

Technical Service Bulletin (TSB)
Misfire Diagnostic Trouble Codes (DTCs), Rough Idle, Valvetrain Noise

REFERENCE:	TSB: 09-011-25 GROUP: 09 - Engine	Date:	May 17, 2025	REVISION:	—
VEHICLES AFFECTED:	<p>2019 - 2025 (DT) RAM 1500 Pickup 2018 - 2025 (JL) Jeep Wrangler 2020 - 2025 (JT) Jeep Gladiator 2018 - 2025 (RU) Chrysler Pacifica 2018 - 2025 (WD) Dodge Durango 2018 - 2022 (WK) Jeep Grand Cherokee 2021 - 2025 (WL) Jeep Grand Cherokee / Grand Cherokee L 2022 - 2025 (VF) RAM Promaster</p> <p>This bulletin applies to:</p> <ul style="list-style-type: none"> DT vehicles built on or before November 14, 2024 (MDH 1114XX). JL vehicles built on or before August 15, 2024 (MDH 0815XX). JT and WL vehicles built on or before August 19, 2024 (MDH 0819XX). RU vehicles built on or before September 30, 2024 (MDH 0930XX). WD vehicles built on or before August 20, 2024 (MDH 0820XX). VF vehicles built on or before July 19, 2024 (MDH 0719XX). <p>Equipped with either the:</p> <ul style="list-style-type: none"> 3.6L V6 24V VVT Engine Upg I w/ESS (Sales Code ERC). OR 3.6L V6 24V VVT eTorque Engine Upg I (Sales Code ERG). 			<p>MARKET APPLICABILITY:</p> <p><input checked="" type="checkbox"/> NA <input type="checkbox"/> MEA <input type="checkbox"/> SA <input type="checkbox"/> IAP <input type="checkbox"/> EE <input type="checkbox"/> CH</p>	
CUSTOMER SYMPTOM:	<p>Customers may experience a Malfunction Indicator Lamp (MIL) illumination and the vehicle may exhibit/set one or more of the following Diagnostic Trouble Codes (DTCs):</p> <ul style="list-style-type: none"> P0301 - Cylinder 1 Misfire. P0302 - Cylinder 2 Misfire. P0303 - Cylinder 3 Misfire. P0304 - Cylinder 4 Misfire. P0305 - Cylinder 5 Misfire. P0306 - Cylinder 6 Misfire. <p>Customers may comment on one or more of the following:</p> <ul style="list-style-type: none"> Rough idle. Valvetrain noise. 				
CAUSE:	Manufacturing issue				

DISCUSSION:

This Information Only TSB is to communicate the conditions described in the Customer Symptoms above that may be related to worn intake camshaft high lift lobe(s), and/or intake rocker arm(s) high lift slider wear. "Typical" mileage range to see this failure falls within 10,000-60,000 miles (16,093 - 96,560 Kms). There is a special service kit for this type of repair which should be used instead of replacing the complete engine/long block. Camshaft kit number(s) 68661147AB (Right Intake) and/or 68661146AA (Left Intake). These kits contain the parts required for the repair (intake cam, rocker arms, sealer and gaskets).

POLICY:

Information Only

This bulletin is supplied as technical information only and is not an authorization for repair. No part of this publication may be reproduced, stored in a retrieval system, or transmitted, in any form or by any means, electronic, mechanical, photocopying, or otherwise, without written permission of FCA US LLC.