

Technical Service Bulletin (TSB)

Front and Rear Axle Sensor Kit

REFERENCE:	TSB: 03-002-24 GROUP: 03 - Differential and Driveline	Date:	January 23, 2024	REVISION:	03-003-22
VEHICLES AFFECTED:	2018 - **2023** (JL) Jeep Wrangler 2018 - **2023** (JT) Jeep Gladiator This bulletin applies to vehicles built on and before November 24, 2022 (MDH 1124XX) equipped with Tru-Lok Front & Rear Axles (Sales Code DSE).			MARKET APPLICABILITY: ☒ NA☐ MEA ☐ SA☐ IAP ☐ EE☒ **CH**	
CUSTOMER SYMPTOM:	**Customers may experience a Malfunction Indicator Lamp (MIL) illumination. Upon further investigation the technician may find that the following Diagnostic Trouble Code (DTC) has been set: C1451-11 - Service Axle Locker System** Customers may also comment on a Service Axle Locker message displayed in the Electronic Vehicle Information Center (EVIC) for this condition.				
CAUSE:	Failed front or Rear Axle Locker Sensor.				

This bulletin supersedes Technical Service Bulletin (TSB) 03-003-22, date of issue July 14, 2022, which should be removed from your files. All revisions are highlighted with ****asterisks**** and include a new market, model year and a new DTC.

DISCUSSION:

A service kit (Sensor Kit, Axle: 68544629AA) is available to repair the Axle Locker Sensor on the vehicles equipped with both the M210 and M220 Tru-Lok axles (Sales Code DSE). This parts kit must be used when the Axle Locker Sensor fails. Do not replace the Front or Rear Axle assemblies. Refer to the detailed service procedures available in DealerCONNECT/Service Library under: Service Info>03 - Differential and Driveline / Sensors / Removal and Installation / Axle Locker Sensor.

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