



NUMBER: 09-012-20

GROUP: 09 - Engine

DATE: October 24, 2020

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This Technical Service Bulletin has also been released as a Rapid Response Transmittal (RRT) 20-079, date of issue October 24, 2020. All applicable Sold and Un-Sold RRT VINs have been loaded. To verify this RRT 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 RRT will expire 18 months after the date of issue.

SUBJECT:

Engine Ticking Noise

OVERVIEW:

This bulletin involves replacing the bank 1 exhaust cam phaser, phaser actuator and Oil Control Valve (OCV).

MODELS:

2020 (RU) Chrysler Pacifica

NOTE: This bulletin applies to vehicles within the following markets/countries: North America.

NOTE: This bulletin applies to vehicles built on or after August 18, 2020 (MDH 0818XX) and built on or before August 20, 2020 (MDH 0820XX) equipped with a 3.6L V6 24V VVT Engine (Sales Code ERC).

SYMPTOM/CONDITION:

Customers may experience a Malfunction Indicator Lamp (MIL) illumination. Upon further investigation, a technician may find one or more of the following Diagnostic Trouble Codes (DTCs) have been set:

- P000A - Bank 1 Camshaft 1 Position Slow Response.
- P0365 - Camshaft Position Sensor Circuit - Bank 1 Sensor 2.
- P0300 - Multiple Cylinder Misfire.
- P105C - Intake Valve Stuck In Low Lift Position.

Customers may also experience one or more of the following:

- Engine ticking noise.
- Reduced level of engine performance.

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 VIN is listed in VIP or your RRT VIN list, perform the Inspection Procedure. **This RRT only applies to vehicles on the RRT VIN list.**

PARTS REQUIRED:

Qty.	Part No.	Description
1	05048044AC	Exhaust Oil Control Valve (OCV)
1	05048043AD	Exhaust Camshaft Phaser
1	05048045AB	Exhaust Cam Phaser Actuator
1	04893804AB	Cylinder Head Cover Gasket, Right
1	04893806AB	Camshaft Phaser Actuator Seal, Right
1	68082860AB	RTV Gray (Requires Caulk Gun)

REPAIR PROCEDURE:

1. Replace the **bank 1 exhaust cam phaser**, phaser actuator and OCV (Fig. 1) . Refer to the detailed service procedures available in DealerCONNECT/Service Library under: Service Info>09 - Engine, 3.6L / Cylinder Head / Assembly, Variable Valve Timing, Phaser / Oil Control Valve / Removal and Installation.

**Fig. 1****Bank 1 Exhaust Cam Phaser Actuator And OCV**

1- Bank 1 Exhaust Cam Phaser And Oil Control Valve

2. Clear any DTCs that may have been set.

POLICY:

Reimbursable within the provisions of the warranty.

TIME ALLOWANCE:

Labor Operation No:	Description	Skill Category	Amount
09-05-30-93	Cam Shaft Phaser, Phaser Actuator, and Oil Control Valve – Replace (2 - Introduction)	1 - Engine Repair and Performance	2.1 Hrs.

FAILURE CODE:

ZZ	Service Action
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