

# 2014 - 2016 Corvette: Service Bulletin: Engine Misfire/Tick Noise, Malfunction Indicator Lamp (MIL) On, DTC P0300 Set

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## #15-06-01-002D: Engine Misfire/Tick Noise, Malfunction Indicator Lamp (MIL) On, DTC P0300 Set - (Jul 11, 2016)

<b>Subject:</b>	Engine Misfire/Tick Noise, Malfunction Indicator Lamp (MIL) On, DTC P0300 Set
<b>Models:</b>	2015-2016 Cadillac Escalade 2016 Cadillac CTS-V 2014 Chevrolet Silverado 1500 2014 - 2016 Chevrolet Corvette 2015 - 2016 Chevrolet Silverado, Suburban, Tahoe 2016 Chevrolet Camaro 2014 GMC Sierra 1500 2015 - 2016 GMC Sierra, Yukon, Yukon XL Equipped with 5.3L Engine (RPO L83) or 6.2L Engine (RPO L86)
<b>Attention:</b>	This Bulletin also applies to any of the above models that may be sold in North America vehicles.

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This Bulletin has been revised to add a Note for Camshaft Inspection and update the Warranty information. Please discard Corporate Bulletin Number 15-06-01-002C.

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### Condition

Some customers may comment on a malfunction indicator lamp (MIL) on and/or an engine misfire/tick noise.

Technicians may find DTC P0300 set or in history.

## Cause

This may be the result of an active fuel management (AFM) lifter that is mechanically collapsed and/or stuck all of the time.

This may be the result of internal locking pin damage in the lifter, due to oil aeration.

## Correction

**Note:** Inspect the camshaft for damage while the lifters are removed from the engine. If damage is found, replace the camshaft per SI.

If SI diagnosis does not isolate the cause of this concern, technicians should inspect for valve operation.

If the valve(s) are not moving, replace the valve lifter oil manifold and affected bank of AFM lifters. Refer to *Valve Lifter Oil Manifold Replacement* and *Valve Lifter Replacement* in SI.

If the lifter has spun the bore, the guides should be replaced also.

## Parts Information

Part Number	Description
12660737	MANIFOLD ASM-VLV LFTR OIL (SERV KIT) (L83, L86, or LT1)
12660736	MANIFOLD ASM-VLV LFTR

12623104	OIL (SERV KIT) (LT4) GASKET-VLV LFTR OIL UPR MANIF
12645725	LIFTER ASM-VLV (AFM) (4 per Bank)
12659260	GASKET-CYL HD (6.2L)
12622325	GASKET-CYL HD (5.3L)
11546959	RIGHT SIDE CYLINDER HEAD BOLTS (10)
11611976	LEFT SIDE CYLINDER HEAD BOLT (1)
11546959	LEFT SIDE CYLINDER HEAD BOLTS (9)
12657093	GASKET-EXH MANIF
12626354	GASKET-INT MANIF (8)
12619787	GASKET-VLV RKR ARM CVR
12623308	GASKET-F/PMP BRKT
12618336	PIPE ASM-FUEL FEED INTER
12618337	PIPE ASM-FUEL FEED INTER
12618338	PIPE ASM-FUEL FEED
12668553	SEAL KIT-F/INJR (O RING) (2)

Online URL:

<https://www.corvetteactioncenter.com/tech/knowledgebase/article/2014-2016-corvette-service-bulletin-engine-misfire-tick-noise-malfunction-indicator-lamp-mil-on-dtc-p0300-set-1291.html>