9003059 03/29/2017 MY13 – 17 DS MY14-17 D2, DJ, DP MY 16, 17 DF MY17 JC, RT

GPOP - Issue Review System

Part Number: 1EW63TZZA$, 1EW63TRMA$

Part Description: Park Assist Sensor

Issue Description: 1) Active or Stored DTC of Signal Shape / Waveform Failure fault: B128E-25, B128F-25, B1290-25, B1291-25, B1292-25, B1293-25, B1295-25, B1296-25, B1297-25, and/or B1298-25, check for snow/mud/ice/obstruction and clean the Sensors, both front and back (behind bumper) of sensor.

The snow/mud/ice can be behind the bumper, sensor retainer and/or the sensor which may cause customers to think they have an issue since they cleaned the front of the sensor/bumper, but not behind where dirt/mud/ice snow can accumulate.

Once the Bumper and Sensors are completely cleaned and clear of snow, mud, ice, and/or obstruction, the sensors must activate in order for the faults to go STORED. After cleaning the Bumper and Sensors, turn off the engine, wait 10 seconds, turn on the engine and then place the vehicle in REVERSE so that the sensors activate. The faults will go STORED.

2) Active or Stored DTC code of Short to Ground fault: B128E-11, B128F-11, B1290-11, B1291-11, B1292-11, B1293-11, B1294-11, B1295-11, B1296-11, and/or B1298-11, or if you have an active or stored DTC code of Performance or Incorrect Operation fault: B128E-92, B128F-92, B1290-92, B1291-92, B1293-92, B1294-92, B1295-92, B1296-92, B1297-92, and/or B1298-92, then check the wiring behind the sensor. Specifically, ensure that the connector behind the park assist sensor is fully mounted. Ensure also, there is no dirt, corrosion, or damage in this connector behind the park assist sensor as this will also cause a Short to Ground fault.

With potential wiring issues addressed, the sensors must activate in order for the faults to go STORED. After all sensors are properly connected (you will likely hear a click once the connector is fully seated on the sensor), turn off the engine, wait 10 seconds, turn on the engine and then place the vehicle in REVERSE so that the sensors activate. The faults will go STORED.

3) If you are replacing multiple park assist sensors because either all the front or all the rear park assist sensors are throwing Short to Ground faults, then check either the rear or front inline connector depending whether it is the rear or front having the problem. The rear or front inline connector contains all wiring for the rear and front park assist sensors and so if the connector is not fully seated or there is damage to the connector, it will cause all front or rear park assist sensors to throw Short to Ground faults.

If you have completed the procedure above and are still experiencing faults, please contact Jeremy Whitehead (248) 576-1539. If you do not receive a call back within 15 minutes, then please proceed with the repair, but document all available information for a follow-up call.~

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Contact us at CAGRIS@Chrysler.com for feedback related only to this GPOP TechTip. Please include the Part Number(s) and TechTip Part Description of the TechTip you are referencing for our tracking system.