

<b>REFERENCE:</b>	<b>TSB:</b> 14-010-24 <b>GROUP:</b> 14 - Fuel System	<b>Date:</b>	December 20, 2024	<b>REVISION:</b>	14-006-23
<b>VEHICLES AFFECTED:</b>	<b>2023 (JT) Jeep Gladiator</b> This bulletin applies to vehicles built on or after December 01, 2022 (MDH 1201XX) and built on or before February 20, 2023 (MDH 0220XX) equipped with a 3.6L V6 24V VVT Engine Up Grade I W/ESS (Sales Code ERC).			<b>MARKET APPLICABILITY:</b>	
				<input checked="" type="checkbox"/> NA	<input checked="" type="checkbox"/> MEA
				<input checked="" type="checkbox"/> SA	<input checked="" type="checkbox"/> IAP
				<input checked="" type="checkbox"/> EE	<input checked="" type="checkbox"/> CH
<b>CUSTOMER SYMPTOM:</b>	<b>Customers may experience the following:</b> <ul style="list-style-type: none"> <li>Fuel gage reading incorrectly at 7/8 full after refueling.</li> </ul>				
<b>CAUSE:</b>	Fuel level sending unit float arm catching under vent line at top of the tank				

This bulletin supersedes Technical Service Bulletin (TSB) 14-006-23, date of issue July 29, 2023, which should be removed from your files. All revisions are highlighted with **\*\*asterisks\*\*** and include an updated part number in the Spare Parts table and updated Diagnosis statement.

**REPAIR SUMMARY:**

This bulletin involves replacing the fuel tank and possibly the fuel delivery module.

**CLAIMS DATA:**

Labor Operation No:	Labor Description	Skill Category	Labor Time
14-60-01-9K	Tank, Fuel - Replace (1 - Semi-Skilled)	1 - Engine Repair and Performance	1.5 Hrs.
Failure Code	ZZ	Service Action	

**SPARE PARTS:**

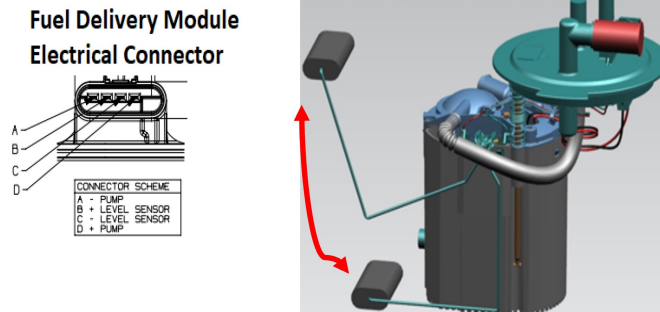
Qty	Part No.	Description	Notes
1 (AR)	<b>**68332305AD**</b>	Tank, Fuel Assembly	
1 (AR)	<b>**68413956AE **</b>	Module, Fuel Pump	
1 (AR)	<b>**68304753AA**</b>	O-ring	

**DIAGNOSIS:**

**\*\*If the customer describes any of the symptoms listed above in the customer symptom section, perform the Repair Procedure.\*\***

## REPAIR PROCEDURE:

1. Remove the existing fuel tank assembly. Refer to the detailed service procedures available in DealerCONNECT> Service Library under: 09 - Engine, 3.6L / Fuel System / Tank, Fuel / Removal.
2. Using a multimeter, perform an electrical resistance test of the fuel delivery module in 2 level sensor positions “empty stop” (51 Ohms) and “full stop” (992 Ohms) fuel delivery module electrical connector pins “B” and “C” Fig. 1.



**Fig. 1**

### Fuel Delivery Module

3. Did the fuel delivery module pass the electrical resistance test?
  - YES >>> Reuse the existing fuel delivery module. Proceed to [Step 5](#).
  - NO >>> Install a new fuel delivery module. Proceed to [Step 4](#).
4. Replace the fuel pump delivery module with a new O-ring and module into the new fuel tank. Refer to the detailed service procedures available in DealerCONNECT> Service Library under: 09 - Engine, 3.6L / Fuel System / Modules / Removal and Installation.
5. Install the existing fuel delivery module with a new O-ring into the new fuel tank.
6. Install new the fuel tank assembly. Refer to the detailed service procedures available in DealerCONNECT> Service Library under: 09 - Engine, 3.6L / Fuel System / Tank, Fuel / Installation.
7. Fill the new fuel tank with the removed fuel from the old fuel tank.
8. Start the vehicle, verify no fuel leaks.

## POLICY:

Reimbursable within the provisions of the warranty.

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