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Symptom/Vehicle Issue: Instrument Panel Cluster (IPC) Message "Park Assist System Unavailable" or "Service Park Assist System", "Rear Braking Assist Unavailable" or "Service Rear Braking Assist System" with Performance Diagnostic Trouble Codes (DTCs)

Models Affected:

2022-2027 Jeep Grand Cherokee (WL)
2022-2027 Jeep Grand Wagoneer (WS)

Customer Complaint/Technician Observation: Owner complains of the above cluster messages. The technician observed the following DTCs.

DTC	Description
B128E-92	PTS Sensor 1 - Performance or Incorrect Operation
B128F-92	PTS Sensor 2 - Performance or Incorrect Operation
B1290-92	PTS Sensor 3 - Performance or Incorrect Operation
B1291-92	PTS Sensor 4 - Performance or Incorrect Operation
B1292-92	PTS Sensor 5 - Performance or Incorrect Operation
B1293-92	PTS Sensor 6 - Performance or Incorrect Operation
B1294-92	PTS Sensor 7 - Performance or Incorrect Operation
B1295-92	PTS Sensor 8 - Performance or Incorrect Operation
B1296-92	PTS Sensor 9 - Performance or Incorrect Operation
B1297-92	PTS Sensor 10 - Performance or Incorrect Operation
B1298-92	PTS Sensor 11 - Performance or Incorrect Operation
B1299-92	PTS Sensor 12 - Performance or Incorrect Operation

Repair Procedure:

Step 1: If there are any of the above performance DTCs, check the Park Assist Sensor for Physical Damage. A physically damaged sensor can result in the park assist system not functioning and/or performance issues. This can include damage from road debris, dirt , impact, corrosion, or repair damage from removing or installing improperly.

This document does not authorize warranty repairs. This communication documents a record of past experiences. STAR Online does not provide any conclusions about what is wrong with the vehicle. Rather, it captures all previous cases known that appear to be similar or related to the vehicle symptom / condition. You are the expert, and you are responsible for deciding on the appropriate course of action.

Contact STAR Center, or your Technical Assistance Center Via TechConnect, eCONTACT or Service Library entry if no solution is found.



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* Please remove and install sensors carefully when performing repairs. Follow the published service procedures to ensure no servicing damage.

* If the park assist sensor(s) has physical damage prior to servicing, it is **not** considered a defect in material or workmanship. See examples:



Note: If Park Assist Sensor has physical damage, it is a non-warrantable part.

* If corrosion is visible in sensor connector area on a vehicle within warranty, the Labor Operation (LOP) should be assigned to a wiring repair. Only use the Park Assist sensor LOP if the sensor is replaced.

If the Park Assist Sensor is found in good condition (no physical damage prior to servicing), please proceed to Step 2.

Step 2: Please refer Service Library (SL) for DTC-Based Diagnostics / MODULE, Park Assist Module (PAM) / Diagnosis and Testing procedure to further diagnose the issue as needed.

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