

Technical Service Bulletin (TSB)

Unable To Refuel Vehicle

REFERENCE:	TSB: 14-012-25 GROUP: 14 - Fuel System	Date:	May 31, 2025	REVISION:	-
VEHICLES AFFECTED:	2023 - 2025 (JL) Jeep Wrangler 2023 - 2024 (RU) Chrysler Pacifica This bulletin applies to JL vehicles built on or after October 09, 2022 (MDH 1009XX) equipped with a 2.0L I4 DOHC DI Turbo PHEV Engine (Sales Code ECX). This bulletin applies to RU vehicles built on or after October 09, 2022 (MDH 1009XX) and on or before February 15, 2025 (MDH 0215XX) equipped with a 3.6L V6 Plug-In Hybrid Engine (Sales Code EH3).			MARKET APPLICABILITY: ☒ NA☐ MEA ☐ SA☐ IAP ☐ EE☐ CH	
CUSTOMER SYMPTOM:	Customers must experience a Malfunction Indicator Lamp (MIL) illumination and the vehicle must exhibit/set the following Diagnostic Trouble Code (DTC): - P2450 - Fuel Tank Isolation Valve Stuck Open. Customers may also comment on one or more of the following: - Unable to open the fuel door. - Difficult to refuel vehicle.				
CAUSE:	Stuck fuel vapor valve				

This Technical Service Bulletin (TSB) has also been released as a Rapid Service Update (RSU) 25-101, date of issue May 31, 2025.

REPAIR SUMMARY:

This bulletin involves replacing the fuel vapor valve.

CLAIMS DATA:

Labor Operation No:	Labor Description	Skill Category	Labor Time
25-01-09-90	Fuel Tank Isolation Valve (FTIV) - Inspect for DTCs (JL/RU) (2 - Skilled)	14 - Fuel System	0.2 Hrs.
25-01-09-91	Fuel Tank Isolation Valve (FTIV) - Inspect and Replace (JL Model Only) (2 - Skilled)	14 - Fuel System	0.6 Hrs.
25-01-09-92	Fuel Tank Isolation Valve (FTIV) - Inspect and Replace (RU Model Only) (2 - Skilled)	14 - Fuel System	0.6 Hrs.
Failure Code	ZZ	Service Action	

RELATED LOPS:

Labor Operation No:	Labor Description	Skill Category	Labor Time
08-00-01-51	12-Volt Battery Disconnect / Connect – PHEV (0 - Introduction)	6 - Electrical and Body Systems	0.4 Hrs.

SPARE PARTS:

Qty	Part No.	Description	Notes
1 (AR)	68357156AB	Valve, Fuel Vapor	JL Vehicles Fuel Tank Isolation Valve
1 (AR)	57008873AA	Valve, Fuel Vapor	RU Vehicles Fuel Tank Isolation Valve
8 (AR)	06513482AA	Rivet, .25x.50	JL Only
8 (AR)	06505411AA	Push Pin, M6.3X18.60	JL Only

DIAGNOSIS:

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

REPAIR PROCEDURE:

1. Inspect for an active or stored DTC of P2450 - Fuel Tank Isolation Valve Stuck Open.
2. Is DTC P2450 - Fuel Tank Isolation Valve Stuck Open found active or stored?
 - YES>>> Proceed to [Step 3](#).
 - NO>>> This bulletin has been completed. Use Inspection LOP (25-01-09-90) to close the active RSU.
3. Replace the fuel vapor valve. Refer to the detailed service procedures available in DealerCONNECT/ Service Library under: Service Info>25 - Emissions Control / Evaporative Emissions / Valve, Fuel Tank Isolation (FTIV) / Removal and Installation.

POLICY:

Reimbursable within the provisions of the warranty.

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