

Technical Service Bulletin (TSB)
PHEV Engine Replacement XC2 Warranty Extension

REFERENCE:	TSB: 09-009-26 GROUP: 09 - Engine	Date:	May 13, 2026	REVISION:	—						
VEHICLES AFFECTED:	<p>2024 - 2025 (JL) Jeep Wrangler 2023 - 2025 (WL) Grand Cherokee / Grand Cherokee L This bulletin applies to vehicles equipped with a 2.0L I4 DOHC DI Turbo PHEV Engine (Sales Code ECX) and:</p> <ul style="list-style-type: none"> JL vehicles built on or after June 07, 2023 (MDH (0607XX) and built on or before May 30, 2025 (MDH 0530XX). WL vehicles built on or after July 19, 2023 (MDH (0719XX) and built on or before April 10, 2025 (MDH 0410XX). 			<p>MARKET APPLICABILITY:</p> <table border="0"> <tr> <td><input checked="" type="checkbox"/> NA</td> <td><input checked="" type="checkbox"/> MEA</td> </tr> <tr> <td><input checked="" type="checkbox"/> SA</td> <td><input checked="" type="checkbox"/> IAP</td> </tr> <tr> <td><input checked="" type="checkbox"/> EE</td> <td><input checked="" type="checkbox"/> CH</td> </tr> </table> <p>NOTE: This bulletin applies to North America, Enlarged Europe, China, India & Asia Pacific, Middle East & Africa and South America markets.</p>		<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
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CUSTOMER SYMPTOM:	<p>Customers must experience a Malfunction Indicator Lamp (MIL) illumination and the vehicle must exhibit/set one or more of the following Diagnostic Trouble Codes (DTCs):</p> <ul style="list-style-type: none"> P2336 - Cylinder 1 Above Knock/Combustion Vibration Sensor Threshold. P2337 - Cylinder 2 Above Knock/Combustion Vibration Sensor Threshold. P2338 - Cylinder 3 Above Knock/Combustion Vibration Sensor Threshold. P2339 - Cylinder 4 Above Knock/Combustion Vibration Sensor Threshold. <p>The customer may also describe the following:</p> <ul style="list-style-type: none"> A knocking noise from the engine compartment. 										
CAUSE:	Machining debris and sand from casting										

REPAIR SUMMARY:

This bulletin involves replacing the engine.

CLAIMS DATA:

Labor Operation No:	Labor Description	Skill Category	Labor Time
09-01-01-90	2.0L PHEV Engine - Replace (JL Model Only) (3 - Highly Skilled)	1 - Engine Repair and Performance	11.5 Hrs.
09-01-01-91	2.0L PHEV Engine - Replace (WL Model Only) (3 - Highly Skilled)	1 - Engine Repair and Performance	13.2 Hrs.
Failure Code	ZZ	Service Action	

SPARE PARTS:

Qty	Part No.	Description	Notes
1 (AR)	CSMS78C1AA	Engine, Complete	WL
1 (AR)	CSMS78C5AA	Engine, Complete	JL
1 (AR)	CSMS78C4AA	Gasket Kit, Engine	WL
1 (AR)	CSMS78C7AA	Gasket Kit, Engine	JL

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, perform the Repair Procedure.

REPAIR PROCEDURE:

1. Replace the engine. Refer to the detailed service procedures available in DealerCONNECT/Service Library under: Service Info> 09 - Engine, 2.0L / Engine Assembly / Removal and Installation.
2. Clear all DTCs that may have been set.

NOTE: For SA market only, after applying this TSB, it is not necessary to send DID-I or DID-A.

POLICY:

Warranty Extension to extend the current warranty period of unlimited years / unlimited miles/kilometers from vehicles in-service date. See Warranty Bulletins: U.S. D-26-11, Canada SAB 2026-13, PR/USVI ID-26-24, Enlarged Europe ID-26-25, China ID-26-26, APAC ID-26-27, Middle East & Africa ID-26-28 and South America ID-26-29 for details associated with the Warranty Extension.

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