

Technical Service Bulletin (TSB)

Fuel Filler Cap Tether Too Long

REFERENCE:	TSB: 14-004-23 GROUP 14 - Fuel System	Date:	July 1, 2023	REVISION:	14-010-21
VEHICLES AFFECTED:	2021 – **2023** (JL) Jeep Wrangler **This bulletin applies to vehicles built on or before March 15, 2023 (MDH 0523XX) equipped with a 2.0L I4 DOHC DI Turbo PHEV Engine (Sales Code ECX).**			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 one or more of the following Diagnostic Trouble Codes (DTCs) have been set: - P04EC - EVAP System Large Leak Detected - Fuel Tank Side. - P04EE - EVAP System Very Small Leak Detected - Fuel Tank Side. Customers may also comment the following: - There is a "Check Gas Cap" message in the Instrument Panel Cluster (IPC). NOTE: The above condition is caused from an air leak through the fuel filler cap and fuel filler neck seal, because the fuel filler cap tether is caught between both.				
CAUSE:	There is an air leak through the fuel filler cap to fuel filler neck seal because the fuel filler cap tether gets caught between them.				

This bulletin supersedes Technical Service Bulletin (TSB) 14-010-21, date of issue September 18, 2021, which should be removed from your files. All revisions are highlighted with ****asterisks**** and include additional model years, build date, parts, steps and LOP.

This Technical Service Bulletin (TSB) has also been released as a Rapid Service Update (RSU) 21-137, date of issue September 18, 2021. All applicable RSU VINs have been loaded. To verify this RSU service action is applicable to the vehicle, use VIP or perform a VIN search in DealerCONNECT/Service Library. All repairs are reimbursable within the provisions of warranty. This RSU will expire 18 months after the date of issue.

REPAIR SUMMARY:

This bulletin involves removing the fuel filler cap tether and replacing it with a shorter tether.

CLAIMS DATA:

Labor Operation No:	Labor Description	Skill Category	Labor Time
**14-60-05-99	Tether, Fuel Filler Cap - Replace (0 - Introduction)	6 - Electrical and Body Systems	0.3 Hrs.
Failure code	CC	Customer Concern	

The dealer must use failure code CC with this Technical Service Bulletin.

- If the customer's concern matches the SYMPTOM identified in the Technical Service Bulletin, failure code CC is to be used.
- When utilizing this failure code, the 3C's (customer's concern, cause and correction) must be provided for processing Technical Service Bulletin flash/reprogramming conditions.

SPARE PARTS:

Qty	Part No.	Description	Notes
**1 (AR)	68412848AE	PHEV Fuel Cap	
1 (AR)	68509685AB	PHEV Fuel Door Tappet Base**	

DIAGNOSIS:

Using a Scan Tool (wiTECH) with the appropriate Diagnostic Procedures available in DealerCONNECT/Service Library, verify all related systems are functioning as designed. If DTCs or symptom conditions, other than the ones listed above are present, record the issues on the repair order and repair as necessary before proceeding further with this bulletin.

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

SPECIAL TOOLS/EQUIPMENT:

Description	Ref. No.	Notes
wiTECH or Equivalent	—	—

REPAIR PROCEDURE:

1. Open the fuel filler door.
2. Using a trim stick tool, remove the fuel filler cap tether fastener (Fig. 1) from the vehicle.

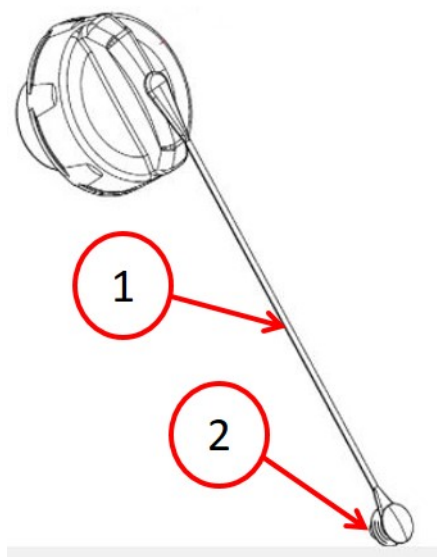


Fig. 1
Fuel Filler Cap Fastener And Tether

- 1 - Tether
2 - Fastener

3. Remove the fuel filler cap (Fig. 1) from the filler tube.
4. **Cut the existing tether near the base that is mounted in the back of housing and discard cap/tether (Fig. 1) .
5. Replace the tappet base on the fuel door with the new part.

6. Install tether onto the new mounting provision on the new tappet base.**
7. Install the new fuel filler cap tether (Fig. 1) on the fuel filler cap.
8. Install the fuel filler cap (Fig. 1) on the filler tube.
9. Close the fuel filler door and verify there is no binding with the tether.
10. Clear any DTCs that may have been set.

POLICY:

Reimbursable within the provisions of the warranty.

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