

B-Code	B-Code Text
B100000	Driver airbag igniter
B100001	Driver airbag igniter Electrical malfunction
B100011	Driver airbag igniter Short circuit to ground
B100012	Driver airbag igniter Short circuit to B+
B10001A	Driver airbag igniter Resistance too low
B10001B	Driver airbag igniter Resistance too high
B100053	Driver airbag igniter Deactivated
B100100	Airbag igniter 2 - driver side
B100101	Airbag igniter 2 - driver side Electrical malfunction
B100111	Airbag igniter 2 - driver side Short circuit to ground
B100112	Airbag igniter 2 - driver side Short circuit to B+
B10011A	Airbag igniter 2 - driver side Resistance too low
B10011B	Airbag igniter 2 - driver side Resistance too high
B100200	Passenger airbag igniter
B100201	Passenger airbag igniter Electrical malfunction
B100211	Passenger airbag igniter Short circuit to ground
B100212	Passenger airbag igniter Short circuit to B+
B10021A	Passenger airbag igniter Resistance too low
B10021B	Passenger airbag igniter Resistance too high
B100253	Passenger airbag igniter Deactivated
B100300	Airbag igniter 2 - passenger side
B100301	Airbag igniter 2 - passenger side Electrical malfunction
B100311	Airbag igniter 2 - passenger side Short circuit to ground
B100312	Airbag igniter 2 - passenger side Short circuit to B+
B10031A	Airbag igniter 2 - passenger side Resistance too low
B10031B	Airbag igniter 2 - passenger side Resistance too high
B100400	Front passenger head airbag igniter
B100401	Front passenger head airbag igniter Electrical malfunction
B100411	Front passenger head airbag igniter Short circuit to ground
B100412	Front passenger head airbag igniter Short circuit to B+
B10041A	Front passenger head airbag igniter Resistance too low
B10041B	Front passenger head airbag igniter Resistance too high
B100453	Front passenger head airbag igniter Deactivated
B100500	Driver head airbag igniter
B100501	Driver head airbag igniter Electrical malfunction
B100511	Driver head airbag igniter Short circuit to ground
B100512	Driver head airbag igniter Short circuit to B+
B10051A	Driver head airbag igniter Resistance too low
B10051B	Driver head airbag igniter Resistance too high
B100553	Driver head airbag igniter Deactivated
B100600	Driver side seat belt tension igniter
B100601	Driver side seat belt tension igniter Electrical malfunction
B100611	Driver side seat belt tension igniter Short circuit to ground
B100612	Driver side seat belt tension igniter Short circuit to B+
B10061A	Driver side seat belt tension igniter Resistance too low
B10061B	Driver side seat belt tension igniter Resistance too high
B100653	Driver side seat belt tension igniter Deactivated
B100700	Passenger side seat belt tension igniter
B100701	Passenger side seat belt tension igniter Electrical malfunction
B100711	Passenger side seat belt tension igniter Short circuit to ground
B100712	Passenger side seat belt tension igniter Short circuit to B+
B10071A	Passenger side seat belt tension igniter Resistance too low
B10071B	Passenger side seat belt tension igniter Resistance too high
B100753	Passenger side seat belt tension igniter Deactivated
B100800	Passenger side rear safety belt tension igniter
B100801	Passenger side rear safety belt tension igniter Electrical malfunction
B100811	Passenger side rear safety belt tension igniter Short circuit to ground
B100812	Passenger side rear safety belt tension igniter Short circuit to B+
B100813	Passenger side rear safety belt tension igniter Open circuit
B10081A	Passenger side rear safety belt tension igniter Resistance too low

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B-Code	B-Code Text
B10081B	Passenger side rear safety belt tension igniter Resistance too high
B100853	Passenger side rear safety belt tension igniter Deactivated
B100900	Driver side rear safety belt tension igniter
B100901	Driver side rear safety belt tension igniter Electrical malfunction
B100911	Driver side rear safety belt tension igniter Short circuit to ground
B100912	Driver side rear safety belt tension igniter Short circuit to B+
B100913	Driver side rear safety belt tension igniter Open circuit
B10091A	Driver side rear safety belt tension igniter Resistance too low
B10091B	Driver side rear safety belt tension igniter Resistance too high
B100953	Driver side rear safety belt tension igniter Deactivated
B100A00	Front passenger side airbag igniter
B100A01	Front passenger side airbag igniter Electrical malfunction
B100A11	Front passenger side airbag igniter Short circuit to ground
B100A12	Front passenger side airbag igniter Short circuit to B+
B100A1A	Front passenger side airbag igniter Resistance too low
B100A1B	Front passenger side airbag igniter Resistance too high
B100A53	Front passenger side airbag igniter Deactivated
B100B00	Driver side airbag igniter
B100B01	Driver side airbag igniter Electrical malfunction
B100B11	Driver side airbag igniter Short circuit to ground
B100B12	Driver side airbag igniter Short circuit to B+
B100B1A	Driver side airbag igniter Resistance too low
B100B1B	Driver side airbag igniter Resistance too high
B100B53	Driver side airbag igniter Deactivated
B100C00	Driver side knee airbag igniter
B100C01	Driver side knee airbag igniter Electrical malfunction
B100C11	Driver side knee airbag igniter Short circuit to ground
B100C12	Driver side knee airbag igniter Short circuit to B+
B100C1A	Driver side knee airbag igniter Resistance too low
B100C1B	Driver side knee airbag igniter Resistance too high
B100C53	Driver side knee airbag igniter Deactivated
B100D00	Driver side seat belt tensioner igniter 2
B100D01	Driver side seat belt tensioner igniter 2 Electrical malfunction
B100D11	Driver side seat belt tensioner igniter 2 Short circuit to ground
B100D12	Driver side seat belt tensioner igniter 2 Short circuit to B+
B100D1A	Driver side seat belt tensioner igniter 2 Resistance too low
B100D1B	Driver side seat belt tensioner igniter 2 Resistance too high
B100E00	Front passenger side knee airbag igniter
B100E01	Front passenger side knee airbag igniter Electrical malfunction
B100E11	Front passenger side knee airbag igniter Short circuit to ground
B100E12	Front passenger side knee airbag igniter Short circuit to B+
B100E1A	Front passenger side knee airbag igniter Resistance too low
B100E1B	Front passenger side knee airbag igniter Resistance too high
B100E53	Front passenger side knee airbag igniter Deactivated
B100F00	Passenger side seat belt tensioner igniter 2
B100F01	Passenger side seat belt tensioner igniter 2 Electrical malfunction
B100F11	Passenger side seat belt tensioner igniter 2 Short circuit to ground
B100F12	Passenger side seat belt tensioner igniter 2 Short circuit to B+
B100F1A	Passenger side seat belt tensioner igniter 2 Resistance too low
B100F1B	Passenger side seat belt tensioner igniter 2 Resistance too high
B101000	Rear, passenger side, side-airbag igniter
B101001	Rear, passenger side, side-airbag igniter Electrical malfunction
B101011	Rear, passenger side, side-airbag igniter Short circuit to ground
B101012	Rear, passenger side, side-airbag igniter Short circuit to B+
B10101A	Rear, passenger side, side-airbag igniter Resistance too low
B10101B	Rear, passenger side, side-airbag igniter Resistance too high
B101053	Rear, passenger side, side-airbag igniter Deactivated
B101100	Rear driver side, side airbag igniter
B101101	Rear driver side, side airbag igniter Electrical malfunction
B101111	Rear driver side, side airbag igniter Short circuit to ground

B-Code	B-Code Text
B101112	Rear driver side, side airbag igniter Short circuit to B+
B10111A	Rear driver side, side airbag igniter Resistance too low
B10111B	Rear driver side, side airbag igniter Resistance too high
B101153	Rear driver side, side airbag igniter Deactivated
B101200	Safety belt tensioner igniter, rear, center
B101201	Safety belt tensioner igniter, rear, center Electrical malfunction
B101211	Safety belt tensioner igniter, rear, center Short circuit to ground
B101212	Safety belt tensioner igniter, rear, center Short circuit to B+
B101213	Safety belt tensioner igniter, rear, center Open circuit
B10121A	Safety belt tensioner igniter, rear, center Resistance too low
B10121B	Safety belt tensioner igniter, rear, center Resistance too high
B101253	Safety belt tensioner igniter, rear, center Deactivated
B101300	Driver side belt force limiter igniter
B101301	Driver side belt force limiter igniter Electrical malfunction
B101311	Driver side belt force limiter igniter Short circuit to ground
B101312	Driver side belt force limiter igniter Short circuit to B+
B10131A	Driver side belt force limiter igniter Resistance too low
B10131B	Driver side belt force limiter igniter Resistance too high
B101353	Driver side belt force limiter igniter Deactivated
B101400	Passenger side belt force limiter igniter
B101401	Passenger side belt force limiter igniter Electrical malfunction
B101411	Passenger side belt force limiter igniter Short circuit to ground
B101412	Passenger side belt force limiter igniter Short circuit to B+
B10141A	Passenger side belt force limiter igniter Resistance too low
B10141B	Passenger side belt force limiter igniter Resistance too high
B101453	Passenger side belt force limiter igniter Deactivated
B101500	Igniter for battery interrupt
B101501	Igniter for battery interrupt Electrical malfunction
B101511	Igniter for battery interrupt Short circuit to ground
B101512	Igniter for battery interrupt Short circuit to B+
B10151A	Igniter for battery interrupt Resistance too low
B10151B	Igniter for battery interrupt Resistance too high
B101553	Igniter for battery interrupt Deactivated
B101600	Passenger airbag disabled indicator lamp
B101601	Passenger airbag disabled indicator lamp Electrical malfunction
B101604	Passenger airbag disabled indicator lamp Faulty
B101611	Passenger airbag disabled indicator lamp Short circuit to ground
B101612	Passenger airbag disabled indicator lamp Short circuit to B+
B101613	Passenger airbag disabled indicator lamp Open circuit
B101614	Passenger airbag disabled indicator lamp Open circuit/short circuit to ground
B101629	Passenger airbag disabled indicator lamp Implausible signal
B101700	Crash sensor for side airbag, driver side
B101701	Crash sensor for side airbag, driver side Electrical malfunction
B101704	Crash sensor for side airbag, driver side Faulty
B101711	Crash sensor for side airbag, driver side Short circuit to ground
B101712	Crash sensor for side airbag, driver side Short circuit to B+
B101713	Crash sensor for side airbag, driver side Open circuit
B101715	Crash sensor for side airbag, driver side Open circuit/short circuit to B+
B101729	Crash sensor for side airbag, driver side Implausible signal
B10174A	Crash sensor for side airbag, driver side Incorrect component installed
B101800	Crash sensor for side airbag, rear driver side
B101801	Crash sensor for side airbag, rear driver side Electrical malfunction
B101804	Crash sensor for side airbag, rear driver side Faulty
B101811	Crash sensor for side airbag, rear driver side Short circuit to ground
B101812	Crash sensor for side airbag, rear driver side Short circuit to B+
B101813	Crash sensor for side airbag, rear driver side Open circuit
B101815	Crash sensor for side airbag, rear driver side Open circuit/short circuit to B+
B101829	Crash sensor for side airbag, rear driver side Implausible signal
B10184A	Crash sensor for side airbag, rear driver side Incorrect component installed
B101900	Crash sensor for side airbag, rear passenger side

B-Code	B-Code Text
B101901	Crash sensor for side airbag, rear passenger side Electrical malfunction
B101904	Crash sensor for side airbag, rear passenger side Faulty
B101911	Crash sensor for side airbag, rear passenger side Short circuit to ground
B101912	Crash sensor for side airbag, rear passenger side Short circuit to B+
B101913	Crash sensor for side airbag, rear passenger side Open circuit
B101915	Crash sensor for side airbag, rear passenger side Open circuit/short circuit to B+
B101929	Crash sensor for side airbag, rear passenger side Implausible signal
B10194A	Crash sensor for side airbag, rear passenger side Incorrect component installed
B101A00	Crash sensor for front airbag, driver side
B101A01	Crash sensor for front airbag, driver side Electrical malfunction
B101A04	Crash sensor for front airbag, driver side Faulty
B101A11	Crash sensor for front airbag, driver side Short circuit to ground
B101A12	Crash sensor for front airbag, driver side Short circuit to B+
B101A13	Crash sensor for front airbag, driver side Open circuit
B101A15	Crash sensor for front airbag, driver side Open circuit/short circuit to B+
B101A29	Crash sensor for front airbag, driver side Implausible signal
B101A4A	Crash sensor for front airbag, driver side Incorrect component installed
B101B00	Crash sensor for front airbag, passenger side
B101B01	Crash sensor for front airbag, passenger side Electrical malfunction
B101B04	Crash sensor for front airbag, passenger side Faulty
B101B11	Crash sensor for front airbag, passenger side Short circuit to ground
B101B12	Crash sensor for front airbag, passenger side Short circuit to B+
B101B13	Crash sensor for front airbag, passenger side Open circuit
B101B15	Crash sensor for front airbag, passenger side Open circuit/short circuit to B+
B101B29	Crash sensor for front airbag, passenger side Implausible signal
B101B4A	Crash sensor for front airbag, passenger side Incorrect component installed
B101C00	Driver side safety belt switch
B101C01	Driver side safety belt switch Electrical malfunction
B101C04	Driver side safety belt switch Faulty
B101C11	Driver side safety belt switch Short circuit to ground
B101C12	Driver side safety belt switch Short circuit to B+
B101C13	Driver side safety belt switch Open circuit
B101C15	Driver side safety belt switch Open circuit/short circuit to B+
B101C29	Driver side safety belt switch Implausible signal
B101CF0	Driver side safety belt switch not installed
B101D00	Passenger side safety belt switch
B101D01	Passenger side safety belt switch Electrical malfunction
B101D04	Passenger side safety belt switch Faulty
B101D11	Passenger side safety belt switch Short circuit to ground
B101D12	Passenger side safety belt switch Short circuit to B+
B101D13	Passenger side safety belt switch Open circuit
B101D15	Passenger side safety belt switch Open circuit/short circuit to B+
B101D29	Passenger side safety belt switch Implausible signal
B101E00	Seat position sensor, driver side
B101E01	Seat position sensor, driver side Electrical malfunction
B101E04	Seat position sensor, driver side Faulty
B101E11	Seat position sensor, driver side Short circuit to ground
B101E12	Seat position sensor, driver side Short circuit to B+
B101E13	Seat position sensor, driver side Open circuit
B101E15	Seat position sensor, driver side Open circuit/short circuit to B+
B101E29	Seat position sensor, driver side Implausible signal
B101F00	Seat position sensor, passenger side
B101F01	Seat position sensor, passenger side Electrical malfunction
B101F04	Seat position sensor, passenger side Faulty
B101F11	Seat position sensor, passenger side Short circuit to ground
B101F12	Seat position sensor, passenger side Short circuit to B+
B101F13	Seat position sensor, passenger side Open circuit
B101F15	Seat position sensor, passenger side Open circuit/short circuit to B+
B101F29	Seat position sensor, passenger side Implausible signal
B102000	Key switch for airbag shut-off, passenger side

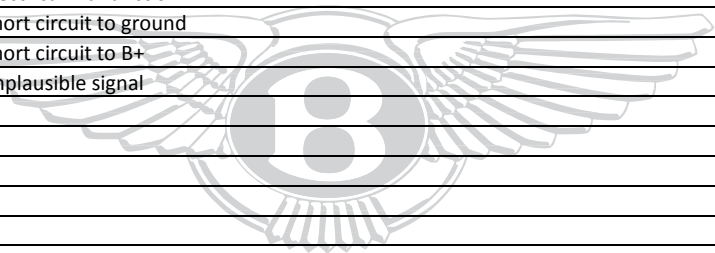
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B-Code	B-Code Text
B102001	Key switch for airbag shut-off, passenger side Electrical malfunction
B102004	Key switch for airbag shut-off, passenger side Faulty
B102011	Key switch for airbag shut-off, passenger side Short circuit to ground
B102012	Key switch for airbag shut-off, passenger side Short circuit to B+
B102013	Key switch for airbag shut-off, passenger side Open circuit
B102015	Key switch for airbag shut-off, passenger side Open circuit/short circuit to B+
B102029	Key switch for airbag shut-off, passenger side Implausible signal
B102053	Key switch for airbag shut-off, passenger side Deactivated
B102100	Unlock central locking signal
B102200	Seat occupied recognition control module
B102201	Seat occupied recognition control module Electrical malfunction
B102202	Seat occupied recognition control module Signal error
B102204	Seat occupied recognition control module Faulty
B102211	Seat occupied recognition control module Short circuit to ground
B102212	Seat occupied recognition control module Short circuit to B+
B102213	Seat occupied recognition control module Open circuit
B102215	Seat occupied recognition control module Open circuit/short circuit to B+
B102229	Seat occupied recognition control module Implausible signal
B102231	Seat occupied recognition control module No signal
B102253	Seat occupied recognition control module Deactivated
B102254	Seat occupied recognition control module No calibration
B102255	Seat occupied recognition control module not configured
B1022F0	Seat occupied recognition control module No basic setting
B102304	Seat occupied recognition pressure sensor Faulty
B102311	Seat occupied recognition pressure sensor Short circuit to ground
B102312	Seat occupied recognition pressure sensor Short circuit to B+
B102313	Seat occupied recognition pressure sensor Open circuit
B102404	Seat occupied recognition seat belt force sensor Faulty
B102407	Seat occupied recognition seat belt force sensor mechanical malfunction
B102411	Seat occupied recognition seat belt force sensor Short circuit to ground
B102412	Seat occupied recognition seat belt force sensor Short circuit to B+
B102413	Seat occupied recognition seat belt force sensor Open circuit
B102500	Passenger side redundant signal path for airbag shut-off
B102501	Passenger side redundant signal path for airbag shut-off Electrical malfunction
B102511	Passenger side redundant signal path for airbag shut-off Short circuit to ground
B102512	Passenger side redundant signal path for airbag shut-off Short circuit to B+
B102513	Passenger side redundant signal path for airbag shut-off Open circuit
B102515	Passenger side redundant signal path for airbag shut-off Open circuit/short circuit to B+
B102529	Passenger side redundant signal path for airbag shut-off Implausible signal
B102629	Immobilizer control module Implausible signal
B102700	Passenger side seat occupied sensor
B102701	Passenger side seat occupied sensor Electrical malfunction
B102704	Passenger side seat occupied sensor Faulty
B102711	Passenger side seat occupied sensor Short circuit to ground
B102712	Passenger side seat occupied sensor Short circuit to B+
B102713	Passenger side seat occupied sensor Open circuit
B102715	Passenger side seat occupied sensor Open circuit/short circuit to B+
B102729	Passenger side seat occupied sensor Implausible signal
B102731	Passenger side seat occupied sensor No signal
B102753	Passenger side seat occupied sensor Deactivated
B102800	Front crash data stored
B102900	Rear crash data stored
B102A00	Driver side crash data stored
B102B00	Crash data rollover stored
B102C46	Control module Calibration data of parameter error
B102D00	Pedestrian protection crash data stored
B102E00	Pelvis airbag igniter, driver side
B102E01	Pelvis airbag igniter, driver side Electrical malfunction
B102E11	Pelvis airbag igniter, driver side Short circuit to ground
B102E12	Pelvis airbag igniter, driver side Short circuit to B+

B-Code	B-Code Text
B102E1A	Pelvis airbag igniter, driver side Resistance too low
B102E1B	Pelvis airbag igniter, driver side Resistance too high
B102E53	Pelvis airbag igniter, driver side Deactivated
B102F00	Pelvis airbag igniter, passenger side
B102F01	Pelvis airbag igniter, passenger side Electrical malfunction
B102F11	Pelvis airbag igniter, passenger side Short circuit to ground
B102F12	Pelvis airbag igniter, passenger side Short circuit to B+
B102F1A	Pelvis airbag igniter, passenger side Resistance too low
B102F1B	Pelvis airbag igniter, passenger side Resistance too high
B102F53	Pelvis airbag igniter, passenger side Deactivated
B103000	Active head restraint igniter, driver side
B103001	Active head restraint igniter, driver side Electrical malfunction
B103011	Active head restraint igniter, driver side Short circuit to ground
B103012	Active head restraint igniter, driver side Short circuit to B+
B10301A	Active head restraint igniter, driver side Resistance too low
B10301B	Active head restraint igniter, driver side Resistance too high
B103053	Active head restraint igniter, driver side Deactivated
B103100	Active head restraint igniter, passenger side
B103101	Active head restraint igniter, passenger side Electrical malfunction
B103111	Active head restraint igniter, passenger side Short circuit to ground
B103112	Active head restraint igniter, passenger side Short circuit to B+
B10311A	Active head restraint igniter, passenger side Resistance too low
B10311B	Active head restraint igniter, passenger side Resistance too high
B103153	Active head restraint igniter, passenger side Deactivated
B103200	Pedestrian Protection Crash Sensor (driver side)
B103201	Pedestrian Protection Crash Sensor (driver side) Electrical malfunction
B103204	Pedestrian Protection Crash Sensor (driver side) Faulty
B103211	Pedestrian Protection Crash Sensor (driver side) Short circuit to ground
B103212	Pedestrian Protection Crash Sensor (driver side) Short circuit to B+
B103213	Pedestrian Protection Crash Sensor (driver side) Open circuit
B103215	Pedestrian Protection Crash Sensor (driver side) Open circuit/short circuit to B+
B103229	Pedestrian Protection Crash Sensor (driver side) Implausible signal
B10324A	Pedestrian Protection Crash Sensor (driver side) Incorrect component installed
B103300	Pedestrian Protection Crash Sensor (passenger side)
B103301	Pedestrian Protection Crash Sensor (passenger side) Electrical malfunction
B103304	Pedestrian Protection Crash Sensor (passenger side) Faulty
B103311	Pedestrian Protection Crash Sensor (passenger side) Short circuit to ground
B103312	Pedestrian Protection Crash Sensor (passenger side) Short circuit to B+
B103313	Pedestrian Protection Crash Sensor (passenger side) Open circuit
B103315	Pedestrian Protection Crash Sensor (passenger side) Open circuit/short circuit to B+
B103329	Pedestrian Protection Crash Sensor (passenger side) Implausible signal
B10334A	Pedestrian Protection Crash Sensor (passenger side) Incorrect component installed
B103400	Rear Impact Crash Sensor
B103401	Rear Impact Crash Sensor Electrical malfunction
B103404	Rear Impact Crash Sensor Faulty
B103411	Rear Impact Crash Sensor Short circuit to ground
B103412	Rear Impact Crash Sensor Short circuit to B+
B103413	Rear Impact Crash Sensor Open circuit
B103415	Rear Impact Crash Sensor Open circuit/short circuit to B+
B103429	Rear Impact Crash Sensor Implausible signal
B10344A	Rear Impact Crash Sensor Incorrect component installed
B103500	Passenger side crash data stored
B103600	Crash sensor side airbag, passenger side
B103601	Crash sensor for side airbag, passenger side Electrical malfunction
B103604	Crash sensor for side airbag, passenger side Faulty
B103611	Crash sensor for side airbag, passenger side Short circuit to ground
B103612	Crash sensor for side airbag, passenger side Short circuit to B+
B103613	Crash sensor for side airbag, passenger side Open circuit
B103615	Crash sensor for side airbag, passenger side Open circuit/short circuit to B+
B103629	Crash sensor for side airbag, passenger side Implausible signal

B-Code	B-Code Text
B10364A	Crash sensor for side airbag, passenger side Incorrect component installed
B103700	Pedestrian Protection Control Module
B103701	Pedestrian Protection Control Module Electrical malfunction
B103704	Pedestrian Protection Control Module Faulty
B103729	Pedestrian Protection Control Module Implausible signal
B103800	Igniter 1 for pedestrian protection
B103801	Igniter 1 for pedestrian protection Electrical malfunction
B103811	Igniter 1 for pedestrian protection Short circuit to ground
B103812	Igniter 1 for pedestrian protection Short circuit to B+
B103813	Igniter 1 for pedestrian protection Open circuit
B10381A	Igniter 1 for pedestrian protection Resistance too low
B10381B	Igniter 1 for pedestrian protection Resistance too high
B103900	Igniter 2 for pedestrian protection
B103901	Igniter 2 for pedestrian protection Electrical malfunction
B103911	Igniter 2 for pedestrian protection Short circuit to ground
B103912	Igniter 2 for pedestrian protection Short circuit to B+
B103913	Igniter 2 for pedestrian protection Open circuit
B10391A	Igniter 2 for pedestrian protection Resistance too low
B10391B	Igniter 2 for pedestrian protection Resistance too high
B103A00	Igniter 3 for pedestrian protection
B103A01	Igniter 3 for pedestrian protection Electrical malfunction
B103A11	Igniter 3 for pedestrian protection Short circuit to ground
B103A12	Igniter 3 for pedestrian protection Short circuit to B+
B103A13	Igniter 3 for pedestrian protection Open circuit
B103A1A	Igniter 3 for pedestrian protection Resistance too low
B103A1B	Igniter 3 for pedestrian protection Resistance too high
B103B00	Pedestrian protection deployed
B103C11	Pedestrian protection contact switch Short circuit to ground
B103C12	Pedestrian protection contact switch Short circuit to B+
B103C29	Pedestrian protection contact switch Implausible signal
B103D01	Redundant signal path for pedestrian protection Electrical malfunction
B103D11	Redundant signal path for pedestrian protection Short circuit to ground
B103D12	Redundant signal path for pedestrian protection Short circuit to B+
B103D29	Redundant signal path for pedestrian protection Implausible signal
B103E00	Fuel Level Sensor 1
B103E13	Fuel Level Sensor 1 Open circuit
B103E1A	Fuel Level Sensor 1 Resistance too low
B103E1B	Fuel Level Sensor 1 Resistance too high
B103E29	Fuel Level Sensor 1 Implausible signal
B103EF0	Fuel Level Sensor 1 Currently in testing
B103F00	Outside temperature sensor
B103F13	Outside temperature sensor Open circuit
B103F1A	Outside temperature sensor Resistance too low
B103F1B	Outside temperature sensor Resistance too high
B104000	Oil temperature sensor
B104013	Oil temperature sensor Open circuit
B10401A	Oil temperature sensor Resistance too low
B10401B	Oil temperature sensor Resistance too high
B104129	Oil Level Thermal Sensor Implausible signal
B104133	Oil Level Thermal Sensor Signal too long low
B104135	Oil Level Thermal Sensor Signal too long high
B104200	Driver side belt switch, 2nd row
B104201	Driver side belt switch, 2nd row Electrical malfunction
B104204	Driver side belt switch, 2nd row Faulty
B104211	Driver side belt switch, 2nd row Short circuit to ground
B104212	Driver side belt switch, 2nd row Short circuit to B+
B104213	Driver side belt switch, 2nd row Open circuit
B104215	Driver side belt switch, 2nd row Open circuit/short circuit to B+
B104229	Driver side belt switch, 2nd row Implausible signal
B104300	Center belt switch, 2nd row



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B-Code	B-Code Text
B104301	Center belt switch, 2nd row Electrical malfunction
B104304	Center belt switch, 2nd row Faulty
B104311	Center belt switch, 2nd row Short circuit to ground
B104312	Center belt switch, 2nd row Short circuit to B+
B104313	Center belt switch, 2nd row Open circuit
B104315	Center belt switch, 2nd row Open circuit/short circuit to B+
B104329	Center belt switch, 2nd row Implausible signal
B104400	Passenger side belt switch, 2nd row
B104401	Passenger side belt switch, 2nd row Electrical malfunction
B104404	Passenger side belt switch, 2nd row Faulty
B104411	Passenger side belt switch, 2nd row Short circuit to ground
B104412	Passenger side belt switch, 2nd row Short circuit to B+
B104413	Passenger side belt switch, 2nd row Open circuit
B104415	Passenger side belt switch, 2nd row Open circuit/short circuit to B+
B104429	Passenger side belt switch, 2nd row Implausible signal
B104500	Driver side belt switch, 3rd row
B104501	Driver side belt switch, 3rd row Electrical malfunction
B104504	Driver side belt switch, 3rd row Faulty
B104511	Driver side belt switch, 3rd row Short circuit to ground
B104512	Driver side belt switch, 3rd row Short circuit to B+
B104513	Driver side belt switch, 3rd row Open circuit
B104515	Driver side belt switch, 3rd row Open circuit/short circuit to B+
B104529	Driver side belt switch, 3rd row Implausible signal
B104600	Center belt switch, 3rd row
B104601	Center belt switch, 3rd row Electrical malfunction
B104604	Center belt switch, 3rd row Faulty
B104611	Center belt switch, 3rd row Short circuit to ground
B104612	Center belt switch, 3rd row Short circuit to B+
B104613	Center belt switch, 3rd row Open circuit
B104615	Center belt switch, 3rd row Open circuit/short circuit to B+
B104629	Center belt switch, 3rd row Implausible signal
B104700	Passenger side belt switch, 3rd row
B104701	Passenger side belt switch, 3rd row Electrical malfunction
B104704	Passenger side belt switch, 3rd row Faulty
B104711	Passenger side belt switch, 3rd row Short circuit to ground
B104712	Passenger side belt switch, 3rd row Short circuit to B+
B104713	Passenger side belt switch, 3rd row Open circuit
B104715	Passenger side belt switch, 3rd row Open circuit/short circuit to B+
B104729	Passenger side belt switch, 3rd row Implausible signal
B104811	Telephone Microphone Short circuit to ground
B104812	Telephone Microphone Short circuit to B+
B104813	Telephone Microphone Open circuit
B104911	Mute switch radio Short circuit to ground
B104912	Mute switch radio Short circuit to B+
B104913	Mute switch radio Open circuit
B104A00	Engine Control Module (ECM) not authorized
B104B31	Key No signal
B104C29	Key Implausible signal
B104D00	Incorrect key programming
B104E11	Right audio channel for speech/telephone Short circuit to ground
B104E12	Right audio channel for speech/telephone Short circuit to B+
B104E13	Right audio channel for speech/telephone Open circuit
B104EF0	Right audio channel for speech/telephone Short circuit to each other
B104F11	Left audio channel for speech/telephone Short circuit to ground
B104F12	Left audio channel for speech/telephone Short circuit to B+
B104F13	Left audio channel for speech/telephone Open circuit
B104FF0	Left audio channel for speech/telephone Short circuit to each other
B105000	Function limitation due to excessive temperature
B105111	Telephone baseplate Short circuit to ground
B105112	Telephone baseplate Short circuit to B+

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B-Code	B-Code Text
B105113	Telephone baseplate Open circuit
B105207	Control unit for cell phone preparation mechanical malfunction
B105211	Control unit for cell phone preparation Short circuit to ground
B105212	Control unit for cell phone preparation Short circuit to B+
B105213	Control unit for cell phone preparation Open circuit
B105214	Control unit for cell phone preparation Open circuit/short circuit to ground
B105300	GSM antenna
B105301	GSM antenna Electrical malfunction
B105311	GSM antenna Short circuit to ground
B105312	GSM antenna Short circuit to B+
B105313	GSM antenna Open circuit
B105315	GSM antenna Open circuit/short circuit to B+
B105318	GSM antenna Insufficient current
B105319	GSM antenna Excess current
B105411	GPS antenna Short circuit to ground
B105412	GPS antenna Short circuit to B+
B105413	GPS antenna Open circuit
B105418	GPS antenna Insufficient current
B105419	GPS antenna Excess current
B105513	Telephone Microphone Open circuit
B105707	Cradle for telephone mechanical malfunction
B105713	Fuel level indicator sensor Open circuit
B10571A	Fuel level indicator sensor Resistance too low
B10571B	Fuel level indicator sensor Resistance too high
B105800	Fuel Level Sensor 2
B105813	Fuel Level Sensor 2 Open circuit
B10581A	Fuel Level Sensor 2 Resistance too low
B10581B	Fuel Level Sensor 2 Resistance too high
B105829	Fuel Level Sensor 2 Implausible signal
B1058F0	Fuel Level Sensor 2 Currently in testing
B10591A	Covering for fuel level indicator sensor 1 Resistance too low
B10591B	Covering for fuel level indicator sensor 1 Resistance too high
B105A1A	Covering for fuel level indicator sensor 2 Resistance too low
B105A1B	Covering for fuel level indicator sensor 2 Resistance too high
B105B00	Sensor for automatic distance control
B105B78	Sensor for automatic distance control misadjusted
B105BF0	Sensor for automatic distance control coverage area blocked
B105C00	Left rear midrange speaker
B105C11	Left rear midrange speaker Short circuit to ground
B105C12	Left rear midrange speaker Short circuit to B+
B105C13	Left rear midrange speaker Open circuit
B105CF0	Left rear midrange speaker Short circuit to each other
B105D00	Lost Communication With Steering Column Control Module
B105D4A	Lost Communication With Steering Column Control Module incorrect installation
B105DF0	Lost Communication With Steering Column Control Module incorrectly coded
B105E00	Right rear midrange speaker
B105E11	Right rear midrange speaker Short circuit to ground
B105E12	Right rear midrange speaker Short circuit to B+
B105E13	Right rear midrange speaker Open circuit
B105EF0	Right rear midrange speaker Short circuit to each other
B105F00	Left front bass speaker
B105F11	Left front bass speaker Short circuit to ground
B105F12	Left front bass speaker Short circuit to B+
B105F13	Left front bass speaker Open circuit
B105FF0	Left front bass speaker Short circuit to each other
B106000	Left front midrange speaker
B106011	Left front midrange speaker Short circuit to ground
B106012	Left front midrange speaker Short circuit to B+
B106013	Left front midrange speaker Open circuit
B1060F0	Left front midrange speaker Short circuit to each other

B-Code	B-Code Text
B106100	Left front treble speaker
B106111	Left front treble speaker Short circuit to ground
B106112	Left front treble speaker Short circuit to B+
B106113	Left front treble speaker Open circuit
B1061F0	Left front treble speaker Short circuit to each other
B106200	Right front bass speaker
B106211	Right front bass speaker Short circuit to ground
B106212	Right front bass speaker Short circuit to B+
B106213	Right front bass speaker Open circuit
B1062F0	Right front bass speaker Short circuit to each other
B106300	Right front midrange speaker
B106311	Right front midrange speaker Short circuit to ground
B106312	Right front midrange speaker Short circuit to B+
B106313	Right front midrange speaker Open circuit
B1063F0	Right front midrange speaker Short circuit to each other
B106400	Right front treble speaker
B106411	Right front treble speaker Short circuit to ground
B106412	Right front treble speaker Short circuit to B+
B106413	Right front treble speaker Open circuit
B1064F0	Right front treble speaker Short circuit to each other
B106500	Left rear bass speaker
B106511	Left rear bass speaker Short circuit to ground
B106512	Left rear bass speaker Short circuit to B+
B106513	Left rear bass speaker Open circuit
B1065F0	Left rear bass speaker Short circuit to each other
B106600	Left rear treble speaker
B106611	Left rear treble speaker Short circuit to ground
B106612	Left rear treble speaker Short circuit to B+
B106613	Left rear treble speaker Open circuit
B1066F0	Left rear treble speaker Short circuit to each other
B106700	Right rear bass speaker
B106711	Right rear bass speaker Short circuit to ground
B106712	Right rear bass speaker Short circuit to B+
B106713	Right rear bass speaker Open circuit
B1067F0	Right rear bass speaker Short circuit to each other
B106800	Right rear treble speaker
B106811	Right rear treble speaker Short circuit to ground
B106812	Right rear treble speaker Short circuit to B+
B106813	Right rear treble speaker Open circuit
B1068F0	Right rear treble speaker Short circuit to each other
B106900	Center speaker
B106911	Center speaker Short circuit to ground
B106912	Center speaker Short circuit to B+
B106913	Center speaker Open circuit
B1069F0	Center speaker Short circuit to each other
B106A00	Left effect speaker
B106A11	Left effect speaker Short circuit to ground
B106A12	Left effect speaker Short circuit to B+
B106A13	Left effect speaker Open circuit
B106AF0	Left effect speaker Short circuit to each other
B106B00	Right effect speaker
B106B11	Right effect speaker Short circuit to ground
B106B12	Right effect speaker Short circuit to B+
B106B13	Right effect speaker Open circuit
B106BF0	Right effect speaker Short circuit to each other
B106C00	Subwoofer
B106C11	Subwoofer Short circuit to ground
B106C12	Subwoofer Short circuit to B+
B106C13	Subwoofer Open circuit
B106CF0	Subwoofer Short circuit to each other

B-Code	B-Code Text
B106DF0	Engine control module (ECM) Incorrect software version
B106EF0	Comparison of control module for steering col. electronics to cruise control switch failed
B106FF0	Function limitation due to excessive brake temperature
B1070F0	Comparison of speed signal failed
B1071F0	Belt tensioner crash data stored
B1072F0	Crash data for battery disconnection stored
B107300	Crash signal
B107311	Crash signal Short circuit to ground
B107312	Crash signal Short circuit to B+
B107314	Crash signal Open circuit/short circuit to ground
B107400	Rear driver side curtain airbag igniter
B107401	Rear driver side curtain airbag igniter Electrical malfunction
B107411	Rear driver side curtain airbag igniter Short circuit to ground
B107412	Rear driver side curtain airbag igniter Short circuit to B+
B10741A	Rear driver side curtain airbag igniter Resistance too low
B10741B	Rear driver side curtain airbag igniter Resistance too high
B107453	Rear driver side curtain airbag igniter Deactivated
B107500	Rear passenger side curtain airbag igniter
B107501	Rear passenger side curtain airbag igniter Electrical malfunction
B107511	Rear passenger side curtain airbag igniter Short circuit to ground
B107512	Rear passenger side curtain airbag igniter Short circuit to B+
B10751A	Rear passenger side curtain airbag igniter Resistance too low
B10751B	Rear passenger side curtain airbag igniter Resistance too high
B107553	Rear passenger side curtain airbag igniter Deactivated
B107600	Left rear parking aid sensors
B107604	Left rear parking aid sensors Faulty
B107612	Left rear parking aid sensors Short circuit to B+
B107614	Left rear parking aid sensors Open circuit/short circuit to ground
B107629	Left rear parking aid sensors Implausible signal
B107631	Left rear parking aid sensors No signal
B107700	Center left rear parking aid sensors
B107704	Center left rear parking aid sensors Faulty
B107712	Center left rear parking aid sensors Short circuit to B+
B107714	Center left rear parking aid sensors Open circuit/short circuit to ground
B107729	Center left rear parking aid sensors Implausible signal
B107731	Center left rear parking aid sensors No signal
B107800	Center right rear parking aid sensors
B107804	Center right rear parking aid sensors Faulty
B107812	Center right rear parking aid sensors Short circuit to B+
B107814	Center right rear parking aid sensors Open circuit/short circuit to ground
B107829	Center right rear parking aid sensors Implausible signal
B107831	Center right rear parking aid sensors No signal
B107900	Right rear parking aid sensors
B107904	Right rear parking aid sensors Faulty
B107912	Right rear parking aid sensors Short circuit to B+
B107914	Right rear parking aid sensors Open circuit/short circuit to ground
B107929	Right rear parking aid sensors Implausible signal
B107931	Right rear parking aid sensors No signal
B107A00	Supply voltage for parking aid sensor
B107A14	Supply voltage for parking aid sensor Open circuit/short circuit to ground
B107A16	Supply voltage for parking aid sensor Voltage too low
B107B00	Rear parking aid sensors
B107B13	Rear parking aid sensors Open circuit
B107C00	Parking aid speaker
B107C12	Parking aid speaker Short circuit to B+
B107C14	Parking aid speaker Open circuit/short circuit to ground
B107D00	Side left rear parking aid sensors
B107D04	Side left rear parking aid sensors Faulty
B107D12	Side left rear parking aid sensors Short circuit to B+
B107D14	Side left rear parking aid sensors Open circuit/short circuit to ground

B-Code	B-Code Text
B107D29	Side left rear parking aid sensors Implausible signal
B107D31	Side left rear parking aid sensors No signal
B107E00	Side right rear parking aid sensors
B107E04	Side right rear parking aid sensors Faulty
B107E12	Side right rear parking aid sensors Short circuit to B+
B107E14	Side right rear parking aid sensors Open circuit/short circuit to ground
B107E29	Side right rear parking aid sensors Implausible signal
B107E31	Side right rear parking aid sensors No signal
B107F00	Parking aid button
B107F07	Parking aid button mechanical malfunction
B107F11	Parking aid button Short circuit to ground
B107F12	Parking aid button Short circuit to B+
B107F29	Parking aid button Implausible signal
B108000	A/C compressor temperature sensor
B108001	A/C compressor temperature sensor Electrical malfunction
B108011	A/C compressor temperature sensor Short circuit to ground
B108013	A/C compressor temperature sensor Open circuit
B108100	Rollover protection solenoid, driver side
B108101	Rollover protection solenoid, driver side Electrical malfunction
B108111	Rollover protection solenoid, driver side Short circuit to ground
B108112	Rollover protection solenoid, driver side Short circuit to B+
B10811A	Rollover protection solenoid, driver side Resistance too low
B10811B	Rollover protection solenoid, driver side Resistance too high
B108153	Rollover protection solenoid, driver side Deactivated
B108200	Rollover protection solenoid, passenger side
B108201	Rollover protection solenoid, passenger side Electrical malfunction
B108211	Rollover protection solenoid, passenger side Short circuit to ground
B108212	Rollover protection solenoid, passenger side Short circuit to B+
B10821A	Rollover protection solenoid, passenger side Resistance too low
B10821B	Rollover protection solenoid, passenger side Resistance too high
B108253	Rollover protection solenoid, passenger side Deactivated
B108300	Left footwell outlet temperature sensor
B108301	Left footwell outlet temperature sensor Electrical malfunction
B108311	Left footwell outlet temperature sensor Short circuit to ground
B108315	Left footwell outlet temperature sensor Open circuit/short circuit to B+
B108400	Right footwell outlet temperature sensor
B108401	Right footwell outlet temperature sensor Electrical malfunction
B108411	Right footwell outlet temperature sensor Short circuit to ground
B108415	Right footwell outlet temperature sensor Open circuit/short circuit to B+
B108500	Footwell vent temperature sensor
B108511	Footwell vent temperature sensor Short circuit to ground
B108515	Footwell vent temperature sensor Open circuit/short circuit to B+
B108600	Center vent temperature sensor
B108611	Center vent temperature sensor Short circuit to ground
B108615	Center vent temperature sensor Open circuit/short circuit to B+
B108700	Left Vent Temperature Sensor
B108711	Left Vent Temperature Sensor Short circuit to ground
B108715	Left Vent Temperature Sensor Open circuit/short circuit to B+
B108800	Right Vent Temperature Sensor
B108811	Right Vent Temperature Sensor Short circuit to ground
B108815	Right Vent Temperature Sensor Open circuit/short circuit to B+
B108900	Rear outlet temperature sensor
B108911	Rear outlet temperature sensor Short circuit to ground
B108915	Rear outlet temperature sensor Open circuit/short circuit to B+
B108A00	Evaporator temperature sensor
B108A01	Evaporator temperature sensor Electrical malfunction
B108A11	Evaporator temperature sensor Short circuit to ground
B108A15	Evaporator temperature sensor Open circuit/short circuit to B+
B108B00	Fresh air, recirculation, air flow flap motor
B108B01	Fresh air, recirculation, air flow flap motor Electrical malfunction

B-Code	B-Code Text
B108B04	Fresh air, recirculation, air flow flap motor Faulty
B108B07	Fresh air, recirculation, air flow flap motor mechanical malfunction
B108B11	Fresh air, recirculation, air flow flap motor Short circuit to ground
B108B12	Fresh air, recirculation, air flow flap motor Short circuit to B+
B108B13	Fresh air, recirculation, air flow flap motor Open circuit
B108B21	Fresh air, recirculation, air flow flap motor Lower limit not reached
B108B22	Fresh air, recirculation, air flow flap motor Upper limit exceeded
B108B29	Fresh air, recirculation, air flow flap motor Implausible signal
B108B31	Fresh air, recirculation, air flow flap motor No signal
B108B4B	Fresh air, recirculation, air flow flap motor excess temperature
B108B54	Fresh air, recirculation, air flow flap motor No basic setting
B108B71	Fresh air, recirculation, air flow flap motor Actuator jammed
B108C00	Left temperature flap positioning motor
B108C01	Left temperature flap positioning motor Electrical malfunction
B108C04	Left temperature flap positioning motor Faulty
B108C07	Left temperature flap positioning motor mechanical malfunction
B108C11	Left temperature flap positioning motor Short circuit to ground
B108C12	Left temperature flap positioning motor Short circuit to B+
B108C13	Left temperature flap positioning motor Open circuit
B108C1C	Left temperature flap positioning motor Voltage implausible
B108C21	Left temperature flap positioning motor Lower limit not reached
B108C22	Left temperature flap positioning motor Upper limit exceeded
B108C29	Left temperature flap positioning motor Implausible signal
B108C31	Left temperature flap positioning motor No signal
B108C4B	Left temperature flap positioning motor excess temperature
B108C54	Left temperature flap positioning motor No basic setting
B108C71	Left temperature flap positioning motor Actuator jammed
B108D00	Right temperature flap positioning motor
B108D01	Right temperature flap positioning motor Electrical malfunction
B108D04	Right temperature flap positioning motor Faulty
B108D07	Right temperature flap positioning motor mechanical malfunction
B108D11	Right temperature flap positioning motor Short circuit to ground
B108D12	Right temperature flap positioning motor Short circuit to B+
B108D13	Right temperature flap positioning motor Open circuit
B108D1C	Right temperature flap positioning motor Voltage implausible
B108D21	Right temperature flap positioning motor Lower limit not reached
B108D22	Right temperature flap positioning motor Upper limit exceeded
B108D29	Right temperature flap positioning motor Implausible signal
B108D31	Right temperature flap positioning motor No signal
B108D4B	Right temperature flap positioning motor excess temperature
B108D54	Right temperature flap positioning motor No basic setting
B108D71	Right temperature flap positioning motor Actuator jammed
B108E00	Rear temperature flap positioning motor
B108E11	Rear temperature flap positioning motor Short circuit to ground
B108E12	Rear temperature flap positioning motor Short circuit to B+
B108E13	Rear temperature flap positioning motor Open circuit
B108E54	Rear temperature flap positioning motor No basic setting
B108E71	Rear temperature flap positioning motor Actuator jammed
B108F00	Temperature flap motor
B108F07	Temperature flap motor mechanical malfunction
B108F11	Temperature flap motor Short circuit to ground
B108F12	Temperature flap motor Short circuit to B+
B108F13	Temperature flap motor Open circuit
B108F54	Temperature flap motor No basic setting
B108F71	Temperature flap motor Actuator jammed
B109000	Defroster flap motor
B109001	Defroster flap motor Electrical malfunction
B109004	Defroster flap motor Faulty
B109007	Defroster flap motor mechanical malfunction
B109011	Defroster flap motor Short circuit to ground

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B-Code	B-Code Text
B109012	Defroster flap motor Short circuit to B+
B109013	Defroster flap motor Open circuit
B10901C	Defroster flap motor Voltage implausible
B109021	Defroster flap motor Lower limit not reached
B109022	Defroster flap motor Upper limit exceeded
B109029	Defroster flap motor Implausible signal
B109031	Defroster flap motor No signal
B10904B	Defroster flap motor excess temperature
B109054	Defroster flap motor No basic setting
B109071	Defroster flap motor Actuator jammed
B109100	Front air distribution flap motor
B109111	Front air distribution flap motor Short circuit to ground
B109112	Front air distribution flap motor Short circuit to B+
B109113	Front air distribution flap motor Open circuit
B109154	Front air distribution flap motor No basic setting
B109171	Front air distribution flap motor Actuator jammed
B109200	Recirculation flap motor
B109201	Recirculation flap motor Electrical malfunction
B109204	Recirculation flap motor Faulty
B109207	Recirculation flap motor mechanical malfunction
B109211	Recirculation flap motor Short circuit to ground
B109212	Recirculation flap motor Short circuit to B+
B109213	Recirculation flap motor Open circuit
B10921C	Recirculation flap motor Voltage implausible
B109221	Recirculation flap motor Lower limit not reached
B109222	Recirculation flap motor Upper limit exceeded
B109229	Recirculation flap motor Implausible signal
B109231	Recirculation flap motor No signal
B10924B	Recirculation flap motor excess temperature
B109300	Rear air distribution flap motor
B109311	Rear air distribution flap motor Short circuit to ground
B109312	Rear air distribution flap motor Short circuit to B+
B109313	Rear air distribution flap motor Open circuit
B109354	Rear air distribution flap motor No basic setting
B109371	Rear air distribution flap motor Actuator jammed
B109400	Left temperature flap positioning motor position sensor
B109411	Left temperature flap positioning motor position sensor Short circuit to ground
B109415	Left temperature flap positioning motor position sensor Open circuit/short circuit to B+
B109500	Right temperature flap positioning motor position sensor
B109511	Right temperature flap positioning motor position sensor Short circuit to ground
B109515	Right temperature flap positioning motor position sensor Open circuit/short circuit to B+
B109600	Rear temperature flap positioning motor position sensor
B109611	Rear temperature flap positioning motor position sensor Short circuit to ground
B109615	Rear temperature flap positioning motor position sensor Open circuit/short circuit to B+
B109700	Temperature flap positioning motor position sensor
B109711	Temperature flap positioning motor position sensor Short circuit to ground
B109715	Temperature flap positioning motor position sensor Open circuit/short circuit to B+
B109800	Defrost flap motor potentiometer
B109811	Defrost flap motor potentiometer Short circuit to ground
B109815	Defrost flap motor potentiometer Open circuit/short circuit to B+
B109900	Front air distribution flap motor position sensor
B109911	Front air distribution flap motor position sensor Short circuit to ground
B109915	Front air distribution flap motor position sensor Open circuit/short circuit to B+
B109A00	Rear air distribution flap motor position sensor
B109A11	Rear air distribution flap motor position sensor Short circuit to ground
B109A15	Rear air distribution flap motor position sensor Open circuit/short circuit to B+
B109B00	Position Sensor for Fresh air, recirculation, air flow flap
B109B11	Position Sensor for Fresh air, recirculation, air flow flap Short circuit to ground
B109B15	Position Sensor for Fresh air, recirculation, air flow flap Open circuit/short circuit to B+
B109C00	Air distribution flap motor position sensor

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B-Code	B-Code Text
B109C11	Air distribution flap motor position sensor Short circuit to ground
B109C15	Air distribution flap motor position sensor Open circuit/short circuit to B+
B109D00	Air distribution flap positioning motor
B109D11	Air distribution flap positioning motor Short circuit to ground
B109D12	Air distribution flap positioning motor Short circuit to B+
B109D13	Air distribution flap positioning motor Open circuit
B109D54	Air distribution flap positioning motor No basic setting
B109D71	Air distribution flap positioning motor Actuator jammed
B109E00	A/C compressor first run
B109E13	A/C compressor first run Open circuit
B109E85	A/C compressor first run Signal too low
B109EF0	A/C compressor first run not performed
B109F00	A/C compressor first run, compressor speed
B109F21	A/C compressor first run, compressor speed Lower limit not reached
B109F22	A/C compressor first run, compressor speed Upper limit exceeded
B10A000	Fresh air blower activation, front
B10A001	Fresh air blower activation, front Electrical malfunction
B10A011	Fresh air blower activation, front Short circuit to ground
B10A012	Fresh air blower activation, front Short circuit to B+
B10A013	Fresh air blower activation, front Open circuit
B10A015	Fresh air blower activation, front Open circuit/short circuit to B+
B10A016	Fresh air blower, front Voltage too low
B10A100	Fresh air blower diagnosis lead, front
B10A111	Fresh air blower diagnosis lead, front Short circuit to ground
B10A112	Fresh air blower diagnosis lead, front Short circuit to B+
B10A113	Fresh air blower diagnosis lead, front Open circuit
B10A115	Fresh air blower diagnosis lead, front Open circuit/short circuit to B+
B10A129	Fresh air blower diagnosis lead, front Implausible signal
B10A200	Rear fresh air blower activation
B10A201	Rear fresh air blower activation Electrical malfunction
B10A211	Rear fresh air blower activation Short circuit to ground
B10A212	Rear fresh air blower activation Short circuit to B+
B10A213	Rear fresh air blower activation Open circuit
B10A229	Fresh air blower activation, front Implausible signal
B10A300	Fresh air blower diagnosis lead, rear
B10A311	Fresh air blower diagnosis lead, rear Short circuit to ground
B10A312	Fresh air blower diagnosis lead, rear Short circuit to B+
B10A313	Fresh air blower diagnosis lead, rear Open circuit
B10A315	Fresh air blower diagnosis lead, rear Open circuit/short circuit to B+
B10A400	Signal wire for air quality sensor
B10A411	Signal wire for air quality sensor Short circuit to ground
B10A415	Signal wire for air quality sensor Open circuit/short circuit to B+
B10A500	Front right heated seat activation
B10A511	Front right heated seat activation Short circuit to ground
B10A512	Front right heated seat activation Short circuit to B+
B10A513	Front right heated seat activation Open circuit
B10A515	Front right heated seat activation Open circuit/short circuit to B+
B10A600	Left front heated seat activation
B10A611	Left front heated seat activation Short circuit to ground
B10A612	Left front heated seat activation Short circuit to B+
B10A613	Left front heated seat activation Open circuit
B10A615	Left front heated seat activation Open circuit/short circuit to B+
B10A700	Indirect Ventilation Flap Motor Position Sensor
B10A711	Indirect Ventilation Flap Motor Position Sensor Short circuit to ground
B10A715	Indirect Ventilation Flap Motor Position Sensor Open circuit/short circuit to B+
B10A800	Supply voltage for front fresh air blower
B10A81C	Supply voltage for front fresh air blower Voltage implausible
B10A900	Activation A/C compressor
B10A911	Activation A/C compressor Short circuit to ground
B10A915	Activation A/C compressor Open circuit/short circuit to B+

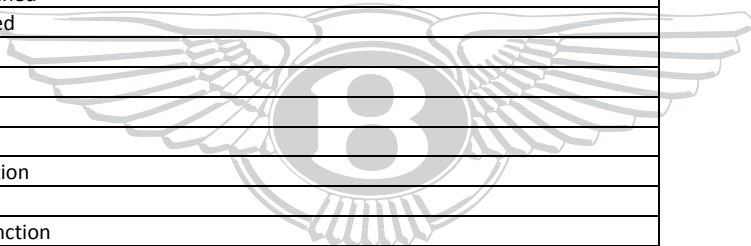
B-Code	B-Code Text
B10A929	Activation A/C compressor Implausible signal
B10AA00	Rear A/C control and display head
B10AA01	Rear A/C control and display head Electrical malfunction
B10AA04	Rear A/C control and display head Faulty
B10AA29	Rear A/C control and display head Implausible signal
B10AA31	Rear A/C control and display head No signal
B10ABF0	Refrigerant pressure Lower limit not reached
B10ACF0	Refrigerant pressure Upper limit exceeded
B10AD00	Reference voltage
B10AD01	Reference voltage Electrical malfunction
B10AD16	Reference voltage Voltage too low
B10AD17	Reference voltage Voltage too high
B10AE00	High pressure sensor
B10AE04	High pressure sensor Faulty
B10AE12	High pressure sensor Short circuit to B+
B10AE14	High pressure sensor Open circuit/short circuit to ground
B10AE29	High pressure sensor Implausible signal
B10AE31	High pressure sensor No signal
B10AE38	High pressure sensor Signal frequency incorrect
B10AE84	High pressure sensor Signal too low
B10AE85	High pressure sensor Signal too high
B10AF00	Air quality sensor
B10AF04	Air quality sensor Faulty
B10AF29	Air quality sensor Implausible signal
B10AF31	Air quality sensor No signal
B10B000	Speedometer Vehicle Speed Sensor (VSS)
B10B011	Speedometer Vehicle Speed Sensor (VSS) Short circuit to ground
B10B015	Speedometer Vehicle Speed Sensor (VSS) Open circuit/short circuit to B+
B10B164	Crash sensors for side airbags Signal validation incorrect
B10B200	Function restriction of seat occupied recognition due to missing message
B10B300	Function restriction of seat occupied recognition due to implausible message
B10B400	Function restriction of seat occupied recognition due to undervoltage
B10B500	Function restriction of seat occupied recognition due to overvoltage
B10B600	Rollover protection faulty
B10B700	Air Flow Flap Motor
B10B701	Air Flow Flap Motor Electrical malfunction
B10B704	Air Flow Flap Motor Faulty
B10B707	Air Flow Flap Motor mechanical malfunction
B10B721	Air Flow Flap Motor Lower limit not reached
B10B722	Air Flow Flap Motor Upper limit exceeded
B10B729	Air Flow Flap Motor Implausible signal
B10B731	Air Flow Flap Motor No signal
B10B74B	Air Flow Flap Motor excess temperature
B10B800	Indirect Ventilation Flap Motor
B10B801	Indirect Ventilation Flap Motor Electrical malfunction
B10B804	Indirect Ventilation Flap Motor Faulty
B10B807	Indirect Ventilation Flap Motor mechanical malfunction
B10B811	Indirect Ventilation Flap Motor Short circuit to ground
B10B812	Indirect Ventilation Flap Motor Short circuit to B+
B10B813	Indirect Ventilation Flap Motor Open circuit
B10B821	Indirect Ventilation Flap Motor Lower limit not reached
B10B822	Indirect Ventilation Flap Motor Upper limit exceeded
B10B829	Indirect Ventilation Flap Motor Implausible signal
B10B831	Indirect Ventilation Flap Motor No signal
B10B84B	Indirect Ventilation Flap Motor excess temperature
B10B854	Indirect Ventilation Flap Motor No basic setting
B10B871	Indirect Ventilation Flap Motor Actuator jammed
B10B900	Left footwell flap motor
B10B901	Left footwell flap motor Electrical malfunction
B10B904	Left footwell flap motor Faulty

B-Code	B-Code Text
B10B907	Left footwell flap motor mechanical malfunction
B10B91C	Left footwell flap motor Voltage implausible
B10B921	Left footwell flap motor Lower limit not reached
B10B922	Left footwell flap motor Upper limit exceeded
B10B929	Left footwell flap motor Implausible signal
B10B931	Left footwell flap motor No signal
B10B94B	Left footwell flap motor excess temperature
B10BA00	Right footwell flap motor
B10BA01	Right footwell flap motor Electrical malfunction
B10BA04	Right footwell flap motor Faulty
B10BA07	Right footwell flap motor mechanical malfunction
B10BA1C	Right footwell flap motor Voltage implausible
B10BA21	Right footwell flap motor Lower limit not reached
B10BA22	Right footwell flap motor Upper limit exceeded
B10BA29	Right footwell flap motor Implausible signal
B10BA31	Right footwell flap motor No signal
B10BA4B	Right footwell flap motor excess temperature
B10BB00	Control module for fresh air blower
B10BB01	Control module for fresh air blower Electrical malfunction
B10BB04	Control module for fresh air blower Faulty
B10BB16	Control module for fresh air blower Voltage too low
B10BB17	Control module for fresh air blower Voltage too high
B10BB21	Control module for fresh air blower Lower limit not reached
B10BB22	Control module for fresh air blower Upper limit exceeded
B10BB31	Control module for fresh air blower No signal
B10BB4B	Control module for fresh air blower excess temperature
B10BB96	Control module for fresh air blower Internal malfunction
B10BC00	Rear control module for fresh air blower
B10BC01	Rear control module for fresh air blower Electrical malfunction
B10BC04	Rear control module for fresh air blower Faulty
B10BC16	Rear control module for fresh air blower Voltage too low
B10BC17	Rear control module for fresh air blower Voltage too high
B10BC21	Rear control module for fresh air blower Lower limit not reached
B10BC22	Rear control module for fresh air blower Upper limit exceeded
B10BC31	Rear control module for fresh air blower No signal
B10BC4B	Rear control module for fresh air blower excess temperature
B10BC96	Rear control module for fresh air blower Internal malfunction
B10BD00	Supply voltage for external components
B10BD11	Supply voltage for external components Short circuit to ground
B10BD13	Supply voltage for external components Open circuit
B10BD16	Supply voltage for external components Voltage too low
B10BD17	Supply voltage for external components Voltage too high
B10BE00	Fresh air blower, front
B10BE01	Fresh air blower, front Electrical malfunction
B10BE07	Fresh air blower, front mechanical malfunction
B10BE12	Fresh air blower, front Short circuit to B+
B10BE13	Fresh air blower, front Open circuit
B10BE14	Fresh air blower, front Open circuit/short circuit to ground
B10BE17	Fresh air blower, front Voltage too high
B10BE1C	Fresh air blower, front Voltage implausible
B10BE1D	Fresh air blower, front Current implausible
B10BE29	Fresh air blower, front Implausible signal
B10BE31	Fresh air blower, front No signal
B10BE4B	Fresh air blower, front excess temperature
B10BE96	Fresh air blower, front Internal malfunction
B10BF00	Fresh air blower, rear
B10BF07	Fresh air blower, rear mechanical malfunction
B10BF12	Fresh air blower, rear Short circuit to B+
B10BF14	Fresh air blower, rear Open circuit/short circuit to ground
B10C000	Auxiliary Air Heater Control Module

B-Code	B-Code Text
B10C001	Auxiliary Air Heater Control Module Electrical malfunction
B10C004	Auxiliary Air Heater Control Module Faulty
B10C016	Auxiliary Air Heater Control Module Voltage too low
B10C017	Auxiliary Air Heater Control Module Voltage too high
B10C029	Auxiliary Air Heater Control Module Implausible signal
B10C031	Auxiliary Air Heater Control Module No signal
B10C04B	Auxiliary Air Heater Control Module excess temperature
B10C100	Voltage supply terminal 30 for actuators
B10C101	Voltage supply terminal 30 for actuators Electrical malfunction
B10C111	Voltage supply terminal 30 for actuators Short circuit to ground
B10C121	Voltage supply terminal 30 for actuators Lower limit not reached
B10C200	Sensor for refrigerant pressure and temperature
B10C221	Sensor for refrigerant pressure and temperature Lower limit not reached
B10C222	Sensor for refrigerant pressure and temperature Upper limit exceeded
B10C229	Sensor for refrigerant pressure and temperature Implausible signal
B10C300	Automatic addressing
B10C322	Automatic addressing Upper limit exceeded
B10C354	Automatic addressing No basic setting
B10C400	Blower for temperature sensor
B10C407	Blower for temperature sensor mechanical malfunction
B10C422	Blower for temperature sensor Upper limit exceeded
B10C500	A/C compressor first run, temperature after evaporator
B10C522	A/C compressor first run, temperature after evaporator Upper limit exceeded
B10C600	Running-in regulation
B10C654	Running-in regulation No basic setting
B10C700	Button in operating unit
B10C707	Button in operating unit mechanical malfunction
B10C800	Coolant shut-off valve
B10C811	Coolant shut-off valve Short circuit to ground
B10C812	Coolant shut-off valve Short circuit to B+
B10C813	Coolant shut-off valve Open circuit
B10C815	Coolant shut-off valve Open circuit/short circuit to B+
B10C900	Left side vent flap motor
B10C901	Left side vent flap motor Electrical malfunction
B10C904	Left side vent flap motor Faulty
B10C907	Left side vent flap motor mechanical malfunction
B10C921	Left side vent flap motor Lower limit not reached
B10C922	Left side vent flap motor Upper limit exceeded
B10C929	Left side vent flap motor Implausible signal
B10C931	Left side vent flap motor No signal
B10C94B	Left side vent flap motor excess temperature
B10CA00	Right side vent flap motor
B10CA01	Right side vent flap motor Electrical malfunction
B10CA04	Right side vent flap motor Faulty
B10CA07	Right side vent flap motor mechanical malfunction
B10CA21	Right side vent flap motor Lower limit not reached
B10CA22	Right side vent flap motor Upper limit exceeded
B10CA29	Right side vent flap motor Implausible signal
B10CA31	Right side vent flap motor No signal
B10CA4B	Right side vent flap motor excess temperature
B10CB00	Left center vent flap motor
B10CB01	Left center vent flap motor Electrical malfunction
B10CB04	Left center vent flap motor Faulty
B10CB07	Left center vent flap motor mechanical malfunction
B10CB1C	Left center vent flap motor Voltage implausible
B10CB21	Left center vent flap motor Lower limit not reached
B10CB22	Left center vent flap motor Upper limit exceeded
B10CB29	Left center vent flap motor Implausible signal
B10CB31	Left center vent flap motor No signal
B10CB4B	Left center vent flap motor excess temperature

B-Code	B-Code Text
B10CC00	Right center vent flap motor
B10CC01	Right center vent flap motor Electrical malfunction
B10CC04	Right center vent flap motor Faulty
B10CC07	Right center vent flap motor mechanical malfunction
B10CC1C	Right center vent flap motor Voltage implausible
B10CC21	Right center vent flap motor Lower limit not reached
B10CC22	Right center vent flap motor Upper limit exceeded
B10CC29	Right center vent flap motor Implausible signal
B10CC31	Right center vent flap motor No signal
B10CC4B	Right center vent flap motor excess temperature
B10CD00	Function limitation due to energy management
B10CE00	Blower reduction due to energy management
B10CF00	Instrument panel temperature sensor
B10CF11	Instrument panel temperature sensor Short circuit to ground
B10CF12	Instrument panel temperature sensor Short circuit to B+
B10CF13	Instrument panel temperature sensor Open circuit
B10D000	Coolant circulation pump
B10D001	Coolant circulation pump Electrical malfunction
B10D004	Coolant circulation pump mechanical malfunction
B10D011	Coolant circulation pump Short circuit to ground
B10D012	Coolant circulation pump Short circuit to B+
B10D013	Coolant circulation pump Open circuit
B10D021	Coolant circulation pump Lower limit not reached
B10D022	Coolant circulation pump Upper limit exceeded
B10D031	Coolant circulation pump No signal
B10D100	Left B-pillar/footwell shut-off flap motor
B10D101	Left B-pillar/footwell shut-off flap motor Electrical malfunction
B10D104	Left B-pillar/footwell shut-off flap motor Faulty
B10D107	Left B-pillar/footwell shut-off flap motor mechanical malfunction
B10D121	Left B-pillar/footwell shut-off flap motor Lower limit not reached
B10D122	Left B-pillar/footwell shut-off flap motor Upper limit exceeded
B10D129	Left B-pillar/footwell shut-off flap motor Implausible signal
B10D131	Left B-pillar/footwell shut-off flap motor No signal
B10D14B	Left B-pillar/footwell shut-off flap motor excess temperature
B10D200	Right B-pillar/footwell shut-off flap motor
B10D201	Right B-pillar/footwell shut-off flap motor Electrical malfunction
B10D204	Right B-pillar/footwell shut-off flap motor Faulty
B10D207	Right B-pillar/footwell shut-off flap motor mechanical malfunction
B10D221	Right B-pillar/footwell shut-off flap motor Lower limit not reached
B10D222	Right B-pillar/footwell shut-off flap motor Upper limit exceeded
B10D229	Right B-pillar/footwell shut-off flap motor Implausible signal
B10D231	Right B-pillar/footwell shut-off flap motor No signal
B10D24B	Right B-pillar/footwell shut-off flap motor excess temperature
B10D300	Left Rear Upper Body Vent Motor
B10D301	Left Rear Upper Body Vent Motor Electrical malfunction
B10D304	Left Rear Upper Body Vent Motor Faulty
B10D307	Left Rear Upper Body Vent Motor mechanical malfunction
B10D321	Left Rear Upper Body Vent Motor Lower limit not reached
B10D322	Left Rear Upper Body Vent Motor Upper limit exceeded
B10D329	Left Rear Upper Body Vent Motor Implausible signal
B10D331	Left Rear Upper Body Vent Motor No signal
B10D34B	Left Rear Upper Body Vent Motor excess temperature
B10D400	Right Rear Upper Body Vent Motor
B10D401	Right Rear Upper Body Vent Motor Electrical malfunction
B10D404	Right Rear Upper Body Vent Motor Faulty
B10D407	Right Rear Upper Body Vent Motor mechanical malfunction
B10D421	Right Rear Upper Body Vent Motor Lower limit not reached
B10D422	Right Rear Upper Body Vent Motor Upper limit exceeded
B10D429	Right Rear Upper Body Vent Motor Implausible signal
B10D431	Right Rear Upper Body Vent Motor No signal

B-Code	B-Code Text
B10D44B	Right Rear Upper Body Vent Motor excess temperature
B10D500	Rear air quantity flap motor
B10D501	Rear air quantity flap motor Electrical malfunction
B10D504	Rear air quantity flap motor Faulty
B10D507	Rear air quantity flap motor mechanical malfunction
B10D521	Rear air quantity flap motor Lower limit not reached
B10D522	Rear air quantity flap motor Upper limit exceeded
B10D529	Rear air quantity flap motor Implausible signal
B10D531	Rear air quantity flap motor No signal
B10D54B	Rear air quantity flap motor excess temperature
B10D600	Rear temperature flap motor
B10D601	Rear temperature flap motor Electrical malfunction
B10D604	Rear temperature flap motor Faulty
B10D607	Rear temperature flap motor mechanical malfunction
B10D61C	Rear temperature flap motor Voltage implausible
B10D621	Rear temperature flap motor Lower limit not reached
B10D622	Rear temperature flap motor Upper limit exceeded
B10D629	Rear temperature flap motor Implausible signal
B10D631	Rear temperature flap motor No signal
B10D64B	Rear temperature flap motor excess temperature
B10D700	Defrost flap motor for left side window
B10D701	Defrost flap motor for left side window Electrical malfunction
B10D704	Defrost flap motor for left side window Faulty
B10D707	Defrost flap motor for left side window mechanical malfunction
B10D721	Defrost flap motor for left side window Lower limit not reached
B10D722	Defrost flap motor for left side window Upper limit exceeded
B10D729	Defrost flap motor for left side window Implausible signal
B10D731	Defrost flap motor for left side window No signal
B10D74B	Defrost flap motor for left side window excess temperature
B10D800	Defrost flap motor for right side window
B10D801	Defrost flap motor for right side window Electrical malfunction
B10D804	Defrost flap motor for right side window Faulty
B10D807	Defrost flap motor for right side window mechanical malfunction
B10D821	Defrost flap motor for right side window Lower limit not reached
B10D822	Defrost flap motor for right side window Upper limit exceeded
B10D829	Defrost flap motor for right side window Implausible signal
B10D831	Defrost flap motor for right side window No signal
B10D84B	Defrost flap motor for right side window excess temperature
B10D900	Temperature flap motor for left footwell
B10D901	Temperature flap motor for left footwell Electrical malfunction
B10D904	Temperature flap motor for left footwell Faulty
B10D907	Temperature flap motor for left footwell mechanical malfunction
B10D921	Temperature flap motor for left footwell Lower limit not reached
B10D922	Temperature flap motor for left footwell Upper limit exceeded
B10D929	Temperature flap motor for left footwell Implausible signal
B10D931	Temperature flap motor for left footwell No signal
B10D94B	Temperature flap motor for left footwell excess temperature
B10DA00	Temperature flap motor for right footwell
B10DA01	Temperature flap motor for right footwell Electrical malfunction
B10DA04	Temperature flap motor for right footwell Faulty
B10DA07	Temperature flap motor for right footwell mechanical malfunction
B10DA21	Temperature flap motor for right footwell Lower limit not reached
B10DA22	Temperature flap motor for right footwell Upper limit exceeded
B10DA29	Temperature flap motor for right footwell Implausible signal
B10DA31	Temperature flap motor for right footwell No signal
B10DA4B	Temperature flap motor for right footwell excess temperature
B10DB00	Heating element in left B-pillar
B10DB11	Heating element in left B-pillar Short circuit to ground
B10DB12	Heating element in left B-pillar Short circuit to B+
B10DB13	Heating element in left B-pillar Open circuit



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B-Code	B-Code Text
B10DC00	Heating element in right B-pillar
B10DC11	Heating element in right B-pillar Short circuit to ground
B10DC12	Heating element in right B-pillar Short circuit to B+
B10DC13	Heating element in right B-pillar Open circuit
B10DD00	Left front upper body outlet temperature sensor
B10DD01	Left front upper body outlet temperature sensor Electrical malfunction
B10DD11	Left front upper body outlet temperature sensor Short circuit to ground
B10DD15	Left front upper body outlet temperature sensor Open circuit/short circuit to B+
B10DE00	Right front upper body outlet temperature sensor
B10DE01	Right front upper body outlet temperature sensor Electrical malfunction
B10DE11	Right front upper body outlet temperature sensor Short circuit to ground
B10DE15	Right front upper body outlet temperature sensor Open circuit/short circuit to B+
B10DF00	Left rear outlet temperature sensor
B10DF11	Left rear outlet temperature sensor Short circuit to ground
B10DF15	Left rear outlet temperature sensor Open circuit/short circuit to B+
B10E000	Right rear outlet temperature sensor
B10E011	Right rear outlet temperature sensor Short circuit to ground
B10E015	Right rear outlet temperature sensor Open circuit/short circuit to B+
B10E100	Position sensor in left center vent
B10E111	Position sensor in left center vent Short circuit to ground
B10E115	Position sensor in left center vent Open circuit/short circuit to B+
B10E200	Position sensor in right center vent
B10E211	Position sensor in right center vent Short circuit to ground
B10E215	Position sensor in right center vent Open circuit/short circuit to B+
B10E300	Position sensor in left side vent
B10E311	Position sensor in left side vent Short circuit to ground
B10E315	Position sensor in left side vent Open circuit/short circuit to B+
B10E400	Position sensor in right side vent
B10E411	Position sensor in right side vent Short circuit to ground
B10E415	Position sensor in right side vent Open circuit/short circuit to B+
B10E500	Left rear upper body vent position sensor
B10E511	Left rear upper body vent position sensor Short circuit to ground
B10E515	Left rear upper body vent position sensor Open circuit/short circuit to B+
B10E600	Right rear upper body vent position sensor
B10E611	Right rear upper body vent position sensor Short circuit to ground
B10E615	Right rear upper body vent position sensor Open circuit/short circuit to B+
B10E7F0	Cruise Control Front Distance Range Sensor separated
B10E800	Sunlight photo sensor
B10E801	Sunlight photo sensor Electrical malfunction
B10E811	Sunlight photo sensor Short circuit to ground
B10E812	Sunlight photo sensor Short circuit to B+
B10E813	Sunlight photo sensor Open circuit
B10E814	Sunlight photo sensor Open circuit/short circuit to ground
B10E815	Sunlight photo sensor Open circuit/short circuit to B+
B10E900	Center pedestrian protection crash sensor
B10E901	Center pedestrian protection crash sensor Electrical malfunction
B10E904	Center pedestrian protection crash sensor Faulty
B10E911	Center pedestrian protection crash sensor Short circuit to ground
B10E912	Center pedestrian protection crash sensor Short circuit to B+
B10E913	Center pedestrian protection crash sensor Open circuit
B10E915	Center pedestrian protection crash sensor Open circuit/short circuit to B+
B10E929	Center pedestrian protection crash sensor Implausible signal
B10E94A	Center pedestrian protection crash sensor Incorrect component installed
B10EA00	Auxiliary heater control module
B10EAF0	Auxiliary heater control module Driving time limitation due to energy management
B10EB00	Lap seat belt tensioner igniter, driver side
B10EB01	Lap seat belt tensioner igniter, driver side Electrical malfunction
B10EB11	Lap seat belt tensioner igniter, driver side Short circuit to ground
B10EB12	Lap seat belt tensioner igniter, driver side Short circuit to B+
B10EB1A	Lap seat belt tensioner igniter, driver side Resistance too low

B-Code	B-Code Text
B10EB1B	Lap seat belt tensioner igniter, driver side Resistance too high
B10EB53	Lap seat belt tensioner igniter, driver side Deactivated
B10EC00	Lap seat belt tensioner igniter, passenger side
B10EC01	Lap seat belt tensioner igniter, passenger side Electrical malfunction
B10EC11	Lap seat belt tensioner igniter, passenger side Short circuit to ground
B10EC12	Lap seat belt tensioner igniter, passenger side Short circuit to B+
B10EC1A	Lap seat belt tensioner igniter, passenger side Resistance too low
B10EC1B	Lap seat belt tensioner igniter, passenger side Resistance too high
B10EC53	Lap seat belt tensioner igniter, passenger side Deactivated
B10ED00	Driver side active head restraint igniter
B10ED01	Driver side active head restraint igniter Electrical malfunction
B10ED11	Driver side active head restraint igniter Short circuit to ground
B10ED12	Driver side active head restraint igniter Short circuit to B+
B10ED1A	Driver side active head restraint igniter Resistance too low
B10ED1B	Driver side active head restraint igniter Resistance too high
B10ED53	Driver side active head restraint igniter Deactivated
B10EE00	Passenger side active head restraint igniter
B10EE01	Passenger side active head restraint igniter Electrical malfunction
B10EE11	Passenger side active head restraint igniter Short circuit to ground
B10EE12	Passenger side active head restraint igniter Short circuit to B+
B10EE1A	Passenger side active head restraint igniter Resistance too low
B10EE1B	Passenger side active head restraint igniter Resistance too high
B10EE53	Passenger side active head restraint igniter Deactivated
B10EF53	Pedestrian protection igniter Deactivated
B10F000	Function limitation due to compressor switch-off by engine
B10F100	Rear recirculation flap motor
B10F101	Rear recirculation flap motor Electrical malfunction
B10F104	Rear recirculation flap motor Faulty
B10F107	Rear recirculation flap motor mechanical malfunction
B10F121	Rear recirculation flap motor Lower limit not reached
B10F122	Rear recirculation flap motor Upper limit exceeded
B10F129	Rear recirculation flap motor Implausible signal
B10F131	Rear recirculation flap motor No signal
B10F14B	Rear recirculation flap motor excess temperature
B10F200	Outlet temperature sensor for left rear upper body vent
B10F211	Outlet temperature sensor for left rear upper body vent Short circuit to ground
B10F215	Outlet temperature sensor for left rear upper body vent Open circuit/short circuit to B+
B10F300	Outlet temperature sensor for right rear upper body vent
B10F311	Outlet temperature sensor for right rear upper body vent Short circuit to ground
B10F315	Outlet temperature sensor for right rear upper body vent Open circuit/short circuit to B+
B10F400	Antenna for satellite radio
B10F411	Antenna for satellite radio Short circuit to ground
B10F413	Antenna for satellite radio Open circuit
B10F500	Front parking aid speaker
B10F512	Front parking aid speaker Short circuit to B+
B10F514	Front parking aid speaker Open circuit/short circuit to ground
B10F600	Left front side parking aid sensor
B10F604	Left front side parking aid sensor Faulty
B10F612	Left front side parking aid sensor Short circuit to B+
B10F614	Left front side parking aid sensor Open circuit/short circuit to ground
B10F629	Left front side parking aid sensor Implausible signal
B10F631	Left front side parking aid sensor No signal
B10F700	Left front parking aid sensor
B10F704	Left front parking aid sensor Faulty
B10F712	Left front parking aid sensor Short circuit to B+
B10F714	Left front parking aid sensor Open circuit/short circuit to ground
B10F729	Left front parking aid sensor Implausible signal
B10F731	Left front parking aid sensor No signal
B10F800	Left Front Center Parking Aid Sensor
B10F804	Left Front Center Parking Aid Sensor Faulty

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B-Code	B-Code Text
B10F812	Left Front Center Parking Aid Sensor Short circuit to B+
B10F814	Left Front Center Parking Aid Sensor Open circuit/short circuit to ground
B10F829	Left Front Center Parking Aid Sensor Implausible signal
B10F831	Left Front Center Parking Aid Sensor No signal
B10F900	Right Front Center Parking Aid Sensor
B10F904	Right Front Center Parking Aid Sensor Faulty
B10F912	Right Front Center Parking Aid Sensor Short circuit to B+
B10F914	Right Front Center Parking Aid Sensor Open circuit/short circuit to ground
B10F929	Right Front Center Parking Aid Sensor Implausible signal
B10F931	Right Front Center Parking Aid Sensor No signal
B10FA00	Right front parking aid sensor
B10FA04	Right front parking aid sensor Faulty
B10FA12	Right front parking aid sensor Short circuit to B+
B10FA14	Right front parking aid sensor Open circuit/short circuit to ground
B10FA29	Right front parking aid sensor Implausible signal
B10FA31	Right front parking aid sensor No signal
B10FB00	Right front side parking aid sensor
B10FB04	Right front side parking aid sensor Faulty
B10FB12	Right front side parking aid sensor Short circuit to B+
B10FB14	Right front side parking aid sensor Open circuit/short circuit to ground
B10FB29	Right front side parking aid sensor Implausible signal
B10FB31	Right front side parking aid sensor No signal
B10FC00	Front parking aid sensors
B10FC13	Front parking aid sensors Open circuit
B10FD00	Parallel parking assistance button
B10FD11	Parallel parking assistance button Short circuit to ground
B10FE00	Parallel parking assistance indicator light
B10FE11	Parallel parking assistance indicator light Short circuit to ground
B10FE12	Parallel parking assistance indicator light Short circuit to B+
B10FE13	Parallel parking assistance indicator light Open circuit
B10FF00	Parking Aid Indicator Light
B10FF11	Parking Aid Indicator Light Short circuit to ground
B10FF12	Parking Aid Indicator Light Short circuit to B+
B10FF13	Parking Aid Indicator Light Open circuit
B10FF14	Parking Aid Indicator Light Open circuit/short circuit to ground
B110000	CD ROM drive
B110007	CD ROM drive mechanical malfunction
B1100F0	CD ROM drive Access time too long
B1100F1	CD ROM drive Read error
B110100	CD changer
B110107	CD changer mechanical malfunction
B110131	CD changer No signal
B110200	Rear-view camera
B110231	Rear-view camera No signal
B110300	Digital radio antenna 1
B110311	Digital radio antenna 1 Short circuit to ground
B110312	Digital radio antenna 1 Short circuit to B+
B110313	Digital radio antenna 1 Open circuit
B110318	Digital radio antenna 1 Insufficient current
B110319	Digital radio antenna 1 Excess current
B110400	Connection for external audio sources (AUX-IN)
B110411	Connection for external audio sources (AUX-IN) Short circuit to ground
B110413	Connection for external audio sources (AUX-IN) Open circuit
B110500	Left front audio signal output
B110511	Left front audio signal output Short circuit to ground
B110512	Left front audio signal output Short circuit to B+
B110513	Left front audio signal output Open circuit
B1105F0	Left front audio signal output Short circuit to each other
B110600	Right front audio signal output
B110611	Right front audio signal output Short circuit to ground

B-Code	B-Code Text
B110612	Right front audio signal output Short circuit to B+
B110613	Right front audio signal output Open circuit
B1106F0	Right front audio signal output Short circuit to each other
B110700	Right rear audio signal output
B110711	Right rear audio signal output Short circuit to ground
B110712	Right rear audio signal output Short circuit to B+
B110713	Right rear audio signal output Open circuit
B1107F0	Right rear audio signal output Short circuit to each other
B110800	Left rear audio signal output
B110811	Left rear audio signal output Short circuit to ground
B110812	Left rear audio signal output Short circuit to B+
B110813	Left rear audio signal output Open circuit
B1108F0	Left rear audio signal output Short circuit to each other
B110900	Connections to front left speakers
B110911	Connections to front left speakers Short circuit to ground
B110912	Connections to front left speakers Short circuit to B+
B1109F0	Connections to front left speakers Short circuit to each other
B110A00	Connections to front right speakers
B110A11	Connections to front right speakers Short circuit to ground
B110A12	Connections to front right speakers Short circuit to B+
B110AF0	Connections to front right speakers Short circuit to each other
B110B00	Connections to right rear speakers
B110B11	Connections to right rear speakers Short circuit to ground
B110B12	Connections to right rear speakers Short circuit to B+
B110BF0	Connections to right rear speakers Short circuit to each other
B110C00	Connections to left rear speakers
B110C11	Connections to left rear speakers Short circuit to ground
B110C12	Connections to left rear speakers Short circuit to B+
B110CF0	Connections to left rear speakers Short circuit to each other
B110D00	Navigation system control unit
B110DF0	Navigation system control unit Button jammed
B110E00	Outlet temperature sensor for left rear footwell
B110E11	Outlet temperature sensor for left rear footwell Short circuit to ground
B110E15	Outlet temperature sensor for left rear footwell Open circuit/short circuit to B+
B110F00	Outlet temperature sensor for right rear footwell
B110F11	Outlet temperature sensor for right rear footwell Short circuit to ground
B110F15	Outlet temperature sensor for right rear footwell Open circuit/short circuit to B+
B111000	Temperature sensor for rear intake air temperature
B111011	Temperature sensor for rear intake air temperature Short circuit to ground
B111015	Temperature sensor for rear intake air temperature Open circuit/short circuit to B+
B111100	Left rear seat ventilation control module
B111104	Left rear seat ventilation control module Faulty
B111154	Left rear seat ventilation control module No basic setting
B111200	Right Rear Seat Ventilation Control Module
B111204	Right Rear Seat Ventilation Control Module Faulty
B111254	Right Rear Seat Ventilation Control Module No basic setting
B111300	Left rear seat temperature sensor
B111301	Left rear seat temperature sensor Electrical malfunction
B111311	Left rear seat temperature sensor Short circuit to ground
B111315	Left rear seat temperature sensor Open circuit/short circuit to B+
B111400	Right rear seat temperature sensor
B111401	Right rear seat temperature sensor Electrical malfunction
B111411	Right rear seat temperature sensor Short circuit to ground
B111415	Right rear seat temperature sensor Open circuit/short circuit to B+
B111500	Left rear seat fan
B111501	Left rear seat fan Electrical malfunction
B111600	Right rear seat fan
B111601	Right rear seat fan Electrical malfunction
B111700	Heated left rear seat
B111701	Heated left rear seat Electrical malfunction

B-Code	B-Code Text
B111711	Heated left rear seat Short circuit to ground
B111715	Heated left rear seat Open circuit/short circuit to B+
B111800	Heated right rear seat
B111801	Heated right rear seat Electrical malfunction
B111811	Heated right rear seat Short circuit to ground
B111815	Heated right rear seat Open circuit/short circuit to B+
B111900	Antenna 1 for radio
B111911	Antenna 1 for radio Short circuit to ground
B111912	Antenna 1 for radio Short circuit to B+
B111913	Antenna 1 for radio Open circuit
B111918	Antenna 1 for radio Insufficient current
B111919	Antenna 1 for radio Excess current
B111A00	Antenna 2 for radio
B111A11	Antenna 2 for radio Short circuit to ground
B111A12	Antenna 2 for radio Short circuit to B+
B111A13	Antenna 2 for radio Open circuit
B111A18	Antenna 2 for radio Insufficient current
B111A19	Antenna 2 for radio Excess current
B111B00	Rear shut-off valve for refrigerant
B111B11	Rear shut-off valve for refrigerant Short circuit to ground
B111B12	Rear shut-off valve for refrigerant Short circuit to B+
B111B13	Rear shut-off valve for refrigerant Open circuit
B111C00	Lighting of left front footwell color 1
B111C01	Lighting of left front footwell color 1 Electrical malfunction
B111D00	Lighting of left front footwell color 2
B111D01	Lighting of left front footwell color 2 Electrical malfunction
B111E00	Lighting of right front footwell color 1
B111E01	Lighting of right front footwell color 1 Electrical malfunction
B111F00	Lighting of right front footwell color 2
B111F01	Lighting of right front footwell color 2 Electrical malfunction
B112000	Lighting of left rear footwell color 1
B112001	Lighting of left rear footwell color 1 Electrical malfunction
B112100	Lighting of left rear footwell color 2
B112101	Lighting of left rear footwell color 2 Electrical malfunction
B112200	Lighting of right rear footwell color 1
B112201	Lighting of right rear footwell color 1 Electrical malfunction
B112300	Lighting of right rear footwell color 2
B112301	Lighting of right rear footwell color 2 Electrical malfunction
B112400	Lighting center console color 1
B112401	Lighting center console color 1 Electrical malfunction
B112500	Lighting center console color 2
B112501	Lighting center console color 2 Electrical malfunction
B112600	Lighting center console color 3
B112601	Lighting center console color 3 Electrical malfunction
B112700	Lighting of left front door color 1
B112701	Lighting of left front door color 1 Electrical malfunction
B112800	Lighting of left front door color 2
B112801	Lighting of left front door color 2 Electrical malfunction
B112900	Lighting of left front door color 3
B112901	Lighting of left front door color 3 Electrical malfunction
B112A00	Lighting of right front door color 1
B112A01	Lighting of right front door color 1 Electrical malfunction
B112B00	Lighting of right front door color 2
B112B01	Lighting of right front door color 2 Electrical malfunction
B112C00	Lighting of right front door color 3
B112C01	Lighting of right front door color 3 Electrical malfunction
B112D00	Lighting of left rear door color 1
B112D01	Lighting of left rear door color 1 Electrical malfunction
B112E00	Lighting of left rear door color 2
B112E01	Lighting of left rear door color 2 Electrical malfunction

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B-Code	B-Code Text
B112F00	Lighting of left rear door color 3
B112F01	Lighting of left rear door color 3 Electrical malfunction
B113000	Lighting of right rear door color 1
B113001	Lighting of right rear door color 1 Electrical malfunction
B113100	Lighting of right rear door color 2
B113101	Lighting of right rear door color 2 Electrical malfunction
B113200	Lighting of right rear door color 3
B113201	Lighting of right rear door color 3 Electrical malfunction
B113300	Lighting of left front door sill
B113301	Lighting of left front door sill Electrical malfunction
B113400	Lighting of right front door sill
B113401	Lighting of right front door sill Electrical malfunction
B113500	Lighting of left rear door sill
B113501	Lighting of left rear door sill Electrical malfunction
B113600	Lighting of right rear door sill
B113601	Lighting of right rear door sill Electrical malfunction
B113700	Lighting of rear center console color 1
B113701	Lighting of rear center console color 1 Electrical malfunction
B113800	Lighting of rear center console color 2
B113801	Lighting of rear center console color 2 Electrical malfunction
B113900	Lighting of rear center console color 3
B113901	Lighting of rear center console color 3 Electrical malfunction
B113A00	Lighting of left shade
B113A01	Lighting of left shade Electrical malfunction
B113B00	Lighting of right shade
B113B01	Lighting of right shade Electrical malfunction
B113C00	Lighting of rear shade
B113C01	Lighting of rear shade Electrical malfunction
B113D00	Rear lid lock button in luggage compartment
B113D13	Rear lid lock button in luggage compartment Open circuit
B113D29	Rear lid lock button in luggage compartment Implausible signal
B113E00	Pull-shut asst.
B113E29	Pull-shut asst. Implausible signal
B113EF0	Closing aid open Implausible signal
B113EF1	Closing aid closed Implausible signal
B113F00	Rear lid lock
B113F29	Rear lid lock Implausible signal
B114000	Rear Lid Control Module
B114001	Rear Lid Control Module Electrical malfunction
B114013	Rear Lid Control Module Open circuit
B114029	Rear Lid Control Module Implausible signal
B114031	Rear Lid Control Module No signal
B114100	Motor in rear lid control module
B114101	Motor in rear lid control module Electrical malfunction
B114113	Motor in rear lid control module Open circuit
B114118	Motor in rear lid control module Insufficient current
B114119	Motor in rear lid control module Excess current
B11411D	Motor in rear lid control module Current implausible
B114129	Motor in rear lid control module Implausible signal
B114200	Motor 2 for rear lid
B114218	Motor 2 for rear lid Insufficient current
B114219	Motor 2 for rear lid Excess current
B11421D	Motor 2 for rear lid Current implausible
B114229	Motor 2 for rear lid Implausible signal
B114300	Hall sensors in rear lid control module
B114311	Hall sensors in rear lid control module Short circuit to ground
B114312	Hall sensors in rear lid control module Short circuit to ground
B114400	Turn signal switch
B114407	Turn signal switch mechanical malfunction
B114411	Turn signal switch Short circuit to ground

B-Code	B-Code Text
B114412	Turn signal switch Short circuit to B+
B114413	Turn signal switch Open circuit
B114429	Turn signal switch Implausible signal
B1144F0	Turn signal switch Cruise control system button - implausible signal
B1144F1	Turn signal switch Cruise control system button - mechanical malfunction
B1144F2	Turn signal switch Cruise control system on/off switch - implausible signal
B1144F3	Turn signal switch Cruise control system button - electrical malfunction
B114500	Switch for windshield wiper
B114507	Switch for windshield wiper mechanical malfunction
B114511	Switch for windshield wiper Short circuit to ground
B114512	Switch for windshield wiper Short circuit to B+
B114513	Switch for windshield wiper Open circuit
B114529	Switch for windshield wiper Implausible signal
B114600	Signal horn activation
B114607	Signal horn activation mechanical malfunction
B114611	Signal horn activation Short circuit to ground
B114612	Signal horn activation Short circuit to B+
B114613	Signal horn activation Open circuit
B114696	Signal horn activation Internal malfunction
B114700	Ignition starter switch
B114729	Ignition starter switch Implausible signal
B1147F0	Ignition starter switch Terminal 50 - Short circuit to B+
B1147F1	Ignition starter switch Terminal S - open circuit/short circuit to ground
B114800	Terminal 15
B114811	Terminal 15 Short circuit to ground
B114812	Terminal 15 Short circuit to B+
B114814	Terminal 15 Open circuit/short circuit to ground
B114815	Terminal 15 Open circuit/short circuit to B+
B114829	Terminal 15 Implausible signal
B114900	Windshield wiper/washer switch for intermittent operation
B114907	Windshield wiper/washer switch for intermittent operation mechanical malfunction
B114911	Windshield wiper/washer switch for intermittent operation Short circuit to ground
B114912	Windshield wiper/washer switch for intermittent operation Short circuit to B+
B114913	Windshield wiper/washer switch for intermittent operation Open circuit
B114929	Windshield wiper/washer switch for intermittent operation Implausible signal
B114A00	Activation of ignition switch key lock solenoid
B114A11	Activation of ignition switch key lock solenoid Short circuit to ground
B114A13	Activation of ignition switch key lock solenoid Open circuit
B114B00	Multi-function buttons in steer. wheel, left
B114B07	Multi-function buttons in steer. wheel, left mechanical malfunction
B114B54	Multi-function buttons in steer. wheel, left No basic setting
B114B96	Multi-function buttons in steer. wheel, left Internal malfunction
B114C00	Multi-function buttons in steer. wheel, right
B114C07	Multi-function buttons in steer. wheel, right mechanical malfunction
B114C54	Multi-function buttons in steer. wheel, right No basic setting
B114C96	Multi-function buttons in steer. wheel, right Internal malfunction
B114D00	Control module for multi-function steering wheel
B114D04	Control module for multi-function steering wheel Faulty
B114D54	Control module for multi-function steering wheel No basic setting
B114D96	Control module for multi-function steering wheel Internal malfunction
B114E00	Tiptronic downshift button (steering wheel)
B114E07	Tiptronic downshift button (steering wheel) mechanical malfunction
B114E11	Tiptronic downshift button (steering wheel) Short circuit to ground
B114E13	Tiptronic downshift button (steering wheel) Open circuit
B114E29	Tiptronic downshift button (steering wheel) Implausible signal
B114E96	Tiptronic downshift button (steering wheel) Internal malfunction
B114F00	Tiptronic upshift button (steering wheel)
B114F07	Tiptronic upshift button (steering wheel) mechanical malfunction
B114F11	Tiptronic upshift button (steering wheel) Short circuit to ground
B114F13	Tiptronic upshift button (steering wheel) Open circuit

B-Code	B-Code Text
B114F29	Tiptronic upshift button (steering wheel) Implausible signal
B114F96	Tiptronic upshift button (steering wheel) Internal malfunction
B115000	Left rear inner parking aid sensor
B115004	Left rear inner parking aid sensor Faulty
B115012	Left rear inner parking aid sensor Short circuit to B+
B115014	Left rear inner parking aid sensor Open circuit/short circuit to ground
B115029	Left rear inner parking aid sensor Implausible signal
B115031	Left rear inner parking aid sensor No signal
B115100	Right rear inner parking aid sensor
B115104	Right rear inner parking aid sensor Faulty
B115112	Right rear inner parking aid sensor Short circuit to B+
B115114	Right rear inner parking aid sensor Open circuit/short circuit to ground
B115129	Right rear inner parking aid sensor Implausible signal
B115131	Right rear inner parking aid sensor No signal
B115200	Left front inner parking aid sensor
B115204	Left front inner parking aid sensor Faulty
B115212	Left front inner parking aid sensor Short circuit to B+
B115214	Left front inner parking aid sensor Open circuit/short circuit to ground
B115229	Left front inner parking aid sensor Implausible signal
B115231	Left front inner parking aid sensor No signal
B115300	Right front inner parking aid sensor
B115304	Right front inner parking aid sensor Faulty
B115312	Right front inner parking aid sensor Short circuit to B+
B115314	Right front inner parking aid sensor Open circuit/short circuit to ground
B115329	Right front inner parking aid sensor Implausible signal
B115331	Right front inner parking aid sensor No signal
B115400	CCS Switch
B115407	CCS Switch mechanical malfunction
B115411	CCS Switch Short circuit to ground
B115412	CCS Switch Short circuit to B+
B115413	CCS Switch Open circuit
B115429	CCS Switch Implausible signal
B115496	CCS Switch Internal malfunction
B115500	Distance selector switch for automatic distance control
B115507	Distance selector switch for automatic distance control mechanical malfunction
B115529	Distance selector switch for automatic distance control Implausible signal
B115600	Sliding door button
B115612	Sliding door button Short circuit to B+
B1156F0	Sliding door button Operated continuously
B115700	Rear sliding door button
B115712	Rear sliding door button Short circuit to B+
B1157F0	Rear sliding door button Operated continuously
B115800	Pinch protection sensor
B115812	Pinch protection sensor Short circuit to B+
B115813	Pinch protection sensor Open circuit
B1158F0	Pinch protection sensor Operated continuously
B115900	Sliding door opening motor activation
B115911	Sliding door opening motor activation Short circuit to ground
B115912	Sliding door opening motor activation Short circuit to B+
B115913	Sliding door opening motor activation Open circuit
B11591C	Sliding door opening motor activation Voltage implausible
B115A00	Sliding door opening motor
B115A19	Sliding door opening motor Excess current
B115AF0	Sliding door opening motor Permissible activation duration exceeded
B115B00	Sliding door coupling motor
B115B07	Sliding door coupling motor mechanical malfunction
B115B19	Sliding door coupling motor Excess current
B115BF0	Sliding door coupling motor Permissible activation duration exceeded
B115C00	Sliding door coupling motor activation
B115C11	Sliding door coupling motor activation Short circuit to ground

B-Code	B-Code Text
B115C12	Sliding door coupling motor activation Short circuit to B+
B115C13	Sliding door coupling motor activation Open circuit
B115C1C	Sliding door coupling motor activation Voltage implausible
B115D00	Sliding door indicator light
B115D11	Sliding door indicator light Short circuit to ground
B115D12	Sliding door indicator light Short circuit to B+
B115E00	Sliding door indicator light 2
B115E11	Sliding door indicator light 2 Short circuit to ground
B115E12	Sliding door indicator light 2 Short circuit to B+
B115F00	Motor activation for enabling ratchet release
B115F11	Motor activation for enabling ratchet release Short circuit to ground
B115F12	Motor activation for enabling ratchet release Short circuit to B+
B115F13	Motor activation for enabling ratchet release Open circuit
B115F1C	Motor activation for enabling ratchet release Voltage implausible
B116000	Motor for enabling ratchet release
B116019	Motor for enabling ratchet release Excess current
B1160F0	Motor for enabling ratchet release Permissible number of activations exceeded
B116100	Electrical steering column lock, release
B11611C	Electrical steering column lock, release Voltage implausible
B116200	Selector lever park position lock switch
B116204	Selector lever park position lock switch Faulty
B116207	Selector lever park position lock switch mechanical malfunction
B116211	Selector lever park position lock switch Short circuit to ground
B116212	Selector lever park position lock switch Short circuit to B+
B116213	Selector lever park position lock switch Open circuit
B116229	Selector lever park position lock switch Implausible signal
B116300	Steering wheel vibration motor
B116396	Steering wheel vibration motor Internal malfunction
B116400	heated steering wheel
B116496	heated steering wheel Internal malfunction
B116500	Detection for left/right installation
B116511	Detection for left/right installation Short circuit to ground
B116512	Detection for left/right installation Short circuit to B+
B116513	Detection for left/right installation Open circuit
B116600	Sliding door opening motor
B1166F0	Sliding door opening motor Permissible number of activations exceeded
B116700	Automatic sliding door position sensor
B116729	Automatic sliding door position sensor Implausible signal
B116731	Automatic sliding door position sensor No signal
B116800	Steering angle sensor
B116804	Steering angle sensor Faulty
B116807	Steering angle sensor mechanical malfunction
B116816	Steering angle sensor Voltage too low
B116829	Steering angle sensor Implausible signal
B116831	Steering angle sensor No signal
B11684A	Steering angle sensor Incorrect component installed
B116854	Steering angle sensor No basic setting
B116884	Steering angle sensor Signal too high
B116896	Steering angle sensor Internal malfunction
B1168F0	Steering angle sensor Angular velocity, upper limit exceeded
B1168F1	Steering angle sensor Synchronization failed
B1168F2	Steering angle sensor no initialization
B1168F3	Steering angle sensor Offset too high
B116900	Left Rear Temperature Flap Motor
B116901	Left Rear Temperature Flap Motor Electrical malfunction
B116904	Left Rear Temperature Flap Motor Faulty
B116907	Left Rear Temperature Flap Motor mechanical malfunction
B116921	Left Rear Temperature Flap Motor Lower limit not reached
B116922	Left Rear Temperature Flap Motor Upper limit exceeded
B116929	Left Rear Temperature Flap Motor Implausible signal

B-Code	B-Code Text
B116931	Left Rear Temperature Flap Motor No signal
B11694B	Left Rear Temperature Flap Motor excess temperature
B116A00	Right Rear Temperature Flap Motor
B116A01	Right Rear Temperature Flap Motor Electrical malfunction
B116A04	Right Rear Temperature Flap Motor Faulty
B116A07	Right Rear Temperature Flap Motor mechanical malfunction
B116A21	Right Rear Temperature Flap Motor Lower limit not reached
B116A22	Right Rear Temperature Flap Motor Upper limit exceeded
B116A29	Right Rear Temperature Flap Motor Implausible signal
B116A31	Right Rear Temperature Flap Motor No signal
B116A4B	Right Rear Temperature Flap Motor excess temperature
B116B00	Driver side door handle touch sensor
B116B04	Driver side door handle touch sensor Faulty
B116B11	Driver side door handle touch sensor Short circuit to ground
B116B12	Driver side door handle touch sensor Short circuit to B+
B116B13	Driver side door handle touch sensor Open circuit
B116B29	Driver side door handle touch sensor Implausible signal
B116B4A	Driver side door handle touch sensor Incorrect component installed
B116B71	Driver side door handle touch sensor Actuator jammed
B116BF0	Driver side door handle touch sensor Short circuit to each other
B116C00	Passenger side door handle touch sensor
B116C04	Passenger side door handle touch sensor Faulty
B116C11	Passenger side door handle touch sensor Short circuit to ground
B116C12	Passenger side door handle touch sensor Short circuit to B+
B116C13	Passenger side door handle touch sensor Open circuit
B116C29	Passenger side door handle touch sensor Implausible signal
B116C4A	Passenger side door handle touch sensor Incorrect component installed
B116C71	Passenger side door handle touch sensor Actuator jammed
B116CF0	Passenger side door handle touch sensor Short circuit to each other
B116D00	Left rear outside door handle touch sensor
B116D04	Left rear outside door handle touch sensor Faulty
B116D11	Left rear outside door handle touch sensor Short circuit to ground
B116D12	Left rear outside door handle touch sensor Short circuit to B+
B116D13	Left rear outside door handle touch sensor Open circuit
B116D29	Left rear outside door handle touch sensor Implausible signal
B116D4A	Left rear outside door handle touch sensor Incorrect component installed
B116D71	Left rear outside door handle touch sensor Actuator jammed
B116DF0	Left rear outside door handle touch sensor Short circuit to each other
B116E00	Right rear outside door handle touch sensor
B116E04	Right rear outside door handle touch sensor Faulty
B116E11	Right rear outside door handle touch sensor Short circuit to ground
B116E12	Right rear outside door handle touch sensor Short circuit to B+
B116E13	Right rear outside door handle touch sensor Open circuit
B116E29	Right rear outside door handle touch sensor Implausible signal
B116E4A	Right rear outside door handle touch sensor Incorrect component installed
B116E71	Right rear outside door handle touch sensor Actuator jammed
B116EF0	Right rear outside door handle touch sensor Short circuit to each other
B116F00	Driver Access/Start Authorization Antenna
B116F01	Driver Access/Start Authorization Antenna Electrical malfunction
B116F11	Driver Access/Start Authorization Antenna Short circuit to ground
B116F12	Driver Access/Start Authorization Antenna Short circuit to B+
B116F13	Driver Access/Start Authorization Antenna Open circuit
B116FF0	Driver Access/Start Authorization Antenna Short circuit to each other
B117000	Front Passenger Access/Start Authorization Antenna
B117001	Front Passenger Access/Start Authorization Antenna Electrical malfunction
B117011	Front Passenger Access/Start Authorization Antenna Short circuit to ground
B117012	Front Passenger Access/Start Authorization Antenna Short circuit to B+
B117013	Front Passenger Access/Start Authorization Antenna Open circuit
B1170F0	Front Passenger Access/Start Authorization Antenna Short circuit to each other
B117100	Access/Start Authorization Antenna (in rear bumper)

B-Code	B-Code Text
B117101	Access/Start Authorization Antenna (in rear bumper) Electrical malfunction
B117111	Access/Start Authorization Antenna (in rear bumper) Short circuit to ground
B117112	Access/Start Authorization Antenna (in rear bumper) Short circuit to B+
B117113	Access/Start Authorization Antenna (in rear bumper) Open circuit
B1171F0	Access/Start Authorization Antenna (in rear bumper) Short circuit to each other
B117200	Interior access/start authorization antenna 1
B117201	Interior access/start authorization antenna 1 Electrical malfunction
B117211	Interior access/start authorization antenna 1 Short circuit to ground
B117212	Interior access/start authorization antenna 1 Short circuit to B+
B117213	Interior access/start authorization antenna 1 Open circuit
B1172F0	Interior access/start authorization antenna 1 Short circuit to each other
B117300	Luggage compartment access/start authorization antenna
B117301	Luggage compartment access/start authorization antenna Electrical malfunction
B117311	Luggage compartment access/start authorization antenna Short circuit to ground
B117312	Luggage compartment access/start authorization antenna Short circuit to B+
B117313	Luggage compartment access/start authorization antenna Open circuit
B1173F0	Luggage compartment access/start authorization antenna Short circuit to each other
B117400	Interior access/start authorization antenna 2
B117401	Interior access/start authorization antenna 2 Electrical malfunction
B117411	Interior access/start authorization antenna 2 Short circuit to ground
B117412	Interior access/start authorization antenna 2 Short circuit to B+
B117413	Interior access/start authorization antenna 2 Open circuit
B1174F0	Interior access/start authorization antenna 2 Short circuit to each other
B117500	Camera for night-vision system
B117504	Camera for night-vision system Faulty
B117516	Camera for night-vision system Voltage too low
B117519	Camera for night-vision system Excess current
B117547	Camera for night-vision system Faulty
B11754B	Camera for night-vision system excess temperature
B1175F0	Camera for night-vision system Function limitation due to insufficient voltage
B1175F1	Camera for night-vision system Temperature too high
B1175F2	Camera for night-vision system Sensor faulty
B1175F3	Camera for night-vision system Camera shutter fault
B1175F4	Camera for night-vision system Authentication failure
B117600	Night-vision system control module
B1176F0	Night-vision system control module Temperature too high
B117700	End switch for steering column lock
B117701	End switch for steering column lock Electrical malfunction
B117729	End switch for steering column lock Implausible signal
B117829	Tank system Implausible signal
B117900	Fuel Level Sensor 3
B117913	Fuel Level Sensor 3 Open circuit
B11791A	Fuel Level Sensor 3 Resistance too low
B11791B	Fuel Level Sensor 3 Resistance too high
B1179F0	Fuel Level Sensor 3 Currently in testing
B117A00	Fuel Level Sensor 4
B117A13	Fuel Level Sensor 4 Open circuit
B117A1A	Fuel Level Sensor 4 Resistance too low
B117A1B	Fuel Level Sensor 4 Resistance too high
B117AF0	Fuel Level Sensor 4 Currently in testing
B117B1A	Covering for fuel level indicator sensor 3 Resistance too low
B117B1B	Covering for fuel level indicator sensor 3 Resistance too high
B117C1A	Covering for fuel level indicator sensor 4 Resistance too low
B117C1B	Covering for fuel level indicator sensor 4 Resistance too high
B117D04	Analog clock Faulty
B117E00	Analog clock detection 0 position failed
B117F00	Left front parallel parking assistance sensor
B117F12	Left front parallel parking assistance sensor Short circuit to B+
B117F14	Left front parallel parking assistance sensor Open circuit/short circuit to ground
B117F29	Left front parallel parking assistance sensor Implausible signal

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B-Code	B-Code Text
B117F31	Left front parallel parking assistance sensor No signal
B118000	Right front parallel parking assistance sensor
B118012	Right front parallel parking assistance sensor Short circuit to B+
B118014	Right front parallel parking assistance sensor Open circuit/short circuit to ground
B118029	Right front parallel parking assistance sensor Implausible signal
B118031	Right front parallel parking assistance sensor No signal
B118100	Switch for left convertible top compartment enclosure
B118129	Switch for left convertible top compartment enclosure Implausible signal
B118200	Switch for right convertible top compartment enclosure
B118229	Switch for right convertible top compartment enclosure Implausible signal
B118300	Left convertible top compartment enclosure motor
B118312	Left convertible top compartment enclosure motor Short circuit to B+
B118400	Motor for right convertible top compartment enclosure
B118412	Motor for right convertible top compartment enclosure Short circuit to B+
B118500	Central window regulator switch
B118529	Central window regulator switch Implausible signal
B118600	Switch for convertible top compartment cover lock locked
B118629	Switch for convertible top compartment cover lock locked Implausible signal
B118700	Left wind deflector switch
B118729	Left wind deflector switch Implausible signal
B118800	Right wind deflector switch
B118829	Right wind deflector switch Implausible signal
B118900	Switch for convertible top compartment cover, open
B118929	Switch for convertible top compartment cover, open Implausible signal
B118A00	Switch for bow top
B118A29	Switch for bow top Implausible signal
B118B00	Switch for bow left
B118B29	Switch for bow left Implausible signal
B118C00	Switch for bow right
B118C29	Switch for bow right Implausible signal
B118D00	Switch for folding top closed, left
B118D29	Switch for folding top closed, left Implausible signal
B118E00	Switch for folding top closed, right
B118E29	Switch for folding top closed, right Implausible signal
B118F00	Switch for folding top stored
B118F29	Switch for folding top stored Implausible signal
B119000	Switch for folding top front
B119029	Switch for folding top front Implausible signal
B119100	Convertible top lock switch, open
B119129	Convertible top lock switch, open Implausible signal
B119200	Convertible top lock switch, left
B119229	Convertible top lock switch, left Implausible signal
B119300	Convertible top lock switch, right
B119329	Convertible top lock switch, right Implausible signal
B119400	Switch for convertible top compartment cover, left
B119429	Switch for convertible top compartment cover, left Implausible signal
B119500	Switch for convertible top compartment cover, right
B119529	Switch for convertible top compartment cover, right Implausible signal
B119600	Switch for convertible top compartment cover lock unlocked
B119629	Switch for convertible top compartment cover lock unlocked Implausible signal
B119700	Button for convertible top operation, open
B119729	Button for convertible top operation, open Implausible signal
B119800	Button for convertible top operation, closed
B119829	Button for convertible top operation, closed Implausible signal
B119900	Motor for convertible top lock
B119901	Motor for convertible top lock Electrical malfunction
B119911	Motor for convertible top lock Short circuit to ground
B119912	Motor for convertible top lock Short circuit to B+
B119913	Motor for convertible top lock Open circuit
B11994B	Motor for convertible top lock excess temperature

B-Code	B-Code Text
B11AE11	A/C compressor regulator valve Short circuit to ground
B11AE15	A/C compressor regulator valve Open circuit/short circuit to B+
B11AF00	Fresh air flap motor
B11AF01	Fresh air flap motor Electrical malfunction
B11AF04	Fresh air flap motor Faulty
B11AF07	Fresh air flap motor mechanical malfunction
B11AF1C	Fresh air flap motor Voltage implausible
B11AF21	Fresh air flap motor Lower limit not reached
B11AF22	Fresh air flap motor Upper limit exceeded
B11AF29	Fresh air flap motor Implausible signal
B11AF31	Fresh air flap motor No signal
B11AF4B	Fresh air flap motor excess temperature
B11B000	Selector knob
B11B004	Selector knob Faulty
B11B100	Left rear air outlet flap motor
B11B101	Left rear air outlet flap motor Electrical malfunction
B11B104	Left rear air outlet flap motor Faulty
B11B107	Left rear air outlet flap motor mechanical malfunction
B11B121	Left rear air outlet flap motor Lower limit not reached
B11B122	Left rear air outlet flap motor Upper limit exceeded
B11B129	Left rear air outlet flap motor Implausible signal
B11B131	Left rear air outlet flap motor No signal
B11B14B	Left rear air outlet flap motor excess temperature
B11B200	Right rear air outlet flap motor
B11B201	Right rear air outlet flap motor Electrical malfunction
B11B204	Right rear air outlet flap motor Faulty
B11B207	Right rear air outlet flap motor mechanical malfunction
B11B221	Right rear air outlet flap motor Lower limit not reached
B11B222	Right rear air outlet flap motor Upper limit exceeded
B11B229	Right rear air outlet flap motor Implausible signal
B11B231	Right rear air outlet flap motor No signal
B11B24B	Right rear air outlet flap motor excess temperature
B11B300	Igniter for high voltage battery interrupt
B11B301	Igniter for high voltage battery interrupt Electrical malfunction
B11B311	Igniter for high voltage battery interrupt Short circuit to ground
B11B312	Igniter for high voltage battery interrupt Short circuit to B+
B11B31A	Igniter for high voltage battery interrupt Resistance too low
B11B31B	Igniter for high voltage battery interrupt Resistance too high
B11B353	Igniter for high voltage battery interrupt Deactivated
B11B400	Solenoid valve for venting the lumbar support 1
B11B411	Solenoid valve for venting the lumbar support 1 Short circuit to ground
B11B412	Solenoid valve for venting the lumbar support 1 Short circuit to B+
B11B413	Solenoid valve for venting the lumbar support 1 Open circuit
B11B500	Solenoid valve for venting the lumbar support 2
B11B511	Solenoid valve for venting the lumbar support 2 Short circuit to ground
B11B512	Solenoid valve for venting the lumbar support 2 Short circuit to B+
B11B513	Solenoid valve for venting the lumbar support 2 Open circuit
B11B600	Solenoid valve for venting the lumbar support 3
B11B611	Solenoid valve for venting the lumbar support 3 Short circuit to ground
B11B612	Solenoid valve for venting the lumbar support 3 Short circuit to B+
B11B613	Solenoid valve for venting the lumbar support 3 Open circuit
B11B700	Solenoid valve for venting the left side bolsters
B11B711	Solenoid valve for venting the left side bolsters Short circuit to ground
B11B712	Solenoid valve for venting the left side bolsters Short circuit to B+
B11B713	Solenoid valve for venting the left side bolsters Open circuit
B11B800	Solenoid valve for venting the right side bolsters
B11B811	Solenoid valve for venting the right side bolsters Short circuit to ground
B11B812	Solenoid valve for venting the right side bolsters Short circuit to B+
B11B813	Solenoid valve for venting the right side bolsters Open circuit
B11B900	Solenoid valve for venting the left seatback bolster

B-Code	B-Code Text
B11B911	Solenoid valve for venting the left seatback bolster Short circuit to ground
B11B912	Solenoid valve for venting the left seatback bolster Short circuit to B+
B11B913	Solenoid valve for venting the left seatback bolster Open circuit
B11BA00	Solenoid valve for venting the right seatback bolster
B11BA11	Solenoid valve for venting the right seatback bolster Short circuit to ground
B11BA12	Solenoid valve for venting the right seatback bolster Short circuit to B+
B11BA13	Solenoid valve for venting the right seatback bolster Open circuit
B11BB00	Solenoid valve for venting the seat cushion 1
B11BB11	Solenoid valve for venting the seat cushion 1 Short circuit to ground
B11BB12	Solenoid valve for venting the seat cushion 1 Short circuit to B+
B11BB13	Solenoid valve for venting the seat cushion 1 Open circuit
B11BC00	Solenoid valve for venting the seat cushion 2
B11BC11	Solenoid valve for venting the seat cushion 2 Short circuit to ground
B11BC12	Solenoid valve for venting the seat cushion 2 Short circuit to B+
B11BC13	Solenoid valve for venting the seat cushion 2 Open circuit
B11BD00	Solenoid valve for venting the seat cushion 3
B11BD11	Solenoid valve for venting the seat cushion 3 Short circuit to ground
B11BD12	Solenoid valve for venting the seat cushion 3 Short circuit to B+
B11BD13	Solenoid valve for venting the seat cushion 3 Open circuit
B11BE00	Solenoid valve for inflating massage 1
B11BE11	Solenoid valve for inflating massage 1 Short circuit to ground
B11BE12	Solenoid valve for inflating massage 1 Short circuit to B+
B11BE13	Solenoid valve for inflating massage 1 Open circuit
B11BF00	Solenoid valve for inflating massage 2
B11BF11	Solenoid valve for inflating massage 2 Short circuit to ground
B11BF12	Solenoid valve for inflating massage 2 Short circuit to B+
B11BF13	Solenoid valve for inflating massage 2 Open circuit
B11C000	Solenoid valve for inflating massage 3
B11C011	Solenoid valve for inflating massage 3 Short circuit to ground
B11C012	Solenoid valve for inflating massage 3 Short circuit to B+
B11C013	Solenoid valve for inflating massage 3 Open circuit
B11C100	Solenoid valve for inflating massage 4
B11C111	Solenoid valve for inflating massage 4 Short circuit to ground
B11C112	Solenoid valve for inflating massage 4 Short circuit to B+
B11C113	Solenoid valve for inflating massage 4 Open circuit
B11C200	Solenoid valve for inflating massage 5
B11C211	Solenoid valve for inflating massage 5 Short circuit to ground
B11C212	Solenoid valve for inflating massage 5 Short circuit to B+
B11C213	Solenoid valve for inflating massage 5 Open circuit
B11C300	Solenoid valve for inflating massage 6
B11C311	Solenoid valve for inflating massage 6 Short circuit to ground
B11C312	Solenoid valve for inflating massage 6 Short circuit to B+
B11C313	Solenoid valve for inflating massage 6 Open circuit
B11C400	Solenoid valve for inflating massage 7
B11C411	Solenoid valve for inflating massage 7 Short circuit to ground
B11C412	Solenoid valve for inflating massage 7 Short circuit to B+
B11C413	Solenoid valve for inflating massage 7 Open circuit
B11C500	Solenoid valve for inflating massage 8
B11C511	Solenoid valve for inflating massage 8 Short circuit to ground
B11C512	Solenoid valve for inflating massage 8 Short circuit to B+
B11C513	Solenoid valve for inflating massage 8 Open circuit
B11C600	Solenoid valve for inflating massage 9
B11C611	Solenoid valve for inflating massage 9 Short circuit to ground
B11C612	Solenoid valve for inflating massage 9 Short circuit to B+
B11C613	Solenoid valve for inflating massage 9 Open circuit
B11C700	Solenoid valve for inflating massage 10
B11C711	Solenoid valve for inflating massage 10 Short circuit to ground
B11C712	Solenoid valve for inflating massage 10 Short circuit to B+
B11C713	Solenoid valve for inflating massage 10 Open circuit
B11C800	Leak detected

B-Code	B-Code Text
B11C8F0	Leak detected Lumbar support 1
B11C8F1	Leak detected Lumbar support 2
B11C8F2	Leak detected Lumbar support 3
B11C8F3	Leak detected Left side bolster
B11C8F4	Leak detected Right side side bolster
B11C8F5	Leak detected Left seatback side bolster
B11C8F6	Leak detected Right seatback side bolster
B11C8F7	Leak detected Seat cushion 1
B11C8F8	Leak detected Compressor
B11C8F9	Leak detected Seat cushion 2
B11C8FA	Leak detected Seat cushion 3
B11C8FB	Leak detected Valves for massage 1-5
B11C8FC	Leak detected Valves for massage 6-10
B11C900	Solenoid valve for bleeding lumbar support 1
B11C911	Solenoid valve for bleeding lumbar support 1 Short circuit to ground
B11C912	Solenoid valve for bleeding lumbar support 1 Short circuit to B+
B11C913	Solenoid valve for bleeding lumbar support 1 Open circuit
B11CA00	Solenoid valve for bleeding lumbar support 2
B11CA11	Solenoid valve for bleeding lumbar support 2 Short circuit to ground
B11CA12	Solenoid valve for bleeding lumbar support 2 Short circuit to B+
B11CA13	Solenoid valve for bleeding lumbar support 2 Open circuit
B11CB00	Solenoid valve for bleeding lumbar support 3
B11CB11	Solenoid valve for bleeding lumbar support 3 Short circuit to ground
B11CB12	Solenoid valve for bleeding lumbar support 3 Short circuit to B+
B11CB13	Solenoid valve for bleeding lumbar support 3 Open circuit
B11CC00	Solenoid valve for bleeding side bolsters
B11CC11	Solenoid valve for bleeding side bolsters Short circuit to ground
B11CC12	Solenoid valve for bleeding side bolsters Short circuit to B+
B11CC13	Solenoid valve for bleeding side bolsters Open circuit
B11CD00	Compressor for multicontour seat
B11CD11	Compressor for multicontour seat Short circuit to ground
B11CD12	Compressor for multicontour seat Short circuit to B+
B11CD13	Compressor for multicontour seat Open circuit
B11CDF0	Compressor for multicontour seat locked
B11CE00	Windshield heater for front sensor system
B11CE11	Windshield heater for front sensor system Short circuit to ground
B11CE15	Windshield heater for front sensor system Open circuit/short circuit to B+
B11CF00	Tuner for satellite radio
B11CF53	Tuner for satellite radio Deactivated
B11CF54	Tuner for satellite radio No basic setting
B11CF96	Tuner for satellite radio Internal malfunction
B11D000	Solenoid valve for ventilation of seat cushions
B11D011	Solenoid valve for ventilation of seat cushions Short circuit to ground
B11D012	Solenoid valve for ventilation of seat cushions Short circuit to B+
B11D013	Solenoid valve for ventilation of seat cushions Open circuit
B11D100	Coding pin
B11D129	Coding pin Implausible signal
B11D200	Activation of motors for automatic sliding door
B11D21C	Activation of motors for automatic sliding door Voltage implausible
B11D300	Pre-engage contact f rotary latch or detect left/right install
B11D312	Pre-engage contact f rotary latch or detect left/right install Short circuit to B+
B11D400	Camera heating
B11D401	Camera heating Electrical malfunction
B11D500	Supply voltage terminal 30 for coolant circulation pump
B11D501	Supply voltage terminal 30 for coolant circulation pump Electrical malfunction
B11D600	Terminal 15 redundancy
B11D611	Terminal 15 redundancy Short circuit to ground
B11D612	Terminal 15 redundancy Short circuit to B+
B11D700	Ignition starter button
B11D711	Ignition starter button Short circuit to ground

B-Code	B-Code Text
B11D729	Ignition starter button Implausible signal
B11D800	Terminal 15 via CAN
B11D829	Terminal 15 via CAN Implausible signal
B11D8F0	Terminal 15 via CAN with steering column locked
B11D900	Motor 1 for rear lid
B11D901	Motor 1 for rear lid Electrical malfunction
B11D913	Motor 1 for rear lid Open circuit
B11DA00	Motor 2 for rear lid
B11DA01	Motor 2 for rear lid Electrical malfunction
B11DA13	Motor 2 for rear lid Open circuit
B11DB00	Pinch protection strip 1
B11DB02	Pinch protection strip 1 Signal error
B11DB11	Pinch protection strip 1 Short circuit to ground
B11DB12	Pinch protection strip 1 Short circuit to B+
B11DB13	Pinch protection strip 1 Open circuit
B11DB29	Pinch protection strip 1 Implausible signal
B11DC00	Pinch protection strip 2
B11DC02	Pinch protection strip 2 Signal error
B11DC11	Pinch protection strip 2 Short circuit to ground
B11DC12	Pinch protection strip 2 Short circuit to B+
B11DC13	Pinch protection strip 2 Open circuit
B11DC29	Pinch protection strip 2 Implausible signal
B11DD00	Pinch protection strip 3
B11DD02	Pinch protection strip 3 Signal error
B11DD11	Pinch protection strip 3 Short circuit to ground
B11DD12	Pinch protection strip 3 Short circuit to B+
B11DD13	Pinch protection strip 3 Open circuit
B11DD29	Pinch protection strip 3 Implausible signal
B11DE00	Pinch protection strip 4
B11DE02	Pinch protection strip 4 Signal error
B11DE11	Pinch protection strip 4 Short circuit to ground
B11DE12	Pinch protection strip 4 Short circuit to B+
B11DE13	Pinch protection strip 4 Open circuit
B11DE29	Pinch protection strip 4 Implausible signal
B11DF00	Warning buzzer for rear hatch
B11DF11	Warning buzzer for rear hatch Short circuit to ground
B11DF12	Warning buzzer for rear hatch Short circuit to B+
B11DF13	Warning buzzer for rear hatch Open circuit
B11E000	Central locking button
B11E013	Central locking button Open circuit
B11E100	Video line for night vision system
B11E101	Video line for night vision system Electrical malfunction
B11E104	Video line for night vision system Faulty
B11E111	Video line for night vision system Short circuit to ground
B11E112	Video line for night vision system Short circuit to B+
B11E129	Video line for night vision system Implausible signal
B11E200	Video line 2 for night vision system
B11E201	Video line 2 for night vision system Electrical malfunction
B11E212	Video line 2 for night vision system Short circuit to B+
B11E300	Ionizer
B11E304	Ionizer Faulty
B11E329	Ionizer Implausible signal
B11E331	Ionizer No signal
B11E400	Ionizer button
B11E429	Ionizer button Implausible signal
B11E500	Ionizer check light
B11E501	Ionizer check light Electrical malfunction
B11E600	Emergency flasher button
B11E629	Emergency flasher button Implausible signal
B11E700	Check lamp for four-way flashers

B-Code	B-Code Text
B11E711	Check lamp for four-way flashers Short circuit to ground
B11E713	Check lamp for four-way flashers Open circuit
B11E715	Check lamp for four-way flashers Open circuit/short circuit to B+
B11E800	Left Front Turn Signal Lamp
B11E801	Left Front Turn Signal Lamp Electrical malfunction
B11E811	Left Front Turn Signal Lamp Short circuit to ground
B11E813	Left Front Turn Signal Lamp Open circuit
B11E815	Left Front Turn Signal Lamp Open circuit/short circuit to B+
B11E900	Left Rear Turn Signal Lamp
B11E901	Left Rear Turn Signal Lamp Electrical malfunction
B11E911	Left Rear Turn Signal Lamp Short circuit to ground
B11E913	Left Rear Turn Signal Lamp Open circuit
B11E915	Left Rear Turn Signal Lamp Open circuit/short circuit to B+
B11EA00	Right Front Turn Signal Lamp
B11EA01	Right Front Turn Signal Lamp Electrical malfunction
B11EA11	Right Front Turn Signal Lamp Short circuit to ground
B11EA13	Right Front Turn Signal Lamp Open circuit
B11EA15	Right Front Turn Signal Lamp Open circuit/short circuit to B+
B11EB00	Right Rear Turn Signal Lamp
B11EB01	Right Rear Turn Signal Lamp Electrical malfunction
B11EB11	Right Rear Turn Signal Lamp Short circuit to ground
B11EB13	Right Rear Turn Signal Lamp Open circuit
B11EB15	Right Rear Turn Signal Lamp Open circuit/short circuit to B+
B11EC00	Motor for front window regulator
B11EC01	Motor for front window regulator Electrical malfunction
B11EC07	Motor for front window regulator mechanical malfunction
B11EC13	Motor for front window regulator Open circuit
B11EC4B	Motor for front window regulator excess temperature
B11EC54	Motor for front window regulator No basic setting
B11ED00	Rear door control module
B11ED04	Rear door control module Faulty
B11EDF0	Rear door control module Supply voltage too low
B11EDF1	Rear door control module Supply voltage too high
B11EDF2	Rear door control module not coded
B11EDF3	Rear door control module Local data bus no communication
B11EE00	Motor for rear window regulator
B11EE01	Motor for rear window regulator Electrical malfunction
B11EE4B	Motor for rear window regulator excess temperature
B11EE54	Motor for rear window regulator No basic setting
B11EF00	Button for tank lid unlock
B11EF29	Button for tank lid unlock Implausible signal
B11F000	Window regulator button, driver side
B11F029	Window regulator button, driver side Implausible signal
B11F100	Window regulator button, passenger side
B11F129	Window regulator button, passenger side Implausible signal
B11F200	Button for rear window regulator
B11F229	Button for rear window regulator Implausible signal
B11F300	Mirror adjustment switch
B11F329	Mirror adjustment switch Implausible signal
B11F400	Mirror adjusting motor
B11F401	Mirror adjusting motor Electrical malfunction
B11F411	Mirror adjusting motor Short circuit to ground
B11F412	Mirror adjusting motor Short circuit to B+
B11F500	Front door warning light
B11F501	Front door warning light Electrical malfunction
B11F600	Motor for mirror fold-in
B11F601	Motor for mirror fold-in Electrical malfunction
B11F607	Motor for mirror fold-in mechanical malfunction
B11F700	Rear door warning light
B11F701	Rear door warning light Electrical malfunction

B-Code	B-Code Text
B11F800	Heated outside rear-view mirror
B11F814	Heated outside rear-view mirror Open circuit/short circuit to ground
B11F900	Entry light in exterior mirror
B11F901	Entry light in exterior mirror Electrical malfunction
B11FA00	Position sensor for mirror adjustment
B11FA29	Position sensor for mirror adjustment Implausible signal
B11FB00	Light for interior door handle illumination
B11FB11	Light for interior door handle illumination Short circuit to ground
B11FC00	Light for rear interior door handle illumination
B11FC11	Light for rear interior door handle illumination Short circuit to ground
B11FD00	Turn signal in exterior rear-view mirror
B11FD01	Turn signal in exterior rear-view mirror Electrical malfunction
B11FD13	Turn signal in exterior rear-view mirror Open circuit
B11FE00	Button for trip odometer reset
B11FE07	Button for trip odometer reset mechanical malfunction
B11FE13	Button for trip odometer reset Open circuit
B11FF00	Footwell lighting
B11FF01	Footwell lighting Electrical malfunction
B11FF11	Footwell lighting Short circuit to ground
B11FF12	Footwell lighting Short circuit to B+
B11FF13	Footwell lighting Open circuit
B120000	Interior light delay (dimmer)
B120012	Interior light delay (dimmer) Short circuit to B+
B120013	Interior light delay (dimmer) Open circuit
B120014	Interior light delay (dimmer) Open circuit/short circuit to ground
B120100	Instrument panel illumination dimmer switch
B120111	Instrument panel illumination dimmer switch Short circuit to ground
B120121	Instrument panel illumination dimmer switch Lower limit not reached
B120122	Instrument panel illumination dimmer switch Upper limit exceeded
B120129	Instrument panel illumination dimmer switch Implausible signal
B120200	Reversible belt tensioner function
B120216	Reversible belt tensioner function Voltage too low
B120217	Reversible belt tensioner function Voltage too high
B1202F0	Reversible belt tensioner function Not available
B120300	Microphone 1 for driver side
B120301	Microphone 1 for driver side Electrical malfunction
B120311	Microphone 1 for driver side Short circuit to ground
B120312	Microphone 1 for driver side Short circuit to B+
B120313	Microphone 1 for driver side Open circuit
B120400	Microphone 2 for driver side
B120401	Microphone 2 for driver side Electrical malfunction
B120411	Microphone 2 for driver side Short circuit to ground
B120412	Microphone 2 for driver side Short circuit to B+
B120413	Microphone 2 for driver side Open circuit
B120500	Microphone 3 for driver side
B120501	Microphone 3 for driver side Electrical malfunction
B120511	Microphone 3 for driver side Short circuit to ground
B120512	Microphone 3 for driver side Short circuit to B+
B120513	Microphone 3 for driver side Open circuit
B120600	Microphone 1 for passenger side
B120601	Microphone 1 for passenger side Electrical malfunction
B120611	Microphone 1 for passenger side Short circuit to ground
B120612	Microphone 1 for passenger side Short circuit to B+
B120613	Microphone 1 for passenger side Open circuit
B120700	Microphone 2 for passenger side
B120701	Microphone 2 for passenger side Electrical malfunction
B120711	Microphone 2 for passenger side Short circuit to ground
B120712	Microphone 2 for passenger side Short circuit to B+
B120713	Microphone 2 for passenger side Open circuit
B120800	Microphone 3 for passenger side

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B-Code	B-Code Text
B120801	Microphone 3 for passenger side Electrical malfunction
B120811	Microphone 3 for passenger side Short circuit to ground
B120812	Microphone 3 for passenger side Short circuit to B+
B120813	Microphone 3 for passenger side Open circuit
B120900	Switch-on signal for control module
B120902	Switch-on signal for control module Signal error
B120A00	Hall sensor in motor 2 for rear hatch
B120A02	Hall sensor in motor 2 for rear hatch Signal error
B120A11	Hall sensor in motor 2 for rear hatch Short circuit to ground
B120A12	Hall sensor in motor 2 for rear hatch Short circuit to B+
B120A14	Hall sensor in motor 2 for rear hatch Open circuit/short circuit to ground
B120A15	Hall sensor in motor 2 for rear hatch Open circuit/short circuit to B+
B120B00	Play protection active
B120C00	Sensor 1 for rear hatch position
B120C11	Sensor 1 for rear hatch position Short circuit to ground
B120C12	Sensor 1 for rear hatch position Short circuit to B+
B120C13	Sensor 1 for rear hatch position Open circuit
B120C29	Sensor 1 for rear hatch position Implausible signal
B120D00	Sensor 2 for rear hatch position
B120D11	Sensor 2 for rear hatch position Short circuit to ground
B120D12	Sensor 2 for rear hatch position Short circuit to B+
B120D13	Sensor 2 for rear hatch position Open circuit
B120D29	Sensor 2 for rear hatch position Implausible signal
B120E00	Igniter for driver air bag release valve
B120E01	Igniter for driver air bag release valve Electrical malfunction
B120E11	Igniter for driver air bag release valve Short circuit to ground
B120E12	Igniter for driver air bag release valve Short circuit to B+
B120E1A	Igniter for driver air bag release valve Resistance too low
B120E1B	Igniter for driver air bag release valve Resistance too high
B120E53	Igniter for driver air bag release valve Deactivated
B120F00	Igniter for passenger air bag release valve
B120F01	Igniter for passenger air bag release valve Electrical malfunction
B120F11	Igniter for passenger air bag release valve Short circuit to ground
B120F12	Igniter for passenger air bag release valve Short circuit to B+
B120F1A	Igniter for passenger air bag release valve Resistance too low
B120F1B	Igniter for passenger air bag release valve Resistance too high
B120F53	Igniter for passenger air bag release valve Deactivated
B121000	Remote rear lid unlocking button
B121029	Remote rear lid unlocking button Implausible signal
B121100	Hall sensor in motor 1 for rear hatch
B121102	Hall sensor in motor 1 for rear hatch Signal error
B121111	Hall sensor in motor 1 for rear hatch Short circuit to ground
B121112	Hall sensor in motor 1 for rear hatch Short circuit to B+
B121200	Motor 1 for rear lid
B121218	Motor 1 for rear lid Insufficient current
B121219	Motor 1 for rear lid Excess current
B12121D	Motor 1 for rear lid Current implausible
B121300	Relay for coolant pump and auxiliary air heater
B121304	Relay for coolant pump and auxiliary air heater Faulty
B121316	Relay for coolant pump and auxiliary air heater Voltage too low
B121317	Relay for coolant pump and auxiliary air heater Voltage too high
B121331	Relay for coolant pump and auxiliary air heater No signal
B121400	Function restriction of seat occupied recognition due to environmental influences
B121500	Luggage compartment light
B121511	Luggage compartment light Short circuit to ground
B121513	Luggage compartment light Open circuit
B121515	Luggage compartment light Open circuit/short circuit to B+
B121600	Lamp for engine compartment lighting
B121611	Lamp for engine compartment lighting Short circuit to ground
B121613	Lamp for engine compartment lighting Open circuit

B-Code	B-Code Text
B121615	Lamp for engine compartment lighting Open circuit/short circuit to B+
B121700	Left low beam headlamp
B121711	Left low beam headlamp Short circuit to ground
B121713	Left low beam headlamp Open circuit
B121715	Left low beam headlamp Open circuit/short circuit to B+
B121800	Right low beam headlamp
B121811	Right low beam headlamp Short circuit to ground
B121813	Right low beam headlamp Open circuit
B121815	Right low beam headlamp Open circuit/short circuit to B+
B121900	Left High Beam Headlamp
B121911	Left High Beam Headlamp Short circuit to ground
B121913	Left High Beam Headlamp Open circuit
B121915	Left High Beam Headlamp Open circuit/short circuit to B+
B121A00	Right high beam headlamp
B121A11	Right high beam headlamp Short circuit to ground
B121A13	Right high beam headlamp Open circuit
B121A15	Right high beam headlamp Open circuit/short circuit to B+
B121B00	Left low beam reflector motor
B121B11	Left low beam reflector motor Short circuit to ground
B121B13	Left low beam reflector motor Open circuit
B121B15	Left low beam reflector motor Open circuit/short circuit to B+
B121C00	Right low beam reflector motor
B121C11	Right low beam reflector motor Short circuit to ground
B121C13	Right low beam reflector motor Open circuit
B121C15	Right low beam reflector motor Open circuit/short circuit to B+
B121D00	Left Daytime Running Light (DRL) Lamp
B121D11	Left Daytime Running Light (DRL) Lamp Short circuit to ground
B121D13	Left Daytime Running Light (DRL) Lamp Open circuit
B121D15	Left Daytime Running Light (DRL) Lamp Open circuit/short circuit to B+
B121E00	Right Daytime Running Light (DRL) Lamp
B121E11	Right Daytime Running Light (DRL) Lamp Short circuit to ground
B121E13	Right Daytime Running Light (DRL) Lamp Open circuit
B121E15	Right Daytime Running Light (DRL) Lamp Open circuit/short circuit to B+
B121F00	Left fog light lamp
B121F11	Left fog light lamp Short circuit to ground
B121F13	Left fog light lamp Open circuit
B121F15	Left fog light lamp Open circuit/short circuit to B+
B122000	Right fog light lamp
B122011	Right fog light lamp Short circuit to ground
B122013	Right fog light lamp Open circuit
B122015	Right fog light lamp Open circuit/short circuit to B+
B122100	static left AFS light
B122111	static left AFS light Short circuit to ground
B122113	static left AFS light Open circuit
B122115	static left AFS light Open circuit/short circuit to B+
B122200	static right AFS light
B122211	static right AFS light Short circuit to ground
B122213	static right AFS light Open circuit
B122215	static right AFS light Open circuit/short circuit to B+
B122300	Rear window wiper motor
B122311	Rear window wiper motor Short circuit to ground
B122313	Rear window wiper motor Open circuit
B122315	Rear window wiper motor Open circuit/short circuit to B+
B122400	Spray nozzle heater
B122411	Spray nozzle heater Short circuit to ground
B122415	Spray nozzle heater Open circuit/short circuit to B+
B122511	Seat occupied recognition sensor mat Short circuit to ground
B122512	Seat occupied recognition sensor mat Short circuit to B+
B12251A	Seat occupied recognition sensor mat Resistance too low
B12251B	Seat occupied recognition sensor mat Resistance too high

B-Code	B-Code Text
B122600	Restricted inverter function due to excessive temperature
B122700	Restricted inverter function due to overload
B122800	Restricted inverter function due to overcurrent, primary
B122900	Restricted inverter function due to overcurrent, secondary
B122A04	Inverter Faulty
B122B00	Central locking motors
B122B01	Central locking motors Electrical malfunction
B122B11	Central locking motors Short circuit to ground
B122B12	Central locking motors Short circuit to B+
B122C00	Central locking motors, rear
B122C01	Central locking motors, rear Electrical malfunction
B122D00	Central locking switch
B122D29	Central locking switch Implausible signal
B122E00	Central locking switch, rear
B122E29	Central locking switch, rear Implausible signal
B122F00	Lock unit for central locking
B122F29	Lock unit for central locking Implausible signal
B123000	Button for interior lock
B123029	Button for interior lock Implausible signal
B123100	Button for interior lock, rear
B123129	Button for interior lock, rear Implausible signal
B123200	Air distribution flap side and center vent motor
B123211	Air distribution flap side and center vent motor Short circuit to ground
B123212	Air distribution flap side and center vent motor Short circuit to B+
B123213	Air distribution flap side and center vent motor Open circuit
B123254	Air distribution flap side and center vent motor No basic setting
B123271	Air distribution flap side and center vent motor Actuator jammed
B123300	Side/center vent air distribution flap motor potentiometer
B123311	Side/center vent air distribution flap motor potentiometer Short circuit to ground
B123315	Side/center vent air distribution flap motor potentiometer Open circuit/short circuit to B+
B123400	Front footwell air distribution flap motor
B123411	Front footwell air distribution flap motor Short circuit to ground
B123412	Front footwell air distribution flap motor Short circuit to B+
B123413	Front footwell air distribution flap motor Open circuit
B123454	Front footwell air distribution flap motor No basic setting
B123471	Front footwell air distribution flap motor Actuator jammed
B123500	Front footwell air distribution flap motor potentiometer
B123511	Front footwell air distribution flap motor potentiometer Short circuit to ground
B123515	Front footwell air distribution flap motor potentiometer Open circuit/short circuit to B+
B123600	Rear air distribution flap motor 2
B123611	Rear air distribution flap motor 2 Short circuit to ground
B123612	Rear air distribution flap motor 2 Short circuit to B+
B123613	Rear air distribution flap motor 2 Open circuit
B123654	Rear air distribution flap motor 2 No basic setting
B123671	Rear air distribution flap motor 2 Actuator jammed
B123700	Rear air distribution flap motor potentiometer 2
B123711	Rear air distribution flap motor potentiometer 2 Short circuit to ground
B123715	Rear air distribution flap motor potentiometer 2 Open circuit/short circuit to B+
B123800	Instrument panel insert buttons
B123807	Instrument panel insert buttons mechanical malfunction
B123900	Supply voltage for roof microphone
B12391C	Supply voltage for roof microphone Voltage implausible
B123A00	Switch for bottom convertible top compartment cover
B123A29	Switch for bottom convertible top compartment cover Implausible signal
B123B00	Switch for left convertible top compartment cover closed
B123B29	Switch for left convertible top compartment cover closed Implausible signal
B123C00	Switch for right convertible top compartment cover closed
B123C29	Switch for right convertible top compartment cover closed Implausible signal
B123D00	Switch for left convertible top compartment cover open
B123D29	Switch for left convertible top compartment cover open Implausible signal

B-Code	B-Code Text
B123E00	Switch for right convertible top compartment cover open
B123E29	Switch for right convertible top compartment cover open Implausible signal
B123F00	Switch for top flaps retracted
B123F29	Switch for top flaps retracted Implausible signal
B124000	Switch for top flaps in center position
B124029	Switch for top flaps in center position Implausible signal
B124100	Switch for top flaps extended
B124129	Switch for top flaps extended Implausible signal
B124200	Switch for rear window in center position
B124229	Switch for rear window in center position Implausible signal
B124300	Switch for rear window in bottom position
B124329	Switch for rear window in bottom position Implausible signal
B124400	Rear window button
B124429	Rear window button Implausible signal
B124500	Rear window motor
B124501	Rear window motor Electrical malfunction
B124511	Rear window motor Short circuit to ground
B124512	Rear window motor Short circuit to B+
B124513	Rear window motor Open circuit
B124600	Top flap motor
B124601	Top flap motor Electrical malfunction
B124611	Top flap motor Short circuit to ground
B124612	Top flap motor Short circuit to B+
B124613	Top flap motor Open circuit
B124700	Power convertible top valve 4
B124701	Power convertible top valve 4 Electrical malfunction
B124897	Electrical Steering Column Lock blocked
B124900	Hydraulic pump supply voltage
B124901	Hydraulic pump supply voltage Electrical malfunction
B124A00	Hydraulic pump supply voltage 2
B124A01	Hydraulic pump supply voltage 2 Electrical malfunction
B124B00	Coolant pump
B124B11	Coolant pump Short circuit to ground
B124B12	Coolant pump Short circuit to B+
B124B13	Coolant pump Open circuit
B124C00	Water valve
B124C11	Water valve Short circuit to ground
B124C12	Water valve Short circuit to B+
B124C13	Water valve Open circuit
B124D00	Antenna 1 for TV
B124D11	Antenna 1 for TV Short circuit to ground
B124E00	Antenna 1 for TV TV tuner-antenna module
B124E13	Antenna 1 for TV TV tuner-antenna module Open circuit
B124F00	Antenna 1 for TV antenna module - antenna
B124F13	Antenna 1 for TV antenna module - antenna Open circuit
B125000	Antenna 2 for TV
B125011	Antenna 2 for TV Short circuit to ground
B125100	Antenna 2 for TV TV tuner-antenna module
B125113	Antenna 2 for TV TV tuner-antenna module Open circuit
B125200	Antenna 2 for TV antenna module - antenna
B125213	Antenna 2 for TV antenna module - antenna Open circuit
B125300	Antenna 3 for TV
B125311	Antenna 3 for TV Short circuit to ground
B125400	Antenna 3 for TV TV tuner-antenna module
B125413	Antenna 3 for TV TV tuner-antenna module Open circuit
B125500	Antenna 3 for TV antenna module - antenna
B125513	Antenna 3 for TV antenna module - antenna Open circuit
B125600	Antenna 4 for TV
B125611	Antenna 4 for TV Short circuit to ground
B125700	Antenna 4 for TV TV tuner-antenna module

B-Code	B-Code Text
B125713	Antenna 4 for TV TV tuner-antenna module Open circuit
B125800	Antenna 4 for TV antenna module - antenna
B125813	Antenna 4 for TV antenna module - antenna Open circuit
B125900	Antenna 5 for TV
B125911	Antenna 5 for TV Short circuit to ground
B125A00	Antenna 5 for TV TV tuner-antenna module
B125A13	Antenna 5 for TV TV tuner-antenna module Open circuit
B125B00	Antenna 5 for TV antenna module - antenna
B125B13	Antenna 5 for TV antenna module - antenna Open circuit
B125C00	Video line
B125C11	Video line Short circuit to ground
B125C12	Video line Short circuit to B+
B125C13	Video line Open circuit
B125C29	Video line Implausible signal
B125D00	TV card reader
B125D11	TV card reader Short circuit to ground
B125D13	TV card reader Open circuit
B125D31	TV card reader No signal
B125E00	Data medium
B125E11	Data medium Short circuit to ground
B125E31	Data medium No signal
B125F00	Closing Assist Motor
B125F14	Closing Assist Motor Open circuit/short circuit to ground
B126000	Potentiometer for rear temperature temperature selection
B126001	Potentiometer for rear temperature temperature selection Electrical malfunction
B126011	Potentiometer for rear temperature temperature selection Short circuit to ground
B126015	Potentiometer for rear temperature temperature selection Open circuit/short circuit to B+
B126100	Windshield washer pump
B126101	Windshield washer pump Electrical malfunction
B126200	Headlight washer system relay
B126212	Headlight washer system relay Short circuit to B+
B126214	Headlight washer system relay Open circuit/short circuit to ground
B126300	Tank lid unlock activation
B126301	Tank lid unlock activation Electrical malfunction
B126400	heated front windshield
B126401	heated front windshield Electrical malfunction
B126411	heated front windshield Short circuit to ground
B126412	heated front windshield Short circuit to B+
B126413	heated front windshield Open circuit
B126414	heated front windshield Open circuit/short circuit to ground
B126500	Heated rear window
B126501	Heated rear window Electrical malfunction
B126512	Heated rear window Short circuit to B+
B126514	Heated rear window Open circuit/short circuit to ground
B126600	Heated rear window button
B126629	Heated rear window button Implausible signal
B126700	Button for heated windshield
B126729	Button for heated windshield Implausible signal
B126800	Heated rear window indicator light
B126811	Heated rear window indicator light Short circuit to ground
B126815	Heated rear window indicator light Open circuit/short circuit to B+
B126900	Heated windshield indicator light
B126911	Heated windshield indicator light Short circuit to ground
B126915	Heated windshield indicator light Open circuit/short circuit to B+
B126A00	Light switch
B126A29	Light switch Implausible signal
B126B00	Housing fan
B126B01	Housing fan Electrical malfunction
B126C00	Navigation system
B126C54	Navigation system No basic setting

B-Code	B-Code Text
B126CF0	Navigation system Navigation database malfunctioning
B126CF1	Navigation system Navigation database not present
B126CF2	Navigation system Navigation database not enabled
B126D00	Antenna amplifier 1 for radio
B126D13	Antenna amplifier 1 for radio Open circuit
B126E00	Antenna amplifier 2 for radio
B126E13	Antenna amplifier 2 for radio Open circuit
B126F00	Digital radio antenna 2
B126F11	Digital radio antenna 2 Short circuit to ground
B126F13	Digital radio antenna 2 Open circuit
B127000	Antenna amplifier 1 for digital radio
B127013	Antenna amplifier 1 for digital radio Open circuit
B127100	Antenna amplifier 2 for digital radio
B127113	Antenna amplifier 2 for digital radio Open circuit
B127200	Connection from antenna amplifier 1 for radio and antenna
B127213	Connection from antenna amplifier 1 for radio and antenna Open circuit
B127300	Connection from antenna amplifier 2 for radio and antenna
B127313	Connection from antenna amplifier 2 for radio and antenna Open circuit
B127400	Connec from antenna amplifier 1 f digital radio and antenna
B127413	Connec from antenna amplifier 1 f digital radio and antenna Open circuit
B127500	Connec from antenna amplifier 2 f digital radio and antenna
B127513	Connec from antenna amplifier 2 f digital radio and antenna Open circuit
B127600	Connection for headphones 1
B127613	Connection for headphones 1 Open circuit
B127700	Connection for headphones 2
B127713	Connection for headphones 2 Open circuit
B127800	Wire for video signal from front environmental camera
B127801	Wire for video signal from front environmental camera Electrical malfunction
B127811	Wire for video signal from front environmental camera Short circuit to ground
B127812	Wire for video signal from front environmental camera Short circuit to B+
B127813	Wire for video signal from front environmental camera Open circuit
B127829	Wire for video signal from front environmental camera Implausible signal
B127900	Wire for video signal from rear environmental camera
B127901	Wire for video signal from rear environmental camera Electrical malfunction
B127929	Wire for video signal from rear environmental camera Implausible signal
B127A00	Wire for video signal from left environmental camera
B127A01	Wire for video signal from left environmental camera Electrical malfunction
B127A11	Wire for video signal from left environmental camera Short circuit to ground
B127A12	Wire for video signal from left environmental camera Short circuit to B+
B127A13	Wire for video signal from left environmental camera Open circuit
B127A29	Wire for video signal from left environmental camera Implausible signal
B127B00	Wire for video signal from right environmental camera
B127B01	Wire for video signal from right environmental camera Electrical malfunction
B127B11	Wire for video signal from right environmental camera Short circuit to ground
B127B12	Wire for video signal from right environmental camera Short circuit to B+
B127B13	Wire for video signal from right environmental camera Open circuit
B127B29	Wire for video signal from right environmental camera Implausible signal
B127C00	Front environmental camera
B127C04	Front environmental camera Faulty
B127C4B	Front environmental camera excess temperature
B127C54	Front environmental camera No basic setting
B127CF0	Front environmental camera Calibration failed
B127D00	Rear environmental camera
B127D04	Rear environmental camera Faulty
B127D4B	Rear environmental camera excess temperature
B127D54	Rear environmental camera No basic setting
B127DF0	Rear environmental camera Calibration failed
B127E00	Left environmental camera
B127E04	Left environmental camera Faulty
B127E4B	Left environmental camera excess temperature

B-Code	B-Code Text
B127E54	Left environmental camera No basic setting
B127EF0	Left environmental camera Calibration failed
B127F00	Right environmental camera
B127F04	Right environmental camera Faulty
B127F4B	Right environmental camera excess temperature
B127F54	Right environmental camera No basic setting
B127FF0	Right environmental camera Calibration failed
B128000	Control module not adapted
B128100	Humidity sensor
B128104	Humidity sensor Faulty
B128129	Humidity sensor Implausible signal
B128131	Humidity sensor No signal
B128200	Refrigerant pressure sensor
B128211	Refrigerant pressure sensor Short circuit to ground
B128214	Refrigerant pressure sensor Open circuit/short circuit to ground
B128300	Refrigerant circuit pressure
B128354	Refrigerant circuit pressure No basic setting
B128400	Supply voltage for front environmental camera
B128412	Supply voltage for front environmental camera Short circuit to B+
B128414	Supply voltage for front environmental camera Open circuit/short circuit to ground
B128500	Supply voltage for rear environmental camera
B128512	Supply voltage for rear environmental camera Short circuit to B+
B128514	Supply voltage for rear environmental camera Open circuit/short circuit to ground
B128600	Supply voltage for left environmental camera
B128612	Supply voltage for left environmental camera Short circuit to B+
B128614	Supply voltage for left environmental camera Open circuit/short circuit to ground
B128700	Supply voltage for right environmental camera
B128712	Supply voltage for right environmental camera Short circuit to B+
B128714	Supply voltage for right environmental camera Open circuit/short circuit to ground
B128800	Interface for external multimedia devices (MEDIA-IN)
B128813	Interface for external multimedia devices (MEDIA-IN) Open circuit
B128900	Switch for front outside or inside door handle
B128929	Switch for front outside or inside door handle Implausible signal
B128A00	Switch for rear outside or inside door handle
B128A29	Switch for rear outside or inside door handle Implausible signal
B128B00	Incorrect key programming - remote control
B128C00	Power convertible top valve 5
B128C01	Power convertible top valve 5 Electrical malfunction
B128D00	Power convertible top valve 6
B128D01	Power convertible top valve 6 Electrical malfunction
B128E00	Traffic data antenna
B128E31	Traffic data antenna No signal
B128F00	Chip Card Reader Control Module
B128F31	Chip Card Reader Control Module No signal
B129000	DSRC antenna
B129011	DSRC antenna Short circuit to ground
B129013	DSRC antenna Open circuit
B129100	Multimedia system control unit
B129101	Multimedia system control unit Electrical malfunction
B129107	Multimedia system control unit mechanical malfunction
B1291F0	Multimedia system control unit Reset wire electrical malfunction
B1291F1	Multimedia system control unit Remote control receiver
B1291F2	Multimedia system control unit Rotary control for menu selection
B1291F3	Multimedia system control unit Button for selection media source "MEDIA"
B1291F4	Multimedia system control unit Button for telephone book "NAME"
B1291F5	Multimedia system control unit Button for telephone "TEL"
B1291F6	Multimedia system control unit Button for navigation "NAV"
B1291F7	Multimedia system control unit Button for traffic data "INFO"
B1291F8	Multimedia system control unit Button for vehicle setting "CAR"
B1291F9	Multimedia system control unit Button for device setting "SETUP"

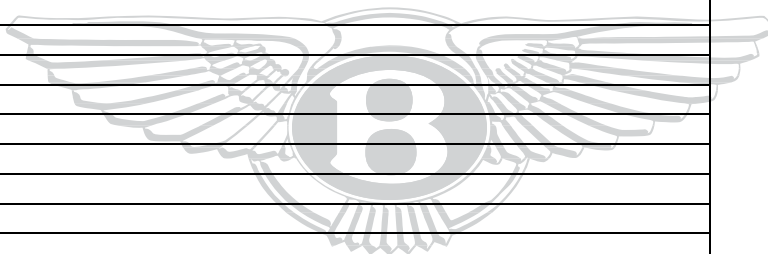
B-Code	B-Code Text
B1291FA	Multimedia system control unit Left arrow button
B1291FB	Multimedia system control unit Right arrow button
B1291FC	Multimedia system control unit Button for radio
B1291FD	Multimedia system control unit Button for main menu "MENU"
B1291FE	Multimedia system control unit Button for mute function "MUTE"
B1291FF	Multimedia system control unit Button for voice operation "PTT"
B129200	Remote control 1 for information electronics
B129207	Remote control 1 for information electronics mechanical malfunction
B129300	Switch for left convertible top compartment cover lock locked
B129329	Switch for left convertible top compartment cover lock locked Implausible signal
B129400	Switch for right convertible top compartment cover lock locked
B129429	Switch for right convertible top compartment cover lock locked Implausible signal
B129500	Switch f left convert top compartment cover lock unlocked
B129529	Switch f left convert top compartment cover lock unlocked Implausible signal
B129600	Switch f right convertible top compartment cover lock unlocked
B129629	Switch f right convertible top compartment cover lock unlocked Implausible signal
B129700	Display unit 1 for multimedia system
B129704	Display unit 1 for multimedia system Faulty
B12974A	Display unit 1 for multimedia system Incorrect component installed
B1297F0	Display unit 1 for multimedia system Background illumination short circuit
B1297F1	Display unit 1 for multimedia system Background illumination open circuit
B1297F2	Display unit 1 for multimedia system Upper temperature limit exceeded
B1297F3	Display unit 1 for multimedia system Lower temperature limit exceeded
B1297F4	Display unit 1 for multimedia system Upper supply voltage limit exceeded
B1297F5	Display unit 1 for multimedia system Lower voltage supply limit exceeded
B1297F6	Display unit 1 for multimedia system Wire for video signal, open circuit
B129800	Display unit 2 for multimedia system
B129804	Display unit 2 for multimedia system Faulty
B12984A	Display unit 2 for multimedia system Incorrect component installed
B1298F0	Display unit 2 for multimedia system Background illumination short circuit
B1298F1	Display unit 2 for multimedia system Background illumination open circuit
B1298F2	Display unit 2 for multimedia system Upper temperature limit exceeded
B1298F3	Display unit 2 for multimedia system Lower temperature limit exceeded
B1298F4	Display unit 2 for multimedia system Upper supply voltage limit exceeded
B1298F5	Display unit 2 for multimedia system Lower voltage supply limit exceeded
B1298F6	Display unit 2 for multimedia system Wire for video signal, open circuit
B129900	Display unit 3 for multimedia system
B129904	Display unit 3 for multimedia system Faulty
B12994A	Display unit 3 for multimedia system Incorrect component installed
B1299F0	Display unit 3 for multimedia system Background illumination short circuit
B1299F1	Display unit 3 for multimedia system Background illumination open circuit
B1299F2	Display unit 3 for multimedia system Upper temperature limit exceeded
B1299F3	Display unit 3 for multimedia system Lower temperature limit exceeded
B1299F4	Display unit 3 for multimedia system Upper supply voltage limit exceeded
B1299F5	Display unit 3 for multimedia system Lower voltage supply limit exceeded
B1299F6	Display unit 3 for multimedia system Wire for video signal, open circuit
B129A00	Display unit 4 for multimedia system
B129A04	Display unit 4 for multimedia system Faulty
B129A4A	Display unit 4 for multimedia system Incorrect component installed
B129AF1	Display unit 4 for multimedia system Background illumination open circuit
B129AF2	Display unit 4 for multimedia system Upper temperature limit exceeded
B129AF3	Display unit 4 for multimedia system Lower temperature limit exceeded
B129AF4	Display unit 4 for multimedia system Upper supply voltage limit exceeded
B129AF5	Display unit 4 for multimedia system Lower voltage supply limit exceeded
B129B00	Microphone 1
B129B11	Microphone 1 Short circuit to ground
B129B12	Microphone 1 Short circuit to B+
B129B13	Microphone 1 Open circuit
B129C00	Microphone 2
B129C11	Microphone 2 Short circuit to ground

B-Code	B-Code Text
B129C12	Microphone 2 Short circuit to B+
B129C13	Microphone 2 Open circuit
B129D00	Remote control 2 for information electronics
B129D07	Remote control 2 for information electronics mechanical malfunction
B129E00	Display and control head 1 for information electronics
B129E07	Display and control head 1 for information electronics mechanical malfunction
B129F00	Display unit button
B129F07	Display unit button mechanical malfunction
B12A000	Component protection
B12A029	Component protection Implausible signal
B12A100	Left indirect ventilation flap motor
B12A101	Left indirect ventilation flap motor Electrical malfunction
B12A104	Left indirect ventilation flap motor Faulty
B12A107	Left indirect ventilation flap motor mechanical malfunction
B12A121	Left indirect ventilation flap motor Lower limit not reached
B12A122	Left indirect ventilation flap motor Upper limit exceeded
B12A129	Left indirect ventilation flap motor Implausible signal
B12A131	Left indirect ventilation flap motor No signal
B12A14B	Left indirect ventilation flap motor excess temperature
B12A200	Right indirect ventilation flap motor
B12A201	Right indirect ventilation flap motor Electrical malfunction
B12A204	Right indirect ventilation flap motor Faulty
B12A207	Right indirect ventilation flap motor mechanical malfunction
B12A221	Right indirect ventilation flap motor Lower limit not reached
B12A222	Right indirect ventilation flap motor Upper limit exceeded
B12A229	Right indirect ventilation flap motor Implausible signal
B12A231	Right indirect ventilation flap motor No signal
B12A24B	Right indirect ventilation flap motor excess temperature
B12A300	Adaptation values
B12A3F0	Adaptation values Data implausible
B12A400	Rear strobe lights
B12A411	Rear strobe lights Short circuit to ground
B12A500	Auxiliary turn signal, left
B12A511	Auxiliary turn signal, left Short circuit to ground
B12A600	Auxiliary turn signal, right
B12A611	Auxiliary turn signal, right Short circuit to ground
B12A700	Luggage compartment lamp
B12A711	Luggage compartment lamp Short circuit to ground
B12A800	Supply voltage for two-way radio 1
B12A811	Supply voltage for two-way radio 1 Short circuit to ground
B12A812	Supply voltage for two-way radio 1 Short circuit to B+
B12A900	Supply voltage for two-way radio 2
B12A911	Supply voltage for two-way radio 2 Short circuit to ground
B12A912	Supply voltage for two-way radio 2 Short circuit to B+
B12AA00	Supply voltage 1 for roof sign
B12AA11	Supply voltage 1 for roof sign Short circuit to ground
B12AA12	Supply voltage 1 for roof sign Short circuit to B+
B12AB00	Supply voltage 2 for roof sign
B12AB11	Supply voltage 2 for roof sign Short circuit to ground
B12AB12	Supply voltage 2 for roof sign Short circuit to B+
B12AC00	Activation for tone sequence system
B12AC01	Activation for tone sequence system Electrical malfunction
B12AC11	Activation for tone sequence system Short circuit to ground
B12AD12	Roof sign indicator lamp Short circuit to B+
B12AE12	Interior lighting indicator lamp Short circuit to B+
B12AF11	Indicator lamp for special signal status Short circuit to ground
B12B011	Indicator lamp for blue light Short circuit to ground
B12B112	Footwell illumination indicator lamp Short circuit to B+
B12B212	Two-way radio supply voltage indicator light Short circuit to B+
B12B311	Indicator lamp for Daytime Running Light Disable Switch Short circuit to B+

B-Code	B-Code Text
B12B411	Indicator lamp for low beam Short circuit to ground
B12B511	Left turn signal indicator lamp Short circuit to ground
B12B611	Right turn signal indicator lamp Short circuit to ground
B12B711	High beam indicator lamp 2 Short circuit to ground
B12B800	Bulb for left auxiliary high beam headlamp
B12B811	Bulb for left auxiliary high beam headlamp Short circuit to ground
B12B813	Bulb for left auxiliary high beam headlamp Open circuit
B12B815	Bulb for left auxiliary high beam headlamp Open circuit/short circuit to B+
B12B900	Bulb for right auxiliary high beam headlamp
B12B911	Bulb for right auxiliary high beam headlamp Short circuit to ground
B12B913	Bulb for right auxiliary high beam headlamp Open circuit
B12B915	Bulb for right auxiliary high beam headlamp Open circuit/short circuit to B+
B12BA00	Left Front Side Marker Lamp
B12BA11	Left Front Side Marker Lamp Short circuit to ground
B12BA13	Left Front Side Marker Lamp Open circuit
B12BA15	Left Front Side Marker Lamp Open circuit/short circuit to B+
B12BB00	Right Front Side Marker Lamp
B12BB11	Right Front Side Marker Lamp Short circuit to ground
B12BB13	Right Front Side Marker Lamp Open circuit
B12BB15	Right Front Side Marker Lamp Open circuit/short circuit to B+
B12BC00	Bulb for left rear side marker lamp
B12BC11	Bulb for left rear side marker lamp Short circuit to ground
B12BC13	Bulb for left rear side marker lamp Open circuit
B12BC15	Bulb for left rear side marker lamp Open circuit/short circuit to B+
B12BD00	Bulb for right rear side marker lamp
B12BD11	Bulb for right rear side marker lamp Short circuit to ground
B12BD13	Bulb for right rear side marker lamp Open circuit
B12BD15	Bulb for right rear side marker lamp Open circuit/short circuit to B+
B12BE00	Left Tail Light Lamp
B12BE01	Left Tail Light Lamp Electrical malfunction
B12BE11	Left Tail Light Lamp Short circuit to ground
B12BE13	Left Tail Light Lamp Open circuit
B12BE15	Left Tail Light Lamp Open circuit/short circuit to B+
B12BF00	Right Tail Light Lamp
B12BF01	Right Tail Light Lamp Electrical malfunction
B12BF11	Right Tail Light Lamp Short circuit to ground
B12BF13	Right Tail Light Lamp Open circuit
B12BF15	Right Tail Light Lamp Open circuit/short circuit to B+
B12C000	Left Tail Light Lamp 2
B12C001	Left Tail Light Lamp 2 Electrical malfunction
B12C011	Left Tail Light Lamp 2 Short circuit to ground
B12C013	Left Tail Light Lamp 2 Open circuit
B12C015	Left Tail Light Lamp 2 Open circuit/short circuit to B+
B12C100	Right Tail Light Lamp 2
B12C101	Right Tail Light Lamp 2 Electrical malfunction
B12C111	Right Tail Light Lamp 2 Short circuit to ground
B12C113	Right Tail Light Lamp 2 Open circuit
B12C115	Right Tail Light Lamp 2 Open circuit/short circuit to B+
B12C200	Left Brake Light Lamp
B12C211	Left Brake Light Lamp Short circuit to ground
B12C213	Left Brake Light Lamp Open circuit
B12C215	Left Brake Light Lamp Open circuit/short circuit to B+
B12C300	Right Brake Light Lamp
B12C311	Right Brake Light Lamp Short circuit to ground
B12C313	Right Brake Light Lamp Open circuit
B12C315	Right Brake Light Lamp Open circuit/short circuit to B+
B12C400	Left brake lamp bulb 2
B12C411	Left brake lamp bulb 2 Short circuit to ground
B12C413	Left brake lamp bulb 2 Open circuit
B12C415	Left brake lamp bulb 2 Open circuit/short circuit to B+

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B-Code	B-Code Text
B12C500	Right brake lamp bulb 2
B12C511	Right brake lamp bulb 2 Short circuit to ground
B12C513	Right brake lamp bulb 2 Open circuit
B12C515	Right brake lamp bulb 2 Open circuit/short circuit to B+
B12C600	Bulb for high-mount brake light
B12C611	Bulb for high-mount brake light Short circuit to ground
B12C613	Bulb for high-mount brake light Open circuit
B12C615	Bulb for high-mount brake light Open circuit/short circuit to B+
B12C700	Left rear fog light lamp
B12C711	Left rear fog light lamp Short circuit to ground
B12C713	Left rear fog light lamp Open circuit
B12C715	Left rear fog light lamp Open circuit/short circuit to B+
B12C800	Right rear fog light lamp
B12C811	Right rear fog light lamp Short circuit to ground
B12C813	Right rear fog light lamp Open circuit
B12C815	Right rear fog light lamp Open circuit/short circuit to B+
B12C900	Rear fog light
B12C901	Rear fog light Electrical malfunction
B12C911	Rear fog light Short circuit to ground
B12C913	Rear fog light Open circuit
B12C915	Rear fog light Open circuit/short circuit to B+
B12CA00	License plate light
B12CA01	License plate light Electrical malfunction
B12CA11	License plate light Short circuit to ground
B12CA13	License plate light Open circuit
B12CA15	License plate light Open circuit/short circuit to B+
B12CB00	Left back-up light lamp
B12CB11	Left back-up light lamp Short circuit to ground
B12CB13	Left back-up light lamp Open circuit
B12CB15	Left back-up light lamp Open circuit/short circuit to B+
B12CC00	Right back-up light lamp
B12CC11	Right back-up light lamp Short circuit to ground
B12CC13	Right back-up light lamp Open circuit
B12CC15	Right back-up light lamp Open circuit/short circuit to B+
B12CD00	Back-up light
B12CD01	Back-up light Electrical malfunction
B12CD11	Back-up light Short circuit to ground
B12CD13	Back-up light Open circuit
B12CD15	Back-up light Open circuit/short circuit to B+
B12CE00	Left rear turn signal bulb 2
B12CE01	Left rear turn signal bulb 2 Electrical malfunction
B12CE11	Left rear turn signal bulb 2 Short circuit to ground
B12CE13	Left rear turn signal bulb 2 Open circuit
B12CE15	Left rear turn signal bulb 2 Open circuit/short circuit to B+
B12CF00	Right rear turn signal bulb 2
B12CF01	Right rear turn signal bulb 2 Electrical malfunction
B12CF11	Right rear turn signal bulb 2 Short circuit to ground
B12CF13	Right rear turn signal bulb 2 Open circuit
B12CF15	Right rear turn signal bulb 2 Open circuit/short circuit to B+
B12D000	Left side turn signal lamp
B12D011	Left side turn signal lamp Short circuit to ground
B12D013	Left side turn signal lamp Open circuit
B12D015	Left side turn signal lamp Open circuit/short circuit to B+
B12D100	Right side turn signal lamp
B12D111	Right side turn signal lamp Short circuit to ground
B12D113	Right side turn signal lamp Open circuit
B12D115	Right side turn signal lamp Open circuit/short circuit to B+
B12D200	Entry light rear, left
B12D211	Entry light rear, left Short circuit to ground
B12D213	Entry light rear, left Open circuit



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B-Code	B-Code Text
B12D215	Entry light rear, left Open circuit/short circuit to B+
B12D300	Entry light rear, right
B12D311	Entry light rear, right Short circuit to ground
B12D313	Entry light rear, right Open circuit
B12D314	Entry light rear, right Open circuit/short circuit to B+
B12D400	Windshield wiper relay 1
B12D412	Windshield wiper relay 1 Short circuit to B+
B12D413	Windshield wiper relay 1 Open circuit
B12D414	Windshield wiper relay 1 Open circuit/short circuit to ground
B12D500	Windshield wiper relay 2
B12D512	Windshield wiper relay 2 Short circuit to B+
B12D513	Windshield wiper relay 2 Open circuit
B12D514	Windshield wiper relay 2 Open circuit/short circuit to ground
B12D600	Windshield wiper limit switch
B12D629	Windshield wiper limit switch Implausible signal
B12D700	Right Rear Lid Latch Motor
B12D701	Right Rear Lid Latch Motor Electrical malfunction
B12D729	Right Rear Lid Latch Motor Implausible signal
B12D800	Left Rear Lid Latch Motor
B12D801	Left Rear Lid Latch Motor Electrical malfunction
B12D829	Left Rear Lid Latch Motor Implausible signal
B12D900	Rear window opening button
B12D929	Rear window opening button Implausible signal
B12DA00	Actuation of rear window unlocking unit
B12DA11	Actuation of rear window unlocking unit Short circuit to ground
B12DA15	Actuation of rear window unlocking unit Open circuit/short circuit to B+
B12DA29	Actuation of rear window unlocking unit Implausible signal
B12DB00	Lock unit for central locking, rear, left
B12DB01	Lock unit for central locking, rear, left Electrical malfunction
B12DB07	Lock unit for central locking, rear, left mechanical malfunction
B12DB29	Lock unit for central locking, rear, left Implausible signal
B12DC00	Lock unit for central locking, rear, right
B12DC01	Lock unit for central locking, rear, right Electrical malfunction
B12DC07	Lock unit for central locking, rear, right mechanical malfunction
B12DC29	Lock unit for central locking, rear, right Implausible signal
B12DD00	Rear lid Central Locking System Motor
B12DD11	Rear lid Central Locking System Motor Short circuit to ground
B12DD15	Rear lid Central Locking System Motor Open circuit/short circuit to B+
B12DE00	Rear Lid Central Locking Unit
B12DE01	Rear Lid Central Locking Unit Electrical malfunction
B12DE07	Rear Lid Central Locking Unit mechanical malfunction
B12DE29	Rear Lid Central Locking Unit Implausible signal
B12DF00	Two-part rear lid button
B12DF29	Two-part rear lid button Implausible signal
B12E000	Rear lid closing assist motor
B12E001	Rear lid closing assist motor Electrical malfunction
B12E007	Rear lid closing assist motor mechanical malfunction
B12E100	Rear Lid Closing Assist Limit Switch
B12E129	Rear Lid Closing Assist Limit Switch Implausible signal
B12E200	Comfort closing signal
B12E212	Comfort closing signal Short circuit to B+
B12E214	Comfort closing signal Open circuit/short circuit to ground
B12E300	Comfort opening signal
B12E312	Comfort opening signal Short circuit to B+
B12E314	Comfort opening signal Open circuit/short circuit to ground
B12E400	Radio key
B12E4F0	Radio key Key 1 no/faulty basic setting
B12E4F1	Radio key Key 2 no/faulty basic setting
B12E4F2	Radio key Key 3 no/faulty basic setting
B12E4F3	Radio key Key 4 no/faulty basic setting

B-Code	B-Code Text
B12E4F4	Radio key Key 5 no/faulty basic setting
B12E4F5	Radio key Key 6 no/faulty basic setting
B12E4F6	Radio key Key 7 no/faulty basic setting
B12E500	Terminal 15 (1)
B12E511	Terminal 15 (1) Short circuit to ground
B12E512	Terminal 15 (1) Short circuit to B+
B12E515	Terminal 15 (1) Open circuit/short circuit to B+
B12E600	Terminal 15 (2)
B12E611	Terminal 15 (2) Short circuit to ground
B12E612	Terminal 15 (2) Short circuit to B+
B12E700	Speaker in instrument cluster
B12E701	Speaker in instrument cluster Electrical malfunction
B12E800	Left Parking Lamp
B12E801	Left Parking Lamp Electrical malfunction
B12E811	Left Parking Lamp Short circuit to ground
B12E813	Left Parking Lamp Open circuit
B12E815	Left Parking Lamp Open circuit/short circuit to B+
B12E900	Bulb for right parking light
B12E901	Bulb for right parking light Electrical malfunction
B12E911	Bulb for right parking light Short circuit to ground
B12E913	Bulb for right parking light Open circuit
B12E915	Bulb for right parking light Open circuit/short circuit to B+
B12EA00	Left Daytime Running Light (DRL) and parking lamp
B12EA11	Left Daytime Running Light (DRL) and parking lamp Short circuit to ground
B12EA13	Left Daytime Running Light (DRL) and parking lamp Open circuit
B12EA15	Left Daytime Running Light (DRL) and parking lamp Open circuit/short circuit to B+
B12EB00	Right Daytime Running Light (DRL) and parking lamp
B12EB11	Right Daytime Running Light (DRL) and parking lamp Short circuit to ground
B12EB13	Right Daytime Running Light (DRL) and parking lamp Open circuit
B12EB15	Right Daytime Running Light (DRL) and parking lamp Open circuit/short circuit to B+
B12EC00	LED module left for daytime running light and parking lamp
B12ECF0	LED module left for daytime running light and parking lamp Supply, short circuit to ground
B12ECF1	LED module left for daytime running light and parking lamp Supply, open circuit
B12ECF2	LED module left for daytime running light and parking lamp Supply, open circuit/short circuit to B+
B12ECF3	LED module left for daytime running light and parking lamp Activation, short circuit to ground
B12ECF4	LED module left for daytime running light and parking lamp Activation, open circuit
B12ECF5	LED module left for daytime running light and parking lamp Activation, open circuit/short circuit to B+
B12ED00	LED module right for daytime running light and parking lamp
B12EDF0	LED module right for daytime running light and parking lamp Supply, short circuit to ground
B12EDF1	LED module right for daytime running light and parking lamp Supply, open circuit
B12EDF2	LED module right for daytime running light and parking lamp Supply, open circuit/short circuit to B+
B12EDF3	LED module right for daytime running light and parking lamp Activation, short circuit to ground
B12EDF4	LED module right for daytime running light and parking lamp Activation, open circuit
B12EDF5	LED module right for daytime running light and parking lamp Activation, open circuit/short circuit to B+
B12EE00	Luggage compartment cover sensor
B12EE11	Luggage compartment cover sensor Short circuit to ground
B12EE29	Luggage compartment cover sensor Implausible signal
B12EF00	Luggage compartment cover
B12EF07	Luggage compartment cover mechanical malfunction
B12EF54	Luggage compartment cover No basic setting
B12F000	Luggage compartment cover motor
B12F001	Luggage compartment cover motor Electrical malfunction
B12F04B	Luggage compartment cover motor excess temperature
B12F100	Passenger side airbag enabled indicator lamp
B12F101	Passenger side airbag enabled indicator lamp Electrical malfunction
B12F111	Passenger side airbag enabled indicator lamp Short circuit to ground
B12F112	Passenger side airbag enabled indicator lamp Short circuit to B+
B12F113	Passenger side airbag enabled indicator lamp Open circuit
B12F114	Passenger side airbag enabled indicator lamp Open circuit/short circuit to ground
B12F200	Digital Transmission Content Protection (DTCP)

B-Code	B-Code Text
B12F2F0	Digital Transmission Content Protection (DTCP) Signature authentication error
B12F2F1	Digital Transmission Content Protection (DTCP) Device certificate authentication error
B12F300	Indicator light for tone sequence readiness
B12F311	Indicator light for tone sequence readiness Short circuit to ground
B12F400	External speaker button
B12F429	External speaker button Implausible signal
B12F500	External speaker indicator lamp
B12F514	External speaker indicator lamp Open circuit/short circuit to ground
B12F600	Indicator light for tone sequence switchover (city/country)
B12F612	Indicator light for tone sequence switchover (city/country) Short circuit to B+
B12F700	Activation for tone sequence switchover (city/country)
B12F712	Activation for tone sequence switchover (city/country) Short circuit to B+
B12F800	Tone sequence switch (city/country)
B12F829	Tone sequence switch (city/country) Implausible signal
B12F900	Output for supply voltage with deep-discharge protection
B12F911	Output for supply voltage with deep-discharge protection Short circuit to ground
B12FA00	Button for Daytime Driving Light Disable Switch
B12FA29	Button for Daytime Driving Light Disable Switch Implausible signal
B12FB00	Blue light button
B12FB29	Blue light button Implausible signal
B12FC00	Tone sequence switch
B12FC29	Tone sequence switch Implausible signal
B12FD00	Immobilizer
B12FD54	Immobilizer No basic setting
B12FE00	Engine control module 2
B12FEF0	Engine control module 2 not authorized
B12FF00	Engine control module 3
B12FFF0	Engine control module 3 not authorized
B130000	Engine control module 4
B1300F0	Engine control module 4 not authorized
B130100	Transmission control module (TCM)
B1301F0	Transmission control module (TCM) not authorized
B130200	Electronic steering column lock control module
B1302F0	Electronic steering column lock control module not authorized
B130300	Control module for rear lid opening
B130304	Control module for rear lid opening Faulty
B130329	Control module for rear lid opening Implausible signal
B130331	Control module for rear lid opening No signal
B13034A	Control module for rear lid opening Incorrect component installed
B130354	Control module for rear lid opening No basic setting
B1303F0	Control module for rear lid opening Play protection active
B130400	Left front belt tensioner control module
B130402	Left front belt tensioner control module Signal error
B130404	Left front belt tensioner control module Faulty
B130416	Left front belt tensioner control module Voltage too low
B130417	Left front belt tensioner control module Voltage too high
B13044B	Left front belt tensioner control module Overload
B130451	Left front belt tensioner control module Not programmed
B130453	Left front belt tensioner control module Deactivated
B130454	Left front belt tensioner control module No basic setting
B130455	Left front belt tensioner control module not configured
B1304F0	Left front belt tensioner control module No tensioning due to undervoltage
B1304F1	Left front belt tensioner control module No tensioning due to excess voltage
B130500	Right front belt tensioner control module
B130502	Right front belt tensioner control module Signal error
B130504	Right front belt tensioner control module Faulty
B130516	Right front belt tensioner control module Voltage too low
B130517	Right front belt tensioner control module Voltage too high
B13054B	Right front belt tensioner control module Overload
B130551	Right front belt tensioner control module Not programmed

B-Code	B-Code Text
B130553	Right front belt tensioner control module Deactivated
B130554	Right front belt tensioner control module No basic setting
B130555	Right front belt tensioner control module not configured
B1305F0	Right front belt tensioner control module No tensioning due to undervoltage
B1305F1	Right front belt tensioner control module No tensioning due to excess voltage
B130600	Vehicle positioning system interface control module
B130652	Vehicle positioning system interface control module Not activated
B130700	Sliding door control module
B130754	Sliding door control module No basic setting
B130800	Front/rear sliding door button
B130812	Front/rear sliding door button Short circuit to B+
B130900	Immobilizer active
B130A00	Rollover protection trigger, driver side
B130A01	Rollover protection trigger, driver side Electrical malfunction
B130A11	Rollover protection trigger, driver side Short circuit to ground
B130A12	Rollover protection trigger, driver side Short circuit to B+
B130A1A	Rollover protection trigger, driver side Resistance too low
B130A1B	Rollover protection trigger, driver side Resistance too high
B130A53	Rollover protection trigger, driver side Deactivated
B130B00	Rollover protection trigger, front passenger side
B130B01	Rollover protection trigger, front passenger side Electrical malfunction
B130B11	Rollover protection trigger, front passenger side Short circuit to ground
B130B12	Rollover protection trigger, front passenger side Short circuit to B+
B130B1A	Rollover protection trigger, front passenger side Resistance too low
B130B1B	Rollover protection trigger, front passenger side Resistance too high
B130B53	Rollover protection trigger, front passenger side Deactivated
B130C00	Double subwoofer speaker 1
B130C11	Double subwoofer speaker 1 Short circuit to ground
B130C12	Double subwoofer speaker 1 Short circuit to B+
B130C13	Double subwoofer speaker 1 Open circuit
B130CF0	Double subwoofer speaker 1 Short circuit to each other
B130D00	Double subwoofer speaker 2
B130D11	Double subwoofer speaker 2 Short circuit to ground
B130D12	Double subwoofer speaker 2 Short circuit to B+
B130D13	Double subwoofer speaker 2 Open circuit
B130DF0	Double subwoofer speaker 2 Short circuit to each other
B130E00	Function limitation, pause recommendation
B130F00	Rotary temperature control potentiometer
B130F11	Rotary temperature control potentiometer Short to ground
B130F12	Rotary temperature control potentiometer Short circuit to B+
B131000	Blower rotary control potentiometer
B131011	Blower rotary control potentiometer Short to ground
B131012	Blower rotary control potentiometer Short circuit to B+
B131100	Remote control
B131154	Remote control No basic setting
B131200	Button(s) in operating unit
B131207	Button(s) in operating unit mechanical malfunction
B131300	Signal for brake lamp
B131329	Signal for brake lamp Implausible signal
B131400	Supply voltage for interior lighting
B131411	Supply voltage for interior lighting Short circuit to ground
B131413	Supply voltage for interior lighting Open circuit
B131415	Supply voltage for interior lighting Open circuit/short circuit to B+
B131500	Window regulator control unit, driver side
B131529	Window regulator control unit, driver side Implausible signal
B131600	Mirror selector switch
B131629	Mirror selector switch Implausible signal
B131700	automatic day/night exterior mirror
B131701	automatic day/night exterior mirror Electrical malfunction
B131800	Potentiometer for rear vent temperature

B-Code	B-Code Text
B131811	Potentiometer for rear vent temperature Short circuit to ground
B131815	Potentiometer for rear vent temperature Open circuit/short circuit to B+
B131900	External humidity sensor
B131904	External humidity sensor Faulty
B131929	External humidity sensor Implausible signal
B131931	External humidity sensor No signal
B131A00	Internal humidity sensor
B131A04	Internal humidity sensor Faulty
B131A29	Internal humidity sensor Implausible signal
B131A31	Internal humidity sensor No signal
B131B00	Button for interior monitoring and vehicle inclination
B131B29	Button for interior monitoring and vehicle inclination Implausible signal
B131C00	Indicator light for interior monitoring and vehicle inclination
B131C01	Indicator light for interior monitoring and vehicle inclination Electrical malfunction
B131C12	Indicator light for interior monitoring and vehicle inclination Short circuit to B+
B131C14	Indicator light for interior monitoring and vehicle inclination Open circuit/short circuit to ground
B131D00	Sirens / alarm horn for anti-theft warning system
B131D01	Sirens / alarm horn for anti-theft warning system Electrical malfunction
B131D04	Sirens / alarm horn for anti-theft warning system Faulty
B131D29	Sirens / alarm horn for anti-theft warning system Implausible signal
B131DF5	Sirens / alarm horn for anti-theft warning system Lower voltage supply limit exceeded
B131DF6	Sirens / alarm horn for anti-theft warning system wrong code
B131E00	Alarm horn for anti-theft warning system
B131E11	Alarm horn for anti-theft warning system Short circuit to ground
B131E15	Alarm horn for anti-theft warning system Open circuit/short circuit to B+
B131EF6	Alarm horn for anti-theft warning system wrong code
B131F00	Rear window regulator, driver side
B131F01	Rear window regulator, driver side Electrical malfunction
B131F54	Rear window regulator, driver side No basic setting
B131FF2	Rear window regulator, driver side not coded
B131FF4	Rear window regulator, driver side Upper supply voltage limit exceeded
B131FF5	Rear window regulator, driver side Lower voltage supply limit exceeded
B131FF6	Rear window regulator, driver side invalid data record
B132000	Rear window regulator, front passenger side
B132001	Rear window regulator, front passenger side Electrical malfunction
B132054	Rear window regulator, front passenger side No basic setting
B1320F2	Rear window regulator, front passenger side not coded
B1320F4	Rear window regulator, front passenger side Upper supply voltage limit exceeded
B1320F5	Rear window regulator, front passenger side Lower voltage supply limit exceeded
B1320F6	Rear window regulator, front passenger side invalid data record
B132100	Window rear regulator motor, driver side
B132101	Window rear regulator motor, driver side Electrical malfunction
B132102	Window rear regulator motor, driver side Signal error
B13214B	Window rear regulator motor, driver side excess temperature
B132200	Window rear regulator motor, front passenger side
B132201	Window rear regulator motor, front passenger side Electrical malfunction
B132202	Window rear regulator motor, front passenger side Signal error
B13224B	Window rear regulator motor, front passenger side excess temperature
B132300	Window regulator button, rear, driver side
B132329	Window regulator button, rear, driver side Implausible signal
B132400	Window regulator button, rear, front passenger side
B132429	Window regulator button, rear, front passenger side Implausible signal
B132500	Ambient illumination lamp
B132501	Ambient illumination lamp Electrical malfunction
B132513	Ambient illumination lamp Open circuit
B132600	Door warning light
B132601	Door warning light Electrical malfunction
B132700	Seat memory adjustment position 1 button
B132707	Seat memory adjustment position 1 button mechanical malfunction
B132729	Seat memory adjustment position 1 button Implausible signal

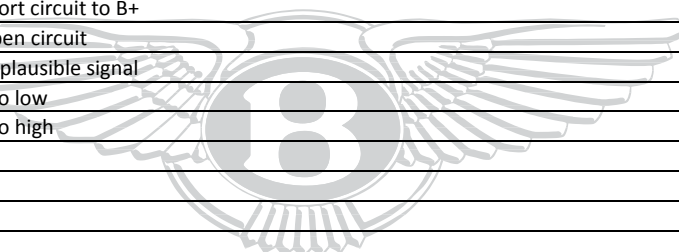
B-Code	B-Code Text
B132800	Seat memory adjustment position 2 button
B132807	Seat memory adjustment position 2 button mechanical malfunction
B132829	Seat memory adjustment position 2 button Implausible signal
B132900	Seat memory adjustment position 3 button
B132907	Seat memory adjustment position 3 button mechanical malfunction
B132929	Seat memory adjustment position 3 button Implausible signal
B132A00	Button for storing seat position
B132A07	Button for storing seat position mechanical malfunction
B132A29	Button for storing seat position Implausible signal
B132B00	Dimming for switch lighting
B132B01	Dimming for switch lighting Electrical malfunction
B132C00	Window regulator button
B132C29	Window regulator button Implausible signal
B132D00	Switch for switching the window regulator front/rear
B132D29	Switch for switching the window regulator front/rear Implausible signal
B132E00	Switch for inside door handle
B132E29	Switch for inside door handle Implausible signal
B132F00	Switch for outside door handle
B132F29	Switch for outside door handle Implausible signal
B133000	Sensor for anti-theft warning system
B133001	Sensor for anti-theft warning system Electrical malfunction
B133029	Sensor for anti-theft warning system Implausible signal
B1330F0	Sensor for anti-theft warning system Data record invalid
B133100	Vehicle inclination sensor
B133129	Vehicle inclination sensor Implausible signal
B133200	Sensor 1 for interior monitoring
B133200	Sensor 2 for interior monitoring
B133213	Sensor 2 for interior monitoring Open circuit
B133229	Sensor 1 for interior monitoring Implausible signal
B133300	Left brake lamp/turn signal bulb
B133311	Left brake lamp/turn signal bulb Short circuit to ground
B133313	Left brake lamp/turn signal bulb Open circuit
B133315	Left brake lamp/turn signal bulb Open circuit/short circuit to B+
B133400	Right brake lamp/turn signal bulb
B133411	Right brake lamp/turn signal bulb Short circuit to ground
B133413	Right brake lamp/turn signal bulb Open circuit
B133415	Right brake lamp/turn signal bulb Open circuit/short circuit to B+
B133500	Left brake lamp/turn signal bulb 2
B133511	Left brake lamp/turn signal bulb 2 Short circuit to ground
B133513	Left brake lamp/turn signal bulb 2 Open circuit
B133515	Left brake lamp/turn signal bulb 2 Open circuit/short circuit to B+
B133600	Right brake lamp/turn signal bulb 2
B133611	Right brake lamp/turn signal bulb 2 Short circuit to ground
B133613	Right brake lamp/turn signal bulb 2 Open circuit
B133615	Right brake lamp/turn signal bulb 2 Open circuit/short circuit to B+
B133700	Sensor for rear lid opening
B133704	Sensor for rear lid opening Faulty
B133800	Sensor 2 for rear lid opening
B133804	Sensor 2 for rear lid opening Faulty
B133900	Seat heater enabling
B133912	Seat heater enabling Short circuit to B+
B133914	Seat heater enabling Open circuit/short circuit to ground
B133A00	Left brake/tail lamp bulb
B133A11	Left brake/tail lamp bulb Short circuit to ground
B133A13	Left brake/tail lamp bulb Open circuit
B133A15	Left brake/tail lamp bulb Open circuit/short circuit to B+
B133B00	Left brake/tail lamp bulb 2
B133B11	Left brake/tail lamp bulb 2 Short circuit to ground
B133B13	Left brake/tail lamp bulb 2 Open circuit
B133B15	Left brake/tail lamp bulb 2 Open circuit/short circuit to B+

B-Code	B-Code Text
B133C00	Right brake/tail lamp bulb
B133C11	Right brake/tail lamp bulb Short circuit to ground
B133C13	Right brake/tail lamp bulb Open circuit
B133C15	Right brake/tail lamp bulb Open circuit/short circuit to B+
B133D00	Right brake/tail lamp bulb 2
B133D11	Right brake/tail lamp bulb 2 Short circuit to ground
B133D13	Right brake/tail lamp bulb 2 Open circuit
B133D15	Right brake/tail lamp bulb 2 Open circuit/short circuit to B+
B133E00	Locating illumination for switch (terminal 58xs)
B133E11	Locating illumination for switch (terminal 58xs) Short circuit to ground
B133E13	Locating illumination for switch (terminal 58xs) Open circuit
B133E15	Locating illumination for switch (terminal 58xs) Open circuit/short circuit to B+
B133F00	Locating illumination for switch (terminal 58xt)
B133F11	Locating illumination for switch (terminal 58xt) Short circuit to ground
B133F13	Locating illumination for switch (terminal 58xt) Open circuit
B133F15	Locating illumination for switch (terminal 58xt) Open circuit/short circuit to B+
B134000	Indicator light for central locking
B134011	Indicator light for central locking Short circuit to ground
B134015	Indicator light for central locking Open circuit/short circuit to B+
B134100	Adjustment for rear spoiler
B134101	Adjustment for rear spoiler Electrical malfunction
B13414B	Adjustment for rear spoiler excess temperature
B134200	Rear spoiler adjustment indicator lamp
B134211	Rear spoiler adjustment indicator lamp Short circuit to ground
B134215	Rear spoiler adjustment indicator lamp Open circuit/short circuit to B+
B134300	Rear spoiler stop switch
B134329	Rear spoiler stop switch Implausible signal
B134400	Activation for signal horn
B134412	Activation for signal horn Short circuit to B+
B134414	Activation for signal horn Open circuit/short circuit to ground
B134500	Double bass speaker 1, left front
B134511	Double bass speaker 1, left front Short circuit to ground
B134512	Double bass speaker 1, left front Short circuit to B+
B134513	Double bass speaker 1, left front Open circuit
B1345F0	Double bass speaker 1, left front Short circuit to each other
B134600	Double bass speaker 1, right front
B134611	Double bass speaker 1, right front Short circuit to ground
B134612	Double bass speaker 1, right front Short circuit to B+
B134613	Double bass speaker 1, right front Open circuit
B1346F0	Double bass speaker 1, right front Short circuit to each other
B134700	Double bass speaker 2, left front
B134711	Double bass speaker 2, left front Short circuit to ground
B134712	Double bass speaker 2, left front Short circuit to B+
B134713	Double bass speaker 2, left front Open circuit
B1347F0	Double bass speaker 2, left front Short circuit to each other
B134800	Double bass speaker 2, right front
B134811	Double bass speaker 2, right front Short circuit to ground
B134812	Double bass speaker 2, right front Short circuit to B+
B134813	Double bass speaker 2, right front Open circuit
B1348F0	Double bass speaker 2, right front Short circuit to each other
B134907	Lumbar Support Height Adjustment Button mechanical malfunction
B134929	Lumbar Support Height Adjustment Button Implausible signal
B134A07	Lumbar Support Fore/Aft Adjustment Button mechanical malfunction
B134A29	Lumbar Support Fore/Aft Adjustment Button Implausible signal
B134B07	Seat tilt adjustment button mechanical malfunction
B134B29	Seat tilt adjustment button Implausible signal
B134C07	Seat height adjustment button mechanical malfunction
B134C29	Seat height adjustment button Implausible signal
B134D07	Seat fore/aft adjustment button mechanical malfunction
B134D29	Seat fore/aft adjustment button Implausible signal

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B-Code	B-Code Text
B134E07	Seat backrest adjustment button mechanical malfunction
B134E29	Seat backrest adjustment button Implausible signal
B134F07	Seat headrest adjustment button mechanical malfunction
B134F07	Seat headrest adjustment button mechanical malfunction
B135029	Massage button Implausible signal
B135102	Lumbar support height adjustment motor Signal error
B135113	Lumbar support height adjustment motor Open circuit
B135154	Lumbar support height adjustment motor No basic setting
B135198	Lumbar support height adjustment motor Temperature too high
B135202	Lumbar support fore/aft adjustment motor Signal error
B135213	Lumbar support fore/aft adjustment motor Open circuit
B135254	Lumbar support fore/aft adjustment motor No basic setting
B135298	Lumbar support fore/aft adjustment motor Temperature too high
B135302	Seat Tilt Adjustment Motor Signal error
B135313	Seat Tilt Adjustment Motor Open circuit
B135354	Seat Tilt Adjustment Motor No basic setting
B135398	Seat Tilt Adjustment Motor Temperature too high
B135402	Seat height adjustment motor Signal error
B135413	Seat height adjustment motor Open circuit
B135454	Seat height adjustment motor No basic setting
B135498	Seat height adjustment motor Temperature too high
B135502	Seat Fore/Aft Adjustment Motor Signal error
B135513	Seat Fore/Aft Adjustment Motor Open circuit
B135554	Seat Fore/Aft Adjustment Motor No basic setting
B135598	Seat Fore/Aft Adjustment Motor Temperature too high
B135602	Seat backrest adjustment motor Signal error
B135613	Seat backrest adjustment motor Open circuit
B135654	Seat backrest adjustment motor No basic setting
B135698	Seat backrest adjustment motor Temperature too high
B135702	Head Restraint Adjustment Motor Signal error
B135713	Head Restraint Adjustment Motor Open circuit
B135754	Head Restraint Adjustment Motor No basic setting
B135798	Head Restraint Adjustment Motor Temperature too high
B135802	Motor for belt height adjustment Signal error
B135813	Motor for belt height adjustment Open circuit
B135854	Motor for belt height adjustment No basic setting
B135898	Motor for belt height adjustment Temperature too high
B135911	Lumbar support height adjustment sensor Short circuit to ground
B135929	Lumbar support height adjustment sensor Implausible signal
B135A11	Lumbar support fore/aft adjustment sensor Short circuit to ground
B135A29	Lumbar support fore/aft adjustment sensor Implausible signal
B135B11	Seat tilt adjustment sensor Short circuit to ground
B135B29	Seat tilt adjustment sensor Implausible signal
B135C11	Seat height adjustment sensor Short circuit to ground
B135C29	Seat height adjustment sensor Implausible signal
B135D11	Seat fore/aft adjustment sensor Short circuit to ground
B135D29	Seat fore/aft adjustment sensor Implausible signal
B135E11	Seat backrest adjustment sensor Short circuit to ground
B135E29	Seat backrest adjustment sensor Implausible signal
B135F11	Head restraint adjustment sensor Short circuit to ground
B135F29	Head restraint adjustment sensor Implausible signal
B136011	Sensor for belt height adjustment Short circuit to ground
B136029	Sensor for belt height adjustment Implausible signal
B136111	Seat bolster heater Short circuit to ground
B136115	Seat bolster heater Open circuit/short circuit to B+
B136212	Ventilation for seat cushion Short circuit to B+
B136214	Ventilation for seat cushion Open circuit/short circuit to ground
B136312	Ventilation for backrest Short circuit to B+
B136314	Ventilation for backrest Open circuit/short circuit to ground
B136411	Heated seat temperature sensor Short circuit to ground

B-Code	B-Code Text
B136415	Heated seat temperature sensor Open circuit/short circuit to B+
B136501	Supply voltage for seat ventilation Electrical malfunction
B136600	Rain/light recognition sensor
B136604	Rain/light recognition sensor Faulty
B136629	Rain/light recognition sensor Implausible signal
B136676	Rain/light recognition sensor Incorrect installation location
B136700	Tone sequence readiness switch
B136729	Tone sequence readiness switch Implausible signal
B136829	Weapons Box Button Implausible signal
B136929	Button for hands free system Implausible signal
B136A29	Button for two-way radio supply voltage Implausible signal
B136B11	Wire for video signal from rear view camera Short circuit to ground
B136B12	Wire for video signal from rear view camera Short circuit to B+
B136B13	Wire for video signal from rear view camera Open circuit
B136B29	Wire for video signal from rear view camera Implausible signal
B136C16	Supply voltage for rear view camera Voltage too low
B136C17	Supply voltage for rear view camera Voltage too high
B136D00	Wire for signal horn on
B136D29	Wire for signal horn on Implausible signal
B136E00	Wire 2 for signal horn on
B136E29	Wire 2 for signal horn on Implausible signal
B136F00	Wire for emergency flashers on
B136F29	Wire for emergency flashers on Implausible signal
B137000	Wire 2 for emergency flashers on
B137029	Wire 2 for emergency flashers on Implausible signal
B137100	Wire for radio remote triggering
B137129	Wire for radio remote triggering Implausible signal
B137200	Terminal 15 for Vehicle Positioning System Control Module
B137211	Terminal 15 for Vehicle Positioning System Control Module Short circuit to ground
B137300	Terminal S for Vehicle Positioning System Control Module
B137311	Terminal S for Vehicle Positioning System Control Module Short circuit to ground
B137400	Wire for anti-theft alarm system status
B137411	Wire for anti-theft alarm system status Short circuit to ground
B137412	Wire for anti-theft alarm system status Short circuit to B+
B137500	Tracking alarm feedback wire
B137512	Tracking alarm feedback wire Short circuit to B+
B137600	Start enable wire
B137611	Start enable wire Short circuit to ground
B137700	Center rear parking aid sensors
B137704	Center rear parking aid sensors Faulty
B137712	Center rear parking aid sensors Short circuit to B+
B137714	Center rear parking aid sensors Open circuit/short circuit to ground
B137731	Center rear parking aid sensors No signal
B137829	Button for rear fog lamps Implausible signal
B137929	Fog Lamp Button Implausible signal
B137A00	Outside air quality/air humidity sensor
B137A04	Outside air quality/air humidity sensor Faulty
B137A29	Outside air quality/air humidity sensor Implausible signal
B137A31	Outside air quality/air humidity sensor No signal
B137B00	Connection for external audio sources (USB)
B137B11	Connection for external audio sources (USB) Short circuit to ground
B137B13	Connection for external audio sources (USB) Open circuit
B137C00	External databus
B137C01	External databus Electrical malfunction
B137C29	External databus Implausible signal
B137D00	Transfer fuel pump
B137D52	Transfer fuel pump Not activated
B137E00	Coolant circulation pump
B137E52	Coolant circulation pump Not activated
B137F00	Control module for air conditioning



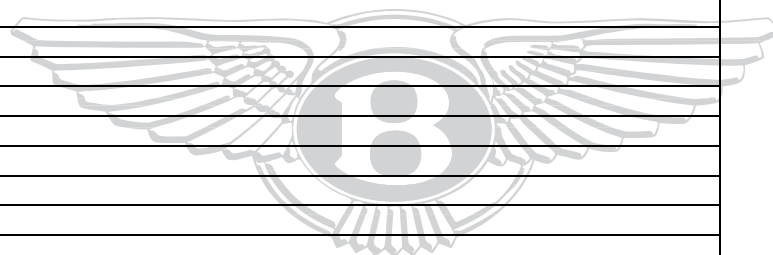
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B-Code	B-Code Text
B137FF0	Control module for air conditioning Runtime exceeded
B138000	Ethanol concentration
B138022	Ethanol concentration Upper limit exceeded
B138100	Shutdown by battery management control module
B138200	Recirculation pump
B138211	Recirculation pump Short circuit to ground
B138215	Recirculation pump Open circuit/short circuit to B+
B138300	Metering pump
B138311	Metering pump Short circuit to ground
B138315	Metering pump Open circuit/short circuit to B+
B138400	Combustion Air Blower
B138407	Combustion Air Blower mechanical malfunction
B138415	Combustion Air Blower Open circuit/short circuit to B+
B138500	Glow plug with flame monitoring
B138502	Glow plug with flame monitoring Short circuit to ground
B138503	Glow plug with flame monitoring Open circuit/short circuit to B+
B138504	Glow plug with flame monitoring Faulty
B13851B	Glow plug with flame monitoring Resistance too high
B138529	Glow plug with flame monitoring Implausible signal
B138600	Auxiliary heater temperature sensor
B138615	Auxiliary heater temperature sensor Open circuit/short circuit to B+
B138700	Auxiliary heater overheat sensor
B138711	Auxiliary heater overheat sensor Short circuit to ground
B138800	Coolant change-over valve
B138811	Coolant change-over valve Short circuit to ground
B138815	Coolant change-over valve Open circuit/short circuit to B+
B138900	No flame
B1389F0	No flame during initial start attempt
B1389F1	No flame after repeated start attempt
B1389F2	No flame Due to safety shutdown
B1389F3	No flame during test
B138A00	Flame termination
B138B00	Repeated flame breakdown
B138C00	No fuel at heater
B138D00	No line filling
B138E00	Coolant temperature
B138E4B	Coolant temperature excess temperature
B138EF0	Coolant temperature exceeded during test
B138F00	Heater unit locked
B138F4B	Heater unit locked excess temperature
B139000	Driver side windshield wiper motor
B139004	Driver side windshield wiper motor Faulty
B139007	Driver side windshield wiper motor mechanical malfunction
B139029	Driver side windshield wiper motor Implausible signal
B139100	Passenger side windshield wiper motor
B139104	Passenger side windshield wiper motor Faulty
B139107	Passenger side windshield wiper motor mechanical malfunction
B139129	Passenger side windshield wiper motor Implausible signal
B139229	Button for engine after-run Implausible signal
B139301	Switching for engine after-run Electrical malfunction
B139401	Battery disconnect relay Electrical malfunction
B139501	Activation for weapons box Electrical malfunction
B139601	Hands-free communication actuation Electrical malfunction
B139700	Function limitation due to crash signal
B139800	Left front heated seat
B139811	Left front heated seat Short circuit to ground
B139813	Left front heated seat Open circuit
B139900	Right front heated seat
B139911	Right front heated seat Short circuit to ground
B139913	Right front heated seat Open circuit

B-Code	B-Code Text
B139A07	Display and control head 2 for information electronics mechanical malfunction
B139B07	Display and control head 3 for information electronics mechanical malfunction
B139C07	Button for convertible top operation mechanical malfunction
B139C29	Button for convertible top operation Implausible signal
B139D12	Switch for folding top stored, left Short circuit to B+
B139D14	Switch for folding top stored, left Open circuit/short circuit to ground
B139D29	Switch for folding top stored, left Implausible signal
B139E12	Switch for folding top stored, right Short circuit to B+
B139E14	Switch for folding top stored, right Open circuit/short circuit to ground
B139E29	Switch for folding top stored, right Implausible signal
B139F07	Motor for convertible top operation mechanical malfunction
B139F29	Motor for convertible top operation Implausible signal
B139F4B	Motor for convertible top operation excess temperature
B13A001	Speaker channel 1 Electrical malfunction
B13A101	Speaker channel 2 Electrical malfunction
B13A201	Speaker channel 3 Electrical malfunction
B13A301	Speaker channel 4 Electrical malfunction
B13A401	Speaker channel 5 Electrical malfunction
B13A501	Speaker channel 6 Electrical malfunction
B13A601	Speaker channel 7 Electrical malfunction
B13A701	Speaker channel 8 Electrical malfunction
B13A801	Speaker channel 9 Electrical malfunction
B13A901	Speaker channel 10 Electrical malfunction
B13AA01	Speaker channel 11 Electrical malfunction
B13AB01	Speaker channel 12 Electrical malfunction
B13AC01	Speaker channel 13 Electrical malfunction
B13AD01	Speaker channel 14 Electrical malfunction
B13AE01	Speaker channel 15 Electrical malfunction
B13AF01	Speaker channel 16 Electrical malfunction
B13B000	Eject button
B13B007	Eject button mechanical malfunction
B13B100	In button
B13B107	In button mechanical malfunction
B13B200	Opening 1 button
B13B207	Opening 1 button mechanical malfunction
B13B300	Opening 2 button
B13B307	Opening 2 button mechanical malfunction
B13B400	Opening 3 button
B13B407	Opening 3 button mechanical malfunction
B13B500	Opening 4 button
B13B507	Opening 4 button mechanical malfunction
B13B600	Opening 5 button
B13B607	Opening 5 button mechanical malfunction
B13B700	Opening 6 button
B13B707	Opening 6 button mechanical malfunction
B13B800	Optical drive
B13B8F0	Optical drive Data medium malfunction:
B13B900	Video wire for information electronics 1
B13B911	Video wire for information electronics 1 Short circuit to ground
B13B913	Video wire for information electronics 1 Open circuit
B13BA00	Video wire for information electronics 2
B13BA11	Video wire for information electronics 2 Short circuit to ground
B13BA13	Video wire for information electronics 2 Open circuit
B13BB00	Microphone for vehicle noise suppression
B13BB01	Microphone for vehicle noise suppression Electrical malfunction
B13BB11	Microphone for vehicle noise suppression Short circuit to ground
B13BB12	Microphone for vehicle noise suppression Short circuit to B+
B13BB13	Microphone for vehicle noise suppression Open circuit
B13BCF0	Multiple collision brake Crash data stored
B13BCF1	Multiple collision brake triggered



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B-Code	B-Code Text
B13BCF2	Multiple collision brake No function
B13BD00	Valve block 1
B13BD04	Valve block 1 Faulty
B13BD29	Valve block 1 Implausible signal
B13BD31	Valve block 1 No signal
B13BE00	Valve block 2
B13BE04	Valve block 2 Faulty
B13BE29	Valve block 2 Implausible signal
B13BE31	Valve block 2 No signal
B13BF00	Valve block 3
B13BF04	Valve block 3 Faulty
B13BF29	Valve block 3 Implausible signal
B13BF31	Valve block 3 No signal
B13C000	Switch for multicontour seat
B13C004	Switch for multicontour seat Faulty
B13C029	Switch for multicontour seat Implausible signal
B13C031	Switch for multicontour seat No signal
B13C112	Switch for convertible top cover, left Short circuit to B+
B13C114	Switch for convertible top cover, left Open circuit/short circuit to ground
B13C129	Switch for convertible top cover, left Implausible signal
B13C212	Switch for convertible top cover, right Short circuit to B+
B13C214	Switch for convertible top cover, right Open circuit/short circuit to ground
B13C229	Switch for convertible top cover, right Implausible signal
B13C300	External activation
B13C311	External activation Short circuit to ground
B13C312	External activation Short circuit to B+
B13C313	External activation Open circuit
B13C400	Sunroof button
B13C401	Sunroof button Electrical malfunction
B13C407	Sunroof button mechanical malfunction
B13C429	Sunroof button Implausible signal
B13C500	Button for roof shade
B13C501	Button for roof shade Electrical malfunction
B13C507	Button for roof shade mechanical malfunction
B13C529	Button for roof shade Implausible signal
B13C600	Control module for sunroof
B13C604	Control module for sunroof Faulty
B13C64B	Control module for sunroof excess temperature
B13C654	Control module for sunroof No basic setting
B13C6F0	Control module for sunroof Cancel function
B13C6F4	Control module for sunroof Upper supply voltage limit exceeded
B13C6F5	Control module for sunroof Lower voltage supply limit exceeded
B13C700	Roof blind control module
B13C704	Roof blind control module Faulty
B13C74B	Roof blind control module excess temperature
B13C754	Roof blind control module No basic setting
B13C7F0	Roof blind control module Cancel function
B13C7F4	Roof blind control module Upper supply voltage limit exceeded
B13C7F5	Roof blind control module Lower voltage supply limit exceeded
B13C800	Lamp for ambient illumination of the speakers
B13C811	Lamp for ambient illumination of the speakers Short circuit to ground
B13C9F0	Multimedia system control unit Driving profile selection button
B13C9F1	Multimedia system control unit Numeric keypad button 1
B13C9F2	Multimedia system control unit Switch on/off
B13C9F3	Multimedia system control unit Numeric keypad button 3
B13C9F4	Multimedia system control unit Numeric keypad button 4
B13C9F5	Multimedia system control unit Numeric keypad button 5
B13C9F6	Multimedia system control unit Numeric keypad button 6
B13C9F7	Multimedia system control unit Numeric keypad button 2
B13C9F8	Multimedia system control unit Function key top left

B-Code	B-Code Text
B13C9F9	Multimedia system control unit Function key bottom left
B13C9FA	Multimedia system control unit Function key top right
B13C9FB	Multimedia system control unit Function key bottom right
B13C9FC	Multimedia system control unit Button for increasing volume
B13C9FD	Multimedia system control unit Button for decreasing volume
B13C9FE	Multimedia system control unit Arrow up button
B13C9FF	Multimedia system control unit Arrow down button
B13CA00	Light recognition sensor
B13CA11	Light recognition sensor Short circuit to ground
B13CA12	Light recognition sensor Short circuit to B+
B13CA13	Light recognition sensor Open circuit
B13CB00	Coupling in motor 1 for rear hatch
B13CB01	Coupling in motor 1 for rear hatch Electrical malfunction
B13CB13	Coupling in motor 1 for rear hatch Open circuit
B13CC00	Coupling in motor 2 for rear hatch
B13CC01	Coupling in motor 2 for rear hatch Electrical malfunction
B13CC13	Coupling in motor 2 for rear hatch Open circuit
B13CD00	Activation for positioning motor of steering column lock
B13CD13	Activation for positioning motor of steering column lock Open circuit
B13CEF0	Multimedia system control unit Button for "Back/Return"
B13CEF1	Multimedia system control unit Button for sound adjustment "TONE/SOUND"
B13CEF2	Multimedia system control unit Button for traffic band
B13CEF3	Multimedia system control unit Display unit button
B13CEF4	Multimedia system control unit Button for traffic information "TI"
B13CEF5	Multimedia system control unit Button for traffic information "TPEG"
B13CEF6	Multimedia system control unit Button for satellite radio "SAT"
B13CEF7	Multimedia system control unit Button for selection confirmation "OK"
B13CF00	Pause recommendation
B13CFF0	Pause recommendation Not available
B200000	Control module defective
B200004	Control module defective
B200005	Control module defective
B200009	Control module defective
B200041	Control module defective
B200042	Control module defective
B200043	Control module defective
B200044	Control module defective
B200045	Control module defective
B200046	Control module defective
B200047	Control module defective
B200049	Control module defective
B20004B	Control module defective
B200087	Control module Software incompatible
B200094	Control module defective
B200096	Control module defective
B200098	Control module defective
B2000F0	Control module defective
B2000F1	Control module defective
B2000F2	Control module defective
B2000F3	Control module defective
B2000F4	Control module defective
B200100	Control module Incorrect software version
B200200	Data records in control module changed
B200300	Function block
B200400	Function restriction due to faulty initialization
B200500	Data record invalid
B200600	Control module does not match vehicle
B2007F0	Function restriction due to high-volt overvoltage protection
B2008F0	Function restriction due to excess temperature protection
B2009F0	Function restriction due to low temperature

B-Code	B-Code Text
B200AF0	Function restriction due to high current cut-out
B200BF0	Function restriction due to high current limit
B200CF0	Overload protection active
B200DF0	Function restriction due to internal communication error
B200EF0	Function restriction due to compressor start up malfunction
B200FF0	Internal malfunction
B201000	No basic setting
B2010F0	No basic setting Deviation is outside the expected range
B2010F1	No basic setting Internal calculation not completed
B201100	Incorrect basic setting
B201200	Data set implausible
B201300	No end of line programming is performed
B201400	EEPROM manipulated
B201500	Production mode active
B201600	Disposal not finished
B201700	Control module locked
B201800	Authentication of a function failed
B201900	Control module not adapted
B201A00	Checking software version management
B201B00	Program monitoring
B201BF0	Program monitoring Malfunction detected
B201C00	Supply voltage Implausible signal
B201D00	Function restriction From incorrect signature
B2F0100	Development code 1
B2F0200	Development code 2
B2F0300	Development code 3
B2F0400	Development code 4
B2F0500	Development code 5
B2F0600	Development code 6
B2F0700	Development code 7
B2F0800	Development code 8
B2F0900	Development code 9
B2F0A00	Development code 10
B2F0B00	Development code 11
B2F0C00	Development code 12
B2F0D00	Development code 13
B2F0E00	Development code 14
B2F0F00	Development code 15



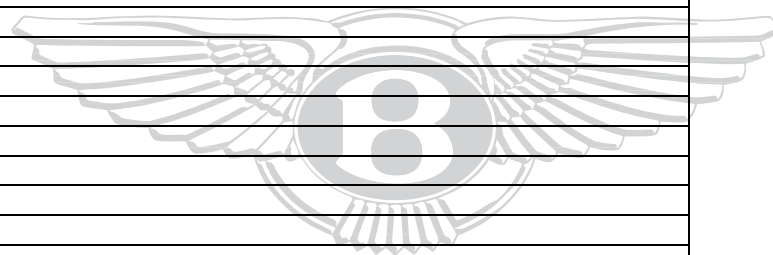
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C-Code	C-Code Text
C008200	Brake System Malfunction Indicator
C100100	Clutch valve for all-wheel drive
C100101	Clutch valve for all-wheel drive Electrical malfunction
C100111	Clutch valve for all-wheel drive Short circuit to ground
C100112	Clutch valve for all-wheel drive Short circuit to B+
C100113	Clutch valve for all-wheel drive Open circuit
C100200	Clutch valve 2 for all-wheel drive
C100201	Clutch valve 2 for all-wheel drive Electrical malfunction
C100211	Clutch valve 2 for all-wheel drive Short circuit to ground
C100212	Clutch valve 2 for all-wheel drive Short circuit to B+
C100213	Clutch valve 2 for all-wheel drive Open circuit
C100300	Pump for all-wheel drive
C100301	Pump for all-wheel drive Electrical malfunction
C100311	Pump for all-wheel drive Short circuit to ground
C100313	Pump for all-wheel drive Open circuit
C10031D	Pump for all-wheel drive Current implausible
C10034B	Pump for all-wheel drive excess temperature
C100400	Oil pressure and oil temperature sensor
C100401	Oil pressure and oil temperature sensor Electrical malfunction
C100411	Oil pressure and oil temperature sensor Short circuit to ground
C100412	Oil pressure and oil temperature sensor Short circuit to B+
C100421	Oil pressure and oil temperature sensor Lower limit not reached
C100422	Oil pressure and oil temperature sensor Upper limit exceeded
C100431	Oil pressure and oil temperature sensor No signal
C1004F0	Oil pressure and oil temperature sensor Oil pressure implausible signal
C1004F1	Oil pressure and oil temperature sensor Serial number invalid
C1004F2	Oil pressure and oil temperature sensor Serial number not adapted
C1004FB	Oil pressure and oil temperature sensor Short circuit oil pressure 1 to oil pressure 2
C1004FC	Oil pressure and oil temperature sensor Short circuit oil temperature 1 to oil temperature 2
C1004FD	Oil pressure and oil temperature sensor swapped with oil pressure and oil temperature sensor 2
C1004FE	Oil pressure and oil temperature sensor Oil temp. implausible for oil press. and oil temp. sensor 2
C1004FF	Oil pressure and oil temperature sensor Oil press. implausible for oil press. and oil temp. sensor 2
C100500	Oil pressure and oil temperature sensor 2
C100501	Oil pressure and oil temperature sensor 2 Electrical malfunction
C100504	Oil pressure and oil temperature sensor 2 Faulty
C100511	Oil pressure and oil temperature sensor 2 Short circuit to ground
C100512	Oil pressure and oil temperature sensor 2 Short circuit to B+
C100521	Oil pressure and oil temperature sensor 2 Lower limit not reached
C100522	Oil pressure and oil temperature sensor 2 Upper limit exceeded
C100531	Oil pressure and oil temperature sensor 2 No signal
C1005F0	Oil pressure and oil temperature sensor 2 Oil pressure implausible signal
C100600	Brake disc left rear not reached
C100700	Right rear brake disc not reached
C100800	Left parking brake motor tensioning force not reached
C100900	Right parking brake motor tensioning force not reached
C100A07	Left parking brake mechanism mechanical malfunction
C100B07	Right parking brake mechanism mechanical malfunction
C100C00	Electro-mechanical parking brake button
C100C01	Electro-mechanical parking brake button Electrical malfunction
C100C07	Electro-mechanical parking brake button mechanical malfunction
C100C13	Electro-mechanical parking brake button Open circuit
C100C29	Electro-mechanical parking brake button Implausible signal
C100D01	Left parking brake motor voltage supply Electrical malfunction
C100D11	Left parking brake motor voltage supply Short circuit to ground
C100D12	Left parking brake motor voltage supply Short circuit to B+
C100D13	Left parking brake motor voltage supply Open circuit
C100DF0	Left parking brake motor voltage supply Short circuit
C100E01	Right parking brake motor voltage supply Electrical malfunction
C100E11	Right parking brake motor voltage supply Short circuit to ground
C100E12	Right parking brake motor voltage supply Short circuit to B+

C-Code	C-Code Text
C100E13	Right parking brake motor voltage supply Open circuit
C100EF0	Right parking brake motor voltage supply Short circuit
C100F00	Left parking brake motor difficulty of movement
C101000	Right parking brake motor difficulty of movement
C101100	Brake pad replacement mode active
C101214	Control module left channel voltage supply Open circuit/short circuit to ground
C101229	Control module left channel voltage supply Implausible signal
C101314	Control module right channel voltage supply Open circuit/short circuit to ground
C101329	Control module right channel voltage supply Implausible signal
C101412	Function lamp in operating unit Short circuit to B+
C101414	Function lamp in operating unit Open circuit/short circuit to ground
C101504	Hydraulic unit for brake electronics Faulty
C101600	ABS operation
C101629	ABS operation Implausible signal
C101700	Longitudinal acceleration sensor
C101701	Longitudinal acceleration sensor Electrical malfunction
C101702	Longitudinal acceleration sensor Signal error
C101729	Longitudinal acceleration sensor Implausible signal
C101754	Longitudinal acceleration sensor No basic setting
C101811	Return pump Short circuit to B+
C101816	Return pump Voltage too low
C101817	Return pump Voltage too high
C101900	Received wheel circumference implausible
C101A00	Left front wheel speed sensor
C101A01	Left front wheel speed sensor Electrical malfunction
C101A07	Left front wheel speed sensor mechanical malfunction
C101A11	Left front wheel speed sensor Short circuit to ground
C101A12	Left front wheel speed sensor Short circuit to B+
C101A14	Left front wheel speed sensor Open circuit/short circuit to ground
C101A29	Left front wheel speed sensor Implausible signal
C101A4A	Left front wheel speed sensor Incorrect component installed
C101AF0	Left front wheel speed sensor Short circuit
C101AF1	Left front wheel speed sensor Magnetic field too low
C101B00	Right front wheel speed sensor
C101B01	Right front wheel speed sensor Electrical malfunction
C101B07	Right front wheel speed sensor mechanical malfunction
C101B11	Right front wheel speed sensor Short circuit to ground
C101B12	Right front wheel speed sensor Short circuit to B+
C101B14	Right front wheel speed sensor Open circuit/short circuit to ground
C101B29	Right front wheel speed sensor Implausible signal
C101B4A	Right front wheel speed sensor Incorrect component installed
C101BF0	Right front wheel speed sensor Short circuit
C101BF1	Right front wheel speed sensor Magnetic field too low
C101C00	Left rear wheel speed sensor
C101C01	Left rear wheel speed sensor Electrical malfunction
C101C07	Left rear wheel speed sensor mechanical malfunction
C101C11	Left rear wheel speed sensor Short circuit to ground
C101C12	Left rear wheel speed sensor Short circuit to B+
C101C14	Left rear wheel speed sensor Open circuit/short circuit to ground
C101C29	Left rear wheel speed sensor Implausible signal
C101C4A	Left rear wheel speed sensor Incorrect component installed
C101CF0	Left rear wheel speed sensor Short circuit
C101CF1	Left rear wheel speed sensor Magnetic field too low
C101D00	Right rear wheel speed sensor
C101D01	Right rear wheel speed sensor Electrical malfunction
C101D07	Right rear wheel speed sensor mechanical malfunction
C101D11	Right rear wheel speed sensor Short circuit to ground
C101D12	Right rear wheel speed sensor Short circuit to B+
C101D14	Right rear wheel speed sensor Open circuit/short circuit to ground
C101D29	Right rear wheel speed sensor Implausible signal

C-Code	C-Code Text
C101D4A	Right rear wheel speed sensor Incorrect component installed
C101DF0	Right rear wheel speed sensor Short circuit
C101DF1	Right rear wheel speed sensor Magnetic field too low
C101E07	Button for Hold assist mechanical malfunction
C101F00	System function test activated
C102000	Yaw rate 1
C102029	Yaw rate 1 Implausible signal
C102085	Yaw rate 1 Signal too high
C1020F0	Yaw rate 1 Implausible for yaw rate 2
C102100	Yaw rate 2
C102129	Yaw rate 2 Implausible signal
C102185	Yaw rate 2 Signal too high
C102200	Lateral acceleration 1
C102229	Lateral acceleration 1 Implausible signal
C102285	Lateral acceleration 1 Signal too high
C1022F0	Lateral acceleration 1 Implausible for lateral acceleration 2
C102300	Lateral acceleration 2
C102329	Lateral acceleration 2 Implausible signal
C102385	Lateral acceleration 2 Signal too high
C102400	ESP sensor units
C102401	ESP sensor units Electrical malfunction
C102404	ESP sensor units Faulty
C102407	ESP sensor units mechanical malfunction
C10241C	ESP sensor units Voltage implausible
C102429	ESP sensor units Implausible signal
C102431	ESP sensor units No signal
C10244A	ESP sensor units Incorrect component installed
C102500	Coupling 1
C10254B	Coupling 1 excess temperature
C102600	Coupling 2
C10264B	Coupling 2 excess temperature
C102700	Control module for all wheel drive
C10274B	Control module for all wheel drive excess temperature
C1027F0	Control module for all wheel drive Low temperature
C102800	Pressure control valve
C1028F0	Pressure control valve Implausible
C102900	Pressure control valve 2
C1029F0	Pressure control valve 2 Implausible
C102A00	System function test
C102A29	System function test Implausible signal
C102AF0	System function test could not be executed
C102AF1	System function test cancelled
C102B00	Mechanical malfunction in suspension
C102C00	Adapting tire pressures
C102D00	Tire pressure warning
C102E00	Switch-off due to excessive temperature
C102F11	Level control pump temperature sensor Short circuit to ground
C102F15	Level control pump temperature sensor Open circuit/short circuit to B+
C103016	Voltage supply pressure sensor Voltage too low
C103017	Voltage supply pressure sensor Voltage too high
C103100	Pressure sensor for level control system
C103111	Pressure sensor for level control system Short circuit to ground
C103112	Pressure sensor for level control system Short circuit to B+
C103114	Pressure sensor for level control system Open circuit/short circuit to ground
C103115	Pressure sensor for level control system Open circuit/short circuit to B+
C103129	Pressure sensor for level control system Implausible signal
C1031F0	Pressure sensor for level control system Residual pressure for lowering front axle too low
C1031F1	Pressure sensor for level control system Residual pressure for lowering rear axle too low
C103216	Left sensor voltage supply for vehicle leveling Voltage too low
C103217	Left sensor voltage supply for vehicle leveling Voltage too high



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C-Code	C-Code Text
C103316	Right sensor voltage supply for vehicle leveling Voltage too low
C103317	Right sensor voltage supply for vehicle leveling Voltage too high
C103400	Sensor for vehicle leveling, left front
C103404	Sensor for vehicle leveling, left front Faulty
C103407	Sensor for vehicle leveling, left front mechanical malfunction
C103411	Sensor for vehicle leveling, left front Short circuit to ground
C103415	Sensor for vehicle leveling, left front Open circuit/short circuit to B+
C103429	Sensor for vehicle leveling, left front Implausible signal
C103500	Sensor for vehicle leveling, right front
C103504	Sensor for vehicle leveling, right front Faulty
C103507	Sensor for vehicle leveling, right front mechanical malfunction
C103511	Sensor for vehicle leveling, right front Short circuit to ground
C103515	Sensor for vehicle leveling, right front Open circuit/short circuit to B+
C103529	Sensor for vehicle leveling, right front Implausible signal
C103600	Sensor for vehicle leveling, left rear
C103604	Sensor for vehicle leveling, left rear Faulty
C103607	Sensor for vehicle leveling, left rear mechanical malfunction
C103611	Sensor for vehicle leveling, left rear Short circuit to ground
C103615	Sensor for vehicle leveling, left rear Open circuit/short circuit to B+
C103629	Sensor for vehicle leveling, left rear Implausible signal
C103700	Sensor for vehicle leveling, right rear
C103704	Sensor for vehicle leveling, right rear Faulty
C103707	Sensor for vehicle leveling, right rear mechanical malfunction
C103711	Sensor for vehicle leveling, right rear Short circuit to ground
C103715	Sensor for vehicle leveling, right rear Open circuit/short circuit to B+
C103729	Sensor for vehicle leveling, right rear Implausible signal
C103800	Self-leveling suspension compressor relay
C103801	Self-leveling suspension compressor relay Electrical malfunction
C103807	Self-leveling suspension compressor relay mechanical malfunction
C103811	Self-leveling suspension compressor relay Short circuit to ground
C103812	Self-leveling suspension compressor relay Short circuit to B+
C103813	Self-leveling suspension compressor relay Open circuit
C10384B	Self-leveling suspension compressor relay excess temperature
C103900	Level control valves
C103901	Level control valves Electrical malfunction
C103911	Level control valves Short circuit to ground
C103912	Level control valves Short circuit to B+
C103A11	Level control accumulator valve Short circuit to ground
C103A13	Level control accumulator valve Open circuit
C103B00	Solenoid for level control system
C103B01	Solenoid for level control system Electrical malfunction
C103B11	Solenoid for level control system Short circuit to ground
C103B12	Solenoid for level control system Short circuit to B+
C103B13	Solenoid for level control system Open circuit
C103B4B	Solenoid for level control system excess temperature
C103C00	Left front strut valve
C103C01	Left front strut valve Electrical malfunction
C103C04	Left front strut valve Faulty
C103C11	Left front strut valve Short circuit to ground
C103C12	Left front strut valve Short circuit to B+
C103C13	Left front strut valve Open circuit
C103C4B	Left front strut valve excess temperature
C103D00	Right front strut valve
C103D01	Right front strut valve Electrical malfunction
C103D04	Right front strut valve Faulty
C103D11	Right front strut valve Short circuit to ground
C103D12	Right front strut valve Short circuit to B+
C103D13	Right front strut valve Open circuit
C103D4B	Right front strut valve excess temperature
C103E00	Left rear strut valve

C-Code	C-Code Text
C103E01	Left rear strut valve Electrical malfunction
C103E04	Left rear strut valve Faulty
C103E11	Left rear strut valve Short circuit to ground
C103E12	Left rear strut valve Short circuit to B+
C103E13	Left rear strut valve Open circuit
C103E4B	Left rear strut valve excess temperature
C103F00	Right rear strut valve
C103F01	Right rear strut valve Electrical malfunction
C103F04	Right rear strut valve Faulty
C103F11	Right rear strut valve Short circuit to ground
C103F12	Right rear strut valve Short circuit to B+
C103F13	Right rear strut valve Open circuit
C103F4B	Right rear strut valve excess temperature
C104000	Left front dampening adjustment valve
C104001	Left front dampening adjustment valve Electrical malfunction
C104007	Left front dampening adjustment valve mechanical malfunction
C104011	Left front dampening adjustment valve Short circuit to ground
C104012	Left front dampening adjustment valve Short circuit to B+
C104013	Left front dampening adjustment valve Open circuit
C104021	Left front dampening adjustment valve Lower limit not reached
C104029	Left front dampening adjustment valve Implausible signal
C104100	Right front dampening adjustment valve
C104101	Right front dampening adjustment valve Electrical malfunction
C104107	Right front dampening adjustment valve mechanical malfunction
C104111	Right front dampening adjustment valve Short circuit to ground
C104112	Right front dampening adjustment valve Short circuit to B+
C104113	Right front dampening adjustment valve Open circuit
C104121	Right front dampening adjustment valve Lower limit not reached
C104129	Right front dampening adjustment valve Implausible signal
C104200	Left rear dampening adjustment valve
C104201	Left rear dampening adjustment valve Electrical malfunction
C104207	Left rear dampening adjustment valve mechanical malfunction
C104211	Left rear dampening adjustment valve Short circuit to ground
C104212	Left rear dampening adjustment valve Short circuit to B+
C104213	Left rear dampening adjustment valve Open circuit
C104221	Left rear dampening adjustment valve Lower limit not reached
C104229	Left rear dampening adjustment valve Implausible signal
C104300	Right rear dampening adjustment valve
C104301	Right rear dampening adjustment valve Electrical malfunction
C104307	Right rear dampening adjustment valve mechanical malfunction
C104311	Right rear dampening adjustment valve Short circuit to ground
C104312	Right rear dampening adjustment valve Short circuit to B+
C104313	Right rear dampening adjustment valve Open circuit
C104321	Right rear dampening adjustment valve Lower limit not reached
C104329	Right rear dampening adjustment valve Implausible signal
C104400	Control position not adapted
C104500	Leak detected in system
C104600	Level control system plausibility malfunction
C104707	Level control valves mechanical malfunction
C104807	Level control system sensor mechanical malfunction
C104900	Regulating function switched off Locking electronics active
C104A00	Control module
C104A4B	Control module excess temperature
C104AF0	Control module Incorrect Vehicle Identification Number (VIN)
C104B00	Sensors for suspension
C104B29	Sensors for driving dynamics Implausible signal
C104B4A	Sensors for driving dynamics Incorrect component installed
C104C00	Left front tire press. monitoring transmitter in wheel housing
C104C01	Left front tire press. monitoring transmitter in wheel housing Electrical malfunction
C104C04	Left front tire press. monitoring transmitter in wheel housing Faulty

C-Code	C-Code Text
C104D00	Right front tire press. monitoring transmitter in wheel housing
C104D01	Right front tire press. monitoring transmitter in wheel housing Electrical malfunction
C104D04	Right front tire press. monitoring transmitter in wheel housing Faulty
C104E00	Left rear tire pressure monitoring transmitter in wheel housing
C104E01	Left rear tire pressure monitoring transmitter in wheel housing Electrical malfunction
C104E04	Left rear tire pressure monitoring transmitter in wheel housing Faulty
C104F00	Right rear tire press. monitoring transmitter in wheel housing
C104F01	Right rear tire press. monitoring transmitter in wheel housing Electrical malfunction
C104F04	Right rear tire press. monitoring transmitter in wheel housing Faulty
C105000	Left front tire pressure monitoring sensor
C105004	Left front tire pressure monitoring sensor Faulty
C105031	Left front tire pressure monitoring sensor No signal
C105100	Right front tire pressure monitoring sensor
C105104	Right front tire pressure monitoring sensor Faulty
C105131	Right front tire pressure monitoring sensor No signal
C105200	Left rear tire pressure monitoring sensor
C105204	Left rear tire pressure monitoring sensor Faulty
C105231	Left rear tire pressure monitoring sensor No signal
C105300	Right rear tire pressure monitoring sensor
C105304	Right rear tire pressure monitoring sensor Faulty
C105331	Right rear tire pressure monitoring sensor No signal
C105400	Left front tire Tire pressure warning - too low
C105500	Left front tire Tire pressure warning - flat tire
C105600	Right front tire Tire pressure warning - too low
C105700	Right front tire Tire pressure warning - flat tire
C105800	Left rear tire Tire pressure warning - too low
C105900	Left rear tire Tire pressure warning - flat tire
C105A00	Right rear tire Tire pressure warning - too low
C105B00	Right rear tire Tire pressure warning - flat tire
C105C00	Radio interference
C105D00	Reset left front Tire pressure warning - too low
C105E00	Reset left front Tire pressure warning - flat tire
C105F00	Reset right front Tire pressure warning - too low
C106000	Reset right front Tire pressure warning - flat tire
C106100	Reset left rear Tire pressure warning - too low
C106200	Reset left rear Tire pressure warning - flat tire
C106300	Reset right rear Tire pressure warning - too low
C106400	Reset right rear Tire pressure warning - flat tire
C106500	Reset Radio interference
C106600	Reset Malfunction
C106700	Speed warning
C106800	Disc pack
C1068F0	Disc pack Wear limit reached
C106900	Control difference
C1069F0	Control difference exceeded
C106A00	ABS valves voltage supply
C106A01	ABS valves voltage supply Electrical malfunction
C106A16	ABS valves voltage supply Voltage too low
C106A54	ABS valves voltage supply No basic setting
C106B00	Wheel speed sensor
C106B07	Wheel speed sensor mechanical malfunction
C106B12	Wheel speed sensor Short circuit to B+
C106B16	Wheel speed sensor Voltage too low
C106B29	Wheel speed sensor Implausible signal
C106C00	System switched on
C106D00	System switched off
C106E00	Specified pressures WOT selected
C106F00	Specified pressures part-throttle selected
C107000	Speed too high for tire pressure
C107100	Speed too high for the tire being monitored

C-Code	C-Code Text
C107200	Delayed monitored of distance control
C107229	Delayed monitored of distance control Implausible signal
C107300	ESP sensor unit, voltage supply
C107301	ESP sensor unit, voltage supply Electrical malfunction
C107321	ESP sensor unit, voltage supply Lower limit not reached
C107322	ESP sensor unit, voltage supply Upper limit exceeded
C107400	Brake pressure release solenoid
C107401	Brake pressure release solenoid Electrical malfunction
C107429	Brake pressure release solenoid Implausible signal
C107500	ESP operation
C107529	ESP operation Implausible signal
C107600	Door contact switch
C107629	Door contact switch Implausible signal
C107700	ABS return flow pump
C107701	ABS return flow pump Electrical malfunction
C107704	ABS return flow pump Faulty
C107729	ABS return flow pump Implausible signal
C1077F0	ABS return flow pump Open circuit terminal 30
C1077F1	ABS return flow pump Open circuit terminal 31
C107800	Instrument cluster control module
C107900	Lateral acceleration sensor
C107901	Lateral acceleration sensor Electrical malfunction
C107904	Lateral acceleration sensor Faulty
C107929	Lateral acceleration sensor Implausible signal
C107954	Lateral acceleration sensor No basic setting
C107A00	Brake pressure sensor 1
C107A01	Brake pressure sensor 1 Electrical malfunction
C107A29	Brake pressure sensor 1 Implausible signal
C107A54	Brake pressure sensor 1 No basic setting
C107B00	ESP test drive active
C107C00	ESP test drive cancel
C107D00	Rotation rate sensor
C107D01	Rotation rate sensor Electrical malfunction
C107D04	Rotation rate sensor Faulty
C107D22	Rotation rate sensor Upper limit exceeded
C107D29	Rotation rate sensor Implausible signal
C107D54	Rotation rate sensor No basic setting
C107E00	Headlight
C107E54	Headlight No basic setting
C107F00	Sensor for vehicle leveling - voltage supply
C107F11	Sensor for vehicle leveling - voltage supply Short circuit to ground
C107F12	Sensor for vehicle leveling - voltage supply Short circuit to B+
C108000	Left-/right hand driving switch-over active
C108100	Left Headlamp Power Output Stage
C108104	Left Headlamp Power Output Stage Faulty
C108116	Left Headlamp Power Output Stage Voltage too low
C108117	Left Headlamp Power Output Stage Voltage too high
C108129	Left Headlamp Power Output Stage Implausible signal
C108131	Left Headlamp Power Output Stage No signal
C1081F0	Left Headlamp Power Output Stage not coded
C1081F1	Left Headlamp Power Output Stage Incorrect coding
C108200	Right Headlamp Power Output Stage
C108204	Right Headlamp Power Output Stage Faulty
C108216	Right Headlamp Power Output Stage Voltage too low
C108217	Right Headlamp Power Output Stage Voltage too high
C108229	Right Headlamp Power Output Stage Implausible signal
C108231	Right Headlamp Power Output Stage No signal
C1082F0	Right Headlamp Power Output Stage not coded
C1082F1	Right Headlamp Power Output Stage Incorrect coding
C108300	Static left AFS light

C-Code	C-Code Text
C108311	Static left AFS light Short circuit to ground
C108313	Static left AFS light Open circuit
C108400	Static right AFS light
C108411	Static right AFS light Short circuit to ground
C108413	Static right AFS light Open circuit
C108500	Left headlamp beam adjusting motor
C108511	Left headlamp beam adjusting motor Short circuit to ground
C108515	Left headlamp beam adjusting motor Open circuit/short circuit to B+
C108598	Left headlamp beam adjusting motor Temperature too high
C108600	Right headlamp beam adjusting motor
C108611	Right headlamp beam adjusting motor Short circuit to ground
C108615	Right headlamp beam adjusting motor Open circuit/short circuit to B+
C108698	Right headlamp beam adjusting motor Temperature too high
C108700	Left dynamic AFS light adjusting motor
C108711	Left dynamic AFS light adjusting motor Short circuit to ground
C108715	Left dynamic AFS light adjusting motor Open circuit/short circuit to B+
C108798	Left dynamic AFS light adjusting motor Temperature too high
C108800	Right dynamic AFS light adjusting motor
C108811	Right dynamic AFS light adjusting motor Short circuit to ground
C108815	Right dynamic AFS light adjusting motor Open circuit/short circuit to B+
C108898	Right dynamic AFS light adjusting motor Temperature too high
C108900	Left Swivel Module
C108907	Left Swivel Module mechanical malfunction
C108A00	Right Swivel Module
C108A07	Right Swivel Module mechanical malfunction
C108B00	Left swivel module position sensor
C108B29	Left swivel module position sensor Implausible signal
C108C00	Right swivel module position sensor
C108C29	Right swivel module position sensor Implausible signal
C108D00	Left swivel module position sensor signal wire
C108D11	Left swivel module position sensor signal wire Short circuit to ground
C108D12	Left swivel module position sensor signal wire Short circuit to B+
C108E00	Right swivel module position sensor signal wire
C108E11	Right swivel module position sensor signal wire Short circuit to ground
C108E12	Right swivel module position sensor signal wire Short circuit to B+
C108F00	Left swivel module position sensor feed voltage
C108F11	Left swivel module position sensor feed voltage Short circuit to ground
C108F12	Left swivel module position sensor feed voltage Short circuit to B+
C109000	Right swivel module position sensor feed voltage
C109011	Right swivel module position sensor feed voltage Short circuit to ground
C109012	Right swivel module position sensor feed voltage Short circuit to B+
C109100	Specified pressures for normal speed selected
C109200	Specified pressures for high speed selected
C109300	Specified pressures for top speed selected
C109400	Internal temperature sensor
C109404	Internal temperature sensor Faulty
C109421	Internal temperature sensor Lower limit not reached
C109422	Internal temperature sensor Upper limit exceeded
C109500	Internal motor
C109504	Internal motor Faulty
C109507	Internal motor mechanical malfunction
C109519	Internal motor Excess current
C1095F0	Internal motor locked
C109600	Adjusting motor for variable left front lighting
C109607	Adjusting motor for variable left front lighting mechanical malfunction
C109611	Adjusting motor for variable left front lighting Short circuit to ground
C109615	Adjusting motor for variable left front lighting Open circuit/short circuit to B+
C109700	Adjusting motor for variable right front lighting
C109707	Adjusting motor for variable right front lighting mechanical malfunction
C109711	Adjusting motor for variable right front lighting Short circuit to ground

C-Code	C-Code Text
C109715	Adjusting motor for variable right front lighting Open circuit/short circuit to B+
C109800	Sensor for adjusting motor for left front variable lighting
C109802	Sensor for adjusting motor for left front variable lighting Signal error
C109900	Sensor for adjusting motor for right front variable lighting
C109902	Sensor for adjusting motor for right front variable lighting Signal error
C109A00	Voltage circuit for variable left front lighting motor sens.
C109A11	Voltage circuit for variable left front lighting motor sens. Short circuit to ground
C109A12	Voltage circuit for variable left front lighting motor sens. Short circuit to B+
C109B00	Voltage circuit for variable right front lighting motor sens.
C109B11	Voltage circuit for variable right front lighting motor sens. Short circuit to ground
C109B12	Voltage circuit for variable right front lighting motor sens. Short circuit to B+
C109C00	ASR and ESP Button
C109C07	ASR and ESP Button mechanical malfunction
C109C29	ASR and ESP Button Implausible signal
C109D00	Tire pressure monitoring function in ESP
C109D53	Tire pressure monitoring function in ESP Deactivated
C109DF0	Tire pressure monitoring function in ESP Limited system availability
C109E29	Reverse gear information Implausible signal
C109F00	Incorrect version of control module installed
C10A000	Engine Control Module (ECM) - control difference
C10A100	Brake vacuum system
C10A129	Brake vacuum system Implausible signal
C10A200	Tire pressure cannot be checked currently
C10A300	Vacuum sensor
C10A301	Vacuum sensor Electrical malfunction
C10A304	Vacuum sensor Faulty
C10A321	Vacuum sensor Lower limit not reached
C10A322	Vacuum sensor Upper limit exceeded
C10A329	Vacuum sensor Implausible signal
C10A400	Low pressure sensor power supply
C10A401	Low pressure sensor power supply Electrical malfunction
C10A416	Low pressure sensor power supply Voltage too low
C10A500	Hydraulic unit for ABS
C10A504	Hydraulic unit for ABS Faulty
C10A522	Hydraulic unit for ABS Upper limit exceeded
C10A529	Hydraulic unit for ABS Implausible signal
C10A600	Engine control module - pressure information
C10A700	Rolling Mode recognized
C10A800	Wheel diameter implausible
C10A900	Signal for outside temperature
C10A9F0	Signal for outside temperature Not available
C10AA00	Steering torque sensor
C10AA01	Steering torque sensor Electrical malfunction
C10AA29	Steering torque sensor Implausible signal
C10AA31	Steering torque sensor No signal
C10AB00	Voltage supply steering torque sensor
C10AB01	Voltage supply steering torque sensor Electrical malfunction
C10AC00	Steering
C10AC07	Steering mechanical malfunction
C10ACF0	Steering End stops not learned
C10ACF1	Steering Incorrect ratio
C10ACF2	Steering Interface for lane departure warning system not coded
C10ACF3	Steering Interface for lane departure warning system not available
C10AD00	Sensor for motor position
C10AD01	Sensor for motor position Electrical malfunction
C10AD07	Sensor for motor position mechanical malfunction
C10AD11	Sensor for motor position Short circuit to ground
C10AD12	Sensor for motor position Short circuit to B+
C10AD13	Sensor for motor position Open circuit
C10AD29	Sensor for motor position Implausible signal

C-Code	C-Code Text
C10AE00	Electro-mechanical Power Steering Motor
C10AE01	Electro-mechanical Power Steering Motor Electrical malfunction
C10AE11	Electro-mechanical Power Steering Motor Short circuit to ground
C10AE12	Electro-mechanical Power Steering Motor Short circuit to B+
C10AE13	Electro-mechanical Power Steering Motor Open circuit
C10AE16	Electro-mechanical Power Steering Motor Voltage too low
C10AE17	Electro-mechanical Power Steering Motor Voltage too high
C10AE19	Electro-mechanical Power Steering Motor Excess current
C10AE1B	Electro-mechanical Power Steering Motor Resistance too high
C10AE29	Electro-mechanical Power Steering Motor Implausible signal
C10AF00	Voltage stabilizer
C10AF04	Voltage stabilizer Faulty
C10AFF0	Voltage stabilizer Stage 1 defective
C10AFF1	Voltage stabilizer Stage 1 short circuit to ground
C10AFF2	Voltage stabilizer Stage 1 voltage supply failed to reach lower limit
C10AFF3	Voltage stabilizer Stage 1 voltage too high
C10AFF4	Voltage stabilizer Stage 2 defective
C10AFF5	Voltage stabilizer Stage 2 short circuit to ground
C10AFF6	Voltage stabilizer Stage 2 voltage supply failed to reach lower limit
C10AFF7	Voltage stabilizer Stage 2 voltage too high
C10B000	Signal wires
C10B001	Signal wires Electrical malfunction
C10B100	Longitudinal acceleration
C10B129	Longitudinal acceleration Implausible signal
C10B200	High Beam Assistant Control Module
C10B207	High Beam Assistant Control Module mechanical malfunction
C10B24B	High Beam Assistant Control Module excess temperature
C10B2F0	High Beam Assistant Control Module Temperature too high
C10B2F1	High Beam Assistant Control Module Restricted view
C10B300	Automatic day/night interior mirror switch
C10B307	Automatic day/night interior mirror switch mechanical malfunction
C10B400	Vehicle deceleration
C10B422	Vehicle deceleration Upper limit exceeded
C10B500	Body acceleration
C10B529	Body acceleration Implausible signal
C10B600	Roll rate
C10B629	Roll rate Implausible signal
C10B6F0	Roll rate Gradient too high
C10B700	Pitch rate
C10B729	Pitch rate Implausible signal
C10B7F0	Pitch rate Gradient too high
C10B800	Front left chassis acceleration sensor
C10B801	Front left chassis acceleration sensor Electrical malfunction
C10B804	Front left chassis acceleration sensor Faulty
C10B807	Front left chassis acceleration sensor mechanical malfunction
C10B812	Front left chassis acceleration sensor Short circuit to B+
C10B814	Front left chassis acceleration sensor Open circuit/short circuit to Ground (GND)
C10B829	Front left chassis acceleration sensor Implausible signal
C10B84A	Front left chassis acceleration sensor Incorrect component installed
C10B900	Front right chassis accelerator
C10B901	Front right chassis accelerator Electrical malfunction
C10B904	Front right chassis accelerator Faulty
C10B907	Front right chassis accelerator mechanical malfunction
C10B912	Front right chassis accelerator Short circuit to B+
C10B914	Front right chassis accelerator Open circuit/short circuit to Ground (GND)
C10B929	Front right chassis accelerator Implausible signal
C10B94A	Front right chassis accelerator Incorrect component installed
C10BA00	Rear chassis accelerator
C10BA01	Rear chassis accelerator Electrical malfunction
C10BA04	Rear chassis accelerator Faulty

C-Code	C-Code Text
C10BA07	Rear chassis accelerator mechanical malfunction
C10BA12	Rear chassis accelerator Short circuit to B+
C10BA14	Rear chassis accelerator Open circuit/short circuit to Ground (GND)
C10BA4A	Rear chassis accelerator Incorrect component installed
C10BB00	Dampening adjustment button
C10BB29	Dampening adjustment button Implausible signal
C10BC00	Left parking brake motor
C10BC01	Left parking brake motor Electrical malfunction
C10BC02	Left parking brake motor Signal error
C10BC07	Left parking brake motor mechanical malfunction
C10BC22	Left parking brake motor Upper limit exceeded
C10BC77	Left parking brake motor Position not reached
C10BCF0	Left parking brake motor Speed sensor malfunction
C10BCF1	Left parking brake motor Upper travel limit exceeded
C10BCF2	Left parking brake motor Upper activation time limit exceeded
C10BCF3	Left parking brake motor Supply wires have reversed polarity
C10BD00	Right parking brake motor
C10BD01	Right parking brake motor Electrical malfunction
C10BD02	Right parking brake motor Signal error
C10BD07	Right parking brake motor mechanical malfunction
C10BD22	Right parking brake motor Upper limit exceeded
C10BD77	Right parking brake motor Position not reached
C10BDF0	Right parking brake motor Speed sensor malfunction
C10BDF1	Right parking brake motor Upper travel limit exceeded
C10BDF2	Right parking brake motor Upper activation time limit exceeded
C10BDF3	Right parking brake motor Supply wires have reversed polarity
C10BE00	Service mode active
C10BF00	Clutch position sensor
C10BF01	Clutch position sensor Electrical malfunction
C10BF04	Clutch position sensor Faulty
C10BF11	Clutch position sensor Short circuit to ground
C10BF15	Clutch position sensor Open circuit/short circuit to B+
C10BF29	Clutch position sensor Implausible signal
C10BF76	Clutch position sensor Incorrect installation location
C10C000	Dampening adjustment indicator lamp
C10C011	Dampening adjustment indicator lamp Short circuit to ground
C10C012	Dampening adjustment indicator lamp Short circuit to B+
C10C100	Function shut-off
C10C11C	Function shut-off Voltage implausible
C10C1F0	Function shut-off Blocking detected
C10C200	Function restriction
C10C2F0	Function restriction Emergency brakes not available
C10C2F1	Function restriction due to overload
C10C300	Body acceleration sensor
C10C316	Body acceleration sensor Voltage too low
C10C317	Body acceleration sensor Voltage too high
C10C400	Basic setting (zero position) not performed
C10C500	Basic setting (deflected) not performed
C10C600	Tire Pressure Monitoring Display Button
C10C607	Tire Pressure Monitoring Display Button mechanical malfunction
C10C629	Tire Pressure Monitoring Display Button Implausible signal
C10C700	Deactivation of electronic differential lock function
C10C74B	Deactivation of electronic differential lock function excess temperature
C10C800	Function deactivation active
C10C900	Steering angle value
C10C929	Steering angle value Implausible signal
C10CA00	Limp home active
C10CB00	Limp home not possible
C10CC00	Pitch rate sensor
C10CC04	Pitch rate sensor Faulty

C-Code	C-Code Text
C10CCF0	Pitch rate sensor Function limitation due to insufficient voltage
C10CCF1	Pitch rate sensor Function limitation due to excessive voltage
C10CD00	Level control system sensor
C10CDF0	Level control system sensor Short circuit to each other
C10CDF1	Level control system sensor Short circuit to each other left front
C10CDF2	Level control system sensor Short circuit to each other right front
C10CDF3	Level control system sensor Short circuit to each other left rear
C10CDF4	Level control system sensor Short circuit to each other right rear
C10CE00	-AUTO HOLD- Button
C10CE01	-AUTO HOLD- Button Electrical malfunction
C10CE29	-AUTO HOLD- Button Implausible signal
C10CF00	ABS valves
C10CF54	ABS valves No basic setting
C10D000	Level control accumulator valve
C10D001	Level control accumulator valve Electrical malfunction
C10D011	Level control accumulator valve Short circuit to ground
C10D012	Level control accumulator valve Short circuit to B+
C10D013	Level control accumulator valve Open circuit
C10D04B	Level control accumulator valve excess temperature
C10D100	Level control valve block air control valve
C10D101	Level control valve block air control valve Electrical malfunction
C10D111	Level control valve block air control valve Short circuit to ground
C10D112	Level control valve block air control valve Short circuit to B+
C10D113	Level control valve block air control valve Open circuit
C10D14B	Level control solenoid valve block air control valve excess temperature
C10D200	Extremely tilted vehicle
C10D207	Extremely tilted vehicle mechanical malfunction
C10D300	Level control system
C10D307	Level control system mechanical malfunction
C10D353	Level control system Deactivated
C10D398	Level control system Temperature too high
C10D3F0	Level control system Manually switched off
C10D400	Level control system control head
C10D404	Level control system control head Faulty
C10D407	Level control system operating unit mechanical malfunction
C10D431	Level control system control head No signal
C10D500	Electro-mechanical power steering indicator lamp
C10D504	Electro-mechanical power steering indicator lamp Faulty
C10D600	Active reset
C10D601	Active reset Electrical malfunction
C10D602	Active reset Signal error
C10D629	Active reset Implausible signal
C10D700	Comfort limitation
C10D800	Air supply unit
C10D84B	Air supply unit excess temperature
C10D900	Loading sill lowering operating unit
C10D907	Loading sill lowering operating unit mechanical malfunction
C10D911	Loading sill lowering operating unit Short circuit to ground
C10D912	Loading sill lowering operating unit Short circuit to B+
C10D913	Loading sill lowering operating unit Open circuit
C10D929	Loading sill lowering operating unit Implausible signal
C10DA00	Function light in loading sill lowering operating unit
C10DA11	Function light in loading sill lowering operating unit Short circuit to ground
C10DA12	Function light in loading sill lowering operating unit Short circuit to B+
C10DA13	Function light in loading sill lowering operating unit Open circuit
C10DB00	Tail light lamp on trailer
C10DB11	Tail light lamp on trailer Short circuit to ground
C10DB15	Tail light lamp on trailer Open circuit/short circuit to B+
C10DC00	Tire Pressure Monitoring
C10DC53	Tire Pressure Monitoring Deactivated

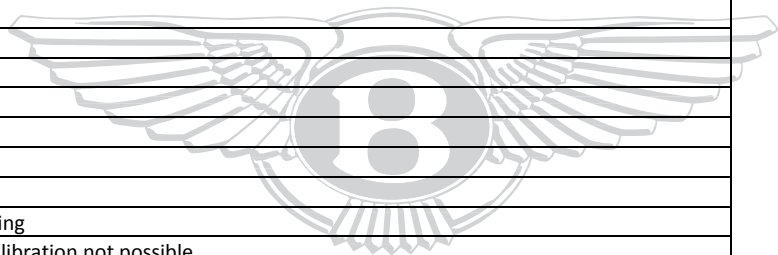
C-Code	C-Code Text
C10DC54	Tire Pressure Monitoring No basic setting
C10DDF1	Data bus diagnostic interface Incorrect coding
C10DE00	Dynamic starting assist function not available
C10DF00	Brake temperature
C10DFF0	Brake temperature Calculation not possible
C10E000	Last calculated brake temperature
C10E0F0	Last calculated brake temperature Memory error
C10E100	Parking brake motors
C10E104	Parking brake motors Faulty
C10E129	Parking brake motors Implausible signal
C10E153	Parking brake motors Deactivated
C10E1F0	Parking brake motors Opened insufficiently
C10E200	Control module for electro-mech. parking brake
C10E201	Control module for electro-mech. parking brake Electrical malfunction
C10E222	Control module for electro-mech. parking brake Upper limit exceeded
C10E253	Control module for electro-mech. parking brake Deactivated
C10E254	Control module for electro-mech. parking brake No basic setting
C10E2F0	Control module for electro-mech. parking brake Wheel speed sensor implausible signal
C10E2F1	Control module for electro-mech. parking brake Button/motors detected
C10E300	Electro-mechanical parking brake motor
C10E329	Electro-mechanical parking brake motor Implausible signal
C10E3F0	Electro-mechanical parking brake motor Tensioning force not available
C10E400	Pivoting trailer hitch
C10E401	Pivoting trailer hitch Electrical malfunction
C10E407	Pivoting trailer hitch mechanical malfunction
C10E412	Pivoting trailer hitch Short circuit to B+
C10E413	Pivoting trailer hitch Open circuit
C10E429	Pivoting trailer hitch Implausible signal
C10E454	Pivoting trailer hitch No basic setting
C10E500	Power pivoting trailer hitch button
C10E511	Power pivoting trailer hitch button Short circuit to ground
C10E512	Power pivoting trailer hitch button Short circuit to B+
C10E513	Power pivoting trailer hitch button Open circuit
C10E529	Power pivoting trailer hitch button Implausible signal
C10E600	Handwheel contact switch
C10E611	Handwheel contact switch Short circuit to ground
C10E612	Handwheel contact switch Short circuit to B+
C10E613	Handwheel contact switch Open circuit
C10E700	Lock bolt contact switch
C10E711	Lock bolt contact switch Short circuit to ground
C10E712	Lock bolt contact switch Short circuit to B+
C10E713	Lock bolt contact switch Open circuit
C10E729	Lock bolt contact switch Implausible signal
C10E800	Power outlet for towing operation
C10E801	Power outlet for towing operation Electrical malfunction
C10E813	Power outlet for towing operation Open circuit
C10E900	Pin 10 outlet voltage supply
C10E901	Pin 10 outlet voltage supply Electrical malfunction
C10EA00	Pin 9 outlet voltage supply
C10EA01	Pin 9 outlet voltage supply Electrical malfunction
C10EB00	Suspension adjustment mode detected
C10EC00	Sensor unit for emergency brake function (brake system sensors)
C10EC29	Sensor unit for emergency brake function (brake system sensors) Implausible signal
C10ED00	EEPROM Reset/write process canceled
C10EE00	Error detected in rolling mode
C10F000	Steering torque sensor 1
C10F029	Steering torque sensor 1 Implausible signal
C10F100	Steering torque sensor 2
C10F129	Steering torque sensor 2 Implausible signal
C10F200	Control limit

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C-Code	C-Code Text
C10F2F0	Control limit exceeded
C10F300	Bulb for brake lamp on trailer
C10F311	Bulb for brake lamp on trailer Short circuit to ground
C10F313	Bulb for brake lamp on trailer Open circuit
C10F315	Bulb for brake lamp on trailer Open circuit/short circuit to B+
C10F400	Bulb for right taillamp on trailer
C10F411	Bulb for right taillamp on trailer Short circuit to ground
C10F415	Bulb for right taillamp on trailer Open circuit/short circuit to B+
C10F500	Bulb for left taillamp on trailer
C10F511	Bulb for left taillamp on trailer Short circuit to ground
C10F515	Bulb for left taillamp on trailer Open circuit/short circuit to B+
C10F600	Bulb for right turn signal lamp on trailer
C10F611	Bulb for right turn signal lamp on trailer Short circuit to ground
C10F615	Bulb for right turn signal lamp on trailer Open circuit/short circuit to B+
C10F700	Bulb for left turn signal lamp on trailer
C10F711	Bulb for left turn signal lamp on trailer Short circuit to ground
C10F715	Bulb for left turn signal lamp on trailer Open circuit/short circuit to B+
C10F800	Bulb for rear fog lamp on trailer
C10F811	Bulb for rear fog lamp on trailer Short circuit to ground
C10F815	Bulb for rear fog lamp on trailer Open circuit/short circuit to B+
C10F900	Trailer brake activation output
C10F911	Trailer brake activation output Short circuit to ground
C10FA00	Bulb for left brake lamp on trailer
C10FA11	Bulb for left brake lamp on trailer Short circuit to ground
C10FA15	Bulb for left brake lamp on trailer Open circuit/short circuit to B+
C10FB00	Bulb for right brake lamp on trailer
C10FB11	Bulb for right brake lamp on trailer Short circuit to ground
C10FB15	Bulb for right brake lamp on trailer Open circuit/short circuit to B+
C10FC00	Back-up light lamp on trailer
C10FC11	Back-up light lamp on trailer Short circuit to ground
C10FD00	Function limitation due to optical constraint
C10FE00	Valves for dampening adjustment
C10FE01	Valves for dampening adjustment Electrical malfunction
C10FF00	Function lamp in instrument cluster
C10FF11	Function lamp in instrument cluster Short circuit to ground
C10FF15	Function lamp in instrument cluster Open circuit/short circuit to B+
C110000	Hydraulic assistance
C110029	Hydraulic assistance Implausible signal
C1100F0	Hydraulic assistance not possible
C110100	Windshield heater for directional stabilization assistance
C110111	Windshield heater for directional stabilization assistance Short circuit to ground
C110112	Windshield heater for directional stabilization assistance Short circuit to B+
C110115	Windshield heater for directional stabilization assistance Open circuit/short circuit to B+
C110200	Directional Stabilization Assistance Contr Module
C110254	Directional Stabilization Assistance Contr Module No basic setting
C1102F1	Directional Stabilization Assistance Contr Module Restricted view
C1102F2	Directional Stabilization Assistance Contr Module Basic setting could not be performed
C110300	Sensor for automatic distance control misadjusted
C110400	Camera malfunction
C110500	Vehicle Identification Number (VIN) Implausible
C110600	Dynamic calibration
C1106F0	Dynamic calibration Limit value exceeded
C110700	Video line for image processing
C110702	Video line for image processing Signal error
C110800	Function limitation due to missing image information
C1108F0	Function restriction due to freeze frame
C110900	Function limitation due to missing camera calibration
C110A00	Camera control module
C110A46	Camera control module Calibration or parameter memory error
C110A54	Camera control module No basic setting

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C-Code	C-Code Text
C110A76	Camera control module Incorrect installation location
C110AF0	Camera control module Restricted view
C110AF1	Camera control module Steering type not compatible
C110B00	Sensor for automatic distance control
C110B49	Sensor for automatic distance control No signal
C110BF0	Sensor for automatic distance control Restricted view
C110C00	Head-up display light element
C110CF0	Head-up display light element LED chain failed
C110CF1	Head-up display light element Both LED chains failed
C110D00	Safety lock for active steering
C110D01	Safety lock for active steering Electrical malfunction
C110D07	Safety lock for active steering mechanical malfunction
C110D11	Safety lock for active steering Short circuit to ground
C110D12	Safety lock for active steering Short circuit to B+
C110E00	Initialization sensor in steering motor
C110E11	Initialization sensor in steering motor Short circuit to ground
C110E29	Initialization sensor in steering motor Implausible signal
C110F00	Motor for active steering
C110F07	Motor for active steering mechanical malfunction
C110F13	Motor for active steering Open circuit
C110F1B	Motor for active steering Resistance too high
C111000	Wheel speed signal
C111029	Wheel speed signal Implausible signal
C111100	Solenoid valve supply voltage
C111111	Solenoid valve supply voltage Short circuit to ground
C111200	Haldex Clutch Pump
C111204	Haldex Clutch Pump Faulty
C111207	Haldex Clutch Pump mechanical malfunction
C111211	Haldex Clutch Pump Short circuit to ground
C111212	Haldex Clutch Pump Short circuit to B+
C111213	Haldex Clutch Pump Open circuit
C111221	Haldex Clutch Pump Lower limit not reached
C111222	Haldex Clutch Pump Upper limit exceeded
C111254	Haldex Clutch Pump No basic setting
C111300	All Wheel Drive (AWD)
C111304	All Wheel Drive (AWD) Faulty
C111307	All Wheel Drive (AWD) mechanical malfunction
C111400	Lane change assistant control module
C111454	Lane change assistant control module No basic setting
C1114F0	Lane change assistant control module Automatic calibration not possible
C1114F1	Lane change assistant control module Restricted view due to solarization
C1114F2	Lane change assistant control module Object constantly detected
C1114F3	Lane change assistant control module Restricted view
C111500	Lane change assistant control module 2
C111504	Lane change assistant control module 2 Faulty
C111554	Lane change assistant control module 2 No basic setting
C1115F0	Lane change assistant control module 2 Automatic calibration not possible
C1115F1	Lane change assistant control module 2 Function limitation due to excessive voltage
C1115F2	Lane change assistant control module 2 Function limitation due to insufficient voltage
C1115F3	Lane change assistant control module 2 Restricted view due to solarization
C1115F4	Lane change assistant control module 2 Object constantly detected
C1115F5	Lane change assistant control module 2 Restricted view
C1115F6	Lane change assistant control module 2 Incorrect version installed
C111600	Lane change assistance warning lamp in driver side ext mirror
C111611	Lane change assistance warning lamp in driver side ext mirror Short circuit to ground
C111615	Lane change assistance warning lamp in driver side ext mirror Open circuit/short circuit to B+
C111700	Lane change assistance warning lamp in pass side ext mirror
C111711	Lane change assistance warning lamp in pass side ext mirror Short circuit to ground
C111715	Lane change assistance warning lamp in pass side ext mirror Open circuit/short circuit to B+
C111800	Lane change assistant button



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C-Code	C-Code Text
C111811	Lane change assistant button Short circuit to ground
C111900	Lane change assistance indicator lamp
C111911	Lane change assistance indicator lamp Short circuit to ground
C111915	Lane change assistance indicator lamp Short circuit to B+/Open circuit
C111A00	Tire pressure sensor (one or more)
C111A04	Tire pressure sensor (one or more) Faulty
C111A31	Tire pressure sensor (one or more) No signal
C111B00	Tires 01 Tire pressure warning - too low
C111C00	Tires 01 Tire pressure warning - flat tire
C111D00	Tires 02 Tire pressure warning - too low
C111E00	Tires 02 Tire pressure warning - flat tire
C111F00	Tires 03 Tire pressure warning - too low
C112000	Tires 03 Tire pressure warning - flat tire
C112100	Tires 04 Tire pressure warning - too low
C112200	Tires 04 Tire pressure warning - flat tire
C112300	Reset 01 Tire pressure warning - too low
C112400	Reset 01 Tire pressure warning - flat tire
C112500	Reset 02 Tire pressure warning - too low
C112600	Reset 02 Tire pressure warning - flat tire
C112700	Reset 03 Tire pressure warning - too low
C112800	Reset 03 Tire pressure warning - flat tire
C112900	Reset 04 Tire pressure warning - too low
C112A00	Reset 04 Tire pressure warning - flat tire
C112B00	Adaptation not possible Too many tire pressure sensors on vehicle
C112C00	Adaptation/part monitoring not possible Tire pressure sensor defective/no signal
C112D00	New data set not yet activated
C112E00	Supply voltage for assembly mounting sensor
C112E11	Supply voltage for assembly mounting sensor Short circuit to ground
C112E12	Supply voltage for assembly mounting sensor Short circuit to B+
C112E13	Supply voltage for assembly mounting sensor Open circuit
C112F00	Sensor 1 signal wire for assembly mounting
C112F11	Sensor 1 signal wire for assembly mounting Short circuit to ground
C112F12	Sensor 1 signal wire for assembly mounting Short circuit to B+
C112F13	Sensor 1 signal wire for assembly mounting Open circuit
C113000	Sensor 2 signal wire for assembly mounting
C113011	Sensor 2 signal wire for assembly mounting Short circuit to ground
C113012	Sensor 2 signal wire for assembly mounting Short circuit to B+
C113013	Sensor 2 signal wire for assembly mounting Open circuit
C113100	Actuator 1 for assembly mounting
C113111	Actuator 1 for assembly mounting Short circuit to ground
C113112	Actuator 1 for assembly mounting Short circuit to B+
C113113	Actuator 1 for assembly mounting Open circuit
C113200	Actuator 2 for assembly mounting
C113211	Actuator 2 for assembly mounting Short circuit to ground
C113212	Actuator 2 for assembly mounting Short circuit to B+
C113213	Actuator 2 for assembly mounting Open circuit
C113300	Assembly mounting control module
C11334B	Assembly mounting control module excess temperature
C113400	Indicator light for brake system
C113404	Indicator light for brake system Faulty
C113500	ASR and ESP indicator lamp
C113504	ASR and ESP indicator lamp Faulty
C113600	ABS warning lamp
C113604	ABS warning lamp Faulty
C113700	ESP road test
C113729	ESP road test Implausible signal
C113800	Left rear wheel speed signal output
C113900	Right rear wheel speed signal output
C113A00	Voltage converter
C113A01	Voltage converter Electrical malfunction

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C-Code	C-Code Text
C113B00	Button for hill descent assist
C113B29	Button for hill descent assist Implausible signal
C113C00	Actuator 1 for engine noise generation
C113C01	Actuator 1 for engine noise generation Electrical malfunction
C113C13	Actuator 1 for engine noise generation Open circuit
C113D00	Actuator 2 for engine noise generation
C113D01	Actuator 2 for engine noise generation Electrical malfunction
C113D13	Actuator 2 for engine noise generation Open circuit
C113E00	Software error detected
C113F00	Operation of inclination display in sensor electronics
C113FF0	Operation of inclination display No system availability
C113FF1	Operation of inclination display Large temperature change
C113FF2	Operation of inclination display Improper access, adaptation data
C114000	Overboost adaptation not performed
C114100	Terminal 30
C114101	Terminal 30 Electrical malfunction
C114200	Terminal 31
C114201	Terminal 31 Electrical malfunction
C114300	Deactivation
C1143F0	Deactivation following multiple activations emergency braking
C114400	Ground (GND) wire
C114413	Ground (GND) wire Open circuit
C114500	Button lamp for electrical parking brake
C114512	Button lamp for electrical parking brake Short circuit to B+
C114513	Button lamp for electrical parking brake Open circuit
C114600	Tire pressure monitoring display
C114602	Tire pressure monitoring display Signal error
C11461F	Tire pressure monitoring display Temporary malfunction
C114653	Tire pressure monitoring display Deactivated
C114654	Tire pressure monitoring display No basic setting
C1146F0	Tire pressure monitoring display Not available
C1146F1	Tire pressure monitoring display currently not available
C1146F2	Tire pressure monitoring display EEPROM malfunction
C1146F3	Tire pressure monitoring display Repeat adaptation

P-Code	P-Code Text
P000100	Fuel Volume Regulator Control Circuit/Open
P000A00	"A" Camshaft Position Slow Response (Bank 1)
P000B00	"B" Camshaft Position Slow Response (Bank 1)
P000C00	"A" Camshaft Position Slow Response (Bank 2)
P000D00	"B" Camshaft Position Slow Response (Bank 2)
P000E00	Fuel Volume Regulator Control Exceeded Learning Limit
P001000	"A" Camshaft Position Actuator Circuit/Open (Bank1)
P001100	A Camshaft Position (Bank1) Timing over-advanced or System Performance
P001200	A Camshaft Position (Bank1) Timing over-retarded
P001300	B Camshaft Position Actuator Circuit/Open (Bank1)
P001400	B Camshaft Position (Bank1) Timing over-advanced or System Performance
P001500	B Camshaft Position (Bank1) Timing over-retarded
P001600	Crankshaft Position-Camshaft Position Correlation Bank 1 Sensor A
P001700	Crankshaft Position-Camshaft Position Correlation Bank 1 Sensor B
P001800	Crankshaft Position-Camshaft Position Correlation Bank 2 Sensor A
P001900	Crankshaft Position-Camshaft Position Correlation Bank 2 Sensor B
P002000	A Camshaft Position Actuator Circuit(Bank2)
P002100	A Camshaft Position (Bank2) Timing over-advanced or System Performance
P002200	A Camshaft Position (Bank2) Timing over-retarded
P002300	B Camshaft Position Actuator Circuit(Bank2)
P002400	B Camshaft Position (Bank2) Timing over-advanced or System Performance
P002500	B Camshaft Position (Bank2) Timing over-retarded
P003000	O2 Sensor Heater Contr. Circ.(Bank1(1)Sensor 1)
P003100	O2 Sensor Heater Contr. Circ.(Bank1(1)Sensor 1) Low
P003200	O2 Sensor Heater Contr. Circ.(Bank1(1)Sensor 1) High
P003300	Turbo Charger Bypass Valve Control Circuit
P003400	Turbo Charger Bypass Valve Control Circuit Low
P003500	Turbo Charger Bypass Valve Control Circuit High
P003600	O2 Sensor Heater Contr. Circ.(Bank1(1)Sensor 2)
P003700	O2 Sensor Heater Contr. Circ.(Bank1(1)Sensor 2) Low
P003800	O2 Sensor Heater Contr. Circ.(Bank1(1)Sensor 2) High
P003900	Turbo/Super Charger Bypass Valve Control Circuit Range/Performance
P004000	O2 Sensor Signals Swapped Bank 1 Sensor 1/ Bank 2 Sensor 1
P004100	O2 Sensor Signals Swapped Bank 1 Sensor 2/ Bank 2 Sensor 2
P004200	O2 Sensor Heater Contr. Circ.(Bank1(1)Sensor 3)
P004300	O2 Sensor Heater Contr. Circ.(Bank1(1)Sensor 3) Low
P004400	O2 Sensor Heater Contr. Circ.(Bank1(1)Sensor 3) High
P004500	Turbocharger/Supercharger Boost Control Solenoid "A" Circuit/Open
P004700	Turbocharger/Supercharger Boost Control Solenoid "A" Circuit Low
P004800	Turbocharger/Supercharger Boost Control Solenoid "A" Circuit High
P004900	Turbocharger/Supercharger Turbine Overspeed
P004A00	Turbocharger/Supercharger Boost Control Solenoid "B" Circuit / Open
P004C00	Turbocharger/Supercharger Boost Control Solenoid "B" Circuit Low
P004D00	Turbocharger/Supercharger Boost Control Solenoid "B" Circuit High
P005000	O2 Sensor Heater Contr. Circ.(Bank2 Sensor 1)
P005100	O2 Sensor Heater Contr. Circ.(Bank2 Sensor 1) Low
P005200	O2 Sensor Heater Contr. Circ.(Bank2 Sensor1) High
P005600	O2 Sensor Heater Contr. Circ.(Bank2 Sensor 2)
P005700	O2 Sensor Heater Contr. Circ.(Bank2 Sensor 2) Low
P005800	O2 Sensor Heater Contr. Circ.(Bank2 Sensor2) High
P006200	HO2S Heater Control Circuit
P006300	HO2S Heater Control Circuit Low
P006400	HO2S Heater Control Circuit High Bank2 Sensor3
P006500	Air Assisted Injector Control Range/Performance
P006600	Air Assisted Injector Control Circuit low
P006700	Air Assisted Injector Control Circuit high
P006800	MAP/MAF - Throttle Position Correlation
P006900	Manifold Absolute Pressure - Barometric Pressure Correlation
P006C00	MAP - Turbocharger/Supercharger Inlet Pressure Correlation
P007000	Ambient Air Temperature Sensor Circuit

P-Code	P-Code Text
P007100	Ambient Air Temperature Sensor Circuit Range/Performance
P007200	Ambient Air Temperature Sensor Circuit Low
P007300	Ambient Air Temperature Sensor Circuit High
P007400	Ambient Air Temperature Sensor Circuit Intermittent
P007600	Intake Valve Control Solenoid Circuit Low
P007700	Intake Valve Control Solenoid Circuit High
P007900	Exhaust Valve Control Solenoid Circuit Low
P007C00	Charge Air Cooler Temperature Sensor Circuit Low Bank 1
P007D00	Charge Air Cooler Temperature Sensor Circuit High Bank 1
P008000	Exhaust Valve Control Solenoid Circuit High
P008200	Intake Valve Control Solenoid Bank 2 Circuit Low
P008300	Intake Valve Control Solenoid Bank 2 Circuit High
P008500	Exhaust Valve Control Solenoid Bank 2 Circuit Low
P008600	Exhaust Valve Control Solenoid Bank 2 Circuit High
P008700	Fuel Rail/System Pressure - Too Low
P008800	Fuel Rail/System Pressure - Too High
P008900	Fuel Pressure Regulator 1 Performance
P008A00	Low Pressure Fuel System Pressure - Too Low
P008B00	Low Pressure Fuel System Pressure - Too High
P009000	Fuel Pressure Regulator 1 Control Circuit
P009100	Fuel Pressure Regulator 1 Control Circuit Low
P009200	Fuel Pressure Regulator 1 Control Circuit High
P009500	Intake Air Temperature Sensor 2 Circuit
P009600	Intake Air Temperature Sensor 2 Circuit Bank 1 Range/Performance
P009700	Intake Air Temperature Sensor 2 Circuit Low
P009800	Intake Air Temperature Sensor 2 Circuit High
P009900	Intake Air Temperature Sensor 2 Circuit Intermittent/Erratic
P009B00	Fuel Pressure Relief Control Circuit/Open
P009C00	Fuel Pressure Relief Control Circuit Low
P009D00	Fuel Pressure Relief Control Circuit High
P009E00	Fuel Pressure Relief Control Performance/Stuck Off
P009F00	Fuel Pressure Relief Control Stuck on
P00A200	Charge Air Cooler Temperature Sensor Circuit Low Bank 2
P00A300	Charge Air Cooler Temperature Sensor Circuit High Bank 2
P00A600	Intake Air Temperature Sensor 2 Circuit Bank 2 Range/Performance
P00AB00	Intake Air Temperature Sensor 1 Circuit Range/Performance
P00AC00	Intake Air Temperature Sensor 1 Bank 2 Circuit Low
P00AD00	Intake Air Temperature Sensor 1 Bank 2 Circuit High
P00AF00	Turbocharger/Supercharger Boost Control "A" Module Performance
P00B000	Turbocharger/Supercharger Boost Control "B" Module Performance
P00B200	Radiator Coolant Temperature Sensor Circuit Range/Performance
P00B700	Engine Coolant Flow Low/Performance
P00C000	Turbocharger/Supercharger Bypass Valve "B" Control Circuit
P00C100	Turbocharger/Supercharger Bypass Valve "B" Control Circuit Low
P00C200	Turbocharger/Supercharger Bypass Valve "B" Control Circuit High
P00C600	Fuel Rail Pressure Too Low - Engine Cranking
P00C700	Intake Air Pressure Measurement System - Multiple Sensor Correlation
P00D100	O2 Sensor 1 Bank 1 Heater Performance
P00D200	O2 Sensor 2 Bank 1 Heater Performance
P00D300	O2 Sensor 1 Bank 2 Heater Performance
P00D400	O2 Sensor 2 Bank 2 Heater Performance
P00D500	O2 Sensor 1 Bank 1 or O2 Sensor 2 Bank 1 correlation
P00D600	O2 Sensor 1 Bank 2 or O2 Sensor 2 Bank 2 correlation
P010000	Mass or Volume Air Flow Circuit
P010100	Mass or Volume Air Flow Circ. Range/Performance
P010200	Mass or Volume Air Flow Circ. Low Input
P010300	Mass or Volume Air Flow Circ. High Input
P010400	Mass or Volume Air Flow Circuit Intermittent
P010500	Manifold Absolute Pressure/Barometric Pressure Circuit
P010600	Manifold Absolute Pressure or Barometric Pressure Range/Performance

P-Code	P-Code Text
P010700	Manifold Abs.Pressure or Bar.Pressure Low Input
P010800	Manifold Abs.Pressure or Bar.Pressure High Input
P010A00	Mass or Volume Air Flow "B" Circuit
P010B00	Mass or Volume Air Flow "B" Circuit Range/Performance
P010C00	Mass or Volume Air Flow "B" Circuit Low Input
P010D00	Mass or Volume Air Flow "B" Circuit High Input
P010E00	Mass or Volume Air Flow "B" Circuit Intermittent/Erratic
P010F00	Mass or Volume Air Flow Sensor A/B Correlation
P011000	Intake Air Temperature Sensor 1 Bank 1 Circuit
P011100	Intake Air Temperature Sensor 1 Bank 1 Circuit Range/Performance
P011200	Intake Air Temperature Sensor 1 Bank 1 Circuit Low
P011300	Intake Air Temperature Sensor 1 Bank 1 Circuit High
P011400	Intake Air Temperature Sensor 1 Bank 1 Circuit Intermittent
P011500	Engine Coolant Temperature Sensor 1 Circuit
P011600	Engine Coolant Temperature Sensor 1 Circuit Range/Performance
P011700	Engine Coolant Temperature Sensor 1 Circuit Low
P011800	Engine Coolant Temperature Sensor 1 Circuit High
P011A00	Engine Coolant Temperature Sensor 1/2 Correlation
P011F00	Engine Coolant Temperature 2 / Ambient Air Temperature Correlation
P012000	Throttle/Pedal Pos.Sensor A Circ. Malfunction
P012100	Throttle/Pedal Pos.Sensor A Circ. Range/Performance
P012200	Throttle/Pedal Pos.Sensor A Circ. Low Input
P012300	Throttle/Pedal Pos.Sensor A Circ. High Input
P012500	Insufficient Coolant Temp.for Closed Loop Fuel Control
P012700	Intake Air Temperature Too High
P012800	Coolant Thermostat (Coolant Temperature Below Thermostat Regulating Temperature)
P012A00	Turbocharger/Supercharger Inlet Pressure Sensor Circuit
P012B00	Turbocharger/Supercharger Inlet Pressure Sensor Circuit Range/Performance
P012C00	Turbocharger/Supercharger Inlet Pressure Sensor Circuit Low
P012D00	Turbocharger/Supercharger Inlet Pressure Sensor Circuit High
P013000	O2 Sensor Circ.,Bank1-Sensor1 Malfunction
P013100	O2 Sensor Circ.,Bank1-Sensor1 Low Voltage
P013200	O2 Sensor Circ.,Bank1-Sensor1 High Voltage
P013300	O2 Sensor Circ.,Bank1-Sensor1 Slow Response
P013400	O2 Sensor Circ.,Bank1-Sensor1 No Activity Detected
P013500	O2 Sensor Heater Circ.,Bank1-Sensor1 Malfunction
P013600	O2 Sensor Circ.,Bank1-Sensor2 Malfunction
P013700	O2 Sensor Circ.,Bank1-Sensor2 Low Voltage
P013800	O2 Sensor Circ.,Bank1-Sensor2 High Voltage
P013900	O2 Sensor Circ.,Bank1-Sensor2 Slow Response
P013A00	O2 Sensor Bank 1 Sensor 2 Slow Response - Rich to Lean
P013B00	O2 Sensor Bank1-Sensor2 Slow Response - Lean to Rich
P013C00	O2 Sensor Bank 2 Sensor 2 Slow Response - Rich to Lean
P013D00	O2 Sensor Bank 2 Sensor 2 Slow Response - Lean to Rich
P013E00	O2 Sensor Bank 1 Sensor 2 Delayed Response - Rich to Lean
P013F00	O2 Sensor Bank 1 Sensor 2 Delayed Response - Lean to Rich
P014000	O2 Sensor Circ.,Bank1-Sensor2 No Activity Detected
P014100	O2 Sensor Heater Circ.,Bank1-Sensor2 Malfunction
P014200	O2 Sensor Circ.,Bank1-Sensor3
P014300	O2 Sensor Circ.,Bank1-Sensor3 Low Voltage
P014400	O2 Sensor Circ.,Bank1-Sensor3 High Voltage
P014500	O2 Sensor Circ.,Bank1-Sensor3 Slow Response
P014600	O2 Sensor Circ.,Bank1-Sensor3 No Activity Detected
P014700	O2 Sensor Heater Circ.,Bank1-Sensor3
P014800	Fuel Delivery Error
P014900	Fuel Timing Error
P014A00	O2 Sensor Bank 2 Sensor 2 Delayed Response - Rich to Lean
P014B00	O2 Sensor Bank 2 Sensor 2 Delayed Response - Lean to Rich
P014C00	O2 Sensor Bank 1 Sensor 1 Slow Response - Rich to Lean
P014D00	O2 Sensor Bank1-Sensor1 Slow Response - Lean to Rich

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P-Code	P-Code Text
P014E00	O2 Sensor Bank 2 Sensor 1 Slow Response - Rich to Lean
P014F00	O2 Sensor Bank 2 Sensor 1 Slow Response - Lean to Rich
P015000	O2 Sensor Circ.,Bank2-Sensor1 Malfunction
P015100	O2 Sensor Circ.,Bank2-Sensor1 Low Voltage
P015200	O2 Sensor Circ.,Bank2-Sensor1 High Voltage
P015300	O2 Sensor Circ.,Bank2-Sensor1 Slow Response
P015400	O2 Sensor Circ.,Bank2-Sensor1 No Activity Detected
P015500	O2 Sensor Heater Circ.,Bank2-Sensor1 Malfunction
P015600	O2 Sensor Circ.,Bank2-Sensor2 Malfunction
P015700	O2 Sensor Circ.,Bank2-Sensor2 Low Voltage
P015800	O2 Sensor Circ.,Bank2-Sensor2 High Voltage
P015900	O2 Sensor Circ.,Bank2-Sensor2 Slow Response
P016000	O2 Sensor Circ.,Bank2-Sensor2 No Activity Detected
P016100	O2 Sensor Heater Circ.,Bank2-Sensor2 Malfunction
P016200	O2 Sensor Circ.,Bank2-Sensor3 Malfunction
P016300	O2 Sensor Circ.,Bank2-Sensor3 Low Voltage
P016400	O2 Sensor Circ.,Bank2-Sensor3 High Voltage
P016500	O2 Sensor Circ.,Bank2-Sensor3 Slow Response
P016600	O2 Sensor Circ.,Bank2-Sensor3 No Activity Detected
P016700	O2 Sensor Heater Circ.,Bank2-Sensor3 Malfunction
P016900	Incorrect Fuel Composition
P017000	Fuel Trim,Bank1 Malfunction
P017100	Fuel Trim,Bank1 System too Lean
P017200	Fuel Trim,Bank1 System too Rich
P017300	Fuel Trim,Bank2 Malfunction
P017400	Fuel Trim,Bank2 System too Lean
P017500	Fuel Trim,Bank2 System too Rich
P017700	Fuel Composition Sensor Circuit Range/Performance
P017800	Fuel Composition Sensor Circuit Low
P017900	Fuel Composition Sensor Circuit High
P017B00	Cylinder Head Temperature Sensor Circuit Range/Performance
P017C00	Cylinder Head Temperature Sensor Circuit Low
P017D00	Cylinder Head Temperature Sensor Circuit High
P018100	Fuel Temperature Sensor A Circuit Range/Performance
P018200	Fuel Temperature Sensor A Circuit Low Input
P018300	Fuel Temperature Sensor A Circuit High Input
P018600	Fuel Temperature Sensor B Circuit Range/Performance
P018700	Fuel Temperature Sensor B Circuit Low
P018800	Fuel Temperature Sensor B Circuit High
P018A00	Fuel Pressure Sensor "B" Circuit
P018B00	Fuel Pressure Sensor "B" Circuit Range/Performance
P018C00	Fuel Pressure Sensor "B" Circuit Low
P019000	Fuel Rail Pressure Sensor "A" Circuit
P019100	Fuel Rail Pressure Sensor "A" Circuit Range/Performance
P019200	Fuel Rail Pressure Sensor "A" Circuit Low Input
P019300	Fuel Rail Pressure Sensor "A" Circuit High Input
P019400	Fuel Rail Pressure Sensor "A" Circuit Intermittent
P019500	Engine Oil Temperature Sensor Circuit
P019600	Engine Oil Temperature Sensor Circuit range/performance
P019700	Engine Oil Temperature Sensor Circuit low
P019800	Engine Oil Temperature Sensor Circuit high
P019900	Engine Oil Temperature Sensor Circuit Intermittent/Erratic
P01BB00	Engine Oil Temperature Sensor "B" Circuit Low
P01BC00	Engine Oil Temperature Sensor "B" Circuit High
P01BD00	Engine Oil Temperature Sensor "B" Circuit Intermittent/Erratic
P01C800	Fuel Rail/System Pressure Bank 2 Too Low
P01C900	Fuel Rail/System Pressure Bank 2 Too High
P020000	Injector Circuit open
P020100	Cylinder 1- Injector Circuit
P020200	Cylinder 2- Injector Circuit

P-Code	P-Code Text
P020300	Cylinder 3- Injector Circuit
P020400	Cylinder 4- Injector Circuit
P020500	Cylinder 5- Injector Circuit
P020600	Cylinder 6- Injector Circuit
P020700	Cylinder 7- Injector Circuit
P020800	Cylinder 8- Injector Circuit
P020900	Cylinder 9- Injector Circuit
P020A00	Cylinder 1 Injection Timing
P020B00	Cylinder 2 Injection Timing
P020C00	Cylinder 3 Injection Timing
P020D00	Cylinder 4 Injection Timing
P020E00	Cylinder 5 Injection Timing
P020F00	Cylinder 6 Injection Timing
P021000	Cylinder 10- Injector Circuit
P021100	Cylinder 11- Injector Circuit
P021200	Cylinder 12- Injector Circuit
P021300	Cold Start Injector 1
P021500	Engine Shutoff Solenoid
P021600	Injection Timing Control Circuit
P021700	Engine Coolant Over Temperature Condition
P021800	Transmission Fluid Over Temperature Condition
P021900	Engine Overspeed Condition
P021A00	Cylinder 7 Injection Timing
P021B00	Cylinder 8 Injection Timing
P021C00	Cylinder 9 Injection Timing
P021D00	Cylinder 10 Injection Timing
P021E00	Cylinder 11 Injection Timing
P021F00	Cylinder 12 Injection Timing
P022100	Throttle/Pedal Position Sensor/Switch B Range/Performance
P022200	Throttle/Pedal Position Sensor/Switch B Low Input
P022300	Throttle/Pedal Position Sensor/Switch B High Input
P022500	Throttle/Pedal Position Sensor/Switch C
P022600	Throttle/Pedal Position Sensor/Switch C Circuit Range/Performance
P022700	Throttle/Pedal Position Sensor/Switch C Circuit Low Input
P022800	Throttle/Pedal Position Sensor/Switch C Circuit High Input
P022A00	Charge Air Cooler Bypass Control "A" Circuit /Open
P022B00	Charge Air Cooler Bypass Control "A" Circuit Low
P022C00	Charge Air Cooler Bypass Control "A" Circuit High
P023000	Fuel Pump Primary Circuit
P023400	Turbo/Super Charger Overboost Condition
P023500	Turbo/Super Charger Boost Sensor A Circ.
P023600	Turbocharger Boost Sensor (A) Circ. Range/Performance
P023700	Turbocharger Boost Sensor (A) Circ. Low Input
P023800	Turbocharger Boost Sensor (A) Circ. High Input
P023A00	Charge Air Cooler Coolant Pump Control Circuit/Open
P023B00	Charge Air Cooler Coolant Pump Control Circuit Low
P023C00	Charge Air Cooler Coolant Pump Control Circuit High
P023F00	Fuel Pump Secondary Circuit/Open
P024000	Turbo/Super Charger Boost Sensor "B" Circuit Range/Performance
P024100	Turbo/Super Charger Boost Sensor "B" Circuit Low
P024200	Turbo/Super Charger Boost Sensor "B" Circuit High
P024300	Turbo/Super Charger Wastegate Solenoid A
P024500	Turbo/Super Charger Wastegate Solenoid A Low
P024600	Turbo/Super Charger Wastegate Solenoid A High
P024700	Turbocharger/Supercharger Wastegate Solenoid "B"
P024900	Turbo/Super Charger Wastegate Solenoid "B" Low
P024A00	Charge Air Cooler Bypass Control "A" Range/Performance
P024B00	Charge Air Cooler Bypass Control "A" Stuck
P025000	Turbo/Super Charger Wastegate Solenoid "B" High
P025100	Injection Pump Fuel Metering Control "A" (Cam/Rotor/Injector)



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P-Code	P-Code Text
P025200	Injection Pump Fuel Metering Control A Range/Performance (Cam/Rotor/Injector)
P025A00	Fuel Pump Module Control Circuit/Open
P025B00	Fuel Pump Module Control Circuit Range/Performance
P025C00	Fuel Pump Module Control Circuit Low
P025D00	Fuel Pump Module Control Circuit High
P026100	Cylinder 1- Injector Circuit Low
P026200	Cylinder 1- Injector Circuit High
P026300	Cylinder 1 Contribution/Balance
P026400	Cylinder 2- Injector Circuit Low
P026500	Cylinder 2- Injector Circuit High
P026600	Cylinder 2 Contribution/Balance
P026700	Cylinder 3- Injector Circuit Low
P026800	Cylinder 3- Injector Circuit High
P026900	Cylinder 3 Contribution/Balance
P026A00	Charge Air Cooler Efficiency Below Threshold
P027000	Cylinder 4- Injector Circuit Low
P027100	Cylinder 4- Injector Circuit High
P027200	Cylinder 4 Contribution/Balance
P027300	Cylinder 5- Injector Circuit Low
P027400	Cylinder 5- Injector Circuit High
P027500	Cylinder 5 Contribution/Balance
P027600	Cylinder 6- Injector Circuit Low
P027700	Cylinder 6- Injector Circuit High
P027800	Cylinder 6 Contribution/Balance
P027900	Cylinder 7- Injector Circuit Low
P028000	Cylinder 7- Injector Circuit High
P028100	Cylinder 7 Contribution/Balance
P028200	Cylinder 8- Injector Circuit Low
P028300	Cylinder 8- Injector Circuit High
P028400	Cylinder 8 Contribution/Balance
P028500	Cylinder 9- Injector Circuit Low
P028600	Cylinder 9- Injector Circuit High
P028700	Cylinder 9 Contribution/Balance
P028800	Cylinder 10- Injector Circuit Low
P028900	Cylinder 10- Injector Circuit High
P029000	Cylinder 10 Contribution/Balance
P029100	Cylinder 11- Injector Circuit Low
P029200	Cylinder 11- Injector Circuit High
P029300	Cylinder 11 Contribution/Balance
P029400	Cylinder 12- Injector Circuit Low
P029500	Cylinder 12- Injector Circuit High
P029600	Cylinder 12 Contribution/Balance
P029900	Turbo/Super Charger Underboost
P02CA00	Turbocharger/Supercharger "B" Overboost Condition
P02CB00	Turbocharger/Supercharger "B" Underboost Condition
P02CD00	Cylinder 1 Fuel Injector Offset Learning At Max Limit
P02CF00	Cylinder 2 Fuel Injector Offset Learning At Max Limit
P02D100	Cylinder 3 Fuel Injector Offset Learning At Max Limit
P02D300	Cylinder 4 Fuel Injector Offset Learning At Max Limit
P030000	Random/Multiple Cylinder Misfire Detected
P030100	Cyl.1 Misfire Detected
P030200	Cyl.2 Misfire Detected
P030300	Cyl.3 Misfire Detected
P030400	Cyl.4 Misfire Detected
P030500	Cyl.5 Misfire Detected
P030600	Cyl.6 Misfire Detected
P030700	Cyl.7 Misfire Detected
P030800	Cyl.8 Misfire Detected
P030900	Cyl.9 Misfire Detected
P031000	Cyl.10 Misfire Detected

P-Code	P-Code Text
P031100	Cyl.11 Misfire Detected
P031200	Cyl.12 Misfire Detected
P031300	Misfire Detected with Low Fuel
P031400	Single Cylinder Misfire
P031800	Rough Road Sensor "A" Signal Circuit
P032100	Ign./Distributor Eng.Speed Inp.Circ. Range/Performance
P032200	Ign./Distributor Eng.Speed Inp.Circ. No Signal
P032400	Knock Control System Error
P032500	Knock Sensor 1 Circuit Malfunktion
P032600	Knock Sensor 1 Circuit Range/Performance
P032700	Knock Sensor 1 Circ. Low Input
P032800	Knock Sensor 1 Circ. High Input
P033000	Knock Sensor 2 Circuit
P033100	Knock Sensor 2 Circuit Range/Performance
P033200	Knock Sensor 2 Circ. Low Input
P033300	Knock Sensor 2 Circ. High Input
P033500	Crankshaft Position Sensor A Circuit
P033600	Crankshaft Position Sensor A Circuit Range/Performance
P033700	Crankshaft Pos.Sensor (A) Circ. Low Input
P033900	Crankshaft Position Sensor "A" Circuit Intermittent
P034000	Camshaft Position Sensor Circuit
P034100	Camshaft Pos.Sensor Circ. Range/Performance
P034200	Camshaft Pos.Sensor Circ. Low Input
P034300	Camshaft Pos.Sensor Circ. High Input
P034500	Camshaft Position Sensor Circuit Bank2
P034600	Camshaft Pos.Sensor Circ. (Bank2) Range/Performance
P034700	Camshaft Pos.Sensor "A" Circ. (Bank2) Low
P034800	Camshaft Pos.Sensor "A" Circ. (Bank2) High
P035100	Ignition Coil A Primary/secondary Circuit
P035200	Ignition Coil B Primary/secondary Circuit
P035300	Ignition Coil C Primary/secondary Circuit
P035400	Ignition Coil D Primary/secondary Circuit
P035500	Ignition Coil E Primary/secondary Circuit
P035600	Ignition Coil F Primary/secondary Circuit
P035700	Ignition Coil G Primary/secondary Circuit
P035800	Ignition Coil H Primary/secondary Circuit
P035900	Ignition Coil I Primary/secondary Circuit
P036000	Ignition Coil J Primary/secondary Circuit
P036100	Ignition Coil K Primary/secondary Circuit
P036200	Ignition Coil L Primary/secondary Circuit
P036300	Misfire Detected - Fueling Disabled
P036500	Camshaft Position Sensor "B" Circuit (Bank 1)
P036600	Camshaft Pos.Sensor "B" Circ. (Bank 1) Range/Performance
P036700	Camshaft Pos.Sensor "B" Circ. (Bank 1) Low Input
P036800	Camshaft Pos.Sensor "B" Circ. (Bank 1) High Input
P038000	Glow Plug/Heater Circuit "A"
P038100	Glow Plug/Heater Indicator Circuit
P038300	Glow Plug Control Module Control Circuit Low
P038400	Glow Plug Control Module Control Circuit High
P039000	Camshaft Position Sensor "B" Circuit (Bank 2)
P039100	Camshaft Pos.Sensor "B" Circ. (Bank 2) Range/Performance
P039200	Camshaft Pos.Sensor "B" Circ. (Bank 2) Low Input
P039300	Camshaft Pos.Sensor "B" Circ. (Bank 2) High Input
P039B00	Cylinder 1 Pressure Too High
P03A500	Cylinder 2 Pressure Too High
P03AF00	Cylinder 3 Pressure Too High
P03B900	Cylinder 4 Pressure Too High
P03C300	Cylinder 5 Pressure Too High
P03CD00	Cylinder 6 Pressure Too High
P040000	Exhaust Gas Recirc."A" Flow

P-Code	P-Code Text
P040100	Exhaust Gas Recirc.Flow Insufficient Detected
P040200	Exhaust Gas Recirc.Flow Excessive Detected
P040300	Exhaust Gas Recirculation Circuit
P040400	Exhaust Gas Recirculation Circuit Range/Performance
P040500	Exhaust Gas Recirculat.Sensor A Circuit Low
P040600	Exhaust Gas Recirculat.Sensor A Circuit High
P040700	Exhaust Gas Recirculat.Sensor B Circuit Low
P040800	Exhaust Gas Recirculat.Sensor B Circuit High
P040800	Exhaust Gas Recirculation Temperature Sensor "A" Circuit Range/Performance
P040C00	Exhaust Gas Recirculation Temperature Sensor "A" Circuit Low
P040D00	Exhaust Gas Recirculation Temperature Sensor "A" Circuit High
P041000	Sec.Air Inj.Sys. Malfunction
P041100	Sec.Air Inj.Sys. Incorrect Flow Detected
P041200	Sec.Air Inj.Sys.Switching Valve A Circ. Malfunction
P041300	Sec.Air Inj.Sys.Switching Valve A Circ. Open
P041400	Sec.Air Inj.Sys.Switching Valve A Circ. Shorted
P041500	Sec.Air Inj.Sys.Switching Valve B Circ. Malfunction
P041600	Sec.Air Inj.Sys.Switching Valve B Circ. Open
P041700	Sec.Air Inj.Sys.Switching Valve B Circ. Shorted
P041800	Sec. Air Injection System Relay A Circuit
P041900	Sec. Air Injection System Relay B Circuit
P042000	Catalyst System,Bank1 Efficiency Below Threshold
P042100	Warm Up Catalyst, Bank1 Efficiency Below Threshold
P042200	Main Catalyst,Bank1 Efficiency Below Threshold
P042500	Catalyst Temperature Sensor Circuit
P042600	Catalyst Temperature Sensor Circuit Range/Performance
P042700	Catalyst Temperature Sensor Bank1 Low Input
P042800	Catalyst Temperature Sensor Bank1 High Input
P043000	Catalyst System, Bank2 Efficiency Below Threshold
P043100	Warm Up Catalyst, Bank2 Efficiency Below Threshold
P043200	Main Catalyst,Bank2 Efficiency Below Threshold
P043600	Catalyst Temperature Sensor Bank2 Range/performance
P043700	Catalyst Temperature Sensor Bank2 Low Input
P043800	Catalyst Temperature Sensor Bank2 High Input
P043E00	Evaporative Emission System Leak Detection Reference Orifice Low Flow
P043F00	Evaporative Emission System Leak Detection Reference Orifice High Flow
P044000	EVAP Emission Contr.Sys. Malfunction
P044100	EVAP Emission Contr.Sys.Incorrect Purge Flow
P044200	EVAP Emission Contr.Sys.(Small Leak) Leak Detected
P044300	Evaporativ Emiss.System Purge Control Valve Circ.
P044400	Evaporativ Emiss.System Purge Control Valve Circ. Open
P044500	Evaporativ Emiss.System Purge Control Valve Circ. Shorted
P044700	Evaporative Emission System Vent Control Circuit Open
P044800	Evaporative Emission System Vent Control Circuit Shorted
P044900	Evaporativ Emiss.System Vent Valve/Solenoid Circ.
P045000	Evaporative Emission System Pressure Sensor/Switch
P045100	Evaporative Emission System Pressure Sensor/Switch Range/Performance
P045200	EVAP Emission Contr.Sys.Press.Sensor Low Input
P045300	EVAP Emission Contr.Sys.Press.Sensor High Input
P045500	EVAP Emission Contr.Sys.(Gross Leak) Leak Detected
P045600	EVAP Emission Contr. Sys. (very small Leak) Leak Detected
P045700	Evaporative Emission System Leak Detected (fuel cap loose/off)
P045800	Evaporative Emission System Purge Control Valve Circuit Low
P045900	Evaporative Emission System Purge Control Valve Circuit High
P045A00	Exhaust Gas Recirculation "B" Control Circuit
P045B00	Exhaust Gas Recirculation "B" Control Circuit Range/Performance
P045C00	Exhaust Gas Recirculation "B" Control Circuit Low
P045D00	Exhaust Gas Recirculation "B" Control Circuit High
P045E00	Exhaust Gas Recirculation "B" Control Stuck Open
P045F00	Exhaust Gas Recirculation "B" Control Stuck Closed

P-Code	P-Code Text
P046100	Fuel Level Sensor Circ. Range/Performance
P046200	Fuel Lever Sensor Circuit Low Input
P046300	Fuel Lever Sensor Circuit High Input
P046C00	Exhaust Gas Recirculation Sensor "A" Circuit Range/Performance
P046E00	Exhaust Gas Recirculation Sensor "B" Circuit Range/Performance
P047000	Exhaust Pressure Sensor "A"
P047100	Exhaust Pressure Sensor "A" Range/Performance
P047200	Exhaust Pressure Sensor "A" Low
P047300	Exhaust Pressure Sensor "A" High
P047500	Exhaust Pressure Control Valve "A"
P047600	Exhaust Pressure Control Valve "A" Range/Performance
P047700	Exhaust Pressure Control Valve "A" Low
P047800	Exhaust Pressure Control Valve "A" High
P047A00	Exhaust Pressure Sensor "B"
P047B00	Exhaust Pressure Sensor "B" Range/Performance
P047C00	Exhaust Pressure Sensor "B" Low
P047D00	Exhaust Pressure Sensor "B" High
P047F00	Exhaust Pressure Control Valve "A" Stuck Open
P048000	Cooling Fan 1 Control Circuit
P048100	Cooling Fan 2 Control Circuit
P048600	Exhaust Gas Recirculation Sensor "B" Circuit
P048900	Exhaust Gas Recirculation Control Circuit Low
P048A00	Exhaust Pressure Control Valve "A" Stuck Closed
P048B00	Exhaust Pressure Control Valve Position Sensor/Switch Circuit
P048C00	Exhaust Pressure Control Valve Pos. Sensor/Switch Circuit Range/Performance
P048E00	Exhaust Pressure Control Valve Pos. Sensor/Switch Circuit High
P049000	Exhaust Gas Recirculation Control Circuit High
P049100	Secondary Air Injection System (Bank 1) insufficient flow
P049200	Secondary Air Injection System (Bank 2)
P049800	Evaporative Emission System Vent Valve Control Circuit Low
P049900	Evaporative Emission System Vent Valve Control Circuit High
P049A00	Exhaust Gas Recirc."B" Flow
P049B00	Exhaust Gas Recirculation "B" Flow Insufficient Detected
P049D00	Exhaust Gas Recirculation "A" Control Position Exceeded Learning Limit
P049E00	Exhaust Gas Recirculation "B" Control Position Exceeded Learning Limit
P049F00	Exhaust Pressure Control Valve "B"
P04A100	Exhaust Pressure Control Valve "B" Low
P04A200	Exhaust Pressure Control Valve "B" High
P04A400	Exhaust Pressure Control Valve "B" Stuck Open
P04A500	Exhaust Pressure Control Valve "B" Stuck Closed
P04AB00	Evaporative Emission System Purge Control Valve "B" Circuit/Open
P04AC00	Evaporative Emission System Purge Control Valve "B" Circuit Low
P04AD00	Evaporative Emission System Purge Control Valve "B" Circuit High
P04DB00	Crankcase Ventilation System Disconnected
P04DD00	Cold Start EGR "A" Flow Insufficient Detected
P04DE00	Cold Start EGR "A" Flow Excessive Detected
P050100	Vehicle Speed Sensor "A" Range/Performance
P050200	Vehicle Speed Sensor "A" Circuit Low Input
P050300	Vehicle Speed Sensor "A" Intermittend/Erratic/High
P050500	Idle Control System
P050600	Idle Control System RPM Lower than Expected
P050700	Idle Control System RPM Higher than Expected
P050A00	Cold Start Idle Air Control System Performance
P050B00	Cold Start Ignition Timing Performance
P050E00	Cold Start Engine Exhaust Temperature Too Low
P051000	Closed Throttle Pos.Switch Malfunction
P051300	Incorrect Immobilizer Key
P051400	Battery Temperature Sensor Circuit Range/Performance
P051500	Battery Temperature Sensor Circuit
P052100	Engine Oil Pressure Sensor/Switch "A" Range/Performance

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P-Code	P-Code Text
P052200	Engine Oil Pressure Sensor/Switch "A" Low
P052300	Engine Oil Pressure Sensor/Switch "A" High
P052A00	Cold Start "A" Camshaft Position Timing Over-Advanced
P052C00	Cold Start "A" Camshaft Position Timing Over-Advanced
P052F00	Glow Plug Control Module System Voltage
P053000	A/C Refrigerant Pressure Sensor "A" Circuit
P053100	A/C Refrigerant Pressure Sensor Circuit Range/Performance
P053200	A/C Refrigerant Pressure Sensor Circuit low Input
P053300	A/C Refrigerant Pressure Sensor Circuit high Input
P053700	A/C Evaporator Temperature Sensor Circuit Low
P053800	A/C Evaporator Temperature Sensor Circuit High
P053A00	Positive Crankcase Ventilation Heater Control Circuit /Open
P053B00	Positive Crankcase Ventilation Heater Control Circuit Low
P053C00	Positive Crankcase Ventilation Heater Control Circuit High
P053F00	Cold Start Fuel Pressure Performance
P054100	Intake Air Heater "A" Circuit Low
P054200	Intake Air Heater "A" Circuit High
P054300	Intake Air Heater "A" Circuit Open
P054400	Exhaust Gas Temperatur Sensor Circuit - Bank 1
P054500	Exhaust Gas Temperatur Sensor Circuit - Bank 1 Low
P054600	Exhaust Gas Temperatur Sensor Circuit - Bank 1 High
P054700	Exhaust Gas Temperatur Sensor Circuit - Bank 2
P054800	Exhaust Gas Temperatur Sensor Circuit - Bank 2 Low
P054900	Exhaust Gas Temperatur Sensor Circuit - Bank 2 High
P054A00	Cold Start "B" Camshaft Position Timing Over-Advanced
P054C00	Cold Start "B" Camshaft Position Timing Over-Advanced
P055000	Power Steering Pressure Circuit
P055100	Power Steering Pressure Sensor Circuit Range/Performance
P055500	Brake Booster Pressure Sensor Circuit
P055600	Brake Booster Pressure Sensor Circuit Range/Performance
P055700	Brake Booster Pressure Sensor Circuit Low
P055800	Brake Booster Pressure Sensor Circuit High
P056000	System Voltage Malfunction
P056100	System Voltage Unstable
P056200	System Voltage Low Voltage
P056300	System Voltage High Voltage
P056800	Cruise Control Set Signal
P056E00	Cold Start Turbocharger/Supercharger Boost Control "A" Performance
P056F00	Cold Start Turbocharger/Supercharger Boost Control "B" Performance
P057100	Cruise/Brake Switch (A) Circ. Malfunction
P057200	Brake Switch "A" Circuit Low
P057300	Brake Switch "A" Circuit High
P057B00	Brake Pedal Position Sensor Circuit Range/Performance
P059700	Thermostat Heater Control Circuit Open
P059800	Thermostat Heater Control Circuit Low
P059900	Thermostat Heater Control Circuit High
P060000	Serial Link Communication
P060100	Internal Contr.Module Memory Check Sum Error
P060200	Control Modul Programming Error
P060300	Internal Contr.Module (KAM) Error
P060400	Internal Contr.Module Random Access Memory (RAM) Error
P060500	Internal Contr.Module ROM Test Error
P060600	ECM/PCM Processor
P060700	Control Module Performance
P060800	Control Module VSS Output "A"
P060900	Control Module VSS Output "B"
P060A00	Internal Control Module Monitoring Processor Performance
P060B00	Internal Control Module A/D Processing Performance
P060C00	Internal Control Module Main Processor Performance
P060F00	Internal Control Module Coolant Temperature Performance

P-Code	P-Code Text
P061000	Control Module Vehicle Options Error
P061100	Fuel Injector Control Module Performance
P061300	TCM Processor
P061400	ECM/TCM Incompatible
P061500	Starter Relay Circuit
P061600	Starter Relay Circuit Low
P061700	Starter Relay Circuit High
P062700	Fuel Pump "A" Control Circuit/Open
P062800	Fuel Pump "A" Control Circuit Low
P062900	Fuel Pump "A" Control Circuit High
P062B00	Internal Control Module Fuel Injector Control Performance
P062F00	Internal Control Module EEPROM Error
P063000	VIN Not Programmed or Incompatible - ECM/PCM
P063400	PCM/ECM/TCM Internal Temperature Too High
P063800	Throttle Actuator Control (Bank1) Range/Performance
P063900	Throttle Actuator Control (Bank2) Range/Performance
P064100	Sensor Reference Voltage "A" Circuit Open
P064200	Sensor Reference Voltage "A" Circuit Low
P064300	Sensor Reference Voltage "A" Circuit High
P064500	AC clutch relais circuit
P064C00	Glow Plug Control Module
P064F00	Unauthorized Software/Calibration Detected
P065000	Malfunction Indicator Lamp Control Circ.
P065100	Sensor Reference Voltage "B" Circuit Open
P065200	Sensor Reference Voltage "B" Circuit Low
P065300	Sensor Reference Voltage "B" Circuit High
P065400	Engine RPM Output Circuit
P065600	Fuel Level Output Circuit
P065700	Actuator Supply Voltage "A" Circuit/Open
P065800	Actuator Supply Voltage "A" Circuit Low
P065900	Actuator Supply Voltage "A" Circuit High
P066000	Intake Manifold Tuning Control Circuit - Bank1
P066100	Intake Manifold Tuning Control Circuit - Bank1 Low
P066200	Intake Manifold Tuning Control Circuit - Bank1 High
P066600	PCM/ECM/TCM Internal Temperature Sensor "A" Circuit
P066700	PCM/ECM/TCM Internal Temperature Sensor "A" Range/Performance
P066800	PCM/ECM/TCM Internal Temperature Sensor "A" Circuit Low
P066900	PCM/ECM/TCM Internal Temperature Sensor "A" Circuit High
P066A00	Cylinder 1 Glow Plug Control Circuit Low
P066B00	Cylinder 1 Glow Plug Control Circuit High
P066C00	Cylinder 2 Glow Plug Control Circuit Low
P066D00	Cylinder 2 Glow Plug Control Circuit High
P066E00	Cylinder 3 Glow Plug Control Circuit Low
P066F00	Cylinder 3 Glow Plug Control Circuit High
P067000	Glow Plug Module Control Circuit
P067100	Cylinder 1 Glow Plug Circuit
P067200	Cylinder 2 Glow Plug Circuit
P067300	Cylinder 3 Glow Plug Circuit
P067400	Cylinder 4 Glow Plug Circuit
P067500	Cylinder 5 Glow Plug Circuit
P067600	Cylinder 6 Glow Plug Circuit
P067700	Cylinder 7 Glow Plug Circuit
P067800	Cylinder 8 Glow Plug Circuit
P067900	Cylinder 9 Glow Plug Circuit
P067A00	Cylinder 4 Glow Plug Control Circuit Low
P067B00	Cylinder 4 Glow Plug Control Circuit High
P067C00	Cylinder 5 Glow Plug Control Circuit Low
P067D00	Cylinder 5 Glow Plug Control Circuit High
P067E00	Cylinder 6 Glow Plug Control Circuit Low
P067F00	Cylinder 6 Glow Plug Control Circuit High

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P-Code	P-Code Text
P068000	Cylinder 10 Glow Plug Circuit
P068100	Cylinder 11 Glow Plug Circuit
P068200	Cylinder 12 Glow Plug Circuit
P068300	Glow Plug Control Module 1 to PCM Communication Circuit
P068400	Glow Plug Control Module to PCM Comm.Circuit Range/Performance
P068500	EMC/PCM Power Relay Control Circuit Open
P068600	EMC/PCM Power Relay Control Circuit Low
P068700	EMC/PCM Power Relay Control Circuit High
P068800	EMC/PCM Power Relay Sense Circuit Open
P068A00	ECM/PCM Power Relay De-Energized Performance - Too Early
P068B00	ECM/PCM Power Relay De-Energized Performance - Too Late
P068C00	Cylinder 7 Glow Plug Control Circuit Low
P068D00	Cylinder 7 Glow Plug Control Circuit High
P068E00	Cylinder 8 Glow Plug Control Circuit Low
P068F00	Cylinder 8 Glow Plug Control Circuit High
P069100	Cooling Fan 1 Control Circuit Low
P069200	Cooling Fan 1 Control Circuit High
P069300	Cooling Fan 2 Control Circuit Low
P069400	Cooling Fan 2 Control Circuit High
P069700	Sensor Reference Voltage "C" Circuit Open
P069800	Sensor Reference Voltage "C" Circuit Low
P069900	Sensor Reference Voltage "C" Circuit High
P069A00	Cylinder 9 Glow Plug Control Circuit Low
P069C00	Cylinder 10 Glow Plug Control Circuit Low
P06A300	Sensor Reference Voltage "D" Circuit/Open
P06AA00	PCM/ECM/TCM Internal Temperature "B" Too High
P06AC00	PCM/ECM/TCM Internal Temperature Sensor "B" Range/Performance
P06AD00	PCM/ECM/TCM Internal Temperature Sensor "B" Circuit Low
P06AE00	PCM/ECM/TCM Internal Temperature Sensor "B" Circuit High
P06B000	Sensor Power Supply "A" Circuit/Open
P06B100	Sensor Power Supply "A" Circuit Low
P06B200	Sensor Power Supply "A" Circuit High
P06B300	Sensor Power Supply "B" Circuit/Open
P06B400	Sensor Power Supply "B" Circuit Low
P06B500	Sensor Power Supply "B" Circuit High
P06B900	Cylinder 1 Glow Plug Circuit Range/Performance
P06BA00	Cylinder 2 Glow Plug Circuit Range/Performance
P06BB00	Cylinder 3 Glow Plug Circuit Range/Performance
P06BC00	Cylinder 4 Glow Plug Circuit Range/Performance
P06BD00	Cylinder 5 Glow Plug Circuit Range/Performance
P06BE00	Cylinder 6 Glow Plug Circuit Range/Performance
P06BF00	Cylinder 7 Glow Plug Circuit Range/Performance
P06C000	Cylinder 8 Glow Plug Circuit Range/Performance
P06C100	Cylinder 9 Glow Plug Circuit Range/Performance
P06C200	Cylinder 10 Glow Plug Circuit Range/Performance
P06C300	Cylinder 11 Glow Plug Circuit Range/Performance
P06C400	Cylinder 12 Glow Plug Circuit Range/Performance
P06C500	Cylinder 1 Glow Plug Incorrect
P06C600	Cylinder 2 Glow Plug Incorrect
P06C700	Cylinder 3 Glow Plug Incorrect
P06C800	Cylinder 4 Glow Plug Incorrect
P06C900	Cylinder 5 Glow Plug Incorrect
P06CA00	Cylinder 6 Glow Plug Incorrect
P06CB00	Cylinder 7 Glow Plug Incorrect
P06CC00	Cylinder 8 Glow Plug Incorrect
P06CD00	Cylinder 9 Glow Plug Incorrect
P06CE00	Cylinder 10 Glow Plug Incorrect
P06CF00	Cylinder 11 Glow Plug Incorrect
P06D000	Cylinder 12 Glow Plug Incorrect
P06D100	Internal Control Module Ignition Coil Control Performance

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P-Code	P-Code Text
P06D200	Sensor Reference Voltage "E" Circuit/Open
P06E000	Cylinder 11 Glow Plug Control Circuit Low
P06E200	Cylinder 12 Glow Plug Control Circuit Low
P06E500	Glow Plug Control Module 1 Performance
P06F500	Glow Plug Control Module 2
P06F900	Glow Plug Control Module 2 System Voltage
P06FA00	Glow Plug Control Module 2 Performance
P06FC00	Glow Plug Control Module 2 to PCM Communication Circuit
P06FD00	Glow Plug Control Module 2 to PCM Communication Circuit Range/Performance
P06FE00	Cold Start Diesel Intake Air Flow Control Performance
P070000	Transm.Contr.System Malfunction
P070100	Transm.Contr.System Range/Performance
P070200	Transm.Contr.System Electrical
P070300	Torque Converter/Brake Switch B Circ. Malfunction
P070400	Clutch Switch Input Circuit
P070500	Transmission Range Sensor "A" Circuit (PRNDL Input)
P070600	Transmission Range Sensor "A" Circuit Range/Performance
P070700	Transmission Range Sensor "A" Circuit Low
P070800	Transmission Range Sensor "A" Circuit High
P070900	Transmission Range Sensor "A" Circuit Intermittent
P070B00	Transmission Fluid Level Sensor Circuit Range/Performance
P070D00	Transmission Fluid Level Sensor Circuit High
P070E00	Transmission Fluid Level Sensor Circuit intermittent/Erratic
P071000	Transmission Fluid Temperature Sensor "A" Circuit
P071100	Transmission Fluid Temperature Sensor "A" Circuit Range/Performance
P071200	Transmission Fluid Temperature Sensor "A" Circuit Low
P071300	Transmission Fluid Temperature Sensor "A" Circuit High
P071400	Transmission Fluid Temperature Sensor "A" Circuit Intermittent
P071500	Input Turbine/Speed Sensor "A" Circ.
P071600	Input Turbine/Speed Sensor "A" Circ. Range/Performance
P071700	Input Turbine/Speed Sensor "A" Circ. No Signal
P071800	Input/Turbine Speed Sensor "A" Circuit Intermittent
P072000	Output Speed Sensor Circ. Malfunction
P072100	Output Speed Sensor Circ. Range/Performance
P072200	Output Speed Sensor Circ. No Signal
P072300	Output Speed Sensor Circuit Intermittent
P072500	Engine Speed Input Circuit
P072600	Engine Speed Inp.Circ. Range/Performance
P072700	Engine Speed Inp.Circ. No Signal
P072800	Engine Speed Input Circuit Intermittent
P072900	Gear 6 Incorrect Ratio
P072A00	Stuck in Neutral
P072B00	Stuck in Reverse
P072C00	Stuck in Gear 1
P072D00	Stuck in Gear 2
P072E00	Stuck in Gear 3
P072F00	Stuck in Gear 4
P073000	Gear Incorrect Ratio
P073100	Gear 1 Incorrect Ratio
P073200	Gear 2 Incorrect Ratio
P073300	Gear 3 Incorrect Ratio
P073400	Gear 4 Incorrect Ratio
P073500	Gear 5 Incorrect Ratio
P073600	Reverse Incorrect Ratio
P073A00	Stuck in Gear 5
P073B00	Stuck in Gear 6
P073C00	Stuck in Gear 7
P073D00	Unable to Engage Neutral
P073E00	Unable to Engage Reverse
P073F00	Unable to Engage Gear 1

P-Code	P-Code Text
P074000	Torque Converter Clutch Circ. Malfunction
P074100	Torque Converter Clutch Circ. Performance or Stuck Off
P074200	Torque Converter Clutch Circuit Stuck On
P074300	Torque Converter Clutch Circ. Electrical
P074600	Pressure Contr.Solenoid A Performance or Stuck Off
P074700	Pressure Contr.Solenoid A Stuck On
P074800	Pressure Contr.Solenoid A Electrical
P074900	Pressure Contr.Solenoid A Intermittent
P074A00	Unable to Engage Gear 2
P074B00	Unable to Engage Gear 3
P074C00	Unable to Engage Gear 4
P074D00	Unable to Engage Gear 5
P074E00	Unable to Engage Gear 6
P074F00	Unable to Engage Gear 7
P075000	Shift Solenoid A Malfunction
P075100	Shift Solenoid A Performance or Stuck Off
P075200	Shift Solenoid A Stuck On
P075300	Shift Solenoid A Electrical
P075400	Shift Solenoid "A" Intermittent
P075500	Shift Solenoid B Malfunction
P075600	Shift Solenoid B Performance or Stuck Off
P075700	Shift Solenoid B Stuck On
P075800	Shift Solenoid B Electrical
P076100	Shift Solenoid C Performance or Stuck Off
P076200	Shift Solenoid C Stuck On
P076300	Shift Solenoid C Electrical
P076400	Shift Solenoid "C" Intermittent
P076600	Shift Solenoid D Performance or Stuck Off
P076800	Shift Solenoid D Electrical
P076F00	Gear 7 Incorrect Ratio
P077100	Shift Solenoid E Performance or Stuck Off
P077200	Shift Solenoid "E" Stuck On
P077300	Shift Solenoid E Electrical
P077600	Pressure Contr.Solenoid B Performance or Stuck Off
P077700	Pressure Contr.Solenoid B Stuck On
P077800	Pressure Contr.Solenoid B Electrical
P077900	Pressure Contr.Solenoid B Intermittent
P077B00	Output Speed Sensor Circuit - Direction Error
P077C00	Output Speed Sensor Circuit Low
P078000	Shift
P078100	1-2 Shift
P078200	2-3 Shift
P078300	3-4 Shift
P078400	4-5 Shift
P078500	Shift/Timing Solenoid
P079000	Normal/Performance Switch Circ. Malfunction
P079100	Intermediate Shaft Speed Sensor "A" Circuit
P079500	Pressure Control Solenoid "C"
P079600	Pressure Contr.Solenoid C Performance or Stuck Off
P079700	Pressure Contr.Solenoid C Stuck On
P079800	Pressure Contr.Solenoid C Electrical
P079900	Pressure Contr.Solenoid C Intermittent
P079F00	Transmission Friction Element "F" Slip Detected
P07A500	Transmission Friction Element "B" Stuck On
P07AC00	Transmission Friction Element "F" Performance/Stuck Off
P07B200	Transmission Park Position Sensor/Switch "A" Circuit/Open
P07B600	Transmission Park Position Sensor/Switch "A" Circuit Performance High
P07BE00	Transmission Park Position Sensor/Switch "A"/"B" Correlation
P07BF00	Input/Turbine Speed Sensor "A" Circuit Low
P080500	Clutch Position Sensor Circuit

P-Code	P-Code Text
P080600	Clutch Position Sensor "A" Circuit Range/Performance
P080700	Clutch Position Sensor Circuit Low
P080800	Clutch Position Sensor Circuit High
P080900	Clutch Position Sensor "A" Circuit Intermittent
P081000	Clutch Position Control Error
P081100	Excessive Clutch Slippage
P081200	Reverse Input Circuit
P081500	Upshift Switch Circuit
P081600	Downshift Switch Circuit
P081700	Starter Disable Circuit
P081A00	Starter Disable Circuit Low
P081B00	Starter Disable Circuit High
P081E00	Excessive Clutch "B" Slippage
P082000	Gear Lever X-Y Position Sensor Circuit
P082600	Up and Down Shift Switch Circuit
P082900	5-6 Shift
P084000	Transmission Fluid Pressure Sensor/Switch A
P084100	Transmission Fluid Pressure Sensor/Switch A Range/Performance
P084200	Transmission Fluid Pressure Sensor/Switch "A" Circuit Low
P084300	Transmission Fluid Pressure Sensor/Switch "A" Circuit High
P084400	Transmission Fluid Pressure Sensor/Switch "A" Intermittent
P084500	Transmission Fluid Pressure Sensor/Switch B
P084600	Transmission Fluid Pressure Sensor/Switch B Range/Performance
P084700	Transmission Fluid Pressure Sensor/Switch "B" Circuit Low
P084800	Transmission Fluid Pressure Sensor/Switch "B" Circuit High
P084900	Transmission Fluid Pressure Sensor/Switch "B" Intermittent
P085000	Park/Neutral Switch Input Circuit
P085100	Park/Neutral Switch Input Circuit Low
P085200	Park/Neutral Switch Input Circuit High
P086300	TCM Communication Circuit
P086400	TCM Communication Circuit Range/Performance
P086500	TCM Communication Circuit Low
P086700	Transmission Fluid Pressure
P086800	Transmission Fluid Pressure Low
P087000	Transmission Fluid Pressure Sensor/Switch "C" Circuit
P087200	Transmission Fluid Pressure Sensor/Switch "C" Circuit Low
P087300	Transmission Fluid Pressure Sensor/Switch "C" Circuit High
P087400	Transmission Fluid Pressure Sensor/Switch "C" Circuit Intermittent
P088400	TCM Power Input Signal Intermittent
P088600	TCM Power Relay Control Circuit Low
P088700	TCM Power Relay Control Circuit High
P088900	TCM Power Relay Sense Circuit Range/Performance
P089000	TCM Power Relay Sense Circuit Low
P089100	TCM Power Relay Sense Circuit High
P089200	TCM Power Relay Sense Circuit Intermittent
P089700	Transmission Fluid Deteriorated
P090400	Gate Select Position Circuit
P090500	Gate Select Position Circuit Range/Performance
P090600	Gate Select Position Low
P090700	Gate Select Position Circuit High
P091400	Gear Shift Position Circuit
P091500	Gear Shift Position Circuit Range/Performance
P091600	Gear Shift Position Circuit Low
P091700	Gear Shift Position Circuit High
P091900	Gear Shift Position Control Error
P092800	Gear Shift Lock Solenoid Control Circuit/Open
P092900	Gear Shift Lock Solenoid Control Circuit Range/Performance
P093000	Gear Shift Lock Solenoid Control Circuit Low
P093100	Gear Shift Lock Solenoid Control Circuit High
P094400	Hydraulic Pressure Unit Loss of Pressure

P-Code	P-Code Text
P094500	Hydraulic Pump Relay Circuit/Open
P094700	Hydraulic Pump Relay Circuit Low
P094800	Hydraulic Pump Relay Circuit High
P096100	Pressure Control Solenoid "A" Control Circuit Range/Performance
P096200	Pressure Control Solenoid "A" Control Circuit Low
P096300	Pressure Control Solenoid "A" Control Circuit High
P096500	Pressure Control Solenoid "B" Control Circuit Range/Performance
P096900	Pressure Control Solenoid "C" Control Circuit Range/Performance
P097000	Pressure Control Solenoid "C" Control Circuit Low
P097300	Shift Solenoid "A" Control Circuit Low
P097400	Shift Solenoid "A" Control Circuit High
P097600	Shift Solenoid "B" Control Circuit Low
P097700	Shift Solenoid "B" Control Circuit High
P098300	Shift Solenoid "D" Control Circuit High
POA0800	DC/DC Converter Status Circuit
POA0900	DC/DC Converter Status Circuit Low
POA0A00	High Voltage System Inter-Lock Circuit
POA0C00	High Voltage System Interlock Circuit Low
POA0D00	High Voltage System Interlock Circuit High
POA1100	DC/DC Converter Enable Circuit/Open
POA1200	DC/DC Converter Enable Circuit Low
POA1300	DC/DC Converter Enable Circuit High
POA1B00	Drive Motor "A" Control Module
POA1F00	Battery Energy Control Module
POA2300	Generator Torque Sensor Circuit Range/Performance
POA2A00	Drive Motor "A" Temperature Sensor Circuit
POA2B00	Drive Motor "A" Temperature Sensor Circuit Range/Performance
POA2C00	Drive Motor "A" Temperature Sensor Circuit Low
POA2D00	Drive Motor "A" Temperature Sensor Circuit High
POA2E00	Drive Motor "A" Temperature Sensor Circuit Intermittent
POA2F00	Drive Motor "A" Over Temperature
POA3C00	Drive Motor "A" Inverter Over Temperature
POA3E00	Generator Inverter Over Temperature
POA3F00	Drive Motor "A" Position Sensor Circuit
POA4000	Drive Motor "A" Position Sensor Circuit Range/Performance
POA4100	Drive Motor "A" Position Sensor Circuit Low
POA4200	Drive Motor "A" Position Sensor Circuit High
POA4300	Drive Motor "A" Position Sensor Circuit Intermittent
POA4400	Drive Motor "A" Position Sensor Circuit Overspeed
POA5200	Drive Motor "A" Current Sensor Circuit Range/Performance
POA5300	Drive Motor "A" Current Sensor Circuit Low
POA5400	Drive Motor "A" Current Sensor Circuit High
POA5D00	Drive Motor "A" Phase U Current
POA5E00	Drive Motor "A" Phase U Current Low
POA5F00	Drive Motor "A" Phase U Current High
POA6000	Drive Motor "A" Phase V Current
POA6100	Drive Motor "A" Phase V Current Low
POA6200	Drive Motor "A" Phase V Current High
POA6300	Drive Motor "A" Phase W Current
POA6400	Drive Motor "A" Phase W Current Low
POA6500	Drive Motor "A" Phase W Current High
POA7D00	Hybrid Battery Pack State of Charge Low
POA7E00	Hybrid Battery Pack Over Temperature
POA7F00	Hybrid Battery Pack Deterioration
POA8000	Replace Hybrid Battery Pack
POA8100	Hybrid Battery Pack Cooling Fan 1 Control Circuit/Open
POA8200	Hybrid Battery Pack Cooling Fan 1 Performance/Stuck Off
POA8300	Hybrid Battery Pack Cooling Fan 1 Stuck On
POA8700	14 Volt Power Module Current Sensor "A" Circuit Range/Performance
POA8900	14 Volt Power Module Current Sensor "A" Circuit High

P-Code	P-Code Text
POA8B00	14 Volt Power Module System Voltage
POA8C00	14 Volt Power Module System Voltage Unstable
POA8D00	14 Volt Power Module System Voltage Low
POA8E00	14 Volt Power Module System Voltage High
POA8F00	14 Volt Power Module System Performance
POA9000	Drive Motor "A" Performance
POA9300	Inverter "A" Cooling System Performance
POA9400	DC/DC Converter Performance
POA9500	High Voltage Fuse
POA9700	Hybrid Battery Pack Cooling Fan 2 Performance/Stuck Off
POA9800	Hybrid Battery Pack Cooling Fan 2 Stuck On
POA9C00	Hybrid Battery Temperature Sensor "A" Circuit Range/Performance
POA9D00	Hybrid Battery Temperature Sensor "A" Circuit Low
POA9E00	Hybrid Battery Temperature Sensor "A" Circuit High
POAA100	Hybrid Battery Positive Contactor Circuit Stuck Closed
POAA200	Hybrid Battery Positive Contactor Circuit Stuck Open
POAA400	Hybrid Battery Negative Contactor Circuit Stuck Closed
POAA500	Hybrid Battery Negative Contactor Circuit Stuck Open
POAA600	Hybrid Battery Voltage System Isolation Fault
POAA700	Hybrid Battery Voltage Isolation Sensor Circuit
POAAB00	Hybrid/EV Battery Voltage Isolation Sensor Circuit Intermittent/Erratic
POAAD00	Hybrid Battery Pack Air Temperature Sensor "A" Circuit Range/Performance
POAAE00	Hybrid Battery Pack Air Temperature Sensor "A" Circuit Low
POAAF00	Hybrid Battery Pack Air Temperature Sensor "A" Circuit High
POAB200	Hybrid Battery Pack Air Temperature Sensor "B" Circuit Range/Performance
POAB300	Hybrid Battery Pack Air Temperature Sensor "B" Circuit Low
POAB400	Hybrid Battery Pack Air Temperature Sensor "B" Circuit High
POAB900	Hybrid System Performance
POABA00	Hybrid Battery Pack Voltage Sense "A" Circuit
POABB00	Hybrid Battery Pack Voltage Sense "A" Circuit Range/Performance
POABC00	Hybrid Battery Pack Voltage Sense "A" Circuit Low
POABD00	Hybrid Battery Pack Voltage Sense "A" Circuit High
POABF00	Hybrid Battery Pack Current Sensor "A" Circuit
POAC000	Hybrid Battery Pack Current Sensor "A" Circuit Range/Performance
POAC100	Hybrid Battery Pack Current Sensor "A" Circuit Low
POAC200	Hybrid Battery Pack Current Sensor "A" Circuit High
POAC600	Hybrid Battery Temperature Sensor "B" Circuit Range/Performance
POAC700	Hybrid Battery Temperature Sensor "B" Circuit Low
POAC800	Hybrid Battery Temperature Sensor "B" Circuit High
POACB00	Hybrid Battery Temperature Sensor "C" Circuit Range/Performance
POACC00	Hybrid Battery Temperature Sensor "C" Circuit Low
POACD00	Hybrid Battery Temperature Sensor "C" Circuit High
POAD400	Hybrid Battery Pack Air Flow System Insufficient Air Flow
POAD500	Hybrid Battery Pack Air Flow Valve "A" Control Circuit/Open
POAD600	Hybrid Battery Pack Air Flow Valve "A" Control Circuit Range/Performance
POAD900	Hybrid Battery Positive Contactor Control Circuit/Open
POADC00	Hybrid Battery Positive Contactor Control Circuit High
POADD00	Hybrid Battery Negative Contactor Control Circuit/Open
POAE000	Hybrid Battery Negative Contactor Control Circuit High
POAE200	Hybrid/EV Battery Precharge Contactor Circuit Stuck Closed
POAE300	Hybrid Battery Precharge Contactor Circuit Stuck Open
POAE400	Hybrid Battery Precharge Contactor Control Circuit
POAE700	Hybrid Battery Precharge Contactor Control Circuit High
POAE900	Hybrid Battery Temperature Sensor "D" Circuit Range/Performance
POAEA00	Hybrid Battery Temperature Sensor "D" Circuit Low
POAEB00	Hybrid Battery Temperature Sensor "D" Circuit High
POAED00	Drive Motor Inverter Temperature Sensor "A" Circuit
POAEE00	Drive Motor Inverter Temperature Sensor "A" Circuit Range/Performance
POAEF00	Drive Motor Inverter Temperature Sensor "A" Circuit Low
POAF000	Drive Motor Inverter Temperature Sensor "A" Circuit High

P-Code	P-Code Text
POAF300	Drive Motor Inverter Temperature Sensor "B" Circuit Range/Performance
POAF400	Drive Motor Inverter Temperature Sensor "B" Circuit Low
POAF500	Drive Motor Inverter Temperature Sensor "B" Circuit High
POAF700	14 Volt Power Module Internal Temperature Too High
POAF800	Hybrid Battery System Voltage
POAFA00	Hybrid Battery System Voltage Low
POAFB00	Hybrid Battery System Voltage High
POAFC00	Hybrid Battery Pack Sensor Module
POAFD00	Hybrid Battery Pack Temperature Too Low
POB0900	Auxiliary Transmission Fluid Pump Motor Supply Voltage Circuit/Open
POB0A00	Auxiliary Transmission Fluid Pump Motor Supply Voltage Circuit Low
POB0B00	Auxiliary Transmission Fluid Pump Motor Supply Voltage Circuit High
POB0D00	Auxiliary Transmission Fluid Pump Motor Control Module
POB1500	Hybrid Battery Pack Voltage Sense "B" Circuit Range/Performance
POB1600	Hybrid Battery Pack Voltage Sense "B" Circuit Low
POB1700	Hybrid Battery Pack Voltage Sense "B" Circuit High
POB1A00	Hybrid Battery Pack Voltage Sense "C" Circuit Range/Performance
POB1B00	Hybrid Battery Pack Voltage Sense "C" Circuit Low
POB1C00	Hybrid Battery Pack Voltage Sense "C" Circuit High
POB1F00	Hybrid Battery Pack Voltage Sense "D" Circuit Range/Performance
POB2000	Hybrid Battery Pack Voltage Sense "D" Circuit Low
POB2100	Hybrid Battery Pack Voltage Sense "D" Circuit High
POB2400	Hybrid Battery "A" Voltage Unstable
POB2500	Hybrid Battery "A" Voltage Low
POB2600	Hybrid Battery "A" Voltage High
POB2900	Hybrid Battery "B" Voltage Low
POB2A00	Hybrid Battery "B" Voltage High
POB3300	High Voltage Service Disconnect Circuit
POB3700	High Voltage Service Disconnect Open
POB3B00	Hybrid Battery Voltage Sense "A" Circuit
POB3C00	Hybrid Battery Voltage Sense "A" Circuit Range/Performance
POB3D00	Hybrid Battery Voltage Sense "A" Circuit Low
POB3E00	Hybrid Battery Voltage Sense "A" Circuit High
POB3F00	Hybrid Battery Voltage Sense "A" Circuit Intermittent/Erratic
POB4000	Hybrid Battery Voltage Sense "B" Circuit
POB4100	Hybrid Battery Voltage Sense "B" Circuit Range/Performance
POB4200	Hybrid Battery Voltage Sense "B" Circuit Low
POB4300	Hybrid Battery Voltage Sense "B" Circuit High
POB4400	Hybrid Battery Voltage Sense "B" Circuit Intermittent/Erratic
POB4500	Hybrid Battery Voltage Sense "C" Circuit
POB4600	Hybrid Battery Voltage Sense "C" Circuit Range/Performance
POB4700	Hybrid Battery Voltage Sense "C" Circuit Low
POB4800	Hybrid Battery Voltage Sense "C" Circuit High
POB4900	Hybrid Battery Voltage Sense "C" Circuit Intermittent/Erratic
POB4A00	Hybrid Battery Voltage Sense "D" Circuit
POB4B00	Hybrid Battery Voltage Sense "D" Circuit Range/Performance
POB4C00	Hybrid Battery Voltage Sense "D" Circuit Low
POB4D00	Hybrid Battery Voltage Sense "D" Circuit High
POB4E00	Hybrid Battery Voltage Sense "D" Circuit Intermittent/Erratic
POB4F00	Hybrid Battery Voltage Sense "E" Circuit
POB5000	Hybrid Battery Voltage Sense "E" Circuit Range/Performance
POB5100	Hybrid Battery Voltage Sense "E" Circuit Low
POB5200	Hybrid Battery Voltage Sense "E" Circuit High
POB5300	Hybrid Battery Voltage Sense "E" Circuit Intermittent/Erratic
POB5400	Hybrid Battery Voltage Sense "F" Circuit
POB5500	Hybrid Battery Voltage Sense "F" Circuit Range/Performance
POB5600	Hybrid Battery Voltage Sense "F" Circuit Low
POB5700	Hybrid Battery Voltage Sense "F" Circuit High
POB5800	Hybrid Battery Voltage Sense "F" Circuit Intermittent/Erratic
POB5900	Hybrid Battery Voltage Sense "G" Circuit

P-Code	P-Code Text
POB5A00	Hybrid Battery Voltage Sense "G" Circuit Range/Performance
POB5B00	Hybrid Battery Voltage Sense "G" Circuit Low
POB5C00	Hybrid Battery Voltage Sense "G" Circuit High
POB5D00	Hybrid Battery Voltage Sense "G" Circuit Intermittent/Erratic
POB5E00	Hybrid Battery Voltage Sense "H" Circuit
POB5F00	Hybrid Battery Voltage Sense "H" Circuit Range/Performance
POB6000	Hybrid Battery Voltage Sense "H" Circuit Low
POB6100	Hybrid Battery Voltage Sense "H" Circuit High
POB6200	Hybrid Battery Voltage Sense "H" Circuit Intermittent/Erratic
POB6300	Hybrid Battery Voltage Sense "I" Circuit
POB6400	Hybrid Battery Voltage Sense "I" Circuit Range/Performance
POB6500	Hybrid Battery Voltage Sense "I" Circuit Low
POB6600	Hybrid Battery Voltage Sense "I" Circuit High
POB6700	Hybrid Battery Voltage Sense "I" Circuit Intermittent/Erratic
POB6800	Hybrid Battery Voltage Sense "J" Circuit
POB6900	Hybrid Battery Voltage Sense "J" Circuit Range/Performance
POB6A00	Hybrid Battery Voltage Sense "J" Circuit Low
POB6B00	Hybrid Battery Voltage Sense "J" Circuit High
POB6C00	Hybrid Battery Voltage Sense "J" Circuit Intermittent/Erratic
POB6D00	Hybrid Battery Voltage Sense "K" Circuit
POB6E00	Hybrid Battery Voltage Sense "K" Circuit Range/Performance
POB6F00	Hybrid Battery Voltage Sense "K" Circuit Low
POB7000	Hybrid Battery Voltage Sense "K" Circuit High
POB7100	Hybrid Battery Voltage Sense "K" Circuit Intermittent/Erratic
POB7200	Hybrid Battery Voltage Sense "L" Circuit
POB7300	Hybrid Battery Voltage Sense "L" Circuit Range/Performance
POB7400	Hybrid Battery Voltage Sense "L" Circuit Low
POB7500	Hybrid Battery Voltage Sense "L" Circuit High
POB7600	Hybrid Battery Voltage Sense "L" Circuit Intermittent/Erratic
POB7700	Hybrid Battery Voltage Sense "M" Circuit
POB7800	Hybrid Battery Voltage Sense "M" Circuit Range/Performance
POB7900	Hybrid Battery Voltage Sense "M" Circuit Low
POB7A00	Hybrid Battery Voltage Sense "M" Circuit High
POB7B00	Hybrid Battery Voltage Sense "M" Circuit Intermittent/Erratic
POB7C00	Hybrid Battery Voltage Sense "N" Circuit
POB7D00	Hybrid Battery Voltage Sense "N" Circuit Range/Performance
POB7E00	Hybrid Battery Voltage Sense "N" Circuit Low
POB7F00	Hybrid Battery Voltage Sense "N" Circuit High
POB8000	Hybrid Battery Voltage Sense "N" Circuit Intermittent/Erratic
POB8100	Hybrid Battery Voltage Sense "O" Circuit
POB8200	Hybrid Battery Voltage Sense "O" Circuit Range/Performance
POB8300	Hybrid Battery Voltage Sense "O" Circuit Low
POB8400	Hybrid Battery Voltage Sense "O" Circuit High
POB8500	Hybrid Battery Voltage Sense "O" Circuit Intermittent/Erratic
POB8600	Hybrid Battery Voltage Sense "P" Circuit
POB8700	Hybrid Battery Voltage Sense "P" Circuit Range/Performance
POB8800	Hybrid Battery Voltage Sense "P" Circuit Low
POB8900	Hybrid Battery Voltage Sense "P" Circuit High
POB8A00	Hybrid Battery Voltage Sense "P" Circuit Intermittent/Erratic
POB8B00	Hybrid Battery Voltage Sense "Q" Circuit
POB8C00	Hybrid Battery Voltage Sense "Q" Circuit Range/Performance
POB8D00	Hybrid Battery Voltage Sense "Q" Circuit Low
POB8E00	Hybrid Battery Voltage Sense "Q" Circuit High
POB8F00	Hybrid Battery Voltage Sense "Q" Circuit Intermittent/Erratic
POBB800	Hybrid Battery Voltage Sense "Z" Circuit
POBBD00	Hybrid Battery Pack Voltage Variation Exceeded Limit
POBC300	Hybrid Battery Temperature Sensor "E" Circuit Range/Performance
POBC400	Hybrid Battery Temperature Sensor "E" Circuit Low
POBC500	Hybrid Battery Temperature Sensor "E" Circuit High
POBC800	Hybrid Battery Pack Cooling Fan Sense Range/Performance

P-Code	P-Code Text
POBC900	Hybrid Battery Pack Cooling Fan Sense Circuit Low
POBCA00	Hybrid Battery Pack Cooling Fan Sense Circuit High
POBD100	Drive Motor Inverter Temperature Sensor "C" Circuit
POBE600	Drive Motor "A" Phase U Current Sensor Circuit Range/Performance
POBE700	Drive Motor "A" Phase U Current Sensor Circuit Low
POBE800	Drive Motor "A" Phase U Current Sensor Circuit High
POBEE00	Drive Motor "A" Phase W Current Sensor Circuit Range/Performance
POBEF00	Drive Motor "A" Phase W Current Sensor Circuit Low
POBF000	Drive Motor "A" Phase W Current Sensor Circuit High
POBFD00	Drive Motor "A" Phase U-V-W Current Sensor Correlation
POC0000	Drive Motor "A" Current Low
POC0100	Drive Motor "A" Current High
POC0500	Drive Motor "A" Phase U-V-W Circuit/Open
POC0700	Drive Motor "A" Phase U-V-W Circuit High
POC0B00	Drive Motor "A" Inverter Power Supply Circuit/Open
POC0C00	Drive Motor "A" Inverter Power Supply Circuit Low
POC1700	Drive Motor "A" Position Sensor Not Learned
POC1B00	Auxiliary Transmission Fluid Pump Control Module Internal Temperature Too High
POC1D00	Auxiliary Transmission Fluid Pump Control Module Internal Temperature Sensor Cir.Range/Performance
POC1E00	Auxiliary Transmission Fluid Pump Control Module Internal Temperature Sensor Circuit Low
POC1F00	Auxiliary Transmission Fluid Pump Control Module Internal Temperature Sensor Circuit High
POC2400	Auxiliary Transmission Fluid Pump Control Module Circuit Low
POC2600	Auxiliary Transmission Fluid Pump Motor Current
POC2900	Auxiliary Transmission Fluid Pump Driver Circuit Performance
POC2A00	Auxiliary Transmission Fluid Pump Motor Stalled
POC2B00	Auxiliary Transmission Fluid Pump Control Module Feedback Signal
POC2C00	Auxiliary Transmission Fluid Pump Control Module Feedback Signal Range/Performance
POC2D00	Auxiliary Transmission Fluid Pump Control Module Feedback Signal Low
POC2E00	Auxiliary Transmission Fluid Pump Control Module Feedback Signal High
POC2F00	Internal Control Module Drive Motor/Generator - Engine Speed Sensor Performance
POC3000	Hybrid Battery Pack State of Charge High
POC3200	Hybrid/EV Battery Cooling System Performance
POC3400	Hybrid Battery Temperature Sensor "F" Circuit Range/Performance
POC3500	Hybrid Battery Temperature Sensor "F" Circuit Low
POC3600	Hybrid Battery Temperature Sensor "F" Circuit High
POC3900	DC/DC Converter Temperature Sensor "A" Range/Performance
POC4E00	Drive Motor "A" Position Exceeded Learning Limit
POC5200	Drive Motor "A" Position Sensor Circuit "A" Low
POC5300	Drive Motor "A" Position Sensor Circuit "A" High
POC5C00	Drive Motor "A" Position Sensor Circuit "B" Low
POC5D00	Drive Motor "A" Position Sensor Circuit "B" High
POC7600	Hybrid/EV Battery System Discharge Time Too Long
POC7900	Drive Motor "A" Inverter Voltage Too High
POC7D00	Hybrid/EV Battery Temperature Sensor "G" Circuit Range/Performance
POC7E00	Hybrid/EV Battery Temperature Sensor "G" Circuit Low
POC7F00	Hybrid/EV Battery Temperature Sensor "G" Circuit High
POC8200	Hybrid/EV Battery Temperature Sensor "H" Circuit Range/Performance
POC8300	Hybrid/EV Battery Temperature Sensor "H" Circuit Low
POC8400	Hybrid/EV Battery Temperature Sensor "H" Circuit High
POCA200	DC/DC Converter Step Down Voltage Performance
POCA300	DC/DC Converter Step Up Voltage Performance
POCA600	Hybrid Battery Charging Current High
POCA700	Hybrid Battery Discharging Current High
POCDC00	Drive Motor "A" Position Sensor Circuit "C" Low
POCDD00	Drive Motor "A" Position Sensor Circuit "C" High
POCDF00	Hybrid/EV Battery Pack Coolant Control Valve "A" Control Circuit/Open
POCE200	Hybrid/EV Battery Pack Coolant Control Valve "A" Control Circuit Low
POCE300	Hybrid/EV Battery Pack Coolant Control Valve "A" Control Circuit High
POCE900	Hybrid/EV Electronics Coolant Pump Control Circuit/Open
POCEA00	Hybrid/EV Electronics Coolant Pump Performance

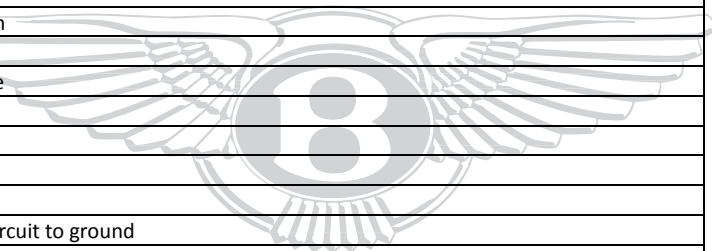
P-Code	P-Code Text
POCEB00	Hybrid/EV Electronics Coolant Pump Control Circuit Low
POCEC00	Hybrid/EV Electronics Coolant Pump Control Circuit High
POCED00	Hybrid/EV Electronics Coolant Pump Enable Circuit
POD1A00	Hybrid/EV Battery Pack Coolant Control Valve "B" Control Circuit/Open
POD1D00	Hybrid/EV Battery Pack Coolant Control Valve "B" Control Circuit Low
POD1E00	Hybrid/EV Battery Pack Coolant Control Valve "B" Control Circuit High
POD2E00	Drive Motor "A" Inverter Voltage Sensor Circuit Range/Performance
POD3100	Drive Motor "A" Inverter Voltage Sensor Circuit Intermittent/Erratic
POD3200	DC/DC Converter Over Temperature
POD3400	Hybrid/EV Battery System Current
POD6000	Hybrid/EV Battery Pack Cooling Fan 2 Sense Range/Performance
POD6100	Hybrid/EV Battery Pack Cooling Fan 2 Sense Circuit Low
POD6200	Hybrid/EV Battery Pack Cooling Fan 2 Sense Circuit High
POD6500	Hybrid/EV Battery Pack Cooling Fan Enable Circuit Low
POD6600	Hybrid/EV Battery Pack Cooling Fan Enable Circuit High
PODA800	Hybrid/EV Battery Voltage/Drive Motor "A" Inverter Voltage Correlation
P100000	Cylinder 9 Fuel Injector -N299 Electrical malfunction in circuit
P100100	Cylinder 10 Fuel Injector -N300 Electrical malfunction in circuit
P100200	Cylinder 11 Fuel Injector -N301 Electrical malfunction in circuit
P100300	Cylinder12 Fuel Injector -N302 Electrical malfunction in circuit
P100400	Torque difference cylinder 1 Limit value exceeded
P100500	Torque difference cylinder 2 Limit value exceeded
P100600	Torque difference cylinder 3 Limit value exceeded
P100700	Torque difference cylinder 4 Limit value exceeded
P100800	Air mass meter 1/2 Implausible signal
P100900	Air mass meter 1/2 implausible signal from load detection
P100A00	Recirculating valve for turbocharger bank 2 Electrical malfunction
P100B00	Recirculating valve for turbocharger bank 2 Short circuit to ground
P100C00	Recirculating valve for turbocharger bank 2 Short circuit to B+
P100D00	Turbocharger adjustment difficulty of movement or blocked
P100E00	Torque intervention due to turbocharger protection
P100F00	Fuel injector mechanical malfunction
P101000	Cylinder 9 Fuel Injector -N299 Open circuit
P101100	Cylinder 10 Fuel Injector -N300 Open circuit
P101200	Cylinder 11 Fuel Injector -N301 Open circuit
P101300	Cylinder12 Fuel Injector -N302 Open circuit
P101400	Bypass Flap Air Cleaner Valve -N275- Short circuit to B+
P101500	Bypass Flap Air Cleaner Valve -N275- Short circuit to ground
P101600	Bypass Flap Air Cleaner Valve -N275- Open circuit
P101700	Intake Manifold Runner Bank 2 Upper stop not reached
P101800	Intake Manifold Runner Bank 2 lower limit not reached
P101900	NOX Sensor -G295 Signal too slow
P101A00	Activation of turbocharger adjustment Short circuit to ground/open circuit
P101B00	Activation of turbocharger adjustment Short circuit to B+
P101C00	Activation of turbocharger adjustment bank 2 Short circuit to ground/open circuit
P101D00	Activation of turbocharger adjustment bank 2 Short circuit to B+
P101E00	RPM limit due to excess temperature
P101F00	Fuel high pressure Maximum exceeded
P102000	Fuel Pressure Regulation Value above upper control limit
P102100	Bank 1 camshaft retarding Target not reached
P102200	Bank 1 camshaft advance Target not reached
P102300	Fuel Pressure Regulator Valve Short circuit to ground
P102400	Fuel Pressure Regulator Valve Open circuit
P102500	Fuel Pressure Regulator Valve mechanical malfunction
P102600	Activation Intake manifold Runner Control (IMRC) Short circuit to B+
P102700	Activation Intake manifold Runner Control (IMRC) Short circuit to ground
P102800	Activation Intake manifold Runner Control (IMRC) Open circuit
P102900	Intake Manifold Runner Control (IMRC) Valve -N316- Upper stop not reached
P102A00	Torque limitation due to coolant temperature
P102B00	Torque limitation due to engine oil temperature

P-Code	P-Code Text
P102C00	Torque limitation due to fuel temperature
P102D00	Torque limitation due to intake air temperature
P102E00	Torque limitation due to exhaust temperature
P102F00	Torque limitation due to fuel pressure
P103000	Intake Manifold Runner Control (IMRC) Valve -N316- lower limit not reached
P103100	Intake Manifold Runner Control (IMRC) Valve -N316- Target value not reached
P103200	NOX Sensor Signal too high
P103300	NOX Sensor Signal too low
P103400	NOX Sensor Signal outside tolerance
P103500	NOX Sensor Implausible signal
P103600	Heater activation sensor for NOX Short circuit to B+
P103700	Heater activation sensor for NOX Short circuit to ground
P103800	Heater activation sensor for NOX Open circuit
P103900	Injector Group A Supply Voltage Short circuit
P103A00	Engine oil Fuel portion too high
P103B00	Fuel high-pressure system Pressure loss
P103C00	Engine temperature management actuator adaptation limit reached
P103D00	Engine temperature management actuator difficulty of movement or blocked
P103E00	Fuel Pressure Regulator 2 Performance High
P103F00	Fuel Pressure Regulator 2 Performance Low
P104000	Injector Group A Supply Voltage Electrical malfunction in circuit
P104100	Injector Group B Supply Voltage Short circuit
P104200	Injector Group B Supply Voltage Electrical malfunction in circuit
P104300	Injector Group C Supply Voltage Short circuit
P104400	Fuel Injector Group C supply voltage Electrical malfunction in circuit
P104500	Injector Group D Supply Voltage Short circuit
P104600	Injector Group D Supply Voltage Electrical malfunction in circuit
P104700	Bank1, camshaft adjustment valve (exhaust) -N318 Electrical malfunction in circuit
P104800	Bank1, camshaft adjustment valve (exhaust) -N318 Short circuit to B+
P104900	Bank1, camshaft adjustment valve (exhaust) -N318 Short circuit to ground
P104A00	Air cleaner bypass filter valve bank 2 Short circuit to B+
P104B00	Air cleaner bypass filter valve bank 2 Short circuit to ground
P104C00	Air cleaner bypass filter valve bank 2 Open circuit
P105000	Bank1, camshaft adjustment valve (exhaust) -N318 Open circuit
P105100	Bank2, camshaft adjustment valve (exhaust) -N319 Electrical malfunction in circuit
P105200	Bank2, camshaft adjustment valve (exhaust) -N319 Short circuit to B+
P105300	Bank2, camshaft adjustment valve (exhaust) -N319 Short circuit to ground
P105400	Bank2, camshaft adjustment valve (exhaust) -N319 Open circuit
P105500	Bank 1, camshaft adjustment, exhaust Short circuit to B+
P105600	Bank 1, camshaft adjustment, exhaust Short circuit to ground
P105700	Bank 1, camshaft adjustment, exhaust Open circuit
P105800	Bank2, camshaft adjustment, exhaust Short circuit to B+
P105900	Bank2, camshaft adjustment, exhaust Short circuit to ground
P106000	Bank2, camshaft adjustment, exhaust Open circuit
P106100	Bank 2, camshaft retarding Target not reached
P106200	Bank 2, camshaft advance Target not reached
P106300	Fuel Pressure Regulation Value below lower control limit
P106400	Fuel pressure system mechanical malfunction
P106500	Fuel Pressure Regulation Control difference
P106600	Intake Air Switch-over valve -N335- Short circuit to B+
P106700	Intake Air Switch-over valve -N335- Short circuit to ground
P106800	Intake Air Switch-over valve -N335- Open circuit
P106900	NOX Sensor -G295- heating control signal Short circuit to ground
P106A00	Bank 2 Intake manifold press./air mass <> throttle valve angle deviation
P106B00	Throttle valve difficulty of movement or blocked
P106C00	Throttle valve 2 difficulty of movement or blocked
P107000	NOX Sensor -G295- heating control signal Short circuit to B+
P107100	NOX Sensor -G295- heating control signal Implausible signal
P107200	NOX Sensor -G295- heating control signal Electrical malfunction in circuit
P107300	Mass Air Flow (MAF) Sensor 2 -G246 Signal too low

P-Code	P-Code Text
P107400	Mass Air Flow (MAF) Sensor 2 -G246 Signal too high
P107500	Oxygen sensor control, emissions bank 3 System too lean
P107600	Oxygen sensor control, emissions bank 3 System too rich
P107700	Oxygen sensor control, emissions bank 4 System too lean
P107800	Oxygen sensor control, emissions bank 4 System too rich
P107900	Oxygen sensor control, emissions bank 3 Implausible control value
P108000	Oxygen sensor control, emissions bank 4 Implausible control value
P108100	Exhaust bank3, mixture adaptation range 1 Lean limit not reached
P108200	Exhaust bank3, mixture adaptation range 2 Lean limit not reached
P108300	Exhaust bank3, mixture adaptation range 1 Rich limit exceeded
P108400	Exhaust bank3, mixture adaptation range 2 Rich limit exceeded
P108500	Exhaust bank4, mixture adaptation range 1 Lean limit not reached
P108600	Exhaust bank4, mixture adaptation range 2 Lean limit not reached
P108700	Exhaust bank4, mixture adaptation range 1 Rich limit exceeded
P108800	Exhaust bank4, mixture adaptation range 2 Rich limit exceeded
P108900	Bank2, mixture adaptation range 1 Lean limit not reached
P109000	Bank2, mixture adaptation range 2 Lean limit not reached
P109100	Bank2, mixture adaptation range 1 Rich limit exceeded
P109200	Bank2, mixture adaptation range 2 Rich limit exceeded
P109300	Bank1, fuel measuring system 2 Malfunction
P109400	Bank2, fuel measuring system 2 Malfunction
P109500	Intake Manifold Runner Position Sensor -G336 Short circuit to B+
P109600	Intake Manifold Runner Position Sensor -G336 Short circuit to ground
P109700	Intake Manifold Runner Position Sensor -G336 Open circuit
P109800	Intake Manifold Runner Position Sensor -G336 Open circuit/short circuit to B+
P109900	Activation Intake manifold Runner Control (IMRC) Electrical malfunction
P10A000	Actuation regulating flap for intake air Electrical malfunction
P10A100	Actuation regulating flap for intake air Short circuit to B+
P10A200	Actuation regulating flap for intake air Short circuit to ground
P10A300	Actuation regulating flap for intake air Open circuit
P10A400	Regulating flap for intake air Mechanical malfunction
P10A500	Potentiometer regulating flap for intake air Signal too high
P10A600	Potentiometer regulating flap for intake air Signal too low
P10A700	Adaptation regulating flap for intake air soiled
P10A800	Adaptation regulating flap for intake air lower limit not reached
P10A900	Magnetic clutch for mechanical charger does not open
P10AA00	Magnetic clutch for mechanical charger does not close
P10AB00	Magnetic clutch for mechanical charger excessive wear
P10AC00	Magnetic clutch for mechanical charger Short circuit to ground
P10AD00	Magnetic clutch for mechanical charger Open circuit
P10AE00	Current sensor for magnetic clutch for mechanical charger Electrical malfunction
P10AF00	Magnetic clutch for mechanical charger Malfunction
P10B000	Magnetic clutch for mechanical charger Short circuit to B+
P10B100	Monitoring of fuel injector for cylinder 1 failure detected
P10B200	Monitoring of fuel injector for cylinder 2 failure detected
P10B300	Monitoring of fuel injector for cylinder 3 failure detected
P10B400	Monitoring of fuel injector for cylinder 4 failure detected
P110000	Bank1-Sensor2, Heater Circuit Performance too low
P110100	Bank1 Sensor1 Voltage too low/air leak
P110200	Bank1-Sensor1, Heater Circuit Short circuit to B+
P110300	Bank1-Sensor1, Heater Circuit Performance too low
P110400	Bank 1 Sensor 2 Voltage too low/air leak
P110500	Bank1-Sensor2, Heater Circuit Short circuit to B+
P110600	Bank2 Sensor1 Voltage too low/air leak
P110700	O2 Sensor Heater Circ.,Bank2-Sensor1 Short circuit to B+
P110800	O2 Sensor Heater Circ.,Bank2-Sensor1 Performance too low
P110900	Bank2 Sensor2 Voltage too low/air leak
P110A00	Fuel Pressure Regulator Valve Short circuit to ground
P110B00	Fuel Pressure Regulator Valve Open circuit
P110C00	Fuel Pressure Regulator Valve mechanical malfunction

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P-Code	P-Code Text
P110D00	Activation Intake manifold Runner Control (IMRC) Short circuit to B+
P110E00	Activation Intake manifold Runner Control (IMRC) Short circuit to ground
P110F00	Activation Intake manifold Runner Control (IMRC) Open circuit
P111000	O2 Sensor Heater Circ.,Bank2-Sensor2 Short circuit to B+
P111100	Oxygen sensor control (Bank 1) System too lean
P111200	Oxygen sensor control (Bank 1) System too rich
P111300	Bank 1, sensor 1 Internal resistance too high
P111400	Bank 1, sensor 2 Internal resistance too high
P111500	Bank1-Sensor1, Heater Circuit Short circuit to ground
P111600	Bank1-Sensor1, Heater Circuit Open circuit
P111700	Bank1-Sensor2, Heater Circuit Short circuit to ground
P111800	Bank1-Sensor2, Heater Circuit Open circuit
P111900	O2 Sensor Heater Circ.,Bank2-Sensor1 Short circuit to ground
P111A00	NOX Sensor -G295 Signal too low
P111B00	NOX Sensor -G295 Signal outside tolerance
P111C00	NOX Sensor -G295 Implausible signal
P111D00	Heater activation sensor for NOX Short circuit to B+
P111E00	Heater activation sensor for NOX Short circuit to ground
P111F00	Heater activation sensor for NOX Open circuit
P112000	O2 Sensor Heater Circ.,Bank2-Sensor1 Open circuit
P112100	O2 Sensor Heater Circ.,Bank2-Sensor2 Short circuit to ground
P112200	O2 Sensor Heater Circ.,Bank2-Sensor2 Open circuit
P112300	Bank1, air mixture adaptation (add) System too rich
P112400	Bank1, air mixture adaptation (add) System too lean
P112500	Bank2, air mixture adaptation (add) System too rich
P112600	Bank2, air mixture adaptation (add) System too lean
P112700	Bank1, mixture adaptation (mult) System too rich
P112800	Bank1, mixture adaptation (mult) System too lean
P112900	Bank2, mixture adaptation (mult) System too rich
P113000	Bank2, mixture adaptation (mult) System too lean
P113100	Bank 2, sensor 1 Internal resistance too high
P113200	O2 Sensor Heating Circ.,Bank1+2-Sensor1 Short circuit to B+
P113300	O2 Sensor Heating Circ.,Bank1+2-Sensor1 Electrical malfunction
P113400	O2 Sensor Heating Circ.,Bank1+2-Sensor2 Short circuit to B+
P113500	O2 Sensor Heating Circ.,Bank1+2-Sensor2 Electrical malfunction
P113600	Bank1, mixture adaptation (add) System too lean
P113700	Bank1, mixture adaptation (add) System too rich
P113800	Bank2, mixture adaptation (add) System too lean
P113900	Bank2, mixture adaptation (add) System too rich
P113A00	Ethanol concentration sensor Implausible signal
P113B00	Ethanol concentration sensor Short circuit to B+
P113C00	Ethanol concentration sensor Short circuit to ground
P113D00	Intake air preheating heat flange Electrical malfunction
P113E00	Intake air preheating heat flange excess temperature
P113F00	Intake air preheating heat flange 2 excess temperature
P114000	Bank 2, sensor 2 Internal resistance too high
P114100	Load detection implausible value
P114200	Load detection value below lower limit
P114300	Load detection value above upper limit
P114400	Mass air flow (MAF) sensor -G70- Open circuit/short circuit to ground
P114500	Mass air flow (MAF) sensor -G70- Short circuit to B+
P114600	Mass air flow (MAF) sensor -G70- Supply voltage
P114700	Oxygen sensor control, Bank 2 System too lean
P114800	Oxygen sensor control, Bank 2 System too rich
P114900	Oxygen sensor control, Bank 1 Implausible control value
P115000	Oxygen sensor control, Bank 2 Implausible control value
P115100	Bank1, mixture adaptation, range 1 Lean limit not reached
P115200	Bank1, mixture adaptation, range 2 Lean limit not reached
P115300	Oxygen sensors behind catalytic converter swapped
P115400	Two-path intake manifold Malfunction



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P-Code	P-Code Text
P115500	Manifold Absolute Pressure (MAP) Sensor -G71 Short circuit to B+
P115600	Manifold Absolute Pressure (MAP) Sensor -G71 Open circuit/short circuit to ground
P115700	Manifold Absolute Pressure (MAP) Sensor -G71 Supply voltage
P115800	Manifold Absolute Pressure (MAP) Sensor -G71 Implausible signal
P115900	Signal of Mass Air Flow (MAF) sensor 1/2 Implausible ratio
P115A00	Manifold Absolute Pressure (MAP) Sensor 2 Implausible signal
P115B00	Manifold Absolute Pressure (MAP) Sensor 2 Signal too low
P115C00	Manifold Absolute Pressure (MAP) Sensor 2 Signal too high
P115D00	Sensor 2 for air pressure Implausible signal
P115E00	Sensor 2 for air pressure Signal too low
P115F00	Sensor 2 for air pressure Signal too high
P116000	Manifold Temp.Sensor -G72 Short circuit to ground
P116100	Manifold Temp.Sensor -G72 Open circuit/short circuit to B+
P116200	Fuel Temperature Sensor -G81 Short circuit to ground
P116300	Fuel Temperature Sensor -G81 Open circuit/short circuit to B+
P116400	Fuel Temperature Sensor -G81 Implausible signal
P116500	Bank1, mixture adaptation, range 1 Rich limit exceeded
P116600	Bank1, mixture adaptation, range 2 Rich limit exceeded
P116700	Mass Air Flow (MAF) Sensor 2 -G246 Implausible signal
P116800	Mass Air Flow (MAF) Sensor 2 -G246 Open circuit/short circuit to ground
P116900	Mass Air Flow (MAF) Sensor 2 -G246 Short circuit to B+
P116A00	Intake manifold press./air press. - Throttle valve pos. bank 2 Correlation at idle
P116B00	Intake manifold press./air press. - Throttle valve pos. bank 2 Correlation in partial throttle
P116C00	Leaking air in intake system, bank 2
P116F00	Mass air flow sensor interrupted signal
P117000	Mass Air Flow (MAF) Sensor 2 -G246 Supply voltage
P117100	Throttle drive angle sensor 2-G188 Implausible signal
P117200	Throttle drive angle sensor 2-G188 Signal too low
P117300	Throttle drive angle sensor 2-G188 Signal too high
P117400	Bank 1, fuel measuring system Injection Timing Deviation
P117500	Pre-injection switched off
P117600	O2 Correction Behind Cat,Bank1 Control limit reached
P117700	O2 Correction Behind Cat,Bank2 Control limit reached
P117800	Linear oxygen sensor/pump current Open circuit
P117900	Linear oxygen sensor/pump current Short circuit to ground
P117A00	Bank1, oxygen sensor correction center sensor Control limit reached
P117B00	Bank2, oxygen sensor correction center sensor Control limit reached
P117C00	Bank3,oxygen sensor correction behind cat Lean control limit exceeded
P117D00	Bank3,oxygen sensor correction behind cat Rich control limit exceeded
P117E00	Bank4,oxygen sensor correction behind cat Lean control limit exceeded
P117F00	Bank4,oxygen sensor correction behind cat Rich control limit exceeded
P118000	Linear oxygen sensor/pump current Short circuit to B+
P118100	Linear oxygen sensor/reference voltage Open circuit
P118200	Linear oxygen sensor/reference voltage Short circuit to ground
P118300	Linear oxygen sensor/reference voltage Short circuit to B+
P118400	Linear oxygen sensor / common ground wire Open circuit
P118500	Linear oxygen sensor / common ground wire Short circuit to ground
P118600	Linear oxygen sensor / common ground wire Short circuit to B+
P118700	Linear oxygen sensor/compensation resistance Open circuit
P118800	Linear oxygen sensor/compensation resistance Short circuit to ground
P118900	Linear oxygen sensor/compensation resistance Short circuit to B+
P118A00	Bank3 sensor1 Voltage too low/air leak
P118B00	Bank4 sensor1 Voltage too low/air leak
P118C00	Oxygen sensor 2 bank 3 Signal too lean
P118D00	Oxygen sensor 2 bank 3 Signal too rich
P118E00	Oxygen sensor 2 bank 4 Signal too lean
P118F00	Oxygen sensor 2 bank 4 Signal too rich
P119000	Linear oxygen sensor/reference voltage Implausible
P119100	Linear oxygen sensor before catalyst swapped
P119200	Fuel Pressure Sensor -G247- Supply voltage

P-Code	P-Code Text
P119300	Fuel Pressure Sensor -G247- Open circuit/short circuit to B+
P119400	Fuel Pressure Regulator Valve Short circuit to B+
P119500	Fuel Pressure Regulator Valve Open circuit/short circuit to ground
P119600	Bank1-Sensor1, Heater Circuit Electrical malfunction
P119700	O2 Sensor Heater Circ.,Bank2-Sensor1 Electrical malfunction
P119800	Bank1-Sensor2, Heater Circuit Electrical malfunction
P119900	O2 Sensor Heater Circ.,Bank2-Sensor2 Electrical malfunction
P119A00	Fuel Pressure Sensor -G247- Malfunction
P119B00	Fuel pressure sensor 2 Malfunction
P119C00	Fuel Volume Regulator Control Exceeded Learning lower Limit
P119D00	Fuel Volume Regulator Control Exceeded Learning upper Limit
P11A100	Cam Shift Actuator "A" Cylinder 1 Circuit/Open
P11A200	Cam Shift Actuator "A" Cylinder 1 Range/Performance
P11A300	Cam Shift Actuator "B" Cylinder 1 Circuit/Open
P11A400	Cam Shift Actuator "B" Cylinder 1 Range/Performance
P11A500	Cam Shift Actuator "A" Cylinder 2 Circuit/Open
P11A600	Cam Shift Actuator "A" Cylinder 2 Range/Performance
P11A700	Cam Shift Actuator "B" Cylinder 2 Circuit/Open
P11A800	Cam Shift Actuator "B" Cylinder 2 Range/Performance
P11A900	Cam Shift Actuator "A" Cylinder 3 Circuit/Open
P11AA00	Cam Shift Actuator "A" Cylinder 3 Range/Performance
P11AB00	Cam Shift Actuator "B" Cylinder 3 Circuit/Open
P11AC00	Cam Shift Actuator "B" Cylinder 3 Range/Performance
P11AD00	Cam Shift Actuator "A" Cylinder 4 Circuit/Open
P11AE00	Cam Shift Actuator "A" Cylinder 4 Range/Performance
P11AF00	Cam Shift Actuator "B" Cylinder 4 Circuit/Open
P11B000	Cam Shift Actuator "B" Cylinder 4 Range/Performance
P11B100	Cam Shift Actuator "A" Cylinder 5 Circuit/Open
P11B200	Cam Shift Actuator "A" Cylinder 5 Range/Performance
P11B300	Cam Shift Actuator "B" Cylinder 5 Circuit/Open
P11B400	Cam Shift Actuator "B" Cylinder 5 Range/Performance
P11B500	Cam Shift Actuator "A" Cylinder 6 Circuit/Open
P11B600	Cam Shift Actuator "A" Cylinder 6 Range/Performance
P11B700	Cam Shift Actuator "B" Cylinder 6 Circuit/Open
P11B800	Cam Shift Actuator "B" Cylinder 6 Range/Performance
P11B900	Cam Shift Actuator Bank 1 Supply spannungsage
P11BA00	Cam Shift Actuator Bank 2 Supply spannungsage
P11BB00	Cam Shift Actuator "A" Cylinder 7 Range/Performance
P11BC00	Cam Shift Actuator "B" Cylinder 7 Circuit/Open
P11BD00	Cam Shift Actuator "A" Cylinder 8 Range/Performance
P11BE00	Cam Shift Actuator "B" Cylinder 8 Circuit/Open
P11BF00	Cam Shift Actuator Outlet "A" Cylinder 1 Range/Performance
P11C000	Cam Shift Actuator Outlet "B" Cylinder 1 Circuit/Open
P11C100	Cam Shift Actuator Outlet "A" Cylinder 2 Range/Performance
P11C200	Cam Shift Actuator Outlet "B" Cylinder 2 Circuit/Open
P11C300	Cam Shift Actuator Outlet "A" Cylinder 3 Range/Performance
P11C400	Cam Shift Actuator Outlet "B" Cylinder 3 Circuit/Open
P11C500	Cam Shift Actuator Outlet "A" Cylinder 4 Range/Performance
P11C600	Cam Shift Actuator Outlet "B" Cylinder 4 Circuit/Open
P11C700	Cam Shift Actuator Outlet "A" Cylinder 5 Range/Performance
P11C800	Cam Shift Actuator Outlet "B" Cylinder 5 Circuit/Open
P11C900	Cam Shift Actuator Outlet "A" Cylinder 6 Range/Performance
P11CA00	Cam Shift Actuator Outlet "B" Cylinder 6 Circuit/Open
P11CB00	Cam Shift Actuator Outlet "A" Cylinder 7 Range/Performance
P11CC00	Cam Shift Actuator Outlet "B" Cylinder 7 Circuit/Open
P11CD00	Cam Shift Actuator Outlet "A" Cylinder 8 Range/Performance
P11CE00	Cam Shift Actuator Outlet "B" Cylinder 8 Circuit/Open
P11CF00	Cam Shift Actuator "A" Cylinder 7 Range/Performance
P11D000	Cam Shift Actuator "B" Cylinder 7 Range/Performance
P11D100	Cam Shift Actuator "A" Cylinder 8 Range/Performance

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P-Code	P-Code Text
P11D200	Cam Shift Actuator "B" Cylinder 8 Range/Performance
P11D300	Cam Shift Actuator Outlet "A" Cylinder 1 Range/Performance
P11D400	Cam Shift Actuator Outlet "B" Cylinder 1 Range/Performance
P11D500	Cam Shift Actuator Outlet "A" Cylinder 2 Range/Performance
P11D600	Cam Shift Actuator Outlet "B" Cylinder 2 Range/Performance
P11D700	Cam Shift Actuator Outlet "A" Cylinder 3 Range/Performance
P11D800	Cam Shift Actuator Outlet "B" Cylinder 3 Range/Performance
P11D900	Cam Shift Actuator Outlet "A" Cylinder 4 Range/Performance
P11DA00	Cam Shift Actuator Outlet "B" Cylinder 4 Range/Performance
P11DB00	Cam Shift Actuator Outlet "A" Cylinder 5 Range/Performance
P11DC00	Cam Shift Actuator Outlet "B" Cylinder 5 Range/Performance
P11DD00	Cam Shift Actuator Outlet "A" Cylinder 6 Range/Performance
P11DE00	Cam Shift Actuator Outlet "B" Cylinder 6 Range/Performance
P11DF00	Cam Shift Actuator Outlet "A" Cylinder 7 Range/Performance
P11E000	Cam Shift Actuator Outlet "B" Cylinder 7 Range/Performance
P11E100	Cam Shift Actuator Outlet "A" Cylinder 8 Range/Performance
P11E200	Cam Shift Actuator Outlet "B" Cylinder 8 Range/Performance
P11E300	Bank3 sensor1 Signal too slow during lean-out
P11E400	Bank3 sensor1 Signal too slow during enrichment
P11E500	Bank4 sensor1 Signal too slow during lean-out
P11E600	Bank4 sensor1 Signal too slow during enrichment
P11E700	Exhaust gas temperature bank3 too high
P11E800	Exhaust gas temperature bank4 too high
P11E900	Sensor 1 for exhaust gas temperature bank 3 Electrical malfunction
P11EA00	Sensor 1 for exhaust gas temperature bank 4 Electrical malfunction
P11EB00	Exhaust temperature sensor 1 bank 1 Implausible for sensor 1 for exhaust gas temperature bank 2
P11EC00	Sensor 1 for exhaust gas temperature bank 3 Implausible for sensor 1 for exhaust gas temperature bank 4
P11ED00	Exhaust temperature sensor 1 bank 1 Implausible for sensor 1 for exhaust gas temperature bank 4
P120000	Recirculation valve for turbocharger -N249, mechanical malfunction
P120100	Cylinder 1 Fuel Injector -N30- Electrical malfunction in circuit
P120200	Cylinder 2 Fuel Injector -N31 Electrical malfunction in circuit
P120300	Cylinder 3 Fuel Injector -N32- Electrical malfunction in circuit
P120400	Cylinder 4 Fuel Injector -N33- Electrical malfunction in circuit
P120500	Cylinder 5 Fuel Injector -N83- Electrical malfunction in circuit
P120600	Cylinder 6 Fuel Injector -N84- Electrical malfunction in circuit
P120700	Cylinder 7 Fuel Injector -N85- Electrical malfunction in circuit
P120800	Cylinder 8 Fuel Injector -N86- Electrical malfunction in circuit
P120900	Cylinder Shut-off, Intake Deactivation Valves Short circuit to ground
P120A00	Injectors control module 1 Electrical malfunction in circuit
P120B00	Injectors control module 2 Electrical malfunction in circuit
P120C00	Injectors control module 1 Short circuit between activation wires, Low-Side
P120D00	Injectors control module 2 Short circuit between activation wires, Low-Side
P120E00	Valve 2 for fuel metering Implausible signal
P120F00	Cold Start Fuel Pressure Performance Bank 2
P121000	Cylinder Shut-off, Intake Deactivation Valves Short circuit to B+
P121100	Cylinder Shut-off, Intake Deactivation Valves Open circuit
P121200	Cylinder shut-off, bank 1
P121300	Cylinder 1 Fuel Injector -N30- Short circuit to B+
P121400	Cylinder 2 Fuel Injector -N31 Short circuit to B+
P121500	Cylinder 3 Fuel Injector -N32- Short circuit to B+
P121600	Cylinder 4 Fuel Injector -N33- Short circuit to B+
P121700	Cylinder 5 Fuel Injector -N83- Short circuit to B+
P121800	Cylinder 6 Fuel Injector -N84- Short circuit to B+
P121900	Cylinder 7 Fuel Injector -N85- Short circuit to B+
P121A00	Cold Start Fuel Pressure Performance Bank 2 High
P122000	Cylinder 8 Fuel Injector -N86- Short circuit to B+
P122100	Cylinder Shut-off, Exhaust Deactivation Valves Short circuit to ground
P122200	Cylinder Shut-off, Exhaust Deactivation Valves Short circuit to B+
P122300	Cylinder Shut-off, Exhaust Deactivation Valves Open circuit
P122400	Cylinder shut-off, bank 2

P-Code	P-Code Text
P122500	Cylinder 1 Fuel Injector -N30- Short circuit to ground
P122600	Cylinder 2 Fuel Injector -N31 Short circuit to ground
P122700	Cylinder 3 Fuel Injector -N32- Short circuit to ground
P122800	Cylinder 4 Fuel Injector -N33- Short circuit to ground
P122900	Cylinder 5 Fuel Injector -N83- Short circuit to ground
P123000	Cylinder 6 Fuel Injector -N84- Short circuit to ground
P123100	Cylinder 7 Fuel Injector -N85- Short circuit to ground
P123200	Cylinder 8 Fuel Injector -N86- Short circuit to ground
P123300	Load detection Malfunction
P123400	fuel lead missing
P123500	O2 Correction Behind Catalyst, exhaust gas bank 3 Control limit reached
P123600	O2 Correction Behind Catalyst, exhaust gas bank 4 Control limit reached
P123700	Cylinder 1 Fuel Injector -N30- Open circuit
P123800	Cylinder 2 Fuel Injector -N31 Open circuit
P123900	Cylinder 3 Fuel Injector -N32- Open circuit
P124000	Cylinder 4 Fuel Injector -N33- Open circuit
P124100	Cylinder 5 Fuel Injector -N83- Open circuit
P124200	Cylinder 6 Fuel Injector -N84- Open circuit
P124300	Cylinder 7 Fuel Injector -N85- Open circuit
P124400	Cylinder 8 Fuel Injector -N86- Open circuit
P124500	Needle lift sensor -G80 Short circuit to ground
P124600	Needle lift sensor -G80 Implausible signal
P124700	Needle lift sensor -G80 Open circuit/short circuit to B+
P124800	Start of injection regulation Control difference
P124900	Fuel consumption signal Electrical malfunction in circuit
P125000	Fuel level too low
P125100	Injection start valve -N108 Short circuit to B+
P125200	Injection start valve -N108 Open circuit/short circuit to ground
P125300	Fuel consumption signal Short circuit to ground
P125400	Fuel consumption signal Short circuit to B+
P125500	Engine Coolant Temperature (ECT) Sensor -G62 Short circuit to ground
P125600	Engine Coolant Temperature (ECT) Sensor -G62 Open circuit/short circuit to B+
P125700	Coolant circulation valve-N214 Open circuit
P125800	Coolant circulation valve-N214 Short circuit to B+
P125900	Coolant circulation valve-N214 Short circuit to ground
P125A00	Thermal management Coolant circulation implausible
P125B00	Steam bubble formation in fuel low-pressure circuit
P125E00	Valve for pump/injector Short circuit control wire
P125F00	Valve for pump/injector not completely discharged
P126000	Cylinder 1 pump/injector valve -N240 Implausible signal
P126100	Cylinder 1 pump/injector valve -N240 Value above upper control limit
P126200	Cylinder 1 pump/injector valve -N240 Value below lower control limit
P126300	Cylinder 2 pump/injector valve -N241 Implausible signal
P126400	Cylinder 2 pump/injector valve -N241 Value above upper control limit
P126500	Cylinder 2 pump/injector valve -N241 Value below lower control limit
P126600	Cylinder 3 pump/injector valve -N242 Implausible signal
P126700	Cylinder 3 pump/injector valve -N242 Value above upper control limit
P126800	Cylinder 3 pump/injector valve -N242 Value below lower control limit
P126900	Cylinder 4 pump/injector valve -N243 Implausible signal
P127000	Cylinder 4 pump/injector valve -N243 Value above upper control limit
P127100	Cylinder 4 pump/injector valve -N243 Value below lower control limit
P127200	Cylinder 5 pump/injector valve -N244 Implausible signal
P127300	Cylinder 5 pump/injector valve -N244 Value above upper control limit
P127400	Cylinder 5 pump/injector valve -N244 Value below lower control limit
P127500	Cylinder 6 pump/injector valve -N245 Implausible signal
P127600	Cylinder 6 pump/injector valve -N245 Value above upper control limit
P127700	Cylinder 6 pump/injector valve -N245 Value below lower control limit
P127800	Fuel Metering Valve Short circuit to B+
P127900	Fuel Metering Valve Open circuit/short circuit to ground
P128000	Injector air control, valve -N212 Flow too Low

P-Code	P-Code Text
P128100	Fuel Metering Valve Short circuit to ground
P128200	Fuel Metering Valve Open circuit
P128300	Injector air control, valve -N212 Electrical malfunction in circuit
P128400	Injector air control, valve -N212 Open circuit
P128500	Injector air control, valve -N212 Short circuit to ground
P128600	Injector air control, valve -N212 Short circuit to B+
P128700	Recirculation valve for turbocharger -N249, Open circuit
P128800	Recirculation valve for turbocharger -N249, Short circuit to B+
P128900	Recirculation valve for turbocharger -N249, Short circuit to ground
P128F00	A/C Engine Coolant Temperature (ECT) Sensor -Radiator Outlet Electrical malfunction
P129000	Engine Coolant Temperature (ECT) Sensor (on Radiator) -G83- Signal too high
P129100	Engine Coolant Temperature (ECT) Sensor (on Radiator) -G83- Signal too low
P129200	Map Controlled Engine Cooling Thermostat -F265 Open circuit
P129300	Map Controlled Engine Cooling Thermostat -F265 Short circuit to B+
P129400	Map Controlled Engine Cooling Thermostat -F265 Short circuit to ground
P129500	Bypass turbocharger Throughput faulty
P129600	Malfunction in cooling system
P129700	Connection charger-throttle valve Pressure drop
P129800	Engine Coolant Temperature (ECT) Sensor (on Radiator) -G83- Implausible signal
P129900	Fuel Metering Valve Malfunction
P129A00	Fuel pressure regulator valve bank 2 mechanical malfunction
P129B00	Fuel pressure regulator valve bank 2 Open circuit
P129C00	Fuel pressure regulator valve bank 2 Short circuit to ground
P129D00	Fuel pressure regulator valve bank 2 Short circuit to B+
P129E00	Low Pressure Fuel System Pressure Too Low
P129F00	Low Pressure Fuel System Pressure Too High
P12A000	Low Pressure Fuel System Performance
P12A100	Fuel Rail Pressure Sensor inappropriately low
P12A200	Fuel Rail Pressure Sensor inappropriately high
P12A300	Fuel Rail Pump Control Valve stuck open
P12A400	Fuel Rail Pump Control Valve stuck closed
P12A500	Fuel Rail Pressure Sensor "B" inappropriately low
P12A600	Fuel Rail Pressure Sensor "B" inappropriately high
P12A700	Fuel Rail Pump Control Valve "B" stuck closed
P12A800	Camshaft adjuster "A" cylinder 1 Malfunction
P12A900	Camshaft adjuster "A" cylinder 2 Malfunction
P12AA00	Camshaft adjuster "A" cylinder 3 Malfunction
P12AB00	Camshaft adjuster "A" cylinder 4 Malfunction
P12AC00	Camshaft adjuster "A" cylinder 5 Malfunction
P12AD00	Camshaft adjuster "A" cylinder 6 Malfunction
P12AE00	Camshaft adjuster "A" cylinder 7 Malfunction
P12AF00	Camshaft adjuster "A" cylinder 8 Malfunction
P12B000	Camshaft adjuster "B" cylinder 1 Malfunction
P12B100	Camshaft adjuster "B" cylinder 2 Malfunction
P12B200	Camshaft adjuster "B" cylinder 3 Malfunction
P12B300	Camshaft adjuster "B" cylinder 4 Malfunction
P12B400	Camshaft adjuster "B" cylinder 5 Malfunction
P12B500	Camshaft adjuster "B" cylinder 6 Malfunction
P12B600	Camshaft adjuster "B" cylinder 7 Malfunction
P12B700	Camshaft adjuster "B" cylinder 8 Malfunction
P12B800	Exhaust camshaft adjuster "A" cylinder 1 Malfunction
P12B900	Exhaust camshaft adjuster "A" cylinder 2 Malfunction
P12BA00	Exhaust camshaft adjuster "A" cylinder 3 Malfunction
P12BB00	Exhaust camshaft adjuster "A" cylinder 4 Malfunction
P12BC00	Exhaust camshaft adjuster "A" cylinder 5 Malfunction
P12BD00	Exhaust camshaft adjuster "A" cylinder 6 Malfunction
P12BE00	Exhaust camshaft adjuster "A" cylinder 7 Malfunction
P12BF00	Exhaust camshaft adjuster "A" cylinder 8 Malfunction
P12C000	Exhaust camshaft adjuster "B" cylinder 1 Malfunction
P12C100	Exhaust camshaft adjuster "B" cylinder 2 Malfunction

P-Code	P-Code Text
P12C200	Exhaust camshaft adjuster "B" cylinder 3 Malfunction
P12C300	Exhaust camshaft adjuster "B" cylinder 4 Malfunction
P12C400	Exhaust camshaft adjuster "B" cylinder 5 Malfunction
P12C500	Exhaust camshaft adjuster "B" cylinder 6 Malfunction
P12C600	Exhaust camshaft adjuster "B" cylinder 7 Malfunction
P12C700	Exhaust camshaft adjuster "B" cylinder 8 Malfunction
P130000	Combustion misfire detected Reason: Low fuel
P130100	Cyl.9 Knock Contr Control limit reached
P130200	Cyl.10 Knock Contr Control limit reached
P130300	Cyl.11 Knock Contr Control limit reached
P130400	Cyl.12 Knock Contr Control limit reached
P130500	Ignition control cylinder 9 Open circuit
P130600	Ignition control cylinder 9 Short circuit to B+
P130700	Ignition control cylinder 9 Short circuit to ground
P130800	Ignition control cylinder 10 Open circuit
P130900	Ignition control cylinder 10 Short circuit to B+
P130A00	Hide cylinder
P131000	Ignition control cylinder 10 Short circuit to ground
P131100	Ignition control cylinder 11 Open circuit
P131200	Ignition control cylinder 11 Short circuit to B+
P131300	Ignition control cylinder 11 Short circuit to ground
P131400	Ignition control cylinder 12 Open circuit
P131500	Ignition control cylinder 12 Short circuit to B+
P131600	Ignition control cylinder 12 Short circuit to ground
P131700	Cyl.13 Knock Contr Control limit reached
P131800	Cyl.14 Knock Contr Control limit reached
P131900	Knock sensor 1 -G61 Short circuit to ground
P132000	Knock sensor 2 -G66 Short circuit to ground
P132100	Knock sensor 3 -G198 Signal too low
P132200	Knock sensor 3 -G198 Signal too high
P132300	Knock sensor 4 -G199 Signal too low
P132400	Knock sensor 4 -G199 Signal too high
P132500	Cyl.1 Knock Contr Control limit reached
P132600	Cyl.2 Knock Contr Control limit reached
P132700	Cyl.3 Knock Contr Control limit reached
P132800	Cyl.4 Knock Contr Control limit reached
P132900	Cyl.5 Knock Contr Control limit reached
P132A00	Knock Sensor 3 Electrical malfunction in circuit
P132B00	Knock Sensor 4 Electrical malfunction in circuit
P133000	Cyl.6 Knock Contr Control limit reached
P133100	Cyl.7 Knock Contr Control limit reached
P133200	Cyl.8 Knock Contr Control limit reached
P133300	Cyl.15 Knock Contr Control limit reached
P133400	Cyl.16 Knock Contr Control limit reached
P133500	Engine torque monitoring 2 Value above upper control limit
P133600	Engine torque monitoring Value above upper control limit
P133700	Camshaft Pos. Sensor, Bank1=>-G40 Short circuit to ground
P133800	Camshaft Pos. Sensor, Bank1=>-G40 Open circuit/short circuit to B+
P133900	Crankshaft Pos./Engine Speed Sensor swapped
P134000	Camshaft Position Sensor-G40,Engine Speed Sensor-G28 Incorrect allocation
P134100	Ignition output 1 Short circuit to ground
P134200	Ignition output 1 Short circuit to B+
P134300	Ignition output 2 Short circuit to ground
P134400	Ignition output 2 Short circuit to B+
P134500	Ignition output 3 Short circuit to ground
P134600	Ignition output 3 Short circuit to B+
P134700	Camshaft Position Sensor 2-G163/Engine Speed (RPM) Sensor-G28 Incorrect allocation
P134800	Ignition output 1 Open circuit
P134900	Ignition output 2 Open circuit
P135000	Ignition output 3 Open circuit

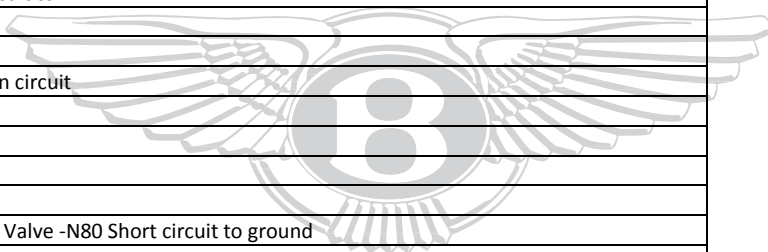
P-Code	P-Code Text
P135100	Camshaft Pos. Sensor, Bank1=>-G40 Implausible signal during start
P135200	Bank1, camshaft adjustment Specification not reached
P135300	Engine Coolant Temperature/Intake Air Temperature Correlation
P135400	Modulating piston displacement sensor -G149 Electrical malfunction in circuit
P135500	Ignition control cylinder 1 Open circuit
P135600	Ignition control cylinder 1 Short circuit to B+
P135700	Ignition control cylinder 1 Short circuit to ground
P135800	Ignition control cylinder 2 Open circuit
P135900	Ignition control cylinder 2 Short circuit to B+
P136000	Ignition control cylinder 2 Short circuit to ground
P136100	Ignition control cylinder 3 Open circuit
P136200	Ignition control cylinder 3 Short circuit to B+
P136300	Ignition control cylinder 3 Short circuit to ground
P136400	Ignition control cylinder 4 Open circuit
P136500	Ignition control cylinder 4 Short circuit to B+
P136600	Ignition control cylinder 4 Short circuit to ground
P136700	Ignition control cylinder 5 Open circuit
P136800	Ignition control cylinder 5 Short circuit to B+
P136900	Ignition control cylinder 5 Short circuit to ground
P137000	Ignition control cylinder 6 Open circuit
P137100	Ignition control cylinder 6 Short circuit to B+
P137200	Ignition control cylinder 6 Short circuit to ground
P137300	Ignition control cylinder 7 Open circuit
P137400	Ignition control cylinder 7 Short circuit to B+
P137500	Ignition control cylinder 7 Short circuit to ground
P137600	Ignition control cylinder 8 Open circuit
P137700	Ignition control cylinder 8 Short circuit to B+
P137800	Ignition control cylinder 8 Short circuit to ground
P137900	Cylinder 13 Combustion misfire detected
P138000	Cylinder 14 Combustion misfire detected
P138100	Cylinder 15 Combustion misfire detected
P138200	Cylinder 16 Combustion misfire detected
P138300	Portion of alternative fuels not adapted
P138400	Engine control module 2 defective
P138500	Control module defective
P138600	Control module defective
P138700	Control module defective
P138800	Control module defective
P138900	Diesel Direct Fuel Injection (DFI) Engine ECM 2 -J494- Faulty
P139100	Camshaft Pos. Sensor, Bank2=>-G163 Short circuit to ground
P139200	Camshaft Pos. Sensor, Bank2=>-G163 Open circuit/short circuit to B+
P139300	Ignition output 1 Electrical malfunction in circuit
P139400	Ignition output 2 Electrical malfunction in circuit
P139500	Ignition output 3 Electrical malfunction in circuit
P139600	Engine speed sensor -G28 Missing tooth
P139700	Sensor Wheel for Engine Speed adaptation limit reached
P139800	Engine speed signal, TD Short circuit to ground
P139900	Engine speed signal, TD Short circuit to B+
P139A00	Engine speed (RPM) validation
P139E00	Ion current system 1, internal error
P139F00	Ion current system 2, internal error
P13A000	Signal wire 1 ion current system bank 1 Short circuit to B+
P13A100	Signal wire 2 ion current system bank 1 Short circuit to B+
P13A200	Signal wire 1 ion current system bank 1 Short circuit to ground
P13A300	Signal wire 2 ion current system bank 1 Short circuit to ground
P13A400	Signal wire 1 ion current system bank 2 Short circuit to B+
P13A500	Signal wire 2 ion current system bank 2 Short circuit to B+
P13A600	Signal wire 1 ion current system bank 2 Short circuit to ground
P13A700	Signal wire 2 ion current system bank 2 Short circuit to ground
P13A800	Ion current system cylinder 1 Malfunction detected

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P-Code	P-Code Text
P13A900	Ion current system cylinder 1 Implausible signal
P13AA00	Ion current system cylinder 2 Malfunction detected
P13AB00	Ion current system cylinder 2 Implausible signal
P13AC00	Ion current system cylinder 3 Malfunction detected
P13AD00	Ion current system cylinder 3 Implausible signal
P13AE00	Ion current system cylinder 4 Malfunction detected
P13AF00	Ion current system cylinder 4 Implausible signal
P13B000	Ion current system cylinder 5 Malfunction detected
P13B100	Ion current system cylinder 5 Implausible signal
P13B200	Ion current system cylinder 6 Malfunction detected
P13B300	Ion current system cylinder 6 Implausible signal
P13B400	Ion current system cylinder 7 Malfunction detected
P13B500	Ion current system cylinder 7 Implausible signal
P13B600	Ion current system cylinder 8 Malfunction detected
P13B700	Ion current system cylinder 8 Implausible signal
P13B800	Ion current system cylinder 9 Malfunction detected
P13B900	Ion current system cylinder 9 Implausible signal
P13BA00	Ion current system cylinder 10 Malfunction detected
P13BB00	Ion current system cylinder 10 Implausible signal
P13BC00	Ion current system cylinder 11 Malfunction detected
P13BD00	Ion current system cylinder 11 Implausible signal
P13BE00	Ion current system cylinder 12 Malfunction detected
P13BF00	Ion current system cylinder 12 Implausible signal
P13C000	Ion current system cylinder 13 Malfunction detected
P13C100	Ion current system cylinder 13 Implausible signal
P13C200	Ion current system cylinder 14 Malfunction detected
P13C300	Ion current system cylinder 14 Implausible signal
P13C400	Ion current system cylinder 15 Malfunction detected
P13C500	Ion current system cylinder 15 Implausible signal
P13C600	Ion current system cylinder 16 Malfunction detected
P13C700	Ion current system cylinder 16 Implausible signal
P13C800	Ion current system bank 1, Initialization error channel 1
P13C900	Ion current system bank 1, Initialization error channel 2
P13CA00	Ion current system bank 1, Initialization error channel 1/2
P13CB00	Ion current system bank 2, Initialization error channel 1
P13CC00	Ion current system bank 2, Initialization error channel 2
P13CD00	Ion current system bank 2, Initialization error channel 1/2
P13CE00	Sensor for internal pressure of cylinder 1 Electrical malfunction
P13CF00	Sensor for internal pressure of cylinder 1 Short circuit to ground
P13D000	Sensor for internal pressure of cylinder 1 Implausible signal
P13D100	Sensor for internal pressure of cylinder 2 Electrical malfunction
P13D200	Sensor for internal pressure of cylinder 2 Short circuit to ground
P13D300	Sensor for internal pressure of cylinder 2 Implausible signal
P13D400	Sensor for internal pressure of cylinder 3 Electrical malfunction
P13D500	Sensor for internal pressure of cylinder 3 Short circuit to ground
P13D600	Sensor for internal pressure of cylinder 3 Implausible signal
P13D700	Sensor for internal pressure of cylinder 4 Electrical malfunction
P13D800	Sensor for internal pressure of cylinder 4 Short circuit to ground
P13D900	Sensor for internal pressure of cylinder 4 Implausible signal
P13DA00	Sensor for internal pressure of cylinder 5 Electrical malfunction
P13DB00	Sensor for internal pressure of cylinder 5 Short circuit to ground
P13DC00	Sensor for internal pressure of cylinder 5 Implausible signal
P13DD00	Sensor for internal pressure of cylinder 6 Electrical malfunction
P13DE00	Sensor for internal pressure of cylinder 6 Short circuit to ground
P13DF00	Sensor for internal pressure of cylinder 6 Implausible signal
P13E000	Sensor for internal pressure of cylinder 1 Malfunction
P13E100	Sensor for internal pressure of cylinder 2 Malfunction
P13E200	Sensor for internal pressure of cylinder 3 Malfunction
P13E300	Sensor for internal pressure of cylinder 4 Malfunction
P13E400	Sensor for internal pressure of cylinder 5 Malfunction

P-Code	P-Code Text
P13E500	Sensor for internal pressure of cylinder 6 Malfunction
P13E600	Sensor or internal pressure of cylinders Implausible signal
P13EA00	Cold Start Ignition Timing Performance Off Idle
P140000	EGR vacuum regulator solenoid valve Electrical malfunction in circuit
P140100	EGR vacuum regulator solenoid valve Short circuit to ground
P140200	EGR vacuum regulator solenoid valve Short circuit to B+
P140300	Exhaust gas recirculation system Control difference
P140400	Exhaust gas recirculation system Basic settings not carried out
P140500	Exhaust gas recirculation valve 2 -N213 Malfunction
P140600	EGR Temp.Sensor -G98 Implausible signal
P140700	EGR Temp.Sensor -G98 Signal too low
P140800	EGR Temp.Sensor -G98 Signal too high
P140900	Evaporative Emission (EVAP) Canister Purge Regulator Valve -N80 Electrical malfunction in circuit
P140A00	EGR system 2 bank 1 Control difference
P140B00	EGR system 2 bank 2 Control difference
P140C00	EGR sensor 2 bank 1 Signal too low
P140D00	EGR sensor 2 bank 2 Signal too low
P140E00	EGR sensor 2 bank 1 Signal too high
P140F00	EGR sensor 2 bank 2 Signal too high
P141000	Evaporative Emission (EVAP) Canister Purge Regulator Valve -N80 Short circuit to B+
P141100	Bank2, secondary air system Flow too Low
P141200	EGR pressure sensor Signal too low
P141300	EGR pressure sensor Signal too high
P141400	Bank2, secondary air system Leak detected
P141500	EGR valve, curve adaptation Lower limit exceeded
P141600	EGR valve, curve adaptation Upper limit exceeded
P141700	Fuel Level Sensor -G Signal too low
P141800	Fuel Level Sensor -G Signal too high
P141900	Exhaust gas recirculation cooler switch-over valve 2 -N381 Short circuit to B+
P141A00	Sensor 3 for exhaust gas temperature bank 2 Electrical malfunction
P141B00	Sensor 3 for exhaust gas temperature bank 2 Implausible signal
P141C00	Sensor 3 for exhaust gas temperature bank 2 Short circuit to ground
P141D00	Sensor 3 for exhaust gas temperature bank 2 Short circuit to B+
P141E00	EGR system Bank 2 Control difference
P141F00	Exhaust gas temperature sensors Implausible
P142000	Secondary air inlet valve-N112 Electrical malfunction in circuit
P142100	Secondary air inlet valve-N112 Short circuit to ground
P142200	Secondary air inlet valve-N112 Short circuit to B+
P142300	Bank1, secondary air system Flow too Low
P142400	Bank1, secondary air system Leak detected
P142500	Evaporative Emission (EVAP) Canister Purge Regulator Valve -N80 Short circuit to ground
P142600	Evaporative Emission (EVAP) Canister Purge Regulator Valve -N80 Open circuit
P142700	Brake vacuum pump activation Short circuit to B+
P142800	Brake vacuum pump activation Short circuit to ground
P142900	Brake vacuum pump activation Open circuit
P142A00	Exhaust Gas Temperature Sensor 2 and 3 - Bank 1 deviation
P142B00	Exhaust Gas Temperature Sensor 2 and 3 - Bank 2 deviation
P142C00	Exhaust Gas Temperature Sensor 2 - Bank 1 and 2 deviation
P142D00	Exhaust Gas Temperature Sensor 3 - Bank 1 and 2 deviation
P142E00	EGR valve 2 bank 1 Electrical malfunction in circuit
P142F00	EGR valve 2 bank 2 Electrical malfunction in circuit
P143000	Brake vacuum pump activation Open circuit/short circuit to B+
P143100	Brake vacuum pump activation Open circuit/short circuit to ground
P143200	Secondary air inlet valve-N112 Open circuit
P143300	Secondary Air Injection Pump Relay -J299 Open circuit
P143400	Secondary Air Injection Pump Relay -J299 Short circuit to B+
P143500	Secondary Air Injection Pump Relay -J299 Short circuit to ground
P143600	Secondary Air Injection Pump Relay -J299 Electrical malfunction in circuit
P143700	EGR Vacuum Regulator Solenoid Valve 2 Short circuit to B+
P143800	EGR Vacuum Regulator Solenoid Valve 2 Open circuit/short circuit to ground



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P-Code	P-Code Text
P143900	EGR potentiometer -G212 Error in basic setting
P143A00	Bank 2 Particle Filter Post-Injection Metering Pump -V337- Short circuit to B+
P143B00	Bank 2 Particle Filter Post-Injection Metering Pump -V337- Short circuit to ground/open circuit
P143C00	Bank 1 Particle Filter Post-Injection Metering Pump -V336- Short circuit to B+
P143D00	Bank 1 Particle Filter Post-Injection Metering Pump -V336- Short circuit to ground/open circuit
P143E00	Particle Filter Post-Injection Metering Pump -V335- Short circuit to B+
P143F00	Particle Filter Post-Injection Metering Pump -V335- Short circuit to ground/open circuit
P144000	EGR vacuum regulator solenoid valve Open circuit
P144100	EGR vacuum regulator solenoid valve Open circuit/short circuit to ground
P144200	EGR potentiometer -G212 Signal too high
P144300	EGR potentiometer -G212 Signal too low
P144400	EGR potentiometer -G212 Implausible signal
P144500	Catalyst Temp.Sensor 2 -G132 Implausible signal
P144600	Catalyst Temp.Sensor 1 -G20 Short circuit to ground
P144700	Catalyst Temp.Sensor 1 -G20 Open circuit/short circuit to B+
P144800	Catalyst Temp.Sensor 2 -G132 Short circuit to ground
P144900	Catalyst Temp.Sensor 2 -G132 Open circuit/short circuit to B+
P144A00	EGR system 2 bank 1 Malfunction
P144B00	EGR system 2 bank 2 Malfunction
P144C00	EGR sensor 2 bank 1 Error in basic setting
P144D00	EGR sensor 2 bank 2 Error in basic setting
P144E00	EGR Vacuum Regulator Solenoid Valve 2 Electrical malfunction
P144F00	EGR Vacuum Regulator Solenoid Valve 2 Open circuit
P145000	Secondary air system Short circuit to B+
P145100	Secondary air system Short circuit to ground
P145200	Secondary air system Open circuit
P145300	Exhaust gas temperature sensor 1 -G235 Open circuit/short circuit to B+
P145400	Exhaust gas temperature sensor 1 -G235 Short circuit to ground
P145500	Exhaust gas temperature sensor 1 -G235 Implausible signal
P145600	Exhaust Gas Temperature Control Bank 1 Control limit reached
P145700	Exhaust temperature sensor 1 bank 2 - G236 Open circuit/short circuit to B+
P145800	Exhaust temperature sensor 1 bank 2 - G236 Short circuit to ground
P145900	Exhaust temperature sensor 1 bank 2 - G236 Implausible signal
P145A00	Exhaust Gas Temperature Sensor 3 Electrical malfunction
P145B00	Exhaust Gas Temperature Sensor 3 Implausible signal
P145C00	Exhaust Gas Temperature Sensor 3 Short circuit to ground
P145D00	Exhaust Gas Temperature Sensor 3 Short circuit to B+
P145E00	Mass air flow in regeneration operation too low
P145F00	Mass air flow in regeneration operation too high
P146000	Exhaust Gas Temperature Control Bank 2 Control limit reached
P146100	Exhaust Gas Temperature Control Bank 1 Implausible signal
P146200	Exhaust Gas Temperature Control Bank 2 Implausible signal
P146300	Secondary air system Bank 3 Malfunction
P146400	Secondary air system Bank 4 Malfunction
P146500	Pump for particle filter additive-V135 Short circuit to B+
P146600	Pump for particle filter additive-V135 Open circuit/short circuit to ground
P146700	EVAP canister purge regulator valve 2-N115 Short circuit to B+
P146800	EVAP canister purge regulator valve 2-N115 Short circuit to ground
P146900	EVAP canister purge regulator valve 2-N115 Open circuit
P146A00	Malfunction Diesel particulate filter bank 1 Temperature increase too low
P146B00	Malfunction Diesel particulate filter bank 2 Temperature increase too low
P146C00	Acknowledgement of heating 1 for reducing agent Electrical malfunction
P146D00	Acknowledgement of heating 1 for reducing agent Short circuit to B+
P146E00	Acknowledgement of heating 2 for reducing agent Electrical malfunction
P146F00	Acknowledgement of heating 2 for reducing agent Short circuit to B+
P147000	Leak diagnosis pump - EVAP emission ctrl system Electrical malfunction in circuit
P147100	Leak diagnosis pump - EVAP emission ctrl system Short circuit to B+
P147200	Leak diagnosis pump - EVAP emission ctrl system Short circuit to ground
P147300	Leak diagnosis pump - EVAP emission ctrl system Open circuit
P147400	EVAP canister purge regulator valve 2-N115 Electrical malfunction in circuit

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P-Code	P-Code Text
P147500	Leak diagnosis pump - EVAP emission ctrl system malfunction/no signal
P147600	Leak diagnosis pump - EVAP emission ctrl system malfunction/vacuum to low
P147700	Leak diagnosis pump - EVAP emission ctrl system Malfunction
P147800	Leak diagnosis pump - EVAP emission ctrl system blocked hose detected
P147900	Brake vacuum system mechanical malfunction
P147A00	Brake vacuum pump activation Electrical malfunction
P148000	Brake vacuum pump
P148100	Secondary Air Injection (AIR) Pump Relay 2 -J545- Open circuit
P148200	Secondary Air Injection (AIR) Pump Relay 2 -J545- Short circuit to B+
P148300	Secondary Air Injection (AIR) Pump Relay 2 -J545- Short circuit to ground
P148400	Secondary Air Injection (AIR) Pump Relay 2 -J545- Electrical malfunction in circuit
P148500	Secondary Air Injection Valve 2 -N320- Open circuit
P148600	Secondary Air Injection Valve 2 -N320- Electrical malfunction in circuit
P148700	Secondary Air Injection Valve 2 -N320- Short circuit to ground
P148800	Secondary Air Injection Valve 2 -N320- Short circuit to B+
P148900	EVAP canister purge regulator valve 2-N333 Short circuit to B+
P148A00	Sensor for reducing agent fill level Implausible fill level
P148B00	End stage for reducing agent heating Faulty
P148C00	End stage 2 for reducing agent heating Faulty
P148D00	Evaporative Emission System Leak Detection Pump implausible frequency
P148F00	Exhaust gas recirculation cooler switch-over valve 2 Electrical malfunction
P149000	EVAP canister purge regulator valve 2-N333 Short circuit to ground
P149100	EVAP canister purge regulator valve 2-N333 Open circuit
P149200	EVAP canister purge regulator valve 2-N333 Electrical malfunction in circuit
P149300	Brake vacuum pump Performance too low
P149400	EVAP Emission Control System 2 Throughput faulty
P149500	EGR cooler switch-over valve -N345 Open circuit/short circuit to ground
P149600	EGR cooler switch-over valve -N345 Short circuit to B+
P149700	Secondary air system Bank 3 Incorrect Flow
P149800	Secondary air system Bank 4 Incorrect Flow
P149900	Exhaust gas recirculation cooler switch-over valve 2 -N381 Open circuit/short circuit to ground
P149A00	EGR Coolant pump Short circuit to ground
P149B00	EGR Coolant pump Short circuit to B+
P149C00	EGR Coolant pump Open circuit
P149D00	Transfer pump for reducing agent Open circuit
P149E00	Transfer pump for reducing agent Short circuit to ground
P149F00	Transfer pump for reducing agent Short circuit to B+
P14A000	Sensor 1 for exhaust gas temperature bank 3 Implausible signal
P14A100	Sensor 1 for exhaust gas temperature bank 3 Short circuit to ground
P14A200	Sensor 1 for exhaust gas temperature bank 3 Short circuit to B+
P14A300	Sensor 1 for exhaust gas temperature bank 4 Implausible signal
P14A400	Sensor 1 for exhaust gas temperature bank 4 Short circuit to ground
P14A500	Sensor 1 for exhaust gas temperature bank 4 Short circuit to B+
P14A600	Sensor 3a for exhaust temperature bank 1 Electrical malfunction
P14A700	Sensor 3a for exhaust temperature bank 1 Implausible signal
P14A800	Sensor 3a for exhaust temperature bank 1 Short circuit to ground
P14A900	Sensor 3a for exhaust temperature bank 1 Short circuit to B+
P14AA00	Exhaust flap Malfunction
P150000	Fuel pump relay -J17 Electrical malfunction in circuit
P150100	Fuel pump relay -J17 Short circuit to ground
P150200	Fuel pump relay -J17 Short circuit to B+
P150300	Load signal from alternator terminal DF Implausible signal
P150400	Air intake system Leak detected
P150500	Closed throttle position switch -F60 does not close/open circuit
P150600	Closed throttle position switch -F60 does not open/short circuit to Ground (GND)
P150700	Idling system adaptation value lower limit reached
P150800	Idling system adaptation value upper limit reached
P150900	Idling speed stabilization valve -N71 Electrical malfunction in circuit
P150A00	Engine Off Timer Performance
P150B00	Acceleration monitoring Value above upper control limit

P-Code	P-Code Text
P150C00	RPM request from transmission cannot be performed
P150D00	Chain elongation
P150E00	Vehicle Speed signal Implausible to ABS Control Module
P150F00	External control module incorrect code
P151000	Idling speed stabilization valve -N71 Short circuit to B+
P151100	Intake manifold changeover valve -N156 Electrical malfunction in circuit
P151200	Intake manifold changeover valve -N156 Short circuit to B+
P151300	Intake Manifold tuning valve 2 -N261 Short circuit to B+
P151400	Intake Manifold Tuning Valve 2 -N261 Short circuit to ground
P151500	Intake Manifold tuning valve -N156 Short circuit to ground
P151600	Intake Manifold tuning valve -N156 Open circuit
P151700	Main relay Electrical malfunction in circuit
P151800	Main relay Short circuit to B+
P151900	Bank1, camshaft adjustment Malfunction
P151A00	Control module incorrect code
P151B00	Voltage terminal 15 Implausible
P151C00	Chain elongation bank 2
P151D00	Start interruption due to insufficient engine speed
P152000	Intake Manifold Tuning Valve 2 -N261 Open circuit
P152100	Intake Manifold Tuning Valve 2 -N261 Electrical malfunction in circuit
P152200	Bank2, camshaft adjustment Malfunction
P152300	Crash Signal from Airbag Control Module Implausible signal
P152400	Fuel pump relay -J17 Open circuit/short circuit to ground
P152500	Bank1, camshaft adjustment=>-N205 Electrical malfunction in circuit
P152600	Bank1, camshaft adjustment=>-N205 Short circuit to B+
P152700	Bank1, camshaft adjustment=>-N205 Short circuit to ground
P152800	Bank1, camshaft adjustment=>-N205 Open circuit
P152900	Camshaft adjustment Short circuit to B+
P153000	Camshaft adjustment Short circuit to ground
P153100	Camshaft adjustment Open circuit
P153200	Idle regulation lean operation RPM below specified value
P153300	Bank2, camshaft adjustment=>-N208 Electrical malfunction in circuit
P153400	Bank2, camshaft adjustment=>-N208 Short circuit to B+
P153500	Bank2, camshaft adjustment=>-N208 Short circuit to ground
P153600	Bank2, camshaft adjustment=>-N208 Open circuit
P153700	Fuel cut-off valve -N109 Malfunction
P153800	Fuel cut-off valve -N109 Open circuit/short circuit to ground
P153900	Clutch pedal switch -F36 Implausible signal
P153A00	Throttle valve adapter bank 1 Error
P153B00	Throttle valve adapter bank 2 Error
P153C00	Throttle valve sensor bank 1 Error
P153D00	Throttle valve sensor bank 2 Error
P154000	Vehicle Speed signal Signal too high
P154100	Fuel pump relay -J17 Open circuit
P154200	EPC throttle drive angle sensor-G187 Implausible signal
P154300	EPC throttle drive angle sensor-G187 Signal too low
P154400	EPC throttle drive angle sensor-G187 Signal too high
P154500	Throttle valve control system Malfunction
P154600	Wastegate Bypass Regulator Valve -N75 Short circuit to B+
P154700	Wastegate Bypass Regulator Valve -N75 Short circuit to ground
P154800	Wastegate Bypass Regulator Valve -N75 Open circuit
P154900	Wastegate Bypass Regulator Valve -N75 Open circuit/short circuit to ground
P154D00	Charge pressure control charger 2 Malfunction
P154E00	Charge pressure regulation bank 2 Malfunction
P154F00	Charge pressure control Malfunction
P155000	Charging pressure Control difference
P155100	Altitude sensor-F96 Short circuit to B+
P155200	Altitude sensor-F96 Open circuit/short circuit to ground
P155300	Altitude sensor signal/intake manifold pressure Implausible ratio
P155400	Throttle valve control module -J338 Conditions f. basic setting not met

P-Code	P-Code Text
P155500	Value above maximum charge pressure
P155600	Charge pressure control Value below lower control limit
P155700	Charge pressure control Value above upper control limit
P155800	EPV Throttle Drive -G186 Electrical malfunction in circuit
P155900	Throttle valve control module -J338 Error in basic setting
P155A00	Charge pressure control Charge pressure not reached
P155B00	Charge pressure control Adaptation value not reached
P155C00	Charge pressure control Adaptation value exceeded
P155D00	Turbocharger/compressor charge pressure bank 2 too high - mechanical
P156000	Engine Overspeed Condition
P156100	Quantity adjuster-N146 Control difference
P156200	Quantity adjuster-N146 upper limit stop value
P156300	Quantity adjuster-N146 lower limit stop value
P156400	Throttle valve control module -J338 insufficient voltage during basic setting
P156500	Throttle valve control module -J338 lower stop not reached
P156600	A/C compressor load signal Implausible signal
P156700	A/C compressor load signal No signal
P156800	Throttle valve control module -J338 mechanical malfunction
P156900	Cruise control switch -E45 Implausible signal
P156A00	Filling/throttle valve position Validation
P156B00	Lower mechanical stop of throttle valve Implausible signal
P157000	Engine Control Module (ECM) disabled
P157100	Left Electro-Hydraulic Engine Mount Solenoid Valve -N144- Short circuit to B+
P157200	Left Electro-Hydraulic Engine Mount Solenoid Valve -N144- Short circuit to ground
P157300	Left Electro-Hydraulic Engine Mount Solenoid Valve -N144- Open circuit
P157400	Left Electro-Hydraulic Engine Mount Solenoid Valve -N144- Electrical malfunction in circuit
P157500	Right Electro-Hydraulic Engine Mount Solenoid Valve -N145- Short circuit to B+
P157600	Right Electro-Hydraulic Engine Mount Solenoid Valve -N145- Short circuit to ground
P157700	Right Electro-Hydraulic Engine Mount Solenoid Valve -N145- Open circuit
P157800	Right Electro-Hydraulic Engine Mount Solenoid Valve -N145- Electrical malfunction in circuit
P157900	Throttle valve control module -J338 Adaptation not initiated
P158000	Throttle valve drive - bank 1 Malfunction
P158100	Throttle valve control module-J338- Basic settings not carried out
P158200	Idle speed control adaptation limit reached
P158300	Transmission Mount Valve -N262/263 Short circuit to B+
P158400	Transmission Mount Valve -N262/263 Short circuit to ground
P158500	Transmission Mount Valve -N262/263 Open circuit
P158600	L/R Electr-Hydr Eng. Mount Sol Valve -N144/N145 Short circuit to B+
P158700	L/R Electr-Hydr Eng. Mount Sol Valve -N144/N145 Short circuit to ground
P158800	L/R Electr-Hydr Eng. Mount Sol Valve -N144/N145 Open circuit
P158900	Temperature Selector Knob Potentiometer -G267- Short circuit to ground
P159000	Temperature Selector Knob Potentiometer -G267- Open circuit
P159100	Wastegate Bypass Regulator Valve -N75 No function
P159200	Altitude sensor signal/charge air pressure sensor Implausible ratio
P159300	Altitude adaptation Signal outside tolerance
P159400	Camshaft adjustment oil temperature sensor -G277 Short circuit to B+
P159500	Camshaft adjustment oil temperature sensor -G277 Open circuit/short circuit to ground
P159600	Databus drivetrain Implausible message from level control system control module
P159700	Databus drivetrain missing message from level control system control module
P159800	Camshaft adjustment oil temperature sensor -G277 Implausible signal
P159900	Idle regulation lean operation RPM above specified value
P159B00	Oil Level Thermal Sensor Short circuit to B+
P159C00	Oil Level Thermal Sensor Short circuit to ground
P159D00	Oil Level Thermal Sensor Implausible signal
P159E00	Oil Level Thermal Sensor No signal
P159F00	Function restriction by Transmission Control Module
P15A000	Neutral position sensor Electrical malfunction
P15A100	Neutral position sensor Implausible signal
P15A200	Neutral position sensor Short circuit to ground
P15A300	Neutral position sensor Short circuit to B+

P-Code	P-Code Text
P15A400	Vehicle shutdown active
P160000	Power supply terminal 15 Voltage too low
P160100	Relay for Power Supply (B+) Terminal 30 -J317 Implausible signal
P160200	Power supply terminal 30 Voltage too low
P160300	Control module defective
P160400	Control module defective
P160500	Uneven road surface /acceleration sensor Electrical malfunction in circuit
P160600	Rough Road Spec Engine Torque ABS-ECU Electrical malfunction in circuit
P160700	Speed signal Malfunction message from instrument cluster
P160800	Steering angle signal Malfunction indication from steering angle sensor
P160900	Crash shut-off was triggered
P160A00	Control module defective
P160B00	See literature
P160C00	Coolant pump 2 Open circuit
P160D00	Coolant pump 2 Implausible signal
P160E00	Coolant pump 2 Short circuit to ground
P160F00	Coolant pump 2 Short circuit to B+
P161000	Control module defective
P161100	Requirement - malfunction lamp on Short circuit to ground
P161200	Engine control module (ECM) Incorrect coding
P161300	Requirement - malfunction lamp on Open circuit/short circuit to B+
P161400	Requirement - malfunction lamp on Implausible signal
P161500	Oil Temperature Sensor-G8 Implausible signal
P161600	Glow plug indicator lamp -K29 Short circuit to B+
P161700	Glow plug indicator lamp -K29 Open circuit/short circuit to ground
P161800	Glow plug relay -J52 Short circuit to B+
P161900	Glow plug relay -J52 Open circuit/short circuit to ground
P161A00	Glow plug cylinder 1 -Q10 Open circuit
P161B00	Glow plug cylinder 2 -Q11 Open circuit
P161C00	Glow plug cylinder 3 -Q12 Open circuit
P161D00	Glow plug cylinder 4 -Q13 Open circuit
P161E00	Glow plug cylinder 5 -Q14 Open circuit
P161F00	Glow plug cylinder 6 -Q15 Open circuit
P162000	Signal for coolant temperature Open circuit/Short circuit to B+
P162100	Signal for coolant temperature Short circuit to ground
P162200	Signal for coolant temperature Implausible signal
P162300	Databus drivetrain No communication
P162400	Requirement - malfunction lamp on active
P162500	Databus drivetrain Implausible Message from Trans Ctrl Mod
P162600	Databus drivetrain Implausible Message from Trans Ctrl Mod
P162700	Databus drivetrain missing message from fuel injection pump CM
P162800	Databus drivetrain missing message from steering angle sensor
P162900	Databus drivetrain Missing message from ADR control module
P162A00	Glow plug cylinder 7 -Q16 Open circuit
P162B00	Glow plug cylinder 8 -Q17 Open circuit
P162C00	Glow Time Control Module - voltage supply Load circuit open circuit
P162D00	Diesel particle filter indicator lamp Malfunction
P162E00	Glow plug cylinder 9 -Q18 Open circuit
P162F00	Glow plug cylinder 10 -Q19 Open circuit
P163000	Accelerator position sensor-G79 Signal too low
P163100	Accelerator position sensor-G79 Signal too high
P163200	Accelerator position sensor-G79 Supply voltage
P163300	Accelerator pedal position sensor 2 -G185 Signal too low
P163400	Accelerator pedal position sensor 2 -G185 Signal too high
P163500	Databus drivetrain missing message from A/C control module
P163600	Databus drivetrain missing message from Airbag control module
P163700	Databus drivetrain Missing message f.central electr. ZE
P163800	Databus drivetrain missing message from clutch control module
P163900	Throttle/Pedal Position Sensor 1/2 G79+G185 Implausible signal
P163A00	Glow Time Control Module 2 - voltage supply Load circuit open circuit



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P-Code	P-Code Text
P163B00	Wakeup request constantly detected
P163C00	Wakeup request not detected
P163D00	Indicator lamp for driving program Electrical malfunction in circuit
P163E00	Control module defective
P163F00	Glow time control module 2
P164000	Control module defective
P164100	Read DTC memory of A/C control module
P164200	Read DTC memory of Airbag control module
P164300	Read DTC memory of electronic ZE
P164400	Read DTC memory of clutch control module
P164500	Databus drivetrain missing message from all wheel electronics
P164600	Read DTC memory of all-wheel wheel drive electronics
P164700	Checking coding/versions of control modules in drivetrain
P164800	Databus drivetrain Faulty
P164900	Databus drivetrain missing message from ABS control module
P164A00	Oil pressure switch Implausible signal
P164B00	Oil pressure switch Malfunction
P164C00	Oil pressure switch for reduced oil pressure Implausible signal
P164D00	Oil pressure switch for reduced oil pressure Malfunction
P164E00	Oil pressure regulation valve Electrical malfunction
P164F00	Torque withdrawal
P165000	Databus drivetrain missing message from instrument cluster
P165100	Databus drivetrain missing messages
P165200	Read DTC memory of transmission CM
P165300	Read DTC memory of ABS CM
P165400	Read DTC memory of instrument cluster
P165500	Read DTC memory of distance control CM
P165600	A/C input/output Short circuit to ground
P165700	A/C input/output Short circuit to B+
P165800	Databus drivetrain implausible message from ADR control module
P165900	Fan 1 control circuit Short circuit to B+
P165A00	Temperature sensor - fresh air intake duct Short circuit to B+
P165B00	Temperature sensor - fresh air intake duct Short circuit to ground
P165C00	Temperature sensor - fresh air intake duct Electrical malfunction
P165D00	Refrigerant pressure too high
P165E00	Refrigerant pressure too low
P165F00	Oil pressure regulation valve Short circuit to ground
P166000	Fan 1 control circuit Short circuit to ground
P166100	Fan 2 control circuit Short circuit to B+
P166200	Fan 2 control circuit Short circuit to ground
P166300	Activation of pump/injector valves Short circuit to B+
P166400	Activation of pump/injector valves Electrical malfunction in circuit
P166500	Activation of pump/injector valves mechanical malfunction
P166600	Cylinder 1 pump/injector valve -N240 Electrical malfunction in circuit
P166700	Cylinder 2 pump/injector valve -N241 Electrical malfunction in circuit
P166800	Cylinder 3 pump/injector valve -N242 Electrical malfunction in circuit
P166900	Cylinder 4 pump/injector valve -N243 Electrical malfunction in circuit
P166A00	Oil temperature sensor 2 Electrical malfunction
P166B00	Oil temperature sensor 2 Short circuit to ground
P166C00	Oil temperature sensor 2 Implausible signal
P166D00	Engine control module incorrect installation
P166E00	Engine start interruption
P166F00	Partial engine operation Deactivated
P167000	Cylinder 5 pump/injector valve -N244 Electrical malfunction in circuit
P167100	Cylinder 6 pump/injector valve -N245 Electrical malfunction in circuit
P167200	Fan 1 control circuit Open circuit/short circuit to ground
P167300	Speed signal Malfunction message from ABS control module
P167400	Databus drivetrain implausible message from instrument cluster
P167500	Databus drivetrain implausible message from fuel pump control module
P167600	Electronic power control malfunction indicator lamp -K132 Electrical malfunction in circuit



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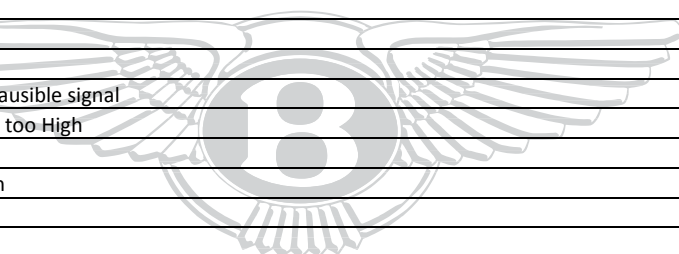
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P-Code	P-Code Text
P167700	Electronic power control malfunction indicator lamp -K132 Short circuit to B+
P167800	Electronic power control malfunction indicator lamp -K132 Short circuit to ground
P167900	Electronic power control malfunction indicator lamp -K132 Open circuit
P167A00	Start/stop indicator light Electrical malfunction
P167B00	Driver seat belt buckle Error
P167C00	Driving program switch Electrical malfunction
P167D00	Start/stop switch Electrical malfunction
P167E00	Start/stop restart Maximum start time exceeded
P167F00	Injection system initialization error or impermissible operating condition
P168000	Reset-resistant limp-home
P168100	Control module programming Programming not finished
P168200	Databus drivetrain Implausible message from ABS control module
P168300	Databus drivetrain Implausible message from airbag control module
P168400	Control module programming Malfunction in data transfer
P168500	Databus drivetrain implausible message from steering angle sensor
P168600	Control module defective Programming error
P168700	Databus drivetrain Implausible message from A/C control module
P168800	Databus drivetrain Implausible message from all-wheel drive electronics
P168900	Databus drivetrain implausible message from electronic ZE
P168A00	Reversible crash shut-off was triggered
P168B00	Oil pressure switch 3 Implausible signal during engine stand still
P168C00	Oil pressure switch 3 Implausible signal during engine operation
P168D00	Oil pressure switch 3 Malfunction
P169000	Malfunction Indicator Lamp (MIL) -K83- Electrical malfunction in circuit
P169100	Malfunction Indicator Lamp (MIL) -K83- Open circuit
P169200	Malfunction Indicator Lamp (MIL) -K83- Short circuit to ground
P169300	Malfunction Indicator Lamp (MIL) -K83- Short circuit to B+
P169400	Malfunction Indicator Lamp (MIL) -K83- Open circuit/short circuit to ground
P169500	Databus drivetrain Implausible message from clutch control module
P169600	Databus drivetrain Implausible signal from Steering Column Electronics
P169700	Steering angle sensor Read out DTC
P169800	Steering Column Electronics Read out DTC
P169900	Databus drivetrain missing message from Steering Column Electronics
P169A00	Loading mode active
P169B00	Glow plug cylinder 1 Implausible signal
P169C00	Glow plug cylinder 2 Implausible signal
P169D00	Glow plug cylinder 3 Implausible signal
P169E00	Glow plug cylinder 4 Implausible signal
P169F00	Glow plug cylinder 5 Implausible signal
P16A000	Glow plug cylinder 6 Implausible signal
P16A100	Glow plug cylinder 7 Implausible signal
P16A200	Glow plug cylinder 8 Implausible signal
P16A300	Glow plug cylinder 9 Implausible signal
P16A400	Glow plug cylinder 10 Implausible signal
P16A500	Glow plug cylinder 11 Implausible signal
P16A600	Glow plug cylinder 12 Implausible signal
P16A700	Glow plug cylinder 1 Incorrect installation
P16A800	Glow plug cylinder 2 Incorrect installation
P16A900	Glow plug cylinder 3 Incorrect installation
P16AA00	Glow plug cylinder 4 Incorrect installation
P16AB00	Glow plug cylinder 5 Incorrect installation
P16AC00	Glow plug cylinder 6 Incorrect installation
P16AD00	Glow plug cylinder 7 Incorrect installation
P16AE00	Glow plug cylinder 8 Incorrect installation
P16AF00	Glow plug cylinder 9 Incorrect installation
P16B000	Glow plug cylinder 10 Incorrect installation
P16B100	Glow plug cylinder 11 Incorrect installation
P16B200	Glow plug cylinder 12 Incorrect installation
P16B300	Coolant pump 2 for charge air cooler Open circuit
P16B400	Coolant pump 2 for charge air cooler Short circuit to ground

P-Code	P-Code Text
P16B500	Coolant pump 2 for charge air cooler Short circuit to B+
P16B600	Coolant pump 2 for charge pressure cooler Temperature shut-off
P16B700	Coolant pump 2 for charge pressure cooler No signal
P16B800	Coolant pump 2 for charge pressure cooler Mechanical malfunction
P16B900	Coolant pump 2 for charge pressure cooler Dry running
P16BA00	Coolant pump for charge pressure cooler Dry running
P16BB00	Coolant pump 3 Open circuit
P16BC00	Coolant pump 3 Implausible signal
P16BD00	Coolant pump 3 Short circuit to ground
P16BE00	Coolant pump 3 Short circuit to B+
P170000	Brake Pressure Switch -F270- Implausible signal
P170100	Transmission control unit locked
P170200	Malfunction cannot perform contr. mod. replace function since another malfunction with equal priority is present
P170300	Limp home, control unit reset
P170400	Kick Down Switch -F8 Electrical malfunction in circuit
P170500	Gear/ratio monitoring adaptation limit reached
P170600	Gearbox faulty
P170700	Malfunction in Mechatronic unit
P170800	Engine Control Modules (ECM) swapped
P170900	Gear position switch 1-3 Voltage too high
P170A00	Hill holder Incline limit exceeded
P170B00	Hill holder Malfunction
P170C00	Gear position switch 5-7 Voltage too high
P170D00	Gear position switch 5-7 Voltage too low
P170E00	Gear position switch 5-7 Signal error
P170F00	Gear position switch 6-4 Voltage too high
P171000	Gear position switch 6-4 Voltage too low
P171100	Wheel speed signal 1=>Left Front ABS Wheel Speed Sensor -G47 Implausible signal
P171200	Gear position switch R-2 Voltage too high
P171300	Gear position switch R-2 Voltage too low
P171400	Gear position switch R-2 Signal error
P171500	Gear position switch 6-4 Signal error
P171600	Wheel speed signal 2=>Right Front ABS Wheel Speed Sensor -G45 Implausible signal
P171700	Gear position switch 1-3 Voltage too low
P171800	Gear position switch 1-3 Signal error
P171900	Function restriction by engine control module
P171A00	Ignition key removal lock Open circuit
P171B00	Ignition key removal lock Short circuit to B+
P171C00	Ignition key removal lock Short circuit to ground
P171D00	Ignition key removal lock Electrical malfunction
P171E00	Transmission Input Speed (RPM) Sensor 2 No signal
P171F00	Transmission Input Speed (RPM) Sensor 2 Implausible signal
P172000	Transmission output speed 1 Implausible signal
P172100	Wheel speed signal 3=>Left Rear ABS Wheel Speed Sensor -G46 Implausible signal
P172200	Transmission output speed 2 Implausible signal
P172300	Signal for starter lock Open circuit
P172400	Signal for starter lock Short circuit to ground
P172500	Compare transmission output speeds 1 + 2 Implausible signal
P172600	Wheel speed signal 4=>Right Rear ABS Wheel Speed Sensor -G44 Implausible signal
P172700	Transmission Driving direction implausible
P172800	Differing wheel speeds Implausible signal
P172900	Signal for starter lock Short circuit to B+
P172A00	Clutch adjuster valve Open circuit
P172B00	Clutch adjuster valve Short circuit to ground
P172C00	Clutch adjuster valve Short circuit to B+
P172D00	Clutch adjuster valve Electrical malfunction
P172E00	Switch actuator Mechanical malfunction
P172F00	Gear Position Distance Sensor 1 for gear selector Electrical malfunction
P173000	Gear Position Distance Sensor 2 for gear selector Electrical malfunction
P173100	Gear Position Distance Sensor 3 for gear selector Electrical malfunction

P-Code	P-Code Text
P173200	Gear Position Distance Sensor 4 for gear selector Electrical malfunction
P173300	Tiptronic Switch, return F189 Short circuit to ground
P173400	Starter release from the selector lever sensor system
P173500	Position sensor for clutch 1 Electrical malfunction
P173600	Position sensor for clutch 2 Electrical malfunction
P173700	Transmission hydraulic pressure sensor 1 Open circuit/short circuit to B+
P173800	Transmission hydraulic pressure sensor 2 Open circuit/short circuit to B+
P173900	Tiptronic Switch, up F189 Short circuit to ground
P173A00	Gear Position Distance Sensor 1 for gear selector Implausible signal
P173B00	Gear Position Distance Sensor 2 for gear selector Implausible signal
P173C00	Gear Position Distance Sensor 3 for gear selector Implausible signal
P173D00	Gear Position Distance Sensor 4 for gear selector Implausible signal
P173E00	Valve 1 in partial transmission 1 Electrical malfunction
P173F00	Valve 2 in partial transmission 1 Electrical malfunction
P174000	Clutch temperature monitoring
P174100	Clutch pressure adaptation at limit
P174200	Clutch torque adaptation, adaptation limit reached
P174300	Clutch slip monitoring Signal too high
P174400	Tiptronic Switch -F189-, recognition Short circuit to ground
P174500	Solenoid valve supply voltage Short circuit to B+
P174600	Solenoid valve supply voltage Electrical malfunction in circuit
P174700	Solenoid valve supply voltage Open circuit/short circuit to ground
P174800	Control module defective
P174900	Automatic transmission control module incorrect code
P174A00	Valve 3 in partial transmission 1 Electrical malfunction
P174B00	Valve 4 in partial transmission 1 Electrical malfunction
P174C00	Valve 1 in partial transmission 2 Electrical malfunction
P174D00	Valve 2 in partial transmission 2 Electrical malfunction
P174E00	Valve 3 in partial transmission 2 Electrical malfunction
P174F00	Valve 4 in partial transmission 2 Electrical malfunction
P175000	Voltage supply Voltage too low
P175100	Voltage supply Voltage too high
P175200	Voltage supply Implausible signal
P175300	Tiptronic Switch -F189- Implausible signal
P175400	Tiptronic Switch, up F189 Open circuit/short circuit to B+
P175500	Tiptronic Switch, return F189 Open circuit/short circuit to B+
P175600	Tiptronic Switch -F189-, recognition Open circuit/short circuit to B+
P175700	Voltage supply Open circuit
P175800	Terminal 15 voltage supply Open circuit
P175900	Transmission fluid temperature Exceeded multiple times
P175A00	Actuator gear control unit partial transmission 1 Tolerance limit reached
P175B00	Actuator gear control unit partial transmission 2 Tolerance limit reached
P175C00	Actuator dual clutch Tolerance limits reached
P175D00	Clutch 1 opens unintentionally
P175E00	Clutch 1 closes unintentionally
P175F00	Transmission system Basic settings not carried out
P176000	Shift lock=>solenoid -N110 Electrical malfunction in circuit
P176100	Shift lock=>solenoid -N110 Short circuit to ground
P176200	Shift lock=>solenoid -N110 Short circuit to B+
P176300	Shift lock=>solenoid -N110 Open circuit
P176400	Transmission temperature monitoring
P176500	Hydraulic pressure sensor 2 -G194 adaptation limit reached
P176600	Throttle valve signal from engine CM Open circuit/short circuit to B+
P176700	Throttle valve signal from engine CM Short circuit to ground
P176800	Hydraulic pressure sensor 2 -G194 Signal too high
P176900	Hydraulic pressure sensor 2 -G194 Signal too low
P176A00	Gear selector 1 cannot be regulated
P176B00	Gear selector 2 cannot be regulated
P176C00	Gear selector 3 cannot be regulated
P176D00	Gear selector 4 cannot be regulated

P-Code	P-Code Text
P176E00	Clutch 2 opens unintentionally
P176F00	Clutch 2 closes unintentionally
P177000	Load signal from engine CM Implausible signal
P177100	Load signal from engine CM Open circuit/short circuit to B+
P177200	Load signal from engine CM Short circuit to ground
P177300	Hydraulic pressure sensor 1 -G193 Signal too high
P177400	Hydraulic pressure sensor 1 -G193 Signal too low
P177500	Hydraulic pressure sensor 1 -G193 adaptation limit reached
P177600	Hydraulic pressure sensor 1 -G193 Implausible signal
P177700	Hydraulic pressure sensor 2 -G194 Implausible signal
P177800	Valve 7 Electrical malfunction in circuit
P177900	Transmission input shaft 1 Overspeed
P177A00	Transmission input shaft 2 Overspeed
P177B00	Coupling 1 Tolerance limit reached
P177C00	Coupling 2 Tolerance limit reached
P177D00	Dual clutch Torque too high
P177E00	Function restriction due to pressure drop
P177F00	Hydraulic pump motor Insuff. voltage
P178000	Torque withdrawal faulty
P178100	Torque reduction signal Open circuit/short circuit to ground
P178200	Torque reduction signal Short circuit to B+
P178300	Clutch torque adaptation 2 adaptation limit reached
P178400	Up/down shift wire Open circuit/short circuit to ground
P178500	Up/down shift wire Short circuit to B+
P178600	Reversing light signal Open circuit
P178700	Reversing light signal Short circuit to ground
P178800	Reversing light signal Short circuit to B+
P178900	Idling speed adjustment Error Message from Engine CM
P178A00	Hydraulic pump Electrical malfunction
P178B00	Hydraulic pump Implausible behavior
P178C00	Clutch 1 to clutch 2 Implausible
P178D00	Synchronizer ring Wear
P178E00	Function limitation due to excessive temperature
P178F00	Pressure control valve soiled
P179000	Signal for selector range display Open circuit
P179100	Signal for selector range display Short circuit to ground
P179200	Signal for selector range display Short circuit to B+
P179300	Transmission output speed sensor 2-G196 No signal
P179400	Selector lever Incorrect usage
P179500	Signal for driving speed Open circuit
P179600	Signal for driving speed Short circuit to ground
P179700	Signal for driving speed Short circuit to B+
P179800	Transmission output speed sensor 2-G196 Implausible signal
P179900	Transmission output speed sensor 2-G196 RPM too High
P179A00	Gear selector valve Electrical malfunction
P179B00	Partial transmission valve Electrical malfunction
P179C00	Main pressure valve Electrical malfunction
P179D00	Cooling oil valve Electrical malfunction
P179E00	Sensor for transmission range Electrical malfunction
P179F00	Sensor for transmission range Malfunction
P17A000	Accumulator 1 temperature monitoring
P17A100	Accumulator 2 temperature monitoring
P17A200	Differential fluid pressure monitoring
P17A300	Differential fluid temperature monitoring
P17A400	Transverse acceleration monitoring
P17A500	Longitudinal acceleration monitoring
P17A600	Selector lever position P position1
P17A700	Selector lever position P position2
P17A800	Gear selection valve 1 Open circuit
P17A900	Gear selection valve 1 Short circuit to ground



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P-Code	P-Code Text
P17AA00	Gear selection valve 1 Short circuit to B+
P17AB00	Gear selection valve 1 Electrical malfunction
P17AC00	Gear selection valve 2 Open circuit
P17AD00	Gear selection valve 2 Short circuit to ground
P17AE00	Gear selection valve 2 Short circuit to B+
P17AF00	Gear selection valve 2 Electrical malfunction
P17B000	Gear selection valve 3 Open circuit
P17B100	Gear selection valve 3 Short circuit to ground
P17B200	Gear selection valve 3 Short circuit to B+
P17B300	Gear selection valve 3 Electrical malfunction
P17B400	Gear selection valve 4 Open circuit
P17B500	Gear selection valve 4 Short circuit to ground
P17B600	Gear selection valve 4 Short circuit to B+
P17B700	Gear selection valve 4 Electrical malfunction
P17B800	Gear recognition sensor 1 Implausible signal
P17B900	Gear recognition sensor 1 Signal too low
P17BA00	Gear recognition sensor 1 Signal too high
P17BB00	Gear recognition sensor 2 Implausible signal
P17BC00	Gear recognition sensor 2 Signal too low
P17BD00	Gear recognition sensor 2 Signal too high
P17BE00	Hydraulic pump excess temperature
P17BF00	Hydraulic pump Play protection
P17C000	Sport program button Open circuit
P17C100	Selector lever position display unit Electrical malfunction
P17C200	Selector lever position display unit Supply voltage
P17C300	Selector lever Faulty
P17C400	Selector lever position display unit Faulty
P17C500	Selector lever Implausible signal
P17C600	Clutch valve Electrical malfunction
P17C700	Transmission Input Speed (RPM) Sensor 3 Electrical malfunction in circuit
P17C800	Transmission Input Speed (RPM) Sensor 3 Implausible signal
P17C900	Transmission Input Speed (RPM) Sensor 3 No signal
P17CA00	Basic calibration Data implausible
P17CB00	Clutch valve Faulty
P17CC00	Clutch valve 2 Faulty
P17CD00	Coupling 1 Drag torque too high
P17CE00	Coupling 2 Drag torque too high
P17CF00	Coupling 1 Slip too great
P17D000	Coupling 2 Slip too great
P17D100	Coupling 1 Pressure upper limit exceeded
P17D200	Coupling 2 Pressure upper limit exceeded
P17D300	Electrohydraulic control unit Characteristic curve deviation
P17D400	Valve 3 in partial transmission 1 mechanical malfunction
P17D500	Valve 3 in partial transmission 2 mechanical malfunction
P17D600	Coupling 1 Pressure too high
P17D700	Coupling 2 Pressure too high
P17D800	Torque limitation due to clutch temperature
P17D900	Gear selector sensor Characteristic curve deviation
P17DA00	Gear position sensor 1 Implausible
P17DB00	Gear position sensor 2 Implausible
P17DC00	Gear position sensor 3 Implausible
P17DD00	Gear position sensor 4 Implausible
P17DE00	Gear Position Distance Sensors 1 and 3 Electrical malfunction
P17DF00	Gear Position Distance Sensors 2 and 4 Electrical malfunction
P17E000	Gear selector 1 mechanical malfunction
P17E100	Gear selector 2 mechanical malfunction
P17E200	Gear selector 3 mechanical malfunction
P17E300	Gear selector 4 mechanical malfunction
P17E400	Selector lever position display unit Short circuit to B+
P17E500	Selector lever position sensor mechanical malfunction

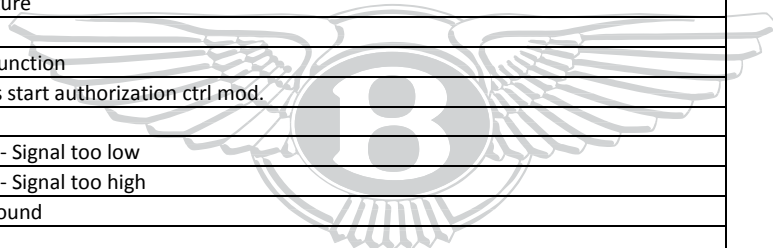
P-Code	P-Code Text
P17E600	Selector lever position sensor Implausible signal
P17E700	Selector lever position sensor Faulty
P17E800	Locking solenoid Electrical malfunction
P17E900	Locking solenoid Short circuit to B+
P17EA00	Locking solenoid Faulty
P17EB00	Unlock button Short circuit to ground
P17EC00	Unlock button Electrical malfunction
P17ED00	Unlock button sticks
P17EE00	Unlock button Implausible signal
P17F300	Solenoid for parking lock Short circuit to B+
P17F400	Solenoid for parking lock Short circuit to ground
P17F500	Solenoid for parking lock Open circuit
P17F600	Solenoid for parking lock Electrical malfunction
P17F700	Sensor for parking lock Implausible signal
P17F800	Sensor for parking lock Electrical malfunction
P17F900	Parking lock mechanical malfunction
P17FA00	Pressure control valve 8 Electrical malfunction in circuit
P17FB00	Pressure control valve 8 Open circuit
P17FC00	Pressure control valve 8 Open circuit/short circuit to ground
P17FD00	Pressure control valve 8 Short circuit to B+
P17FF00	Parking lock Play protection
P180000	Hydraulic Actuator Valve -N331- Electrical malfunction in circuit
P180100	Signal buzzer activation Short circuit to B+
P180200	Clutch pedal switch -F194 Implausible signal
P180300	Planetary post-switch stage mechanical malfunction
P180400	Hydraulic Actuator Range Sensor -G302 Electrical malfunction in circuit
P180500	Hydraulic Actuator Range Sensor -G302 Upper limit exceeded
P180600	Hydraulic Actuator Range Sensor -G302 Lower limit not reached
P180700	Hydraulic Actuator Range Sensor -G302 no or incorrect basic setting/adaptation
P180800	Hydraulic Actuator Range Sensor -G302 Implausible signal
P180900	Low Range Hydraulic Pump -V190 Electrical malfunction in circuit
P180A00	Gear selector 1 Leaving Neutral not allowed
P180B00	Gear selector 2 Leaving Neutral not allowed
P180C00	Gear selector 3 Leaving Neutral not allowed
P180D00	Gear selector 4 Leaving Neutral not allowed
P180E00	Position sensor for clutch 1 Implausible signal
P180F00	Position sensor for clutch 2 Implausible signal
P181000	8th Gear Incorrect Ratio
P181100	Torque converter lock-up clutch Excessive temperature preliminary stage reached
P181200	Torque converter lock-up clutch Excessive temperature preliminary stage exceeded
P181300	Pressure control valve 1 - N215 Electrical malfunction in circuit
P181400	Pressure control valve 1 - N215 Open circuit/short circuit to ground
P181500	Pressure control valve 1 - N215 Short circuit to B+
P181600	Motor for auxiliary hydraulic pump for transmission oil excess temperature
P181700	Temp sensor for aux hydraulic pump for transm oil excess temperature
P181800	Pressure control valve 2 - N216 Electrical malfunction in circuit
P181900	Pressure control valve 2 - N216 Open circuit/short circuit to ground
P181A00	Hydraulics Faulty
P181B00	Gear recognition sensor Electrical malfunction
P181C00	Gear recognition sensor Implausible signal
P181D00	Gear recognition sensor Error
P181E00	Gear recognition sensor Gear position implausible
P181F00	Activation of aux hydraulic pump for transm oil Excessive coil temperature
P182000	Pressure control valve 2 - N216 Short circuit to B+
P182100	Forced cooling/emergency cooling active
P182300	Pressure control valve 3 - N217 Electrical malfunction in circuit
P182400	Pressure control valve 3 - N217 Open circuit/short circuit to ground
P182500	Pressure control valve 3 - N217 Short circuit to B+
P182800	Pressure control valve 4 - N218 Electrical malfunction in circuit
P182900	Pressure control valve 4 - N218 Open circuit/short circuit to ground

P-Code	P-Code Text
P182A00	Clutch status Signal too low
P182B00	Clutch status Signal too high
P182C00	Fuel shutoff via transmission Open circuit/short circuit to Ground (GND)
P182D00	Fuel shutoff via transmission Short circuit to B+
P183000	Pressure control valve 4 - N218 Short circuit to B+
P183300	Pressure control valve 5 - N233 Electrical malfunction in circuit
P183400	Pressure control valve 5 - N233 Open circuit/short circuit to ground
P183500	Pressure control valve 5 - N233 Short circuit to B+
P183800	Pressure control valve 6 - N371 Electrical malfunction in circuit
P183900	Pressure control valve 6 - N371 Open circuit/short circuit to ground
P183A00	Torque request to engine implausible
P183B00	Speed request to engine implausible
P183C00	Clutch activation implausible
P184000	Pressure control valve 6 - N371 Short circuit to B+
P184100	Engine control module/Transmission Control Module (TCM) Versions not compatible
P184200	Read DTC memory of instrument cluster
P184300	Read DTC memory of distance control CM
P184400	Read DTC memory of electronic ZE
P184500	Read DTC memory of Steering Column Electronic Systems Control Module -J527-
P184700	Read DTC memory of ABS CM
P184800	Read DTC memory of engine CM
P184900	Read DTC memory of transmission CM
P184A00	Main pressure adaptation Offset upper limit exceeded
P184B00	Main pressure adaptation Malfunction
P184F00	Hybrid data bus Implausible Message from Engine CM
P185000	Databus drivetrain Missing Message from Engine CM
P185100	Databus drivetrain missing message from ABS control module
P185200	Databus drivetrain Implausible Message from Engine CM
P185300	Databus drivetrain Implausible message from ABS control module
P185400	Databus drivetrain Faulty
P185500	Databus drivetrain Software version monitoring
P185600	Throttle valve potentiometer -G69- Error Message from Engine CM
P185700	Load Signal Error Message from Engine CM
P185800	Engine Speed from engine CM Error Message from Engine CM
P185900	Brake light switch -F Error Message from Engine CM
P186000	Kick Down Switch -F8 Error Message from Engine CM
P186100	Accelerator position sensor-G79 Malfunction message from engine CM
P186200	Databus drivetrain missing message from instrument cluster
P186300	Databus drivetrain missing message from steering angle sensor
P186400	Databus drivetrain Missing message from ADR control module
P186500	Databus drivetrain missing message from electronic ZE
P186600	Databus drivetrain missing messages
P186700	Databus drivetrain missing message from steering columns electronics -J527-
P186800	Left transmission mount valve -N262 Short circuit to B+
P186900	Left transmission mount valve -N262 Short circuit to ground
P187000	Left transmission mount valve -N262 Open circuit
P187100	Right transmission mount valve -N263 Short circuit to B+
P187200	Right transmission mount valve -N263 Short circuit to ground
P187300	Right transmission mount valve -N263 Open circuit
P187400	Valve for torque support mount Short circuit to B+
P187500	Valve for torque support mount Short circuit to ground
P187600	Valve for torque support mount Open circuit
P187700	Transmission cooling circuit relay-J696 Open circuit
P187800	Transmission cooling circuit relay-J696 Short circuit to B+
P187900	Transmission cooling circuit relay-J696 Short circuit to ground
P188000	Data bus missing message from Diagnostic Interface CM
P188100	Target acceleration signal missing message
P188200	Databus drivetrain missing message from electrical parking brake system CM
P188300	Starter lock signal (P/N) Implausible signal
P188400	Reversing light signal Short circuit to ground

P-Code	P-Code Text
P188500	Reversing light signal Short circuit to B+
P188600	Reversing light signal Open circuit
P188700	Vehicle Speed Signal wheel speed from brake control module Implausible signal
P188800	Coolant shut-off valve -N82 Short circuit to B+
P188900	Coolant shut-off valve -N82 Short circuit to ground/open circuit
P188A00	Coolant shut-off valve Electrical malfunction
P189000	Signal wire for Tiptronic Electrical malfunction
P189100	Signal wire for Tiptronic Implausible signal
P189200	Selector lever position detection Faulty
P189300	Signal wire for gear display in selector lever Electrical malfunction
P189400	Signal wire for gear display in selector lever Implausible signal
P189500	Function restriction due to pressure drop
P189600	Coupling 1 Temperature shock
P189700	Coupling 2 Temperature shock
P189800	Coupling 1 Function restriction
P189900	Coupling 2 Function restriction
P189A00	Coupling 1 Clearance too small
P189B00	Coupling 2 Clearance too small
P189C00	Function restriction due to insufficient pressure build-up
P18A200	Wheel set mechanical malfunction
P190000	Fan 2 control circuit Open circuit/short circuit to ground
P190100	After-Run Coolant Fan Control (FC) Control Module -J138- Short circuit to B+
P190200	After-Run Coolant Fan Control (FC) Control Module -J138- Open circuit/short circuit to ground
P190300	Coolant Fan Valve -N313- Short circuit to B+
P190400	Coolant Fan Valve -N313- Open circuit/short circuit to ground
P190500	Charge Air Cooling Pump Relay -J536- Short circuit to B+
P190600	Charge Air Cooling Pump Relay -J536- Open circuit/short circuit to ground
P190700	Engine data bus/engine Faulty
P190800	Engine data bus/engine Software version monitoring
P190900	Engine data bus/engine Missing message from Engine Control Module (ECM) 1
P190A00	Coolant pump for charge pressure cooler Electrical malfunction
P190B00	Coolant pump for charge pressure cooler Temperature shut-off
P190C00	Coolant pump for charge pressure cooler No signal
P190D00	Coolant pump for charge pressure cooler Mechanical malfunction
P190E00	Coolant pump for charge pressure cooler Supply voltage
P190F00	Coolant pump for charge pressure cooler Electrical malfunction in load circuit
P191000	Engine data bus/engine Missing message from Engine Control Module (ECM) 2
P191100	Synchronization wire engine/engine Electrical malfunction in circuit
P191200	Pressure sensor for brake booster Open circuit/short circuit to B+
P191300	Pressure sensor for brake booster Short circuit to ground
P191400	Pressure sensor for brake booster Implausible signal
P191500	Coolant Circulation Pump Relay -J151 Short circuit to B+
P191600	Coolant Circulation Pump Relay -J151 Short circuit to ground
P191700	Coolant Circulation Pump Relay -J151 Open circuit
P191800	Load signal from alternator terminal DF Open circuit/short circuit to B+
P191900	Load signal from alternator terminal DF Short circuit to ground
P191A00	Loss of crankshaft synchronization
P191B00	Coolant fan control module Implausible signal
P191C00	Control module 2 for cooling fan Implausible signal
P191D00	Coolant pump for charge pressure cooler Implausible signal
P191E00	Actuator for structure-borne noise
P191F00	Pressure sensor for brake booster Electrical malfunction
P192000	L/R Electr-Hydr Eng. Mount Sol Valve -N144/N145 Open circuit/short circuit to ground
P192100	Outside Air Temperature Sensor 2 -G249- Short circuit to ground
P192200	Outside Air Temperature Sensor 2 -G249- Open circuit/short circuit to B+
P192300	Check DTC memory of Engine Control Module (ECM) 2
P192400	Control module pin coding Implausible signal
P192500	Auxiliary Engine Coolant (EC) Pump Relay Short circuit to B+
P192600	Auxiliary Engine Coolant (EC) Pump Relay Short circuit to ground
P192700	Auxiliary Engine Coolant (EC) Pump Relay Open circuit

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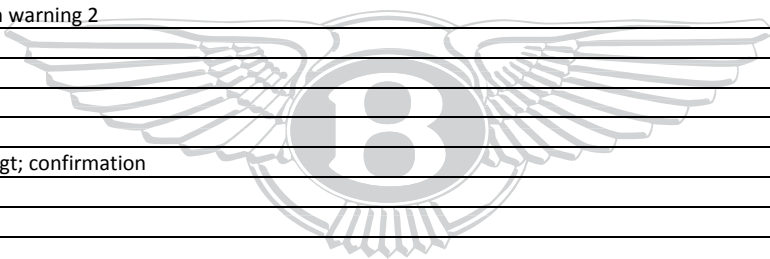
P-Code	P-Code Text
P192800	Immobilizer inquiry not yet performed
P192900	Radiator fan -V7 Open circuit
P192A00	Auxiliary coolant pump in HT circuit Dry running
P192B00	Auxiliary coolant pump in HT circuit mechanical malfunction
P192C00	Auxiliary coolant pump in HT circuit excess temperature
P192D00	Auxiliary coolant pump in LT circuit Dry running
P192E00	Auxiliary coolant pump in LT circuit mechanical malfunction
P192F00	Auxiliary coolant pump in LT circuit excess temperature
P193000	Coolant Fan 2-V177 Open circuit
P193100	Coolant Fan Control (FC) Control Module -J293 Malfunction
P193200	Databus drivetrain implausible message from access start authorization ctrl mod.
P193300	Throttle valve control 2 Malfunction
P193400	Drive Circuit Cooling Fan Temperature Sensor -G382- Signal too low
P193500	Drive Circuit Cooling Fan Temperature Sensor -G382- Signal too high
P193600	Generator switch off Open circuit/short circuit to ground
P193700	Generator switch off Short circuit to B+
P193800	Auxiliary Engine Coolant (EC) Pump Relay -J496 Open circuit/short circuit to ground
P193900	Databus drivetrain missing message from access start authorization ctrl module
P193A00	Actuator for structure-borne noise Open circuit
P193B00	Actuator for structure-borne noise Electrical malfunction
P193C00	Structure-borne noise control module excess temperature
P194000	Databus drivetrain missing message from battery monitoring control module
P194100	Databus drivetrain implausible message from battery monitoring control module
P194200	Databus drivetrain missing message from level control system control module
P194300	Databus drivetrain implausible message from level control system control module
P194400	Control module 1 for cooling fan excess temperature
P194500	Coolant Fan Control (FC) Control Module 1, fan activation Short circuit
P194600	Control module 1 for cooling fan Faulty/open circuit in voltage supply
P194700	Control module 2 for cooling fan excess temperature
P194800	Coolant Fan Control (FC) Control Module 2, fan activation Short circuit
P194900	Control module 2 for cooling fan Faulty/open circuit in voltage supply
P194A00	Coolant pump RPM too High
P194B00	Coolant pump locked
P194C00	Coolant pump Overheated
P194D00	Coolant pump Engine speed too low
P195000	Radiator fan -V7 difficulty of movement/blocked
P195100	Coolant Fan 2-V177 difficulty of movement/blocked
P195200	Turbocharger (TC) control module 1 Faulty
P195300	Turbocharger (TC) control module 2 Faulty
P195400	Automatic glow time control relay 2, glow current circuit Electrical malfunction in circuit
P195500	Glow Time Control Module 2 -J703 Implausible signal
P195600	Sensor 2 for exhaust gas temperature bank 1 Electrical malfunction
P195700	Sensor 2 for exhaust gas temperature bank 1 Short circuit to ground
P195800	Sensor 2 for exhaust gas temperature bank 1 Short circuit to B+
P195900	Sensor 2 for exhaust gas temperature bank 1 Implausible signal
P196000	Exhaust temperature control circuit exhaust bank 3 Value above upper control limit
P196100	Exhaust temperature sensor 2 bank 2 - G449 Electrical malfunction
P196200	Exhaust temperature sensor 2 bank 2 - G449 Short circuit to ground
P196300	Exhaust temperature sensor 2 bank 2 - G449 Short circuit to B+
P196400	Exhaust temperature sensor 2 bank 2 - G449 Implausible signal
P196500	Exhaust temperature control circuit exhaust bank 4 Value above upper control limit
P196600	Secondary air inj pump relay 3-J704 Open circuit
P196700	Secondary air inj pump relay 3-J704 Short circuit to B+
P196800	Secondary air inj pump relay 3-J704 Short circuit to ground
P196900	Secondary air inj pump relay 3-J704 Electrical malfunction in circuit
P197000	Secondary air inj pump relay 4 -J705 Open circuit
P197100	Secondary air inj pump relay 4 -J705 Short circuit to B+
P197200	Secondary air inj pump relay 4 -J705 Short circuit to ground
P197300	Secondary air inj pump relay 4 -J705 Electrical malfunction in circuit
P197400	Secondary air injection solenoid valve 3 -N384 Electrical malfunction in circuit



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P-Code	P-Code Text
P197500	Secondary air injection solenoid valve 3 -N384 Short circuit to ground
P197600	Secondary air injection solenoid valve 3 -N384 Short circuit to B+
P197700	Secondary air injection solenoid valve 3 -N384 Open circuit
P197800	Secondary air injection solenoid valve 4 -N385 Electrical malfunction in circuit
P197900	Secondary air injection solenoid valve 4 -N385 Short circuit to ground
P197A00	Secondary air injection solenoid valve 3 -N384 mechanical malfunction
P197B00	Secondary air injection solenoid valve 4 -N385 mechanical malfunction
P197C00	Secondary air injection bank 1 and bank 2 swapped
P198000	Secondary air injection solenoid valve 4 -N385 Short circuit to B+
P198100	Secondary air injection solenoid valve 4 -N385 Open circuit
P198200	Exhaust temperature control circuit exhaust bank 3 Implausible
P198300	Exhaust temperature control circuit exhaust bank 4 Implausible
P198400	Coolant fan 3-V284 difficulty of movement/blocked
P198500	Coolant fan control module 2-J671 Malfunction
P198600	Coolant Fan Control (FC) Control Module 3, fan activation Short circuit
P198700	Function restriction due to brake temperature
P198800	Relay for coolant fan 3 Open circuit
P198900	Relay for coolant fan 3 Short circuit to B+
P199000	Relay for coolant fan 3 Short circuit to ground
P199100	Control module defective
P199200	Potentiometer 2 for EGR -G466- Error in basic setting
P199300	Potentiometer 2 for EGR -G466- Signal too high
P199400	Potentiometer 2 for EGR -G466- Signal too low
P199500	Door open signal Not recognized
P199600	Friction too high Code E1
P199700	Friction too high Code A1
P199800	Friction too high Code E2
P199900	Friction too high Code E2
P199A00	Temperature sensor for engine temperature management Signal too high
P199B00	Temperature sensor for engine temperature management Signal too low
P199C00	Thermostat for cylinder head Short circuit to B+
P199D00	Thermostat for cylinder head Short circuit to ground
P199E00	Thermostat for cylinder head Open circuit
P199F00	Actuation thermostat control for cylinder head excess temperature
P19A000	Thermostat for transmission Short circuit to B+
P19A100	Thermostat for transmission Short circuit to ground
P19A200	Thermostat for transmission Open circuit
P19A300	Actuation thermostat for transmission excess temperature
P19A400	Engine temperature management actuator Short circuit to B+
P19A500	Engine temperature management actuator Short circuit to ground
P19A600	Engine temperature management actuator Open circuit
P1A0100	Crash signal monitoring failed
P1A0200	Hybrid battery system Insulation malfunction warning 1
P1A0300	Hybrid battery system Insulation malfunction warning 2
P1A0400	Hybrid battery fan 1 Insuff. voltage
P1A0500	Hybrid battery fan 1 Excess voltage
P1A0600	Hybrid battery fan 1 excess temperature
P1A0700	Hybrid battery fan 1 Overcurrent
P1AFE00	Next output Diagnostic Test Mode (DTM) --> confirmation
P1AFF00	Output diagnostic test mode end
P1B0000	Generator Mechanical malfunction
P1B0100	Generator Electrical malfunction
P1B0200	Control unit for battery monitoring Faulty
P1B0300	Locking electronics solenoid Short circuit to ground
P1B0400	Locking electronics solenoid Short circuit to B+
P1B0500	Locking electronics solenoid Open circuit
P1B0600	Locking electronics solenoid Resistance too low
P1B0700	Locking electronics solenoid Short circuit between coil A and B
P1B0800	Locking electronics switch Short circuit to ground
P1B0900	Locking electronics sensor Short circuit to ground



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P-Code	P-Code Text
P1B0A00	Locking electronics sensor Faulty
P1B0B00	Locking electronics sensor Open circuit/short circuit to B+
P1B0C00	Lock hardware Mechanical malfunction
P1B0D00	Locking electronics switch Short circuit to B+
P1B0E00	Air temperature sensor 3 for hybrid battery Short circuit to ground
P1B0F00	Air temperature sensor 3 for hybrid battery Short circuit to B+
P1B1000	Air temperature sensor 3 for hybrid battery Implausible signal
P1B1100	Air temperature sensor 4 for hybrid battery Short circuit to ground
P1B1200	Air temperature sensor 4 for hybrid battery Short circuit to B+
P1B1300	Air temperature sensor 4 for hybrid battery Implausible signal
P1B1400	Hybrid battery Insufficient cell voltage
P1B1500	Hybrid battery precharge resistance excess temperature
P1B1600	Charging hybrid battery No external charge detected
P1B1700	DC/DC step-up mode, high-voltage side Voltage too high
P1B1800	DC/DC step-up mode, high-voltage side Voltage too low
P1B1900	DC/DC step-up mode, low-voltage side Excess current
P1B1A00	DC/DC step-up mode, low-voltage side Voltage too high
P1B1B00	Wear limit of main protection reached
P1B1C00	Coolant pump Mechanical malfunction
P200000	NOx Adsorber Efficiency Bank 1 Below Threshold
P200200	Particulate Trap Bank 1 Efficiency Below Threshold
P200300	Particulate Trap Bank 2 Efficiency Below Threshold
P200400	Intake Manifold Runner Control Bank 1 Stuck Open
P200500	Intake Manifold Runner Control Bank 2 Stuck Open
P200600	Intake Manifold Runner Control Bank 1 Stuck Closed
P200700	Intake Manifold Runner Control Bank 2 Stuck Closed
P200800	Intake Manifold Runner Bank 1 Control Circuit/Open
P200900	Intake Manifold Runner Bank 1 Control Circuit Low
P200A00	Intake Manifold Runner Bank 1 Performance
P200B00	Intake Manifold Runner Bank 2 Performance
P201000	Intake Manifold Runner Bank 1 Control Circuit High
P201100	Intake Manifold Runner Bank 2 Control Circuit/Open
P201200	Intake Manifold Runner Bank 2 Control Circuit Low
P201300	Intake Manifold Runner Bank 2 Control Circuit High
P201400	Intake Manifold Runner Position Sensor/Switch Circuit
P201500	Intake Manifold Runner Position Sensor/Switch Circuit Range/Performance
P201600	Intake Manifold Runner Position Sensor/Switch Circuit Low
P201700	Intake Manifold Runner Position Sensor/Switch Circuit High
P201900	Intake Manifold Runner Position Sensor/Switch Circuit Bank 2
P202000	Intake Manifold Runner Pos. Sen./Switch Circuit Bank 2 Range/Performance
P202100	Intake Manifold Runner Pos. Sen./Switch Circuit Bank 2 Low
P202200	Intake Manifold Runner Pos. Sen./Switch Circuit Bank 2 High
P202400	Evaporative Emissions (EVAP) Fuel Vapor Temperature Sensor Circuit
P202500	Evaporative Emissions (EVAP) Fuel Vapor Temperature Sensor Performance
P202600	Evaporative Emissions (EVAP) Fuel Vapor Temperature Sensor Circuit Low Voltage
P202700	Evaporative Emissions (EVAP) Fuel Vapor Temperature Sensor Circuit High Voltage
P202A00	Reductant Tank Heater Control Circuit/Open
P202B00	Reductant Tank Heater Control Circuit Low
P202C00	Reductant Tank Heater Control Circuit High
P203100	Exhaust Gas Temperature Sensor 2, Bank 1 Circuit
P203200	Exhaust Gas Temperature Sensor 2, Bank 1 Circuit Low
P203300	Exhaust Gas Temperature Sensor 2, Bank 1 Circuit High
P203400	Exhaust Gas Temperature Sensor 2 Bank 2 Circuit
P203500	Exhaust Gas Temperature Sensor 2 Bank 2 Circuit Low
P203600	Exhaust Gas Temperature Sensor 2 Bank 2 Circuit High
P203A00	Reductant Level Sensor Circuit
P203B00	Reductant Level Sensor Circuit Range/Performance
P203C00	Reductant Level Sensor Circuit Low
P203D00	Reductant Level Sensor Circuit High
P204700	Reductant Injection Valve Circuit/Open Bank 1 Unit 1

P-Code	P-Code Text
P204800	Reductant Injection Valve Circuit Low Bank 1 Unit 1
P204900	Reductant Injection Valve Circuit High Bank 1 Unit 1
P204A00	Reductant Pressure Sensor Circuit
P204B00	Reductant Pressure Sensor Circuit Range/Performance
P204D00	Reductant Pressure Sensor Circuit High
P205A00	Reductant Tank Temperature Sensor Circuit
P205B00	Reductant Tank Temperature Sensor Circuit Range/Performance
P205C00	Reductant Tank Temperature Sensor Circuit Low
P207000	Intake Manifold Tuning (IMT) Valve Stuck Open
P207100	Intake Manifold Tuning (IMT) Valve Stuck Closed
P207300	Manifold Absolute Pressure/Mass Air Flow - Throttle Position Correlation at Idle
P207400	Manifold Absolute Pressure/Mass Air Flow - Throttle Position Correlation at Higher Load
P207500	Intake Manifold Tuning (IMT) Valve Position Sensor/Switch Circuit
P207600	Intake Manifold Tuning (IMT) Valve Position Sensor/Switch Circuit Range/Performance
P207700	Intake Manifold Tuning (IMT) Valve Position Sensor/Switch Circuit Low
P207800	Intake Manifold Tuning (IMT) Valve Position Sensor/Switch Circuit High
P207900	Intake Manifold Tuning (IMT) Valve Position Sensor/Switch Circuit Intermittent
P207F00	Reductant Quality Performance
P208000	Exhaust Gas Temperature Sensor Circuit Bank1 Range/Performance
P208200	Exhaust Gas Temperature Sensor Circuit Bank2 Range/Performance
P208400	Exhaust Gas Temperature Sensor 2 Circuit Range/Performance
P208600	Exhaust Gas Temperature Sensor 2 Circuit Bank 2 Range/Performance
P208800	"A" Camshaft Position Actuator Control Circuit Low - Bank 1
P208900	"A" Camshaft Position Actuator Control Circuit High - Bank 1
P208A00	Reductant Pump "A" Control Circuit/Open
P208B00	Reductant Pump "A" Control Range/Performance
P208C00	Reductant Pump "A" Control Circuit Low
P208D00	Reductant Pump "A" Control Circuit High
P208E00	Reductant Injection Valve Stuck Closed Bank 1 Unit 1
P209000	B Camshaft Position Actuator Control Circuit(Bank1) Low
P209100	B Camshaft Position Actuator Control Circuit(Bank1) High
P209200	A Camshaft Position Actuator Control Circuit(Bank2) Low
P209300	A Camshaft Position Actuator Control Circuit(Bank2) High
P209400	B Camshaft Position Actuator Control Circuit(Bank2) Low
P209500	B Camshaft Position Actuator Control Circuit(Bank2) High
P209600	Post Catalyst Fuel Trim System Bank1 Too Lean
P209700	Post Catalyst Fuel Trim System Bank 1 Too Rich
P209800	Post Catalyst Fuel Trim System Bank 2 Too Lean
P209900	Post Catalyst Fuel Trim System Bank2 Too Rich
P209F00	Reductant Tank Heater Control Circuit Performance
P20A000	Reductant Purge Control Valve Circuit /Open
P20A200	Reductant Purge Control Valve Circuit Low
P20A300	Reductant Purge Control Valve Circuit High
P20A500	Reductant Purge Control Valve Stuck Closed
P20B500	Reductant Metering Unit Heater Control Circuit/Open
P20B700	Reductant Metering Unit Heater Control Circuit Low
P20B800	Reductant Metering Unit Heater Control Circuit High
P20B900	Reductant Heater "A" Control Circuit/Open
P20BA00	Reductant Heater "A" Control Circuit Performance
P20BB00	Reductant Heater "A" Control Circuit Low
P20BC00	Reductant Heater "A" Control Circuit High
P20BD00	Reductant Heater "B" Control Circuit/Open
P20BE00	Reductant Heater "B" Control Circuit Performance
P20BF00	Reductant Heater "B" Control Circuit Low
P20C000	Reductant Heater "B" Control Circuit High
P20D800	Exhaust Aftertreatment Fuel Supply Control Performance
P20E800	Reductant Pressure Too Low
P20E900	Reductant Pressure Too High
P20EE00	SCR NOx Catalyst Efficiency Below Threshold Bank 1
P20F400	Reductant Consumption Too Low

P-Code	P-Code Text
P20F500	Reductant Consumption Too High
P20FF00	Reductant Control Module Performance
P210000	Throttle Actuator Control Motor Circuit/Open
P210100	Throttle Actuator Control Motor Circuit Range/performance
P210200	Throttle Actuator Control Motor Circuit Low
P210300	Throttle Actuator "A" Control Motor Circuit High
P210600	Throttle Actuator Control System Forced Limited Power
P210800	Throttle Actuator Control Module Performance
P210A00	Throttle Actuator "B" Control Motor Circuit/Open
P210B00	Throttle Actuator "B" Control Motor Circuit Range/Performance
P210C00	Throttle Actuator "B" Control Motor Circuit Low
P210D00	Throttle Actuator "B" Control Motor Circuit High
P211000	Throttle Actuator Control System - Forced Limited RPM
P211100	Throttle Actuator Control System - Stuck Open
P211200	Throttle Actuator Control System - Stuck closed
P211900	Throttle Actuator Control Throttle Body Range/Performance
P211C00	Throttle Actuator "B" Control Motor Current Range/Performance
P211D00	Throttle Actuator "B" Control Throttle Body Range/Performance
P211F00	Throttle Actuator "B" Control Module Performance
P212200	Throttle/Pedal Pos. Sens./Switch D Circuit Low Input
P212300	Throttle/Pedal Pos. Sens./Switch D Circuit High Input
P212700	Throttle/Pedal Pos. Sens./Switch E Circuit Low Input
P212800	Throttle/Pedal Pos. Sens./Switch E Circuit High Input
P212B00	Throttle Position Sensor/Switch "G" Circuit Range/Performance
P212C00	Throttle Position Sensor/Switch "G" Circuit Low
P212D00	Throttle Position Sensor/Switch "G" Circuit High
P212F00	Throttle/Pedal Position Sensor/Switch "F"/"G" Voltage Correlation
P213100	Throttle/Pedal Position Sensor/Switch "F" Circuit Range/Performance
P213200	Throttle/Pedal Position Sensor/Switch "F" Circuit Low
P213300	Throttle/Pedal Position Sensor/Switch "F" Circuit High
P213500	Throttle/Pedal Position Sensor/Switch "A"/"B" Voltage Correlation
P213800	Throttle/Pedal Position Sensor/Switch D/E Voltage Correlation
P214600	Fuel Injector Group "A" Supply Voltage Circuit Open
P214700	Fuel Injector Group "A" Supply Voltage Circuit Low
P214800	Fuel Injector Group "A" Supply Voltage Circuit High
P214900	Fuel Injector Group "B" Supply Voltage Circuit Open
P214E00	Reductant Pump "A" Current Too High
P214F00	Reductant Heater "A" Current Too High
P215000	Fuel Injector Group "B" Supply Voltage Circuit Low
P215100	Fuel Injector Group "B" Supply Voltage Circuit High
P215200	Fuel Injector Group "C" Supply Voltage Circuit/Open
P215300	Fuel Injector Group "C" Supply Voltage Circuit Low
P215400	Fuel Injector Group "C" Supply Voltage Circuit High
P215500	Fuel Injector Group "D" Supply Voltage Circuit/Open
P215600	Fuel Injector Group "D" Supply Voltage Circuit Low
P215700	Fuel Injector Group "D" Supply Voltage Circuit High
P215900	Vehicle Speed Sensor "B" Range/Performance
P215B00	Vehicle Speed - Output Shaft Speed Correlation
P215C00	Output Shaft Speed - Wheel Speed Correlation
P216200	Vehicle Speed Sensor "A"/"B" Correlation
P216A00	Fuel Injector Group "E" Supply Voltage Circuit/Open
P216B00	Fuel Injector Group "E" Supply Voltage Circuit/Low
P216C00	Fuel Injector Group "E" Supply Voltage Circuit/High
P216D00	Fuel Injector Group "F" Supply Voltage Circuit/Open
P216E00	Fuel Injector Group "F" Supply Voltage Circuit/Low
P216F00	Fuel Injector Group "F" Supply Voltage Circuit/High
P217300	Throttle Actuator Control System - High Airflow Detected
P217500	Throttle Actuator Control System - Low Airflow Detected
P217700	System too lean off idle, Bank 1
P217800	System too rich off idle, Bank 1

P-Code	P-Code Text
P217900	System too lean off idle, Bank 2
P217A00	Fuel Injector Group "G" Supply Voltage Circuit/Open
P217D00	Fuel Injector Group "H" Supply Voltage Circuit/Open
P218000	System too rich off idle, Bank 2
P218100	Cooling System Performance
P218300	Engine Coolant Temperature Sensor 2 Circuit Range/Performance
P218400	Engine Coolant Temperature Sensor 2 Circuit Low
P218500	Engine Coolant Temperature Sensor 2 Circuit High
P218700	System too lean at idle, Bank 1
P218800	System too rich at idle, Bank 1
P218900	System too lean at idle, Bank 2
P218A00	Throttle Actuator "B" Control System - Idle Position Not Learned
P219000	System too rich at idle, Bank 2
P219100	System Too Lean at Higher Load; Bank 1
P219200	System Too Rich at Higher Load; Bank 1
P219300	System Too Lean at Higher Load; Bank 2
P219400	System Too Rich at Higher Load; Bank 2
P219500	O2 Sensor Signal Stuck Lean Bank 1 Sensor 1
P219600	O2 Sensor Signal Stuck Rich Bank 1 Sensor 1
P219700	O2 Sensor Signal Stuck Lean Bank 2 Sensor 1
P219800	O2 Sensor Signal Stuck Rich Bank 2 Sensor 1
P219900	Intake Air Temperature Sensor 1/2 Correlation
P219A00	Bank 1 Air-Fuel Ratio Imbalance
P219B00	Bank 2 Air-Fuel Ratio Imbalance
P219C00	Cylinder 1 Air-Fuel Ratio Imbalance
P219D00	Cylinder 2 Air-Fuel Ratio Imbalance
P219E00	Cylinder 3 Air-Fuel Ratio Imbalance
P219F00	Cylinder 4 Air-Fuel Ratio Imbalance
P21A000	Cylinder 5 Air-Fuel Ratio Imbalance
P21A100	Cylinder 6 Air-Fuel Ratio Imbalance
P21A200	Cylinder 7 Air-Fuel Ratio Imbalance
P21A300	Cylinder 8 Air-Fuel Ratio Imbalance
P21A400	Cylinder 9 Air-Fuel Ratio Imbalance
P21A500	Cylinder 10 Air-Fuel Ratio Imbalance
P21A600	Cylinder 11 Air-Fuel Ratio Imbalance
P21A700	Cylinder 12 Air-Fuel Ratio Imbalance
P21C500	Reductant Level Sensor "A" Stuck
P21C700	Reductant Control Module Power Relay/Relays Control Circuit/Open
P21C900	Reductant Control Module Power Relay/Relays Control Circuit High
P21CA00	Reductant Control Module Supply Voltage Circuit
P21CC00	Reductant Control Module Supply Voltage High
P220000	NOx Sensor Bank 1 Sensor 1 Circuit
P220100	NOx Sensor Circuit Range/Performance Bank 1 Sensor 1
P220200	NOx Sensor Bank 1 Sensor 1 Circuit Low
P220300	NOx Sensor Bank 1 Sensor 1 Circuit High
P220900	NOx Sensor Heater Sense Bank 1 Sensor 1 Circuit Range/Performance
P220A00	NOx Sensor Supply Voltage Bank 1 Sensor 1 Circuit
P220B00	NOx Sensor Supply Voltage Bank 1 Sensor 2 Circuit
P222700	Barometric Pressure Circuit Range/Performance
P222800	Barometric Pressure Circuit Low
P222900	Barometric Pressure Circuit high
P223100	O2 Sensor Bank 1 Sensor 1 Signal Circuit Shorted to Heater Circuit
P223200	O2 Sensor Bank 1 Sensor 2 Signal Circuit Shorted to Heater Circuit
P223300	O2 Sensor Bank 1 Sensor 3 Signal Circuit Shorted to Heater Circuit
P223400	O2 Sensor Bank 2 Sensor 1 Signal Circuit Shorted to Heater Circuit
P223500	O2 Sensor Bank 2 Sensor 2 Signal Circuit Shorted to Heater Circuit
P223600	O2 Sensor Bank 2 Sensor 3 Signal Circuit Shorted to Heater Circuit
P223700	O2 Sensor Positive Current Control Circuit Bank 1 Sensor 1 Open
P223800	O2 Sensor Positive Current Control Circuit Bank 1 Sensor 1 Low
P223900	O2 Sensor Positive Current Control Circuit Bank 1 Sensor 1 High

P-Code	P-Code Text
P224000	O2 Sensor Positive Current Control Circuit Bank 2 Sensor 1 Open
P224100	O2 Sensor Positive Current Control Circuit Bank 2 Sensor 1 Low
P224200	O2 Sensor Positive Current Control Circuit Bank 2 Sensor 1 High
P224300	O2 Sensor Reference Voltage Circuit Bank 1 Sensor 1 Open
P224400	O2 Sensor Reference Voltage Bank 1 Sensor 1 Performance
P224500	O2 Sensor Reference Voltage Circuit Bank 1 Sensor 1 Low
P224600	O2 Sensor Reference Voltage Circuit Bank 1 Sensor 1 High
P224700	O2 Sensor Reference Voltage Circuit Bank 2 Sensor 1 Open
P224800	O2 Sensor Reference Voltage Bank 2 Sensor 1 Performance
P224900	O2 Sensor Reference Voltage Circuit Bank 2 Sensor 1 Low
P225000	O2 Sensor Reference Voltage Circuit Bank 2 Sensor 1 High
P225100	O2 Sensor Negative Current Control Circuit Bank 1 Sensor 1 open
P225200	O2 Sensor Negative Current Control Circuit Bank 1 Sensor 1 Low
P225300	O2 Sensor Negative Current Control Circuit Bank 1 Sensor 1 High
P225400	O2 Sensor Negative Current Control Circuit Bank 2 Sensor 1 open
P225500	O2 Sensor Negative Current Control Circuit Bank 2 Sensor 1 Low
P225600	O2 Sensor Negative Current Control Circuit Bank 2 Sensor 1 High
P225700	Secondary air injektion System Control "A" Circuit low
P225800	Secondary air injektion System Control "A" Circuit high
P225900	Secondary Air Injection System Control "B" Circuit Low
P226000	Secondary Air Injection System Control "B" Circuit High
P226100	Turbo Boost Pressure Not Detected Mechanical
P226200	Turbocharger/Supercharger Boost Pressure Not Detected Mechanical
P226300	Turbocharger/Supercharger Boost System Performance
P226B00	Turbocharger/Supercharger Boost Pressure Too High - Mechanical
P227000	O2 Sensor Signal Stuck Lean; Bank 1 Sensor 2
P227100	O2 Sensor Signal Stuck Rich; Bank 1 Sensor 2
P227200	O2 Sensor Signal Stuck Lean; Bank 2 Sensor 2
P227300	O2 Sensor Signal Stuck Rich; Bank 2 Sensor 2
P227400	O2 Sensor Signal Stuck Lean; Bank 1 Sensor 3
P227500	O2 Sensor Signal Stuck Rich; Bank 1 Sensor 3
P227600	O2 Sensor Signal Stuck Lean; Bank 2 Sensor 3
P227700	O2 Sensor Signal Stuck Rich; Bank 2 Sensor 3
P227800	O2 Sensor Signals Swapped Bank 1 Sensor 3 / Bank 2 Sensor 3
P227900	Intake Air System Leak
P228C00	Fuel Pressure Regulator 1 Exceeded Control Limits Pressure Too Low
P228D00	Fuel Pressure Regulator 1 Exceeded Control Limits Pressure Too High
P228E00	Fuel Pressure Regulator 1 Exceeded Learning Limits Too Low
P228F00	Fuel Pressure Regulator 1 Exceeded Learning Limits Too High
P229300	Fuel Pressure Regulator 2 Performance
P229400	Fuel Pressure Regulator 2 Control Circuit
P229500	Fuel Pressure Regulator 2 Control Circuit Low
P229600	Fuel Pressure Regulator 2 Control Circuit High
P229700	O2 Sensor Bank 1 Sensor 1 Out of Range During Deceleration
P229800	O2 Sensor Bank 2 Sensor 1 Out of Range During Deceleration
P229A00	Fuel Pressure Regulator 2 Exceeded Control Limits Pressure Too Low
P229B00	Fuel Pressure Regulator 2 Exceeded Control Limits Pressure Too High
P229E00	NOx Sensor Bank 1 Sensor 2 Circuit
P229F00	NOx Sensor Circuit Range/Performance Bank 1 Sensor 2
P22A000	NOx Sensor Bank 1 Sensor 2 Circuit Low
P22A100	NOx Sensor Bank 1 Sensor 2 Circuit High
P22A700	NOx Sensor Heater Sense Bank 1 Sensor 2 Circuit Range/Performance
P22C500	Turbocharger Compressor Outlet Valve Control Circuit/Open
P22C600	Turbocharger Compressor Outlet Valve Control Circuit Low
P22C700	Turbocharger Compressor Outlet Valve Control Circuit High
P22CF00	Turbocharger Turbine Inlet Valve Control Circuit/Open
P22D000	Turbocharger Turbine Inlet Valve Control Circuit Low
P22D100	Turbocharger Turbine Inlet Valve Control Circuit High
P22D200	Turbocharger Turbine Inlet Valve Stuck Open
P22D300	Turbocharger Turbine Inlet Valve Stuck Closed



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P-Code	P-Code Text
P22D400	Turbocharger Turbine Inlet Valve Position Sensor Circuit
P22D500	Turbocharger Turbine Inlet Valve Position Sensor Circuit Range/Performance
P22D600	Turbocharger Turbine Inlet Valve Position Sensor Circuit Low
P230000	Ignition Coil "A" Primary Control Circuit Low
P230100	Ignition Coil "A" Primary Control Circuit High
P230200	Ignition Coil "A" Secondary Circuit
P230300	Ignition Coil "B" Primary Control Circuit Low
P230400	Ignition Coil "B" Primary Control Circuit High
P230500	Ignition Coil "B" Secondary Circuit
P230600	Ignition Coil "C" Primary Control Circuit Low
P230700	Ignition Coil "C" Primary Control Circuit High
P230800	Ignition Coil "C" Secondary Circuit
P230900	Ignition Coil "D" Primary Control Circuit Low
P231000	Ignition Coil "D" Primary Control Circuit High
P231100	Ignition Coil "D" Secondary Circuit
P231200	Ignition Coil "E" Primary Control Circuit Low
P231300	Ignition Coil "E" Primary Control Circuit High
P231400	Ignition Coil "E" Secondary Circuit
P231500	Ignition Coil "F" Primary Control Circuit Low
P231600	Ignition Coil "F" Primary Control Circuit High
P231700	Ignition Coil "F" Secondary Circuit
P231800	Ignition Coil "G" Primary Control Circuit Low
P231900	Ignition Coil "G" Primary Control Circuit High
P232000	Ignition Coil "G" Secondary Circuit
P232100	Ignition Coil "H" Primary Control Circuit Low
P232200	Ignition Coil "H" Primary Control Circuit High
P232300	Ignition Coil "H" Secondary Circuit
P232400	Ignition Coil "I" Primary Control Circuit Low
P232500	Ignition Coil "I" Primary Control Circuit High
P232600	Ignition Coil "I" Secondary Circuit
P232700	Ignition Coil "J" Primary Control Circuit Low
P232800	Ignition Coil "J" Primary Control Circuit High
P232900	Ignition Coil "J" Secondary Circuit
P233000	Ignition Coil "K" Primary Control Circuit Low
P233100	Ignition Coil "K" Primary Control Circuit High
P233200	Ignition Coil "K" Secondary Circuit
P233300	Ignition Coil "L" Primary Control Circuit Low
P233400	Ignition Coil "L" Primary Control Circuit High
P233500	Ignition Coil "L" Secondary Circuit
P233600	Cylinder #1 Above Knock Threshold
P233700	Cylinder #2 Above Knock Threshold
P233800	Cylinder #3 Above Knock Threshold
P233900	Cylinder #4 Above Knock Threshold
P234000	Cylinder #5 Above Knock Threshold
P234100	Cylinder #6 Above Knock Threshold
P234200	Cylinder #7 Above Knock Threshold
P234300	Cylinder #8 Above Knock Threshold
P234400	Cylinder #9 Above Knock Threshold
P234500	Cylinder #10 Above Knock Threshold
P234600	Cylinder #11 Above Knock Threshold
P234700	Cylinder #12 Above Knock Threshold
P240000	Evaporative Emission System Leak Detection Pump Control Circuit/Open
P240100	Evaporative Emission System Leak Detection Pump Control Circuit Low
P240200	Evaporative Emission System Leak Detection Pump Control Circuit High
P240300	Evaporative Emission System Leak Detection Pump Sense Circuit/Open
P240400	Evaporative Emission System Leak Detection Pump Sense Circuit Range/Performance
P240700	Evaporative Emission System Leak Detection Pump Sense Circuit Intermittent/Erratic
P240A00	Evaporative Emission System Leak Detection Pump Heater Control Circuit/Open
P240B00	Evaporative Emission System Leak Detection Pump Heater Control Circuit Low
P240C00	Evaporative Emission System Leak Detection Pump Heater Control Circuit High

P-Code	P-Code Text
P240F00	Exhaust Gas Recirculation Slow Response
P241300	Exhaust Gas Recirculation System Performance
P241400	O2 Sensor Exhaust Sample Error, Bank 1 Sensor 1
P241500	O2 Sensor Exhaust Sample Error, Bank 2 Sensor 1
P241600	Oxygen Sensor Signals Swapped Bank 1 Sensor 2 / Bank 1 Sensor 3
P241700	Oxygen Sensor Signals Swapped Bank 2 Sensor 2 / Bank 2 Sensor 3
P242100	Evaporative Emission System Vent Valve Stuck Open
P242200	Evaporative Emission System Vent Valve Stuck Closed
P242300	HC Adsorption Catalyst Bank 1 Efficiency Below Threshold
P242500	Exhaust Gas Recirculation Cooling Valve Control Circuit Open
P242600	Exhaust Gas Recirculation Cooling Valve Control Circuit Low
P242700	Exhaust Gas Recirculation Cooling Valve Control Circuit High
P242800	Exhaust Gas Temperature Too High Bank1
P242900	Exhaust Gas Temperature Too High Bank2
P242A00	Exhaust Gas Temperature Sensor Circuit Bank 1 Sensor 3
P242B00	Exhaust Gas Temperature Sensor Circuit Bank 1 Sensor 3 Range/Performance
P242C00	Exhaust Gas Temperature Sensor Circuit Low Bank 1 Sensor 3
P242D00	Exhaust Gas Temperature Sensor Circuit High Bank 1 Sensor 3
P242F00	Diesel Particulate Filter Restriction - Ash Accumulation
P243000	Secondary Air Injection System Air Flow/Pressure Bank 1 Sensor Circuit
P243100	Secondary Air Injection System Air Flow/Pressure Bank 1 Sensor Circuit Range/Performance
P243200	Secondary Air Injection System Air Flow/Pressure Bank 1 Sensor Circuit Low
P243300	Secondary Air Injection System Air Flow/Pressure Bank 1 Sensor Circuit High
P243600	Secondary Air Injection System Air Flow/Pressure Bank 2 Sensor Circuit Range/Performance
P243700	Secondary Air Injection System Air Flow/Pressure Bank 2 Sensor Circuit Low
P243800	Secondary Air Injection System Air Flow/Pressure Bank 2 Sensor Circuit High
P243A00	Diesel Particulate Filter Restriction - Ash Accumulation
P244000	Secondary Air Injection System Switching Valve Stuck Open Bank1
P244200	Secondary Air Injection System Switching Valve Stuck Open Bank2
P244400	Secondary Air Injection System Pump Stuck On Bank 1
P244600	Secondary Air Injection System Pump Stuck On Bank 2
P244C00	Exhaust Temperature Too Low For Particulate Filter Regeneration Bank 1
P245000	Evaporative Emission System Switching Valve Performance/Stuck Open
P245200	Diesel Particulate Filter Differential Pressure Sensor Circuit
P245300	Diesel Particulate Filter Differential Pressure Sensor Circuit Range/Performance
P245400	Diesel Particulate Filter Differential Pressure Sensor Circuit Low
P245500	Diesel Particulate Filter Differential Pressure Sensor Circuit High
P245600	Diesel Particulate Filter Pressure Sensor "A" Circuit Intermittent/Erratic
P245700	Exhaust Gas Recirculation Cooler Efficiency Below Threshold
P245800	Diesel Particulate Filter Regeneration Duration
P245900	Diesel Particulate Filter Regeneration Frequency
P245B00	Exhaust Gas Recirculation Cooler Bypass Control Circuit Range/Performance
P245E00	Diesel Particulate Filter Pressure Sensor "B" Circuit
P245F00	Diesel Particulate Filter Pressure Sensor "B" Circuit Range/Performance
P246000	Diesel Particulate Filter Pressure Sensor "B" Circuit Low
P246300	Diesel Particulate Filter - Soot Accumulation
P246600	Exhaust Gas Temperature Sensor Circuit Bank 2 Sensor 3
P246700	Exhaust Gas Temperature Sensor Circuit Range/Performance Bank 2 Sensor 3
P246800	Exhaust Gas Temperature Sensor Circuit Low Bank 2 Sensor 3
P246E00	Exhaust Gas Temperature Sensor Circuit Bank 1 Sensor 4
P246F00	Exhaust Gas Temperature Sensor Circuit Bank 1 Sensor 4 Range/Performance
P247000	Exhaust Gas Temperature Sensor Circuit Low Bank 1 Sensor 4
P247100	Exhaust Gas Temperature Sensor Circuit High Bank 1 Sensor 4
P247300	Exhaust Gas Temperature Sensor Circuit Bank 2 Sensor 4
P247400	Exhaust Gas Temperature Sensor Circuit Bank 2 Sensor 4 Range/Performance
P247500	Exhaust Gas Temperature Sensor Circuit Low Bank 2 Sensor 4
P247600	Exhaust Gas Temperature Sensor Circuit High Bank 2 Sensor 4
P247800	Exhaust Gas Temperature Out of Range Bank 1 Sensor 1
P247A00	Exhaust Gas Temperature Out of Range Bank 1 Sensor 3
P24A300	Diesel Particulate Filter Restriction Soot Accumulation Bank 2

P-Code	P-Code Text
P251000	ECM/PCM Power Relay Sense Circuit Range/Performance
P251900	A/C Request "A" Circuit
P252000	A/C Request "A" Circuit Low
P252100	A/C Request "A" Circuit High
P253300	Ignition Switch Run/ Start Position Circuit
P253500	Ignition Switch Run/ Start Position Circuit High
P253600	Ignition Switch Accessory Position Circuit
P253900	Low Pressure Fuel System Sensor Circuit
P254000	Low Pressure Fuel System Sensor Circuit Range/Performance
P254100	Low Pressure Fuel System Sensor Circuit Low Input
P254200	Low Pressure Fuel System Sensor Circuit High Input
P254300	Low Pressure Fuel System Sensor Circuit Intermittent
P254500	Torque Management Request Input Signal "A" Range/Performance
P254F00	Engine Hood Switch Circuit
P255600	Engine Coolant Level Sensor/Switch Circuit
P255700	Engine Coolant Level Sensor/Switch Circuit Range/Performance
P256000	Engine Coolant Level Low
P256200	Turbocharger Boost Control Position Sensor "A" Circuit
P256300	Turbocharger Boost Control Position Sensor Circuit Range/Performance
P256400	Turbocharger Boost Control Position Sensor Circuit Low
P256500	Turbocharger Boost Control Position Sensor Circuit High
P256600	Turbocharger Boost Control Position Sensor Circuit Intermittent
P256800	Direct Ozone Reduction Catalyst Temperature Sensor Circuit Range/Performance
P256900	Direct Ozone Reduction Catalyst Temperature Sensor Circuit Low
P257000	Direct Ozone Reduction Catalyst Temperature Sensor Circuit High
P257800	Turbocharger Speed Sensor "A" Circuit
P257900	Turbocharger Speed Sensor "A" Circuit Range/Performance
P258000	Turbocharger Speed Sensor "A" Circuit Low
P258100	Turbocharger Speed Sensor "A" Circuit High
P258200	Turbocharger Speed Sensor "A" Circuit Intermittent
P258600	Turbocharger Boost Control Position Sensor "B" Circuit
P258700	Turbocharger Boost Control Position Sensor "B" Circuit Range/Performance
P258800	Turbocharger Boost Control Position Sensor "B" Circuit Low
P258900	Turbocharger Boost Control Position Sensor "B" Circuit High
P258A00	Vacuum Pump Control Circuit/Open
P258B00	Vacuum Pump Control Range/Performance
P258C00	Vacuum Pump Control Circuit Low
P258D00	Vacuum Pump Control Circuit High
P259300	Turbocharger Speed Sensor "B" Circuit
P259400	Turbocharger Speed Sensor "B" Circuit Range/Performance
P259500	Turbocharger Speed Sensor "B" Circuit Low
P259600	Turbocharger Speed Sensor "B" Circuit High
P259700	Turbocharger Speed Sensor "B" Circuit Intermittent
P25A900	Piston Cooling Oil Control Circuit/Open
P25AA00	Piston Cooling Oil Control Circuit Low
P25AB00	Piston Cooling Oil Control Circuit High
P260000	Coolant Pump Control Circuit open
P260100	Coolant Pump Control Circuit range/performance
P260200	Coolant Pump Control Circuit low
P260300	Coolant Pump Control Circuit high
P260500	Intake Air Heater "B" Circuit/Open
P260700	Intake Air Heater "B" Circuit Low
P260800	Intake Air Heater "B" Circuit High
P260E00	Diesel Particulate Filter Regeneration Lamp Control Circuit
P261000	ECM/PCM Internal Engine Off Timer Performance
P261200	A/C Refrigerant Distribution Valve Control Circuit Low
P261300	A/C Refrigerant Distribution Valve Control Circuit High
P261A00	Coolant Pump "B" Control Circuit/Open
P261B00	Coolant Pump "B" Control Circuit Range/Performance
P261C00	Coolant Pump "B" Control Circuit Low

P-Code	P-Code Text
P261D00	Coolant Pump "B" Control Circuit High
P262600	O2 Sensor Pumping Current Trim Circuit/Open Bank 1, Sensor 1
P262900	O2 Sensor Pumping Current Trim Circuit/Open Bank 2, Sensor 1
P263200	Fuel Pump "B" Control Circuit Open
P263300	Fuel Pump "B" Control Circuit Low
P263400	Fuel Pump "B" Control Circuit High
P263700	Torque Management Feedback Signal "A"
P267000	Actuator Supply Voltage "B" Circuit Low
P267100	Actuator Supply Voltage "B" Circuit High
P268100	Engine Coolant Bypass Valve Control Circuit/Open
P268200	Engine Coolant Bypass Valve Control Circuit Low
P268300	Engine Coolant Bypass Valve Control Circuit High
P268A00	Fuel Injector Calibration Not Learned/Programmed
P26A300	Engine Coolant Bypass Valve Range/Performance
P270000	Transmission Friction Element "A" Apply Time Range/Performance
P270100	Transmission Friction Element "B" Apply Time Range/Performance
P270200	Transmission Friction Element "C" Apply Time Range/Performance
P270300	Transmission Friction Element "D" Apply Time Range/Performance
P270400	Transmission Friction Element "E" Apply Time Range/Performance
P270500	Transmission Friction Element "F" Apply Time Range/Performance
P270800	Shift Solenoid F Stuck On
P270B00	Transmission Friction Element "B" Temperature Too High
P270F00	Transmission Friction Element "F" Temperature Too High
P271100	Unexpected Mechanical Gear Disengagement
P271400	Pressure Control Solenoid "D" Performance or Stuck Off
P271500	Pressure Control Solenoid "D" Stuck On
P271600	Pressure Control Solenoid "D" Electrical
P271700	Pressure Control Solenoid "D" Intermittent
P271900	Pressure Control Solenoid "D" Control Circuit Range/Performance
P272300	Pressure Control Solenoid "E" Performance or Stuck Off
P272400	Pressure Control Solenoid "E" Stuck On
P272500	Pressure Control Solenoid "E" Electrical
P272600	Pressure Control Solenoid "E" Intermittent
P272800	Pressure Control Solenoid "E" Control Circuit Range/Performance
P273200	Pressure Control Solenoid "F" Performance or Stuck Off
P273300	Pressure Control Solenoid "F" Stuck On
P273400	Pressure Control Solenoid "F" Electrical
P273500	Pressure Control Solenoid "F" Intermittent
P273700	Pressure Control Solenoid "F" Control Circuit Range/Performance
P274100	Transmission Fluid Temperature Sensor "B" Circuit Range/Performance
P275300	Transmission Fluid Cooler Control Circuit/Open
P275400	Transmission Fluid Cooler Control Circuit Low
P275500	Transmission Fluid Cooler Control Circuit High
P275700	Torque Converter Clutch Pressure Control Solenoid Control Circuit Performance/Stuck Off
P275800	Torque Converter Clutch Pressure Control Solenoid Control Circuit Stuck On
P275900	Torque Converter Clutch Pressure Control Solenoid Control Circuit Electrical
P276500	Input Turbine/Speed Sensor "B" Circuit
P276600	Input Turbine/Speed Sensor "B" Circuit Range/Performance
P276700	Input/Turbine Speed Sensor "B" Circuit No Signal
P277600	Upshift Switch Circuit Low
P277700	Upshift Switch Circuit High
P277800	Upshift Switch Circuit Intermittent/Erratic
P278000	Downshift Switch Circuit Low
P278100	Downshift Switch Circuit High
P278200	Downshift Switch Circuit Intermittent/Erratic
P278700	Clutch Temperature Too High
P278900	Clutch Adaptive Learning at Limit
P278B00	Kick Down Switch Circuit Range/Performance
P279300	Gear Shift Direction Circuit
P279600	Auxiliary Transmission Fluid Pump Control Circuit/Open

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P-Code	P-Code Text
P279700	Auxiliary Transmission Fluid Pump Performance
P279800	Auxiliary Transmission Fluid Pump Control Circuit Low
P279900	Auxiliary Transmission Fluid Pump Control Circuit High
P280100	Transmission Range Sensor "B" Circuit Range/Performance
P280400	Transmission Range Sensor "B" Circuit Intermittent
P280800	Pressure Control Solenoid "G" Performance/Stuck Off
P280A00	Transmission Range Sensor "A" Circuit Not Learned
P280B00	Transmission Range Sensor "B" Circuit Not Learned
P281000	Pressure Control Solenoid "G" Electrical
P281200	Pressure Control Solenoid "G" Control Circuit/Open
P281300	Pressure Control Solenoid "G" Control Circuit Range/Performance
P281400	Pressure Control Solenoid "G" Control Circuit Low
P281500	Pressure Control Solenoid "G" Control Circuit High
P281700	Pressure Control Solenoid "H" Performance/Stuck Off
P281B00	Pressure Control Solenoid "H" Control Circuit/Open
P281C00	Pressure Control Solenoid "H" Control Circuit Range/Performance
P281D00	Pressure Control Solenoid "H" Control Circuit Low
P281E00	Pressure Control Solenoid "H" Control Circuit High
P283200	Shift Fork "A" Position Circuit Range/Performance
P283300	Shift Fork "A" Position Circuit Low
P283400	Shift Fork "A" Position Circuit High
P283700	Shift Fork "B" Position Circuit Range/Performance
P283800	Shift Fork "B" Position Circuit Low
P283900	Shift Fork "B" Position Circuit High
P283C00	Shift Fork "C" Position Circuit Range/Performance
P283D00	Shift Fork "C" Position Circuit Low
P283E00	Shift Fork "C" Position Circuit High
P284100	Shift Fork "D" Position Circuit Range/Performance
P284200	Shift Fork "D" Position Circuit Low
P284300	Shift Fork "D" Position Circuit High
P284500	Shift Fork "A" Position Sensor Incorrect Neutral Position Indicated
P284600	Shift Fork "B" Position Sensor Incorrect Neutral Position Indicated
P284700	Shift Fork "C" Position Sensor Incorrect Neutral Position Indicated
P284800	Shift Fork "D" Position Sensor Incorrect Neutral Position Indicated
P284900	Shift Fork "A" Stuck
P284A00	Shift Fork "B" Stuck
P284B00	Shift Fork "C" Stuck
P284C00	Shift Fork "D" Stuck
P284D00	Shift Fork "A" Unrequested Movement
P284E00	Shift Fork "B" Unrequested Movement
P284F00	Shift Fork "C" Unrequested Movement
P285000	Shift Fork "D" Unrequested Movement
P285700	Clutch "A" Pressure Engagement Performance/Too Low
P285800	Clutch "B" Pressure Engagement Performance/Too Low
P286B00	Clutch "A" Pressure Engagement Too High
P287300	Clutch "B" Pressure Engagement Too High
P2A0000	O2 Sensor Circuit Range/Performance, Bank 1 Sensor 1
P2BA700	NOx Exceedence - Empty Reagent Tank
P2BA800	NOx Exceedence - Interruption of Reagent Dosing Activity
P2BA900	NOx Exceedence - Insufficient Reagent Quality
P2BAA00	NOx Exceedence - Low Reagent Consumption
P2BAB00	NOx Exceedence - Incorrect EGR Flow
P2BAC00	NOx Exceedence - Deactivation of EGR
P2BAD00	NOx Exceedence - Root Cause Unknown
P2BAE00	NOx Exceedence - NOx control monitoring system
P300000	Glow plug indicator lamp -K29 Malfunction message from instrument cluster
P300100	Operating RPM regulation Control difference
P300200	Kick Down Switch -F8 Implausible signal
P300300	Low heat output relay-J359 Short circuit to B+
P300400	Low heat output relay-J359 Open circuit/short circuit to ground

P-Code	P-Code Text
P300500	High heat output relay -J360 Short circuit to B+
P300600	High heat output relay -J360 Open circuit/short circuit to ground
P300700	Camshaft Position Sensor -G40- No signal
P300800	Camshaft Position Sensor -G40- Signal outside tolerance
P300900	Relay for pump, fuel cooling -J445- Short circuit to B+
P300A00	Diesel Particulate Filter Differential Press Sensor Bank 2 Implausible signal
P300B00	Diesel Particulate Filter Differential Press Sensor Bank 2 Short circuit to ground
P300C00	Diesel Particulate Filter Differential Press Sensor Bank 2 Short circuit to B+
P300D00	Diesel Particulate Filter Differential Press Sensor Bank 2 Electrical malfunction
P300E00	Particle filter Bank 2 overloaded
P300F00	Fuel bypass valve Open circuit
P301000	Relay for pump, fuel cooling -J445- Open circuit/short circuit to ground
P301100	Fuel Pump (FP) 2 Relay -J49- Short circuit to B+
P301200	Fuel Pump (FP) 2 Relay -J49- Open circuit/short circuit to ground
P301300	Wastegate Bypass Regulator Valve 2 -N274- Short circuit to B+
P301400	Wastegate Bypass Regulator Valve 2 -N274- Open circuit/short circuit to ground
P301500	Fuel Bypass Valve -N312- Short circuit to B+
P301600	Fuel Bypass Valve -N312- Open circuit/short circuit to ground
P301700	Exhaust Flap Valve 1 -N321- Short circuit to B+
P301800	Exhaust Flap Valve 1 -N321- Short circuit to ground
P301900	Exhaust Flap Valve 1 -N321- Open circuit
P301A00	Exhaust flap sensor bank 2 Electrical malfunction
P301B00	Exhaust flap sensor bank 2 Implausible signal
P301C00	Exhaust flap sensor bank 2 Short circuit to B+
P301D00	Exhaust flap bank 2 Electrical malfunction
P301E00	Exhaust flap bank 2 Control difference
P301F00	Exhaust flap bank 2 Short circuit to B+
P302000	Exhaust Flap Valve 1 -N321- Electrical malfunction in circuit
P302100	Exhaust Flap Valve 2 -N322- Short circuit to B+
P302200	Exhaust Flap Valve 2 -N322- Short circuit to ground
P302300	Exhaust Flap Valve 2 -N322- Open circuit
P302400	Exhaust Flap Valve 2 -N322- Electrical malfunction in circuit
P302500	Throttle drive 2 angle sensor 1 -G297 Implausible signal
P302600	Throttle drive 2 angle sensor 1 -G297 Signal too low
P302700	Throttle drive 2 angle sensor 1 -G297 Signal too high
P302800	Throttle drive 2 angle sensor 2 -G298 Implausible signal
P302900	Throttle drive 2 angle sensor 2 -G298 Signal too low
P302A00	Low heat output relay Open circuit
P302B00	Relay for Preheating Coolant, High Heat Output Open circuit
P302C00	Low heat output relay Short circuit to ground
P302D00	Relay for Preheating Coolant, High Heat Output Short circuit to ground
P302E00	Relay for pump, fuel cooling Open circuit
P302F00	Relay for pump, fuel cooling Short circuit to ground
P303000	Throttle drive 2 angle sensor 2 -G298 Signal too high
P303100	Throttle drive 2-G296 Electrical malfunction in circuit
P303200	Throttle valve control module 2 -J544- Error in basic setting
P303300	Intake air temperature sensor 2-G299 Signal too low
P303400	Intake air temperature sensor 2-G299 Signal too high
P303500	Throttle valve control module 2 -J544- mechanical malfunction
P303600	Throttle valve control module 2 -J544- insufficient voltage during basic setting
P303700	Throttle valve control module 2 -J544- Adaptation not initiated
P303800	Throttle valve control module 2 -J544- lower stop not reached
P303900	Transmission request torque reduction Implausible
P303A00	Auxiliary fuel pump (FP) relay Open circuit
P303B00	Auxiliary fuel pump (FP) relay Short circuit to ground
P303C00	Auxiliary fuel pump (FP) relay Short circuit to B+
P303D00	Cold start valve Open circuit
P303E00	Cold start valve Short circuit to B+
P303F00	Cold start valve Short circuit to ground
P304000	Transmission ratio Implausible

P-Code	P-Code Text
P304100	Databus drivetrain implausible engine temperature message from instrument cluster
P304200	Heater regulation Implausible signal
P304300	Fuel pump mechanical malfunction
P304400	Fuel pump Short circuit
P304500	Fuel pump electronics Faulty
P304600	Starter relay 1 Electrical malfunction in circuit (relay stuck/does not switch)
P304700	Activation starter relay 2 Short circuit to B+
P304800	Activation starter relay 2 Short circuit to ground
P304900	Activation starter relay 2 Open circuit
P304A00	Starter relay 1 Short circuit to ground
P304B00	Potentiometer for heater control Electrical malfunction
P304C00	Disengaging clutch Adaptation above limit value
P304D00	Disengaging clutch Adaptation below limit value
P304E00	Protective ground contacts of hybrid battery Number of load dumps too high
P304F00	Electric driving switch
P305000	Starter relay 2 Electrical malfunction in circuit (relay stuck/does not switch)
P305100	Starter activation, return message terminal 50 Implausible signal
P305200	Starter activation, return message terminal 50 Short circuit to B+
P305300	Starter activation, return message terminal 50 Short circuit to ground/open circuit
P305400	Starter does not turn Mechanically blocked or electrical malfunction
P305500	Exhaust pressure sensor 2 -G451 Open circuit
P305600	Exhaust pressure sensor 2 -G451 Short circuit to ground
P305700	Exhaust pressure sensor 2 -G451 Short circuit to B+
P305800	EGR system 2 Flow too Low
P305900	EGR system 2 throughput too high
P305A00	Gasoline operation Combustion misfire detected
P305B00	Transmission in limp home mode
P305C00	Intake Air Temperature Sensor 2 Circuit Low
P305D00	Intake Air Temperature Sensor 2 Circuit High
P305E00	Intake Air Temperature Sensor 2 Range/Performance
P305F00	Instrument cluster switch-off time faulty
P306000	EGR cooling bypass valve -N386 Electrical malfunction
P306100	EGR cooling bypass valve 2 -N387 Electrical malfunction
P306200	Charge pressure regulator 2 Overboost Condition
P306300	Charge pressure regulator 2 Underboost condition
P306400	Wastegate bypass regulator valve 3 -N388 Electrical malfunction
P306500	Wastegate bypass regulator valve 3 -N388 Short circuit to ground
P306600	Wastegate bypass regulator valve 3 -N388 Short circuit to B+
P306700	Wastegate bypass regulator valve 4 -N389 Electrical malfunction
P306800	Wastegate bypass regulator valve 4 -N389 Short circuit to ground
P306900	Wastegate bypass regulator valve 4 -N389 Short circuit to B+
P306A00	Switch for reverse driving Short circuit to B+
P306B00	Switch for reverse driving Short circuit to ground/open circuit
P306C00	Hybrid battery cooling fan voltage supply relay Stuck closed
P306D00	Glow ignition, Cylinder shut-off
P306E00	Glow ignition, brief output reduction
P306F00	Glow ignition, continuous output reduction
P307000	Pump for particle filter additive-V135 Faulty
P307100	Additive tank for particle filter empty
P307200	Voltage supply relay Electrical malfunction in circuit
P307300	Fuel pump Electrical malfunction in circuit
P307400	Fuel Pump 2 Electrical malfunction in circuit
P307500	Turbocharger trim 1/2 adaptation limit reached
P307600	Engine control module (ECM) Error during coding
P307700	Fuel Pump Electronics, voltage supply Electrical malfunction
P307800	Throttle valve control unit Air Flow at idle too Low
P307900	Cold Start Fuel Pump (FP) Relay Short circuit to B+
P307A00	Intake system Air flow too low
P307B00	Activation Fuel pump module 2 Electrical malfunction/open circuit
P307C00	Activation Fuel pump module 2 Implausible signal

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P-Code	P-Code Text
P307D00	Activation Fuel pump module 2 Short circuit to ground
P307E00	Activation Fuel pump module 2 Short circuit to B+
P307F00	Function limitation due to excessive current
P308000	Cold Start Fuel Pump (FP) Relay -J748 Short circuit to ground/open circuit
P308100	Engine temperature too low
P308200	Clutch positioning sensor-G476 Implausible signal
P308300	Fuel additive empty sensor-G504 Electrical malfunction in circuit
P308400	Recirculating valve for turbocharger bank 2 mechanical malfunction
P308500	Activation Intake Manifold Runner Bank 2 Control Electrical malfunction
P308600	Intake Manifold Runner Bank 2 Basic settings not carried out
P308700	Supply relay for engine components Electrical malfunction in circuit
P308800	Starter relay Electrical malfunction in circuit
P308900	Fuel pump electronics signal wire Electrical malfunction
P308A00	Fuel pump electronics NG operation signal wire Short circuit to B+
P308B00	Fuel pump electronics NG operation signal wire Short circuit to ground
P308C00	Fuel pump electronics NG operation signal wire Open circuit
P308D00	Fuel pump Engine speed too low
P308E00	Fuel pump electronics excess temperature
P308F00	Throttle valve control module 2 Air Flow at idle too Low
P309000	Auxiliary heater signal Not recognized
P309100	Auxiliary heater signal constantly detected
P309200	Control module defective
P309300	Control module defective
P309400	Control module defective
P309500	Control module defective
P309600	Control module defective
P309700	Control module defective
P309800	Control module defective
P309900	Control module defective
P309A00	Pressure sensor for disengaging clutch Implausible signal
P309B00	Ground connection faulty
P309C00	Clutch disengagement actuator mechanical malfunction
P309D00	Clutch disengagement actuator insufficient slip with disengaged clutch
P309E00	Position sensor for disengaging clutch actuator Implausible signal
P309F00	Clutch disengagement actuator slip when clutch engaged
P30A000	Intermediate circuit condenser not discharged
P30A100	Engine start interruption Permissible number exceeded
P30A200	Brake pedal range sensor & Brake light switch Implausible signal
P30A300	Cylinder shut-off valve 1 Sticks open
P30A400	Cylinder shut-off valve 1 sticks closed
P30A500	Cylinder shut-off valve 2 Sticks open
P30A600	Cylinder shut-off valve 2 sticks closed
P30A700	Cylinder shut-off valve 3 Sticks open
P30A800	Cylinder shut-off valve 3 sticks closed
P30A900	Cylinder shut-off valve 4 Sticks open
P30AA00	Cylinder shut-off valve 4 sticks closed
P30AB00	Cylinder shut-off valve 5 Sticks open
P30AC00	Cylinder shut-off valve 5 sticks closed
P30AD00	Cylinder shut-off valve 6 Sticks open
P30AE00	Cylinder shut-off valve 6 sticks closed
P30AF00	Cylinder shut-off valve 7 Sticks open
P30B000	Cylinder shut-off valve 7 sticks closed
P30B100	Cylinder shut-off valve 8 Sticks open
P30B200	Cylinder shut-off valve 8 sticks closed
P30B300	Cylinder shut-off valve 9 Sticks open
P30B400	Cylinder shut-off valve 9 sticks closed
P30B500	Cylinder shut-off valve 10 Sticks open
P30B600	Cylinder shut-off valve 10 sticks closed
P30B700	Cylinder shut-off valve 11 Sticks open
P30B800	Cylinder shut-off valve 11 sticks closed

P-Code	P-Code Text
P30B900	Cylinder shut-off valve 12 Sticks open
P30BA00	Cylinder shut-off valve 12 sticks closed
P30BB00	Fuel pump electronics 2 Faulty
P30BC00	Fuel pump electronics 2 excess temperature
P30BD00	Fuel Pump 2 Engine speed too low
P30BE00	Fuel Pump 2 mechanical malfunction
P30BF00	Fuel Pump 2 Short circuit
P30C000	Fuel quality poor
P30C100	Charge connector recognition AC Implausible
P30C200	Charge connector lock AC Faulty
P30C300	Charge current monitoring HV Implausible
P30C400	HV ground fault current
P30C500	Heat exchanger coolant temperature sensor 1 Signal too high
P30C600	Heat exchanger coolant temperature sensor 1 Signal too low
P30C700	Heat exchanger coolant temperature sensor 2 Signal too high
P30C800	Heat exchanger coolant temperature sensor 2 Signal too low
P30C900	Heat exchanger coolant temperature sensor 3 Signal too high
P30CA00	Heat exchanger coolant temperature sensor 3 Signal too low
P30CB00	Heat exchanger coolant temperature sensor 4 Signal too high
P30CC00	Heat exchanger coolant temperature sensor 4 Signal too low
P30CD00	Heat exchanger coolant temperature sensor 5 Signal too high
P30CE00	Heat exchanger coolant temperature sensor 5 Signal too low
P30CF00	Battery coolant change-over valve Electrical malfunction
P30D000	E-machine change-over valve Electrical malfunction
P30D100	Radiator bypass change-over valve Electrical malfunction
P30D200	Coolant pump 2 Dry running
P30D300	Coolant pump 2 mechanical malfunction
P30D400	Coolant pump 2 excess temperature
P310000	Intake Flap Motor -V157 Short circuit to B+
P310100	Intake Flap Motor -V157 Open circuit/short circuit to ground
P310200	Intake Flap Motor -V157 No signal
P310300	Intake Flap Motor -V157 Faulty
P310400	Intake manifold flap change-over valve- N239 Short circuit to B+
P310500	Intake manifold flap change-over valve- N239 Open circuit/short circuit to ground
P310600	Cylinder 7 Pump/Injector Valve -N303 Implausible signal
P310700	Cylinder 7 Pump/Injector Valve -N303 Value above upper control limit
P310800	Cylinder 7 Pump/Injector Valve -N303 Value below lower control limit
P310900	Cylinder 7 Pump/Injector Valve -N303 Electrical malfunction in circuit
P310A00	Low Fuel Pressure regulation Fuel pressure fluctuates
P310B00	Low Fuel Pressure regulation Fuel pressure outside specification
P310C00	Low Fuel Pressure regulation Fuel pressure breaks down sporadically
P310D00	Fuel Pressure Regulation Fuel pressure fluctuates
P310E00	Exhaust gas recirculation cooler bypass valve 2 Implausible signal
P311000	Cylinder 8 Pump/Injector Valve -N304 Implausible signal
P311100	Cylinder 8 Pump/Injector Valve -N304 Value above upper control limit
P311200	Cylinder 8 Pump/Injector Valve -N304 Value below lower control limit
P311300	Cylinder 8 Pump/Injector Valve -N304 Electrical malfunction in circuit
P311400	Cylinder 9 Pump/Injector Valve -N305 Implausible signal
P311500	Cylinder 9 Pump/Injector Valve -N305 Value above upper control limit
P311600	Cylinder 9 Pump/Injector Valve -N305 Value below lower control limit
P311700	Cylinder 9 Pump/Injector Valve -N305 Electrical malfunction in circuit
P311800	Cylinder 10 Pump/Injector Valve -N306 Implausible signal
P311900	Cylinder 10 Pump/Injector Valve -N306 Value above upper control limit
P311A00	EGR vacuum regulator solenoid valve Control deviation
P311B00	Throttle valve control unit Control deviation
P312000	Cylinder 10 Pump/Injector Valve -N306 Value below lower control limit
P312100	Cylinder 10 Pump/Injector Valve -N306 Electrical malfunction in circuit
P312200	Cylinder 11 Pump/Injector Valve -N307 Implausible signal
P312300	Cylinder 11 Pump/Injector Valve -N307 Value above upper control limit
P312400	Cylinder 11 Pump/Injector Valve -N307 Value below lower control limit

P-Code	P-Code Text
P312500	Cylinder 11 Pump/Injector Valve -N307 Electrical malfunction in circuit
P312600	Cylinder 12 Pump/Injector Valve -N308 Implausible signal
P312700	Cylinder 12 Pump/Injector Valve -N308 Value above upper control limit
P312800	Cylinder 12 Pump/Injector Valve -N308 Value below lower control limit
P312900	Cylinder 12 Pump/Injector Valve -N308 Electrical malfunction in circuit
P313000	Exhaust gas recirculation (EGR) system Value above upper control limit
P313100	Exhaust gas recirculation (EGR) system Value below lower control limit
P313200	Automatic glow time control relay 2, glow current circuit Electrical malfunction in circuit
P313300	Automatic glow time control relay 2 -J609 Implausible signal
P313400	Intake Manifold Runner Control (IMRC) Upper stop not reached
P313500	Intake Manifold Runner Control (IMRC) lower limit not reached
P313600	Intake Manifold Runner Control (IMRC) Target value not reached
P313700	Intake Manifold Runner Control (IMRC) Basic settings not carried out
P313800	Intake Manifold Runner Control (IMRC) Control difference
P313900	Intake Manifold Runner Control (IMRC) Signal outside tolerance
P313A00	Intake Manifold Runner Control (IMRC), bank 2 Signal outside tolerance
P313B00	Intake Manifold Runner Control (IMRC), bank 2 Control difference
P313C00	Intake Manifold Runner Control (IMRC), bank 2 difficulty of movement or blocked
P313D00	Intake Manifold Runner Control (IMRC) difficulty of movement or blocked
P314000	Valve for starting with empty tank -N349 Open circuit/short circuit to ground
P314100	Valve for starting with empty tank -N349 Short circuit to B+
P314200	Exhaust-bank2,sensor1,oxygen sensor signal Implausible lean
P314300	Exhaust-bank2,sensor1,oxygen sensor signal Implausible rich
P314400	Exhaust-bank3,sensor1,oxygen sensor signal Implausible lean
P314500	Exhaust-bank3,sensor1,oxygen sensor signal Implausible rich
P314600	Exhaust-bank4,sensor1,oxygen sensor signal Implausible lean
P314700	Exhaust-bank4,sensor1,oxygen sensor signal Implausible rich
P314800	Exhaust bank 3, O2 sensor before cat. conv., heater circuit Regulation at upper limit
P314900	Exhaust bank 3, O2 sensor before cat. conv., heater circuit Regulation at lower limit
P315000	Exhaust bank 4, O2 sensor before cat. conv., heater circuit Regulation at upper limit
P315100	Exhaust bank 4, O2 sensor before cat. conv., heater circuit Regulation at lower limit
P315200	Exhaust gas bank3, sensor1 Internal resistance implausible
P315300	Exhaust gas bank4, sensor1 Internal resistance implausible
P315400	Exhaust-bank2-sensor1 Voltage too low/air leak
P315500	Exhaust-bank3-sensor1 Voltage too low/air leak
P315600	Exhaust-bank4-sensor1 Voltage too low/air leak
P315700	Exhaust-bank1,sensor1,oxygen sensor signal Voltage too low during deceleration
P315800	Exhaust-bank2,sensor1,oxygen sensor signal Voltage too low during deceleration
P315900	Exhaust-bank3,sensor1,oxygen sensor signal Voltage too low during deceleration
P316000	Exhaust-bank4,sensor1,oxygen sensor signal Voltage too low during deceleration
P316100	Linear O2. sensor,exh-bank1/ pump current compensat. wire Open circuit
P316200	Linear O2 sensor,exh-bank2/ pump current compensat. wire Open circuit
P316300	Linear O2 sensor,exh-bank3/ pump current compensat. wire Open circuit
P316400	Linear O2 sensor,exh-bank4/ pump current compensat. wire Open circuit
P316500	Exhaust-bank3,oxygen sensor correction behind cat Lean control limit exceeded
P316600	Exhaust-bank3,oxygen sensor correction behind cat Rich control limit exceeded
P316700	Exhaust-bank4,oxygen sensor correction behind cat Lean control limit exceeded
P316800	Exhaust-bank4,oxygen sensor correction behind cat Rich control limit exceeded
P316900	Exhaust-bank3 main catalytic converter Efficiency below threshold
P317000	Exhaust-bank4 main catalytic converter Efficiency below threshold
P317100	Exhaust-bank1, mixture adaptation range 3 Lean limit not reached
P317200	Exhaust-bank1, mixture adaptation range 3 Rich limit exceeded
P317300	Exhaust-bank2, mixture adaptation range 3 Lean limit not reached
P317400	Exhaust-bank2, mixture adaptation range 3 Rich limit exceeded
P317500	Exhaust bank3, mixture adaptation range 3 Lean limit not reached
P317600	Exhaust bank3, mixture adaptation range 3 Rich limit exceeded
P317700	Exhaust bank4, mixture adaptation range 3 Lean limit not reached
P317800	Exhaust bank4, mixture adaptation range 3 Rich limit exceeded
P317900	Cyl.13 fuel injector-N390 Short circuit to ground
P317A00	Calibration injector cylinder 1 not learned

P-Code	P-Code Text
P317B00	Calibration injector cylinder 2 not learned
P317C00	Calibration injector cylinder 3 not learned
P317D00	Calibration injector cylinder 4 not learned
P318000	Cyl.13 fuel injector-N390 Short circuit to B+
P318100	Cyl.13 fuel injector-N390 Open circuit
P318200	Cyl.14 fuel injector-N391 Short circuit to ground
P318300	Cyl.14 fuel injector-N391 Short circuit to B+
P318400	Cyl.14 fuel injector-N391 Open circuit
P318500	Cyl.15-fuel injector-N392 Short circuit to ground
P318600	Cyl.15-fuel injector-N392 Short circuit to B+
P318700	Cyl.15-fuel injector-N392 Open circuit
P318800	Cyl.16 fuel injector-N393 Short circuit to ground
P318900	Cyl.16 fuel injector-N393 Short circuit to B+
P319000	Cyl.16 fuel injector-N393 Open circuit
P319100	Intake Manifold Runner Control (IMRC) Basic setting canceled with mechanical stop open
P319200	Intake Manifold Runner Control (IMRC) Basic setting canceled with mechanical stop open
P319300	Intake Manifold Runner Control (IMRC) open stop outside valid range
P319400	Mass Air Flow (MAF) Sensor 3 -G456 Signal too low
P319500	Mass Air Flow (MAF) Sensor 3 -G456 Signal too high
P319600	Mass Air Flow (MAF) Sensor 4 -G457 Signal too low
P319700	Mass Air Flow (MAF) Sensor 4 -G457 Signal too high
P319800	Activation Intake manifold Runner Control (IMRC) Implausible signal
P319900	Activation Intake Manifold Runner Bank 2 Control Implausible signal
P319A00	Air mass meter 3/4 Correlation
P319B00	Mass Air Flow (MAF) Sensor 3 -G456 Implausible signal
P319C00	Mass Air Flow (MAF) Sensor 4 -G457 Implausible signal
P319D00	Activation Intake Manifold Runner Control Bank 2 Short circuit to B+
P319E00	Activation Intake Manifold Runner Control Bank 2 Open circuit/short circuit to ground
P319F00	Operating speed regulation indicator lamp Electrical malfunction
P31A000	Operating speed regulation switch
P320000	Exhaust-bank3 -sensor1, heating circuit Short circuit to ground
P320100	Exhaust-bank3 -sensor1, heating circuit Short circuit to B+
P320200	Exhaust-bank3 -sensor1, heating circuit Open circuit
P320300	Exhaust-bank3 -sensor1, heating circuit Electrical malfunction
P320400	Exhaust-bank3-sensor1 Internal resistance too high
P320500	Exhaust-bank3-sensor1 Voltage too low
P320600	Exhaust-bank3-sensor1 Voltage too high
P320700	Exhaust-bank3-sensor1 Electrical malfunction in circuit
P320800	Exhaust-bank3-sensor1 No Activity Detected
P320900	Exhaust-bank3-sensor1 Signal too slow
P320A00	O2 Sensor 1 Bank 1 Heater Performance Masking
P320B00	O2 Sensor 2 Bank 1 Heater Performance Masking
P320C00	O2 Sensor 1/2 Bank 1 lean correlation
P320D00	O2 Sensor 1/2 Bank 1 rich correlation
P321000	Exhaust-bank3 -sensor1, heating circuit Performance too low
P321100	Exhaust-bank1-sensor1 Heater back-coupling
P321200	Exhaust-bank2-sensor1 Heater back-coupling
P321300	Exhaust-bank3-sensor1 Heater back-coupling
P321400	Exhaust-bank4-sensor1 Heater back-coupling
P321500	Exhaust-bank3-sensor2,heater circuit Short circuit to ground
P321600	Exhaust-bank3-sensor2,heater circuit Short circuit to B+
P321700	Exhaust-bank3-sensor2,heater circuit Open circuit
P321800	Exhaust-bank3-sensor2,heater circuit Electrical malfunction
P321900	Exhaust-bank3-sensor2 Internal resistance too high
P321A00	O2 Sensor 2 bank 3 Signal too lean
P322000	Exhaust-bank3-sensor2 Voltage too low
P322100	Exhaust-bank3-sensor2 Voltage too high
P322200	Exhaust-bank3-sensor2 Electrical malfunction in circuit
P322300	Exhaust-bank3-sensor2 No Activity Detected
P322400	Exhaust-bank3-sensor2 Signal too slow

P-Code	P-Code Text
P322500	Exhaust-bank3,oxygen sensor correction behind cat Control limit reached
P322600	Exhaust-bank4,oxygen sensor correction behind cat Control limit reached
P322700	Exhaust-Bank1,Sensor1,Individual Cylinder Control Sensor dynamics too low
P322800	Exhaust-bank1,sensor1,oxygen sensor signal Implausible lean
P322900	Exhaust-bank1,sensor1,oxygen sensor signal Implausible rich
P323000	Exhaust-bank4 -sensor1, heating circuit Short circuit to ground
P323100	Exhaust-bank4 -sensor1, heating circuit Short circuit to B+
P323200	Exhaust-bank4 -sensor1, heating circuit Open circuit
P323300	Exhaust-bank4 -sensor1, heating circuit Electrical malfunction
P323400	Exhaust-bank4-sensor1 Internal resistance too high
P323500	Exhaust-bank4-sensor1 Voltage too low
P323600	Exhaust-bank4-sensor1 Voltage too high
P323700	Exhaust-bank4-sensor1 Electrical malfunction in circuit
P323800	Exhaust-bank4-sensor1 No Activity Detected
P323900	Exhaust-bank4-sensor1 Signal too slow
P324000	Exhaust-bank4 -sensor1, heating circuit Performance too low
P324100	Intake Manifold Runner Control (IMRC) Temperature too high
P324200	Intake Manifold Runner Bank 2 Temperature too high
P324300	Throttle valve control module activation Electrical malfunction
P324400	Throttle valve control module activation 2 Electrical malfunction
P324500	Exhaust-bank4-sensor2,heater circuit Short circuit to ground
P324600	Exhaust-bank4-sensor2,heater circuit Short circuit to B+
P324700	Exhaust-bank4-sensor2,heater circuit Open circuit
P324800	Exhaust-bank4-sensor2,heater circuit Electrical malfunction
P324900	Exhaust-bank4-sensor2 Internal resistance too high
P325000	Exhaust-bank4-sensor2 Voltage too low
P325100	Exhaust-bank4-sensor2 Voltage too high
P325200	Exhaust-bank4-sensor2 Electrical malfunction in circuit
P325300	Exhaust-bank4-sensor2 No Activity Detected
P325400	Exhaust-bank4-sensor2 Signal too slow
P325500	Bank 1, O2 sensor before cat. conv., heater circuit Regulation at upper limit
P325600	Bank 1, O2 sensor before cat. conv., heater circuit Regulation at lower limit
P325700	Bank 2, O2 sensor before cat. conv., heater circuit Regulation at upper limit
P325800	Bank 2, O2 sensor before cat. conv., heater circuit Regulation at lower limit
P325900	Auxiliary fuel pump for engine start Malfunction
P326000	Exhaust bank 1/2 oxygen sensors before catalytic converter swapped
P326100	Exhaust bank 3/4 oxygen sensors before catalytic converter swapped
P326200	Exhaust bank 1/2 oxygen sensors behind catalytic converter swapped
P326300	Exhaust bank 3/4 oxygen sensors behind catalytic converter swapped
P326400	Pre-catalytic converter, exhaust bank 3 Efficiency below threshold
P326500	Pre-catalytic converter, exhaust bank 4 Efficiency below threshold
P326600	Bank 1, sensor 1 Internal resistance implausible
P326700	Bank 2, sensor 1 Internal resistance implausible
P326800	Linear O2 sensor, exhaust gas bank 2 / pump current Open circuit
P326900	Linear O2 sensor, exhaust gas bank 2 / pump current Short circuit to ground
P327000	Linear O2 sensor, exhaust gas bank 2 / pump current Short circuit to B+
P327100	Linear O2 sensor, exhaust gas bank 2 / reference voltage Open circuit
P327200	Linear O2 sensor, exhaust gas bank 2 / reference voltage Short circuit to ground
P327300	Linear O2 sensor, exhaust gas bank 2 / reference voltage Short circuit to B+
P327400	Linear O2 sensor, exhaust gas bank 2 / reference voltage Implausible
P327500	Linear O2 sensor, exhaust bank 2 / common Ground (GND) wire Open circuit
P327600	Linear O2 sensor, exhaust bank 2 / common Ground (GND) wire Short circuit to ground
P327700	Linear O2 sensor, exhaust bank 2 / common Ground (GND) wire Short circuit to B+
P327800	Linear O2 sensor, exhaust gas bank 3 / pump current Open circuit
P327900	Linear O2 sensor, exhaust gas bank 3 / pump current Short circuit to ground
P328000	Linear O2 sensor, exhaust gas bank 3 / pump current Short circuit to B+
P328100	Linear O2 sensor, exhaust gas bank 3 / reference voltage Open circuit
P328200	Linear O2 sensor, exhaust gas bank 3 / reference voltage Short circuit to ground
P328300	Linear O2 sensor, exhaust gas bank 3 / reference voltage Short circuit to B+
P328400	Linear O2 sensor, exhaust gas bank 3 / reference voltage Implausible

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P-Code	P-Code Text
P328500	Linear O2 sensor, exhaust bank 3 / common Ground (GND) wire Open circuit
P328600	Linear O2 sensor, exhaust bank 3 / common Ground (GND) wire Short circuit to ground
P328700	Linear O2 sensor, exhaust bank 3 / common Ground (GND) wire Short circuit to B+
P328800	Linear O2 sensor, exhaust gas bank 4 / pump current Open circuit
P328900	Linear O2 sensor, exhaust gas bank 4 / pump current Short circuit to ground
P329000	Linear O2 sensor, exhaust gas bank 4 / pump current Short circuit to B+
P329100	Linear O2 sensor, exhaust gas bank 4 / reference voltage Open circuit
P329200	Linear O2 sensor, exhaust gas bank 4 / reference voltage Short circuit to ground
P329300	Linear O2 sensor, exhaust gas bank 4 / reference voltage Short circuit to B+
P329400	Linear O2 sensor, exhaust gas bank 4 / reference voltage Implausible
P329500	Linear O2 sensor, exhaust bank 4 / common Ground (GND) wire Open circuit
P329600	Linear O2 sensor, exhaust bank 4 / common Ground (GND) wire Short circuit to ground
P329700	Linear O2 sensor, exhaust bank 4 / common Ground (GND) wire Short circuit to B+
P329800	Catalytic converter system, exhaust-bank 3 Efficiency below threshold
P329900	Catalytic converter system, exhaust-bank 4 Efficiency below threshold
P330000	Bank1, Camshaft Position Sensor, exhaust =>-G300 Short circuit to ground
P330100	Bank1, Camshaft Position Sensor, exhaust =>-G300 Open circuit/short circuit to B+
P330200	Bank2, Camshaft position sensor, exhaust =>-G301 Short circuit to ground
P330300	Bank2, Camshaft position sensor, exhaust =>-G301 Open circuit/short circuit to B+
P330400	Bank1,exh-Camshaft Pos. Sensor-G300/crankshaft pos. sens.-G28 Incorrect allocation
P330500	Bank2,exh-Camshaft Pos. Sensor-G301/crankshaft pos. sens.-G28 Incorrect allocation
P330600	Ignition control cylinder 13 Short circuit to ground
P330700	Ignition control cylinder 13 Short circuit to B+
P330800	Ignition control cylinder 13 Open circuit
P330900	Ignition control cylinder 14 Short circuit to ground
P331000	Ignition control cylinder 14 Short circuit to B+
P331100	Ignition control cylinder 14 Open circuit
P331200	Ignition control cylinder 15 Short circuit to ground
P331300	Ignition control cylinder 15 Short circuit to B+
P331400	Ignition control cylinder 15 Open circuit
P331500	Ignition control cylinder 16 Short circuit to ground
P331600	Ignition control cylinder 16 Short circuit to B+
P331700	Ignition control cylinder 16 Open circuit
P331800	Glow plug relay 2-J495 Short circuit to B+
P331900	Glow plug relay 2-J495 Open circuit/short circuit to ground
P332000	Activation 2 of pump/injector valves Short circuit to B+
P332100	Activation 2 of pump/injector valves Electrical malfunction in circuit
P332200	Terminal 30 power supply relay 2-J689 Implausible signal
P332300	Power supply terminal 15 Voltage too high
P332400	Power supply terminal 15 Open circuit
P332500	Power supply terminal 15 Implausible
P332600	Intake manifold tuning change-over valve 2 -N394 Short circuit to B+
P332700	Intake manifold tuning change-over valve 2 -N394 Open circuit/short circuit to ground
P332800	Intake flap motor 2 -V275 Short circuit to B+
P332900	Intake flap motor 2 -V275 Open circuit/short circuit to ground
P333000	Intake flap motor 2 -V275 No signal
P333100	Intake flap motor 2 -V275 Faulty
P333200	Combustion detection in deceleration mode
P333300	Turbocharger (TC) control module 1 implausible message
P333400	Turbocharger (TC) control module 2 implausible message
P333500	Turbocharger (TC) control module 1 missing message
P333600	Turbocharger (TC) control module 2 missing message
P333700	Engine data bus/engine implausible message
P333800	Activation glow time control module 1 Electrical malfunction in circuit
P333900	Activation glow time control module 2 Electrical malfunction in circuit
P334000	Charge pressure cooler fan relay-J712 Short circuit to B+
P334100	Charge pressure cooler fan relay-J712 Short circuit to ground
P334200	Charge pressure cooler fan relay-J712 Open circuit
P334300	Exhaust turbocharger control module 1 -J724 Temperature too high
P334400	Exhaust turbocharger control module 1 -J724 Voltage supply outside the permissible range

P-Code	P-Code Text
P334500	Turbocharger Control Module 2 -J725 Temperature too high
P334600	Turbocharger Control Module 2 -J725 Voltage supply outside the permissible range
P334700	Glow Plug Relay Electrical malfunction
P334800	Activation turbocharger control module 1 -J724 Electrical malfunction in circuit
P334900	Activation turbocharger control module 2 -J725 Electrical malfunction in circuit
P334A00	Charge pressure actuator Electrical malfunction
P334B00	Charge pressure actuator mechanical malfunction
P334C00	Charge pressure actuator Adaptation not initiated
P334D00	Coolant pump 2 for charge air cooler Open circuit
P334E00	Coolant pump 2 for charge air cooler Short circuit to B+
P334F00	Coolant pump 2 for charge air cooler Short circuit to ground
P335000	Long Term Fuel Trim, NG Range 1 Too Lean
P335100	Long Term Fuel Trim, NG Range 1 Too Rich
P335200	Long Term Fuel Trim, NG Range 2 Too Lean
P335300	Long Term Fuel Trim, NG Range 2 Too Rich
P335400	Long Term Fuel Trim, NG Range 3 Too Lean
P335500	Long Term Fuel Trim, NG Range 3 Too Rich
P335600	Catalyst System,Bank1 during NG operation Efficiency below threshold
P335700	O2 Correction during NG operation Control limit reached
P335800	O2 Sensor 1, Bank 1 with NG operation Signal too slow
P335900	Exhaust Bank1-Sensor1 at NG operation Heater back-coupling
P335A00	System too lean at NG operation
P335B00	System too rich at NG operation
P335C00	Fuel tank pressure sensor high pressure Signal too high
P335D00	Fuel tank pressure sensor high pressure Signal too low
P335E00	Bank 1, fuel measuring system NG operation Malfunction
P336000	Exhaust Bank1-Sensor1 at NG operation No Activity Detected
P336100	NG operation Combustion misfire detected
P336200	NG operation Cyl.1 Combustion misfire detected
P336300	NG operation Cyl.2 Combustion misfire detected
P336400	NG operation Cyl.3 Combustion misfire detected
P336500	NG operation Cyl.4 Combustion misfire detected
P336600	System pressure, NG too High
P336700	System pressure, NG too Low
P336800	O2 Sensor 1 bank3 Signal too lean
P336900	O2 Sensor 1 bank3 Signal too rich
P336A00	System pressure, NG Implausible signal
P336B00	NG temperature sensor Short circuit to B+
P336C00	NG temperature sensor Short circuit to ground
P336D00	NG temperature sensor Implausible signal
P336E00	NG fuel pump relay Short circuit to B+
P336F00	NG fuel pump relay Short circuit to ground
P337000	O2 Sensor 1 bank4 Signal too lean
P337100	O2 Sensor 1 bank4 Signal too rich
P337200	Intake Manifold Change-Over Valve Short circuit to B+
P337300	Intake Manifold Change-Over Valve Open circuit/short circuit to ground
P337400	Intake Manifold 2 Change-Over Valve Short circuit to B+
P337500	Intake Manifold 2 Change-Over Valve Open circuit/short circuit to ground
P337600	Intake Air Temperature Sensor 3 Signal too low
P337700	Intake Air Temperature Sensor 3 Signal too high
P337800	Intake Air Temperature Sensor 3 Implausible signal
P337900	NG high pressure valve -N372 Open circuit
P337A00	Voltage supply relay Short circuit to B+
P337B00	Voltage supply relay Short circuit to ground
P337C00	Voltage supply relay Open circuit
P337D00	Relay for shut-off valve for gas high-pressure valve Short circuit to B+
P337E00	Relay for shut-off valve for gas high-pressure valve Short circuit to ground
P337F00	Relay for shut-off valve for gas high-pressure valve Open circuit
P338000	NG high pressure valve -N372 Short circuit to B+
P338100	NG high pressure valve -N372 Short circuit to ground

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P-Code	P-Code Text
P338200	Fuel Tank Pressure (FTP) Sensor -G400 Open circuit
P338300	Fuel Tank Pressure (FTP) Sensor -G400 Short circuit to B+
P338400	Fuel Tank Pressure (FTP) Sensor -G400 Short circuit to ground
P338500	Fuel rail sensor -G401 Open circuit
P338600	Fuel rail sensor -G401 Short circuit to B+
P338700	Fuel rail sensor -G401 Short circuit to ground
P338800	Fuel injection valve 1 -N366 Open circuit
P338900	Fuel injection valve 1 -N366 Short circuit to B+
P338A00	Fuel Tank Pressure (FTP) Sensor -G400 Implausible signal
P338B00	Fuel Tank Level Sensor Short circuit to B+
P338C00	Fuel Tank Level Sensor Short circuit to ground
P338D00	Fuel Tank Level Sensor Implausible signal
P338E00	Indicator light for operating mode switch-over Short circuit to B+
P338F00	Indicator light for operating mode switch-over Short circuit to ground
P339000	Fuel injection valve 1 -N366 Short circuit to ground
P339100	Fuel injection valve 2 -N367 Open circuit
P339200	Fuel injection valve 2 -N367 Short circuit to B+
P339300	Fuel injection valve 2 -N367 Short circuit to ground
P339400	Fuel injection valve 3 -N368 Open circuit
P339500	Fuel injection valve 3 -N368 Short circuit to B+
P339600	Fuel injection valve 3 -N368 Short circuit to ground
P339700	Fuel injection valve 4 -N369 Open circuit
P339800	Fuel injection valve 4 -N369 Short circuit to B+
P339900	Fuel injection valve 4 -N369 Short circuit to ground
P339A00	Shut-Off valve 1 for NG fuel tank Short circuit to B+
P339B00	Shut-Off valve 1 for NG fuel tank Short circuit to ground
P339C00	Shut-Off valve 1 for NG fuel tank Open circuit
P339D00	Shut-Off valve 2 for NG fuel tank Short circuit to B+
P339E00	Shut-Off valve 2 for NG fuel tank Short circuit to ground
P339F00	Shut-Off valve 2 for NG fuel tank Open circuit
P33A000	Shut-Off valve 3 for NG fuel tank Short circuit to B+
P33A100	Shut-Off valve 3 for NG fuel tank Short circuit to ground
P33A200	Shut-Off valve 3 for NG fuel tank Open circuit
P33A300	Shut-Off valve 4 for NG fuel tank Short circuit to B+
P33A400	Shut-Off valve 4 for NG fuel tank Short circuit to ground
P33A500	Shut-Off valve 4 for NG fuel tank Open circuit
P33A600	Fuel tank shut-off valve Leak detected
P33A700	Fuel tank shut-off valve relay Short circuit to B+
P33A800	Fuel tank shut-off valve relay Short circuit to ground
P33A900	Fuel tank shut-off valve relay Open circuit
P33AA00	Cylinder 1 between engine and fuel control module Signal line electrical malfunction
P33AB00	Cylinder 2 between engine and fuel control module Signal line electrical malfunction
P33AC00	Cylinder 3 between engine and fuel control module Signal line electrical malfunction
P33AD00	Cylinder 4 between engine and fuel control module Signal line electrical malfunction
P33AE00	Operating mode switch Electrical malfunction
P340100	Cylinder 1 Deactivation/Intake Valve Control Circuit/Open
P340300	Cylinder 1 Deactivation/Intake Valve Control Circuit Low
P340400	Cylinder 1 Deactivation/Intake Valve Control Circuit High
P340900	Cylinder 2 Deactivation/Intake Valve Control Circuit/Open
P341100	Cylinder 2 Deactivation/Intake Valve Control Circuit Low
P341200	Cylinder 2 Deactivation/Intake Valve Control Circuit High
P341700	Cylinder 3 Deactivation/Intake Valve Control Circuit/Open
P341900	Cylinder 3 Deactivation/Intake Valve Control Circuit Low
P342000	Cylinder 3 Deactivation/Intake Valve Control Circuit High
P342500	Cylinder 4 Deactivation/Intake Valve Control Circuit/Open
P342700	Cylinder 4 Deactivation/Intake Valve Control Circuit Low
P342800	Cylinder 4 Deactivation/Intake Valve Control Circuit High
P343300	Cylinder 5 Deactivation/Intake Valve Control Circuit/Open
P343400	Cylinder 5 Deactivation/Intake Valve Control Circuit Performance
P343500	Cylinder 5 Deactivation/Intake Valve Control Circuit Low

P-Code	P-Code Text
P343600	Cylinder 5 Deactivation/Intake Valve Control Circuit High
P344100	Cylinder 6 Deactivation/Intake Valve Control Circuit/Open
P344200	Cylinder 6 Deactivation/Intake Valve Control Circuit Performance
P344300	Cylinder 6 Deactivation/Intake Valve Control Circuit Low
P344400	Cylinder 6 Deactivation/Intake Valve Control Circuit High
P344900	Cylinder 7 Deactivation/Intake Valve Control Circuit/Open
P345000	Cylinder 7 Deactivation/Intake Valve Control Circuit Performance
P345100	Cylinder 7 Deactivation/Intake Valve Control Circuit Low
P345200	Cylinder 7 Deactivation/Intake Valve Control Circuit High
P345700	Cylinder 8 Deactivation/Intake Valve Control Circuit/Open
P345800	Cylinder 8 Deactivation/Intake Valve Control Circuit Performance
P345900	Cylinder 8 Deactivation/Intake Valve Control Circuit Low
P346000	Cylinder 8 Deactivation/Intake Valve Control Circuit High

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Bentley DTC List

U-Code	U-Code Text
U000100	High Speed CAN Communication Bus
U000200	High Speed CAN Communication Bus Performance
U000900	High Speed CAN Communication Bus (-) shorted to Bus (+)
U001000	Medium Speed CAN Communication Bus
U001100	Medium Speed CAN Communication Bus Performance
U001800	Medium Speed CAN Communication Bus (-) shorted to Bus (+)
U002800	Vehicle Communication Bus A
U002900	Vehicle Communication Bus A Performance
U003700	Vehicle Communication Bus B
U003800	Vehicle Communication Bus B Performance
U004600	Vehicle Communication Bus C
U004700	Vehicle Communication Bus C Performance
U005400	Vehicle Communication Bus C (-) shorted to Bus C (+)
U005500	Vehicle Communication Bus D
U005600	Vehicle Communication Bus D Performance
U006300	Vehicle Communication Bus D (-) shorted to Bus D (+)
U006400	Vehicle Communication Bus E
U006500	Vehicle Communication Bus E Performance
U007200	Vehicle Communication Bus E (-) shorted to Bus E (+)
U010000	Lost Communication with ECM/PCM
U010100	Lost Communication with TCM
U010300	Lost Communication with Gear Shift Module
U010400	Lost Communication With Cruise Control Module
U010500	Lost Communication With Fuel Injector Control Module
U010600	Lost Communication With Glow Plug Control Module
U010900	Lost Communication With Fuel Pump Control Module
U010C00	Lost Communication With Turbocharger/Supercharger Control Module "A"
U010D00	Lost Communication With Turbocharger/Supercharger Control Module "B"
U010E00	Lost Communication With Reductant Control Module
U011000	Lost Communication With Drive Motor Control Module "A"
U011100	Lost Communication With Battery Energy Control Module "A"
U011200	Lost Communication With Battery Energy Control Module "B"
U011400	Lost Communication With Four-Wheel Drive Clutch Control Module
U011500	Lost Communication With ECM/PCM "B"
U012100	Lost Communication With Anti-Lock Brake System (ABS) Control Module
U012200	Lost Communication With Vehicle Dynamics Control Module
U012300	Lost Communication With Yaw Rate Sensor Module
U012500	Lost Communication With Multi-axis Acceleration Sensor Module
U012600	Lost Communication With Steering Angle Sensor Module
U012700	Lost Communication With Tire Pressure Monitor Module
U012800	Lost Communication With Brake System Control Module
U013000	Lost Communication With Steering Effort Control Module
U013100	Lost Communication With Power Steering Control Module
U013200	Lost Communication With Suspension Control Module "A"
U013900	Lost Communication With Suspension Control Module "B"
U014000	Lost Communication With Body Control Module
U014100	Lost Communication With Body Control Module "A"
U014200	Lost Communication With Body Control Module "B"
U014600	Lost Communication With Gateway "A"
U015100	Lost Communication With Restraints Control Module
U015500	Lost Communication With Instrument Panel Cluster (IPC) Control Module
U015900	Lost Communication With Parking Assist Control Module "A"
U016300	Lost Communication With Navigation Control Module
U016400	Lost Communication With HVAC Control Module
U016600	Lost Communication With Auxiliary Heater Control Module
U016700	Lost Communication With Vehicle Immobilizer Control Module
U017E00	Lost Communication With Seatbelt Pretensioner Module "A"
U017F00	Lost Communication With Seatbelt Pretensioner Module "B"
U018300	Lost Communication With Lighting Control Module Rear
U019800	Lost Communication With Telematic Control Module

Bentley DTC List

U-Code	U-Code Text
U019900	Lost Communication With "Door Control Module A"
U019B00	Lost Communication With Battery Charger Control Module
U019C00	Lost Communication With Glow Plug Control Module 2
U020000	Lost Communication With "Door Control Module B"
U020100	Lost Communication With "Door Control Module C"
U020200	Lost Communication With "Door Control Module D"
U020300	Lost Communication With "Door Control Module E"
U020400	Lost Communication With "Door Control Module F"
U020600	Lost Communication With Folding Top Control Module
U020700	Lost Communication With Moveable Roof Control Module
U020800	Lost Communication With "Seat Control Module A"
U020900	Lost Communication With "Seat Control Module B"
U021200	Lost Communication With Steering Column Control Module
U023500	Lost Communication With Cruise Control Front Distance Range Sensor
U023600	Lost Communication With Column Lock Module
U025700	Lost Communication With Front Controls/Display Interface Module
U029200	Lost Communication With Drive Motor Control Module "B"
U029800	Lost Communication With DC to DC Converter Control Module "A"
U029900	Lost Communication With DC to DC Converter Control Module "B"
U030100	Software Incompatibility With ECM/PCM
U030200	Software Incompatibility with Transmission Control Module
U030500	Software Incompatibility With with Cruise Control Module
U030700	Software Incompatibility With Glow Plug Control Module
U030B00	Software Incompatibility with Glow Plug Control Module 2
U031500	Software Incompatibility with Anti-Lock Brake System Control Module
U031700	Software Incompatibility with Park Brake Control Module
U032100	Software Incompatibility with Suspension Control Module
U032200	Software Incompatibility With Body Control Module
U032300	Software Incompatibility With Instrument Panel Control Module
U040100	Invalid Data Received From ECM/PCM "A"
U040200	Invalid Data Received From Transmission Control Module
U040400	Invalid Data Received From Gear Shift Control Module
U040500	Invalid Data Received From Cruise Control Module
U040600	Invalid Data Received From Fuel Injector Control Module
U040700	Invalid Data Received From Glow Plug Control Module
U040D00	Invalid Data Received From Turbocharger/Supercharger Control Module "A"
U040E00	Invalid Data Received From Turbocharger/Supercharger Control Module "B"
U040F00	Invalid Data Received From Reductant Control Module
U041000	Invalid Data Received From Fuel Pump Control Module
U041100	Invalid Data Received From Drive Motor Control Module "A"
U041200	Invalid Data Received From Battery Energy Control Module "A"
U041300	Invalid Data Received From Battery Energy Control Module "B"
U041400	Invalid Data Received From Four-Wheel Drive Clutch Control Module
U041500	Invalid Data Received From Anti-Lock Brake System Control Module
U041600	Invalid Data Received From Vehicle Dynamics Control Module
U041700	Invalid Data Received From Park Brake Control Module
U041900	Invalid Data Received From Steering Effort Control Module
U042100	Invalid Data Received From Suspension Control Module
U042200	Invalid Data Received From Body Control Module
U042300	Invalid Data Received From Instrument Panel Cluster Control Module
U042400	Invalid Data Received From HVAC Control Module
U042500	Invalid Data Received From Auxiliary Heater Control Module
U042600	Invalid Data Received From Vehicle Immobilizer Control Module
U042800	Invalid Data Received From Steering Angle Sensor Module
U042900	Invalid Data Received From Steering Column Control Module
U043000	Invalid Data Received From Tire Pressure Monitor Module
U043100	Invalid Data Received From Body Control Module "A"
U043200	Invalid Data Received Fr. Multi-axis Acceleration Sensor Module
U043300	Invalid Data Received From Cruise Control Front Distance Range Sensor
U044200	Invalid Data Received From ECM/PCM "B"

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U-Code	U-Code Text
U044300	Invalid Data Received From Body Control Module "B"
U044700	Invalid Data Received From Gateway "A"
U045200	Invalid Data Received From Restraints Control Module
U045A00	Invalid Data Received From Parking Assist Control Module "A"
U046400	Invalid Data Received From Navigation Control Module
U047F00	Invalid Data Received From Seatbelt Pretensioner Module "A"
U048000	Invalid Data Received From Seatbelt Pretensioner Module "B"
U048400	Invalid Data Received From Lighting Control Module Rear
U049900	Invalid Data Received From Telematic Control Module
U049A00	Invalid Data Received From "Door Control Module A"
U049C00	Invalid Data Received From Battery Charger Control Module
U049D00	Invalid Data Received From Glow Plug Control Module 2
U050100	Invalid Data Received From "Door Control Module B"
U050200	Invalid Data Received From "Door Control Module C"
U050300	Invalid Data Received From "Door Control Module D"
U050800	Invalid Data Received From Moveable Roof Control Module
U053700	Invalid Data Received From Column Lock Module
U059300	Invalid Data Received From Drive Motor Control Module "B"
U059900	Invalid Data Received From DC to DC Converter Control Module "A"
U059A00	Invalid Data Received From DC to DC Converter Control Module "B"
U100000	Central control module for comfort system -J393- No Communication
U100100	Central control module for comfort system -J393- Implausible signal
U100200	Central control module for comfort system -J393- Read out DTC
U100300	Towing recognition control module -J345 No Communication
U100400	Towing recognition control module -J345 Implausible signal
U100500	Towing recognition control module -J345 Read out DTC
U100600	NOX Sensor 1 Bank 1 No communication
U100700	Control unit for battery monitoring Read out DTC
U100800	Data bus on board diagnostic interface - J533 Read out DTC
U100900	Data bus on board diagnostic interface - J533 implausible message
U100A00	Access and start authorization No communication
U100B00	Access and start authorization Implausible signal
U100C00	Brake control module no communication due to low voltage
U100D00	Local data bus for actuators and sensors Faulty
U100E00	Instrument cluster control module Wheel circumference implausible
U100F00	Special Purpose Vehicle Control Module No communication
U101000	Electrical Parking Brake Control Module Read out DTC
U101100	Supply voltage Voltage too low
U101200	Supply voltage Voltage too high
U101300	Control module not coded
U101400	Control module incorrectly coded
U101500	Brake control module No communication
U101600	Brake control module Implausible signal
U101700	ABS brake control module Read out DTC
U101800	Instrument cluster control module Missing signal ambient temperature
U101900	Instrument cluster control module Missing signal oil level/temperature
U101A00	Selector lever No communication to instrument cluster control module
U101B00	Selector lever No communication to Transmission Control Module
U101C00	Selector lever No communication to data bus on board diagnostic interface
U101D00	Power Steering Control Module No communication
U101E00	Headlight Range Control Module No communication
U101F00	Engine control module (ECM) Read out DTC
U102000	Active steering control module Read out DTC
U102100	Body computer 1/ veh. elec sys CM / el. cc Read out DTC
U102200	Body computer 2 / Central module for comfort system Read out DTC
U102300	Distance regulation control module Read out DTC
U102400	Instrument cluster control module Read out DTC
U102500	A/C control module Read out DTC
U102600	Transmission control module Read out DTC
U102700	Speedometer Vehicle Speed Sensor (VSS) Upper limit exceeded

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U-Code	U-Code Text
U102800	Lost Communication With Steering Column Control Module Read out DTC
U102900	Access/Start Authorization Control Module Read out DTC
U102A00	Internal (Master/Slave) CAN 2 Faulty
U102B00	Internal (Master/Slave) CAN 2 No communication
U102C00	ESP Read out DTC
U102D00	Steering angle sensor Read out DTC
U102E00	Radiator Identification Sensor Implausible signal
U102F00	Radiator Identification Sensor No Communication
U103000	Local data bus Electrical malfunction
U103100	FlexRay data bus No synchronization
U103200	FlexRay data bus Initialization failed
U103300	FlexRay data bus Electrical malfunction
U103400	NOX Sensor 1 Bank 1 Implausible signal
U103500	NOX Sensor 1 Bank 2 Implausible signal
U103600	NOX Sensor 1 Bank 2 No Communication
U103700	Headlight Range Control Module Implausible signal
U103800	Seat/Mirror Position Control Module Driver side Implausible signal
U103900	Seat/Mirror Position Control Module Passenger side Implausible signal
U103A00	Special Purpose Vehicle Control Module Implausible signal
U103B00	A/C compressor No Communication
U103C00	A/C compressor Implausible signal
U103D00	Control module for trip odometer No communication
U103E00	Brake Booster Control Module No communication
U103F00	Brake Booster Control Module Implausible signal
U104000	Differential Lock Control Module No communication
U104100	Differential Lock Control Module Implausible signal
U104200	Control module for trip odometer Implausible signal
U104300	Directional Stabilization Assistance Contr Module No communication
U104400	Directional Stabilization Assistance Contr Module Implausible signal
U104500	Lane change assistant control module No communication
U104600	Lane change assistant control module Implausible signal
U104700	Control module for rear lid electronics No communication
U104800	FlexRay data bus Faulty
U104900	Optical data bus Open circuit
U104A00	Optical data bus No Communication
U104B00	Local data bus Implausible signal
U104C00	Rear View Camera System Control Module No communication
U104D00	Rear View Camera System Control Module Implausible signal
U104E00	Parallel parking assistance control module No communication
U104F00	Parallel parking assistance control module Implausible signal
U105000	Control unit for battery monitoring No Communication
U105100	Control unit for battery monitoring Implausible signal
U105200	Generator No Communication
U105300	Generator Implausible signal
U105400	Control unit for information electronics 1 No Communication
U105500	Control unit for information electronics 1 Implausible signal
U105600	Control unit for information electronics 2 No Communication
U105700	Control unit for information electronics 2 Implausible signal
U105800	Telephone Transceiver No Communication
U105900	Telephone Transceiver Implausible signal
U105A00	Control unit navigation system No Communication
U105B00	Control unit navigation system Implausible signal
U105C00	TV tuner No Communication
U105D00	TV tuner Implausible signal
U105E00	Media player in position 1 No Communication
U105F00	Media player in position 1 Implausible signal
U106000	Media player in position 2 No Communication
U106100	Media player in position 2 Implausible signal
U106200	Media player in position 3 No Communication
U106300	Media player in position 3 Implausible signal

Bentley DTC List

U-Code	U-Code Text
U106400	Media player in position 4 No Communication
U106500	Media player in position 4 Implausible signal
U106600	Radio No Communication
U106700	Radio Implausible signal
U106800	digital satellite radio tuner No Communication
U106900	digital satellite radio tuner Implausible signal
U106A00	Digital Sound System Control Module No Communication
U106B00	Digital Sound System Control Module Implausible signal
U106C00	Control unit for voice input No Communication
U106D00	Control unit for voice input Implausible signal
U106E00	FlexRay data bus Signal error
U106F00	Vehicle positioning system interface control module No Communication
U107000	High Beam Assistant Control Module No Communication
U107100	Automatic distance regulation 2 No communication
U107200	Rear A/C control module No communication
U107300	Rear seat control module, driver side No communication
U107400	Rear seat control module, passenger side No communication
U107500	Night-vision system control module No communication
U107600	Local data bus 2 Electrical malfunction
U107700	Sensor electronics control module No communication
U107800	Control module 2 for distance control No communication
U107900	Image processing control module No communication
U107A00	Camera control module No communication
U107B00	Night-vision system control module No communication
U107C00	Left front belt tensioner control module No communication
U107D00	Right front belt tensioner control module No communication
U107E00	Comfort system central control module 2 No communication
U107F00	Left rear seat ventilation control module No Communication
U108000	Left rear seat ventilation control module Implausible signal
U108100	Right Rear Seat Ventilation Control Module No Communication
U108200	Right Rear Seat Ventilation Control Module Implausible signal
U108300	Driver side multicontour seat control module No Communication
U108400	Driver side multicontour seat control module Implausible signal
U108500	Passenger side multicontour seat control module No Communication
U108600	Passenger side multicontour seat control module Implausible signal
U108700	Rear driver side multicontour seat control module No Communication
U108800	Rear driver side multicontour seat control module Implausible signal
U108900	Rear passenger side multicontour seat control module No Communication
U108A00	Rear passenger side multicontour seat control module Implausible signal
U108B00	Level Control System Control Module Implausible signal
U108C00	Level Control System Control Module Read out DTC
U108D00	Sensor electronics control module Implausible signal
U108E00	Control Module in Steering Wheel No Communication
U108F00	Control Module in Steering Wheel Implausible signal
U109000	Suspension sensors data bus Faulty
U109100	Suspension sensors data bus No communication
U109200	Awakening wire from Access/Start Control Module Short circuit to B+
U109300	Awakening wire from Access/Start Control Module Open circuit/short circuit to ground
U109400	Clutch pedal switch 2 Implausible signal
U109500	ESCL control module No communication
U109600	Analog clock No communication
U109700	Analog clock Implausible signal
U109800	Convertible top control module No communication
U109900	Auxiliary Air Heater Control Module No communication
U109A00	Driver Entry Assistance Control Module No communication
U109B00	Passenger Entry Assistance Control Module No communication
U109C00	Rear Information Display Control Head No communication
U109D00	Rear Lid Electronics Control Module 2 No communication
U109E00	Vehicle Position Recognition Control Module No communication
U109F00	Telephone Control Head Control Module No communication

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U-Code	U-Code Text
U10A000	Roof display unit No communication
U10A100	Stabilizer control module No communication
U10A200	Sensor Electronics Control Module 2 No communication
U10A300	Wiper motor control module No communication
U10A400	Electronic Steering Column Lock Control Module No communication
U10A500	Lane change assistant control module 2 No communication
U10A600	Roof blind control module No communication
U10A700	Towing Protection Control Module No communication
U10A800	Instrument panel data bus Faulty
U10A900	Suspension data bus Faulty
U10AA00	Data bus display/operation Faulty
U10AB00	Instrument panel data bus No communication
U10AC00	Suspension data bus No communication
U10AD00	Data bus display/operation No communication
U10AE00	Suspension data bus Single wire mode
U10AF00	Data bus display/operation Single wire mode
U10B000	ESP-Sensor unit 2 No communication
U10B100	ESP-Sensor unit 2 Implausible signal
U10B200	Voltage stabilizer No communication
U10B300	Rear driver side seat adjustment control module No communication
U10B400	Rear passenger side seat adjustment control module No communication
U10B500	Microphone control module No communication
U10B600	Head-up display control module No communication
U10B700	Arm rest adjustment control module No communication
U10B800	Local data bus Faulty
U10B900	Interface for Infotainment No communication
U10BA00	Local data bus No communication
U10BB00	Power Steering Control Module Implausible signal
U10BC00	Coding not possible
U10BD00	Control module for ABS brake on FlexRay data bus No communication
U10BE00	Control module for all-wheel drive on FlexRay data bus No communication
U10BF00	Voltage stabilizer Implausible signal
U10C000	Control module for instrument panel insert on optical data bus No communication
U10C100	NOX Sensor 2 Bank 1 Implausible signal
U10C200	NOX Sensor 2 Bank 1 No Communication
U10C300	No events stored
U10C400	Not all events stored
U10C500	Brake (ESP) control module No or incorrect basic setting
U10C600	Electric parking brake control module (EPB) No or incorrect basic setting
U10C700	Local data bus 2 No communication
U10C800	Local data bus 3 No communication
U10C900	Local data bus 4 No communication
U10CA00	Optical data bus for information electronics 1 Sporadic disruption
U10CB00	Optical data bus for radio Sporadic disruption
U10CC00	Optical data bus for digital sound system Sporadic disruption
U10CD00	Optical data bus for TV tuner Sporadic disruption
U10CE00	Optical data bus for media player position 1 Sporadic disruption
U10CF00	Optical data bus for display in instrument cluster Sporadic disruption
U10D000	Optical data bus for information electronics 2 Sporadic disruption
U10D100	Optical data bus for information electronics 1 Open circuit
U10D200	Optical data bus for radio Open circuit
U10D300	Optical data bus for digital sound system Open circuit
U10D400	Optical data bus for TV tuner Open circuit
U10D500	Optical data bus for media player position 1 Open circuit
U10D600	Optical data bus for display in instrument cluster Open circuit
U10D700	Optical data bus for information electronics 2 Open circuit
U10D800	Wire for ring break diagnostic Short circuit to ground
U10D900	Incorrect vehicle type
U10DA00	Coding invalid
U10DB00	Local data bus 3 Electrical malfunction

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U-Code	U-Code Text
U10DC00	Local data bus 4 Electrical malfunction
U10DD00	Clutch actuator missing message
U10DE00	Clutch actuator implausible message
U10DF00	Actuator for structure-borne noise No communication
U10E000	Front sensor system for driver assistance systems No communication
U10E100	Emergency-call module No communication
U10E200	Display unit 1 for multimedia system No communication
U10E300	Display unit 2 for multimedia system No communication
U10E400	Multimedia system control unit No communication
U10E500	Transmission control module on hybrid CAN No communication
U10E600	Transmission control module on hybrid CAN Implausible signal
U10E700	Engine control module on hybrid CAN No communication
U10E800	Engine control module on hybrid CAN Implausible signal
U10E900	Interface for sub-bus systems No communication
U10EA00	Hybrid battery management on Hybrid CAN Implausible signal
U10EB00	Power electronics for electric drive on Hybrid CAD Implausible signal
U10EC00	Internal CAN Implausible signal
U10ED00	Structure-borne noise control module No communication
U10EE00	Battery monitoring control unit 2 Implausible signal
U10EF00	Battery monitoring control unit 2 Faulty
U10F000	Battery monitoring control unit 2 No communication
U10F100	Assembly mounting control module No communication
U10F200	Coding not possible Incorrect information from diagnostic interface for data bus
U10F300	Sirens / alarm horn for anti-theft warning system No communication
U10F400	Sensor for anti-theft warning system No communication
U10F500	Humidity sensor No communication
U10F600	Rain/light recognition sensor No communication
U10F700	Hybrid battery fan 1 No communication
U10F800	Hybrid battery fan 1 Implausible signal
U10F900	Assembly mounting control module Implausible signal
U10FA00	Local data bus Single wire mode
U10FB00	Sensor system data bus No communication
U10FC00	Sensor system data bus Faulty
U10FD00	Control module for engine noise generation No communication
U110000	Component protection No basic setting
U110100	Component protection active
U110200	Local data bus for actuators and sensors No communication
U110300	Production mode active
U110400	Expanded bus operation active
U110500	Transport mode active
U110600	Customer service mode active
U111000	Function restriction due to communication interruption
U111100	Function limitation due to missing message
U111200	Function limitation due to implausible message
U111300	Function limitation due to received malfunction value
U112100	Databus missing message
U112200	Databus implausible message
U112300	Databus error value received
U113000	Ion current system 1, no communication
U113100	Ion current system 2, no communication
U113200	Power output stage, no communication
U120000	Data bus Faulty
U120100	Data bus No communication
U120200	Data bus diagnostics Faulty
U140000	Function restriction due to insufficient voltage
U140100	Function restriction due to excessive voltage
U140200	Consumer disconnection active
U140300	Function restriction due to high-volt undervoltage
U140400	Function restriction due to high-volt overvoltage
U140500	Terminal 15 Implausible signal

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U-Code	U-Code Text
U140600	Static current too high
U140700	Terminal 30 Implausible signal
U140800	Internal voltage measurement Implausible signal
U140900	Internal temperature measurement Implausible signal
U140A00	Terminal 30 Open circuit
U140B00	Energy management active
U140C00	Reductant Control Module Supply Voltage Too Low
U140D00	Reductant Control Module Supply Voltage Too High
U140E00	Reductant Control Module Function restriction due to insufficient voltage
U140F00	Reductant Control Module Function restriction due to excessive voltage
U300100	Control Module Improper Shutdown



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