

Technical Service Bulletin (TSB) Cam Phaser Actuators Replacement

REFERENCE:	TSB: 09-022-23 GROUP: 09 - Engine	Date:	November 16, 2023	REVISION:	–
VEHICLES AFFECTED:	2023 (LA) Dodge Challenger 2023 (LD) Dodge Charger 2023 (LX) Chrysler 300 This bulletin applies to vehicles equipped with the 3.6L V6 24V VVT Engine (Sales Code ERB).			MARKET APPLICABILITY:	
				☒ NA ☐ SA ☒ EE	☒ MEA ☒ IAP ☐ CH
CUSTOMER SYMPTOM:	Customers may experience a Malfunction Indicator Lamp (MIL) illumination. Upon further investigation, the technician may find one or more of the following Diagnostic Trouble Codes (DTCs) have been set: • P0010 - Bank 1 Camshaft 1 Position Actuator Circuit Open. • P0013 - Bank 1 Camshaft 2 Position Actuator Circuit Open. • P0020 - Bank 2 Camshaft 1 Position Actuator Circuit Open. • P0023 - Bank 2 Camshaft 2 Position Actuator Circuit Open.				
CAUSE:	Internal actuator failure.				

This Technical Service Bulletin (TSB) has also been released as a Rapid Service Update (RSU) 23-308, date of issue November 16, 2023. 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 replacing the cam phaser actuators.

CLAIMS DATA:

Labor Operation No:	Labor Description	Skill Category	Labor Time
08-30-25-91	Solenoid, Variable Valve Timing – Replace (2 - Semi-Skilled)	09 - Engine	0.4 Hrs.
Failure Code	ZZ	Service Action	

SPARE PARTS:

Qty	Part No.	Description	Notes
4	05184101AH	Actuator, Cam Phaser	Solenoid

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 a customer's VIN is listed in VIP or your RSU VIN list, perform the repair. This bulletin only applies to vehicles on the RSU VIN list.

SPECIAL TOOLS/EQUIPMENT:

Description	Ref. No.	Notes
wiTECH or Equivalent	—	—

REPAIR PROCEDURE:

1. Replace all four cam phaser actuators. Refer to the detailed service procedures available in DealerCONNECT> Service Library under: Service Info> 08 - Electrical / 8I - Ignition Control / Solenoid, Variable Valve Timing /Removal and Installation.
2. Clear all DTCs.

POLICY:

Reimbursable within the provisions of the warranty.

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