



**NUMBER:** 14-004-22 REV. A

**GROUP:** 14 - Fuel System

**DATE:** March 24, 2022

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**This bulletin supersedes Technical Service Bulletin (TSB) 14-004-22, date of issue February 23, 2022, which should be removed from your files. All revisions are highlighted with **\*\*asterisks\*\*** and include additional region.**

**SUBJECT:**

Updated Fuel Filler Cap and Fuel Filler Tube

**OVERVIEW:**

This bulletin involves updating the upper fuel filler tube and cap with improved versions.

**MODELS:**

2021 (JL) Jeep Wrangler

**NOTE: This bulletin applies to vehicles within the following markets/countries: North America and **\*\* APAC\*\***.**

**NOTE: This bulletin applies to vehicles built on or before October 21, 2021 (MDH 1021XX) equipped with a 2.0L I4 DOHC DI Turbo PHEV Engine (Sales Code ECX).**

**SYMPTOM/CONDITION:**

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.**

**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 the symptom/condition listed above or if the technician finds the DTC, perform the Repair Procedure.

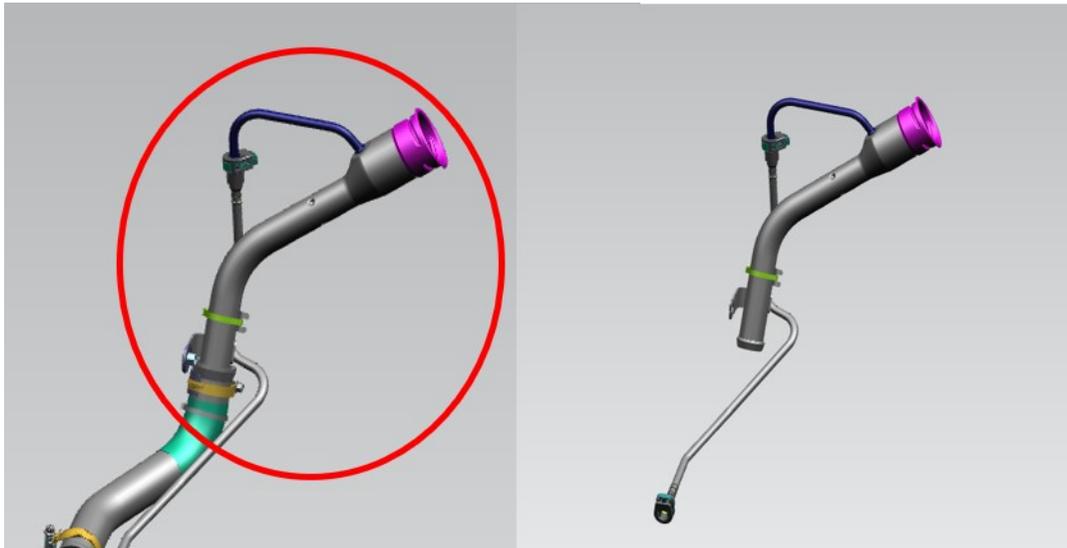
**PARTS REQUIRED:**

Qty.	Part No.	Description
1	68412848AC	Cap, Fuel Filler
1	68413327AD	Upper, Fuel Filler Tube

**NOTE:** Fuel filler cap and fuel filler tube must be replaced as a pair, they are not compatible with other fuel filler tubes or caps.

**REPAIR PROCEDURE:**

1. Remove and discard the fuel filler cap from the upper filler tube (Fig. 1) .
2. Install the new fuel filler cap on the filler tube (Fig. 1) .



**Fig. 1**  
**Upper Fuel Fill Tube**

3. Clear any DTCs that may have been set.

**POLICY:**

Reimbursable within the provisions of the warranty.

**TIME ALLOWANCE:**

Labor Operation No:	Description	Skill Category	Amount
14-60-15-9E	Fuel Tank Fill Tube, Includes Fuel Fill Cap and Clear DTC Fault Codes - Replace (2 -Skilled)	1 - Engine Repair and Performance	0.6 Hrs.

**FAILURE CODE:**

ZZ	Service Action
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