



NUMBER: 09-009-16

GROUP: Engine

DATE: June 08, 2016

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THIS SERVICE BULLETIN IS ALSO BEING RELEASED AS RAPID RESPONSE TRANSMITTAL (RRT) 16-052. ALL APPLICABLE UN-SOLD RRT VIN's HAVE BEEN LOADED. TO VERIFY THAT THIS RRT SERVICE ACTION IS APPLICABLE TO THE VEHICLE, USE VIP OR PERFORM A VIN SEARCH IN TECHCONNECT. ALL REPAIRS ARE REIMBURSABLE WITHIN THE PROVISIONS OF WARRANTY.

SUBJECT:

Replace Both Intake Variable Valve Timing Solenoids

OVERVIEW:

This bulletin involves replacing both left and right intake variable valve timing solenoids due to multiple DTCs.

MODELS:

2016	(WK)	Grand Cherokee
2016	(WD)	Dodge Durango

**NOTE: This bulletin applies to vehicles within the following markets/countries:
NAFTA, LATAM, EMEA and APAC.**

NOTE: This bulletin applies to vehicles built on or before February 16th, 2016 (MDH 0216XX) equipped with 3.6L V6 24V VVT Engine UPG I W/ESS (Sales Codes ERC).

SYMPTOM/CONDITION:

A small number of customers may experience a Malfunction Indicator Lamp (MIL) illumination or the engine runs rough. Upon further investigation the technician may find one or more of the following Diagnostic Trouble Codes (DTCs) set in the PCM:

- P0017 - Crankshaft/Camshaft Timing Misalignment - Bank 1 Sensor 2.
- P0019 - Crankshaft Position - Camshaft Position Correlation Bank 2 Sensor 2.
- P000A - Bank 1 Camshaft 1 Position Slow Response.
- P000C - Bank 2 Camshaft 1 Position Slow Response.

DIAGNOSIS:

If a customer's VIN is listed in VIP or your RRT VIN list, perform the repair. For all other customers that describe the symptom/condition listed above or if the technician finds the DTC, perform normal diagnosis.

PARTS REQUIRED:

Qty.	Part No.	Description
2	05047788AD	Actuator, Cam Phaser, Intake

REPAIR PROCEDURE:

NOTE: The Cam/Crank Variation Relearn procedure must be performed using the scan tool anytime there has been a repair/replacement made to a powertrain system. For example: flywheel, valvetrain, camshaft and/or crankshaft sensors or components.

1. Replace both left and right intake variable valve timing solenoids. Refer to the detailed service procedures available in DealerCONNECT> TechCONNECT under: Service Info> 08 - Electrical/8I - Ignition Control/Solenoid, Variable Valve Timing/Removal/Installation.
2. Clear any DTCs that may have been set. The wiTECH application will automatically present all DTCs and allow them to be cleared.

POLICY:

Reimbursable within the provisions of the warranty.

TIME ALLOWANCE:

Labor Operation No:	Description	Skill Category	Amount
08-30-25-90	Solenoid, Variable Valve Timing - Replace Intake (Left & Right) (2 -Skilled)	1 - Engine Repair and Performance	0.6 Hrs.

FAILURE CODE:

ZZ	Service Action
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