



Service Bulletin

Bulletin No.: 20-NA-153

Date: August, 2020

TECHNICAL

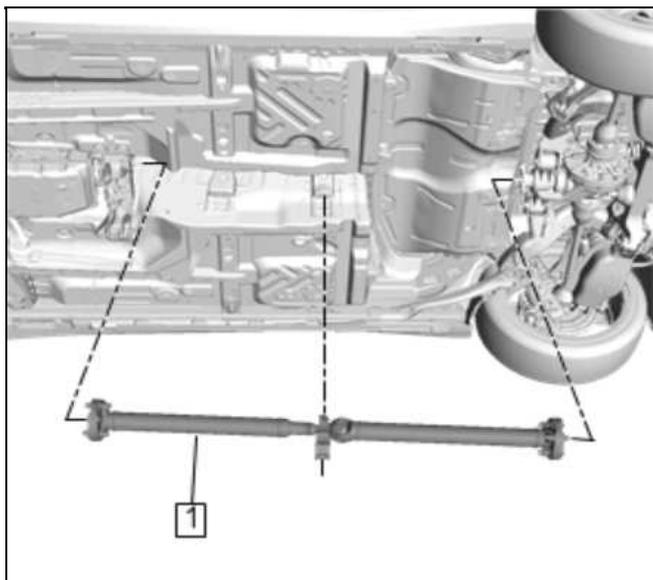
Subject: Reduction in Power, Malfunction Indicator Lamp (MIL) Illuminated - DTC P17A2 Set

Brand:	Model:	Model Year:		VIN:		Engine:	Transmission:
		from	to	from	to		
Cadillac	ATS	2016	2019	—	—	—	6 Speed Manual (M13)
Chevrolet	Camaro		2020				

Involved Region or Country	North America
Condition	Some customers may comment that the MIL is illuminated. Some technicians may find DTC P17A2 (Transmission Clutch Slip Detected) set in the Engine Control Module (ECM).
Cause	In some instances, the output speed sensor reluctor wheel maybe slipping on the shaft due to low output shaft nut torque.
Correction	Remove the output vehicle speed sensor. Refer to <i>Vehicle Speed Sensor Replacement</i> in SI. Utilizing a small tool, lightly pry on the speed sensor reluctor wheel: <ul style="list-style-type: none"> • If the reluctor wheel moves, refer to the Service Procedure below. • If the reluctor wheel does not move, refer to SI for further diagnostics.

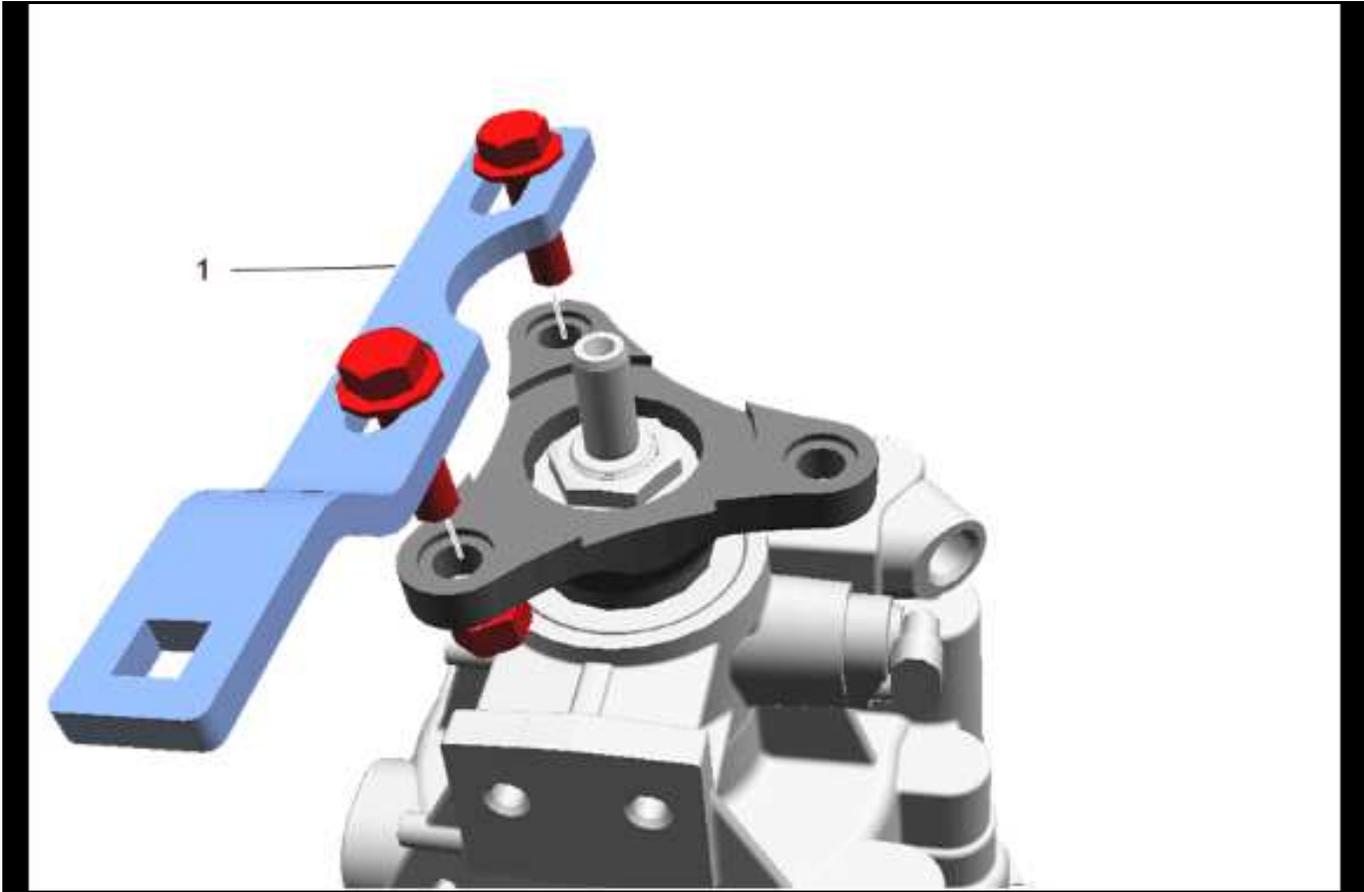
Service Procedure

1. Shift the transmission into NEUTRAL.

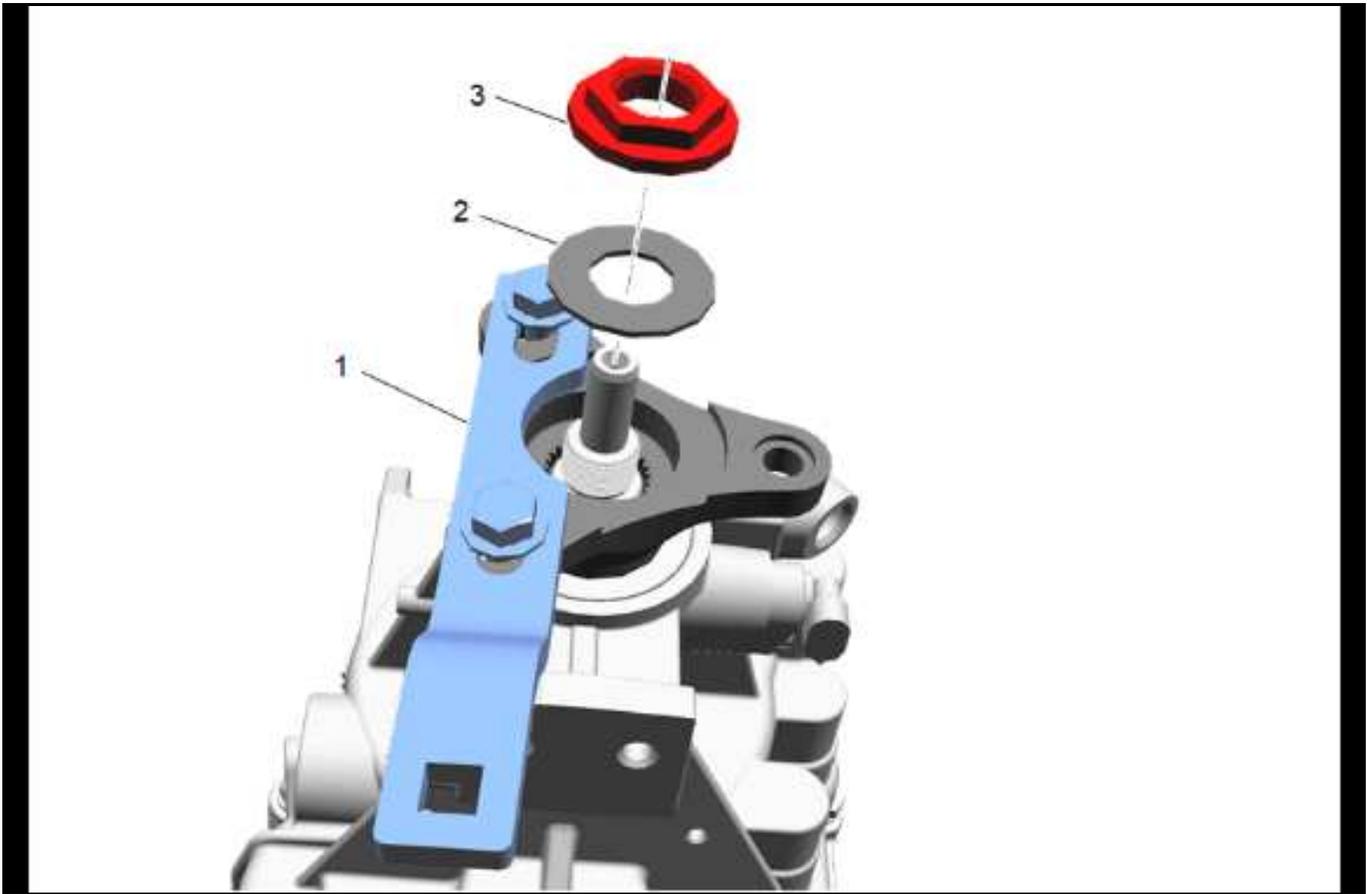


2. Remove the two-piece propeller shaft. Refer to *Two-Piece Propeller Shaft Replacement* in SI.
 - Two-Piece Propeller Shaft Replacement (Coupe MM6, M13)
 - Two-Piece Propeller Shaft Replacement (Convertible MM6, M13)

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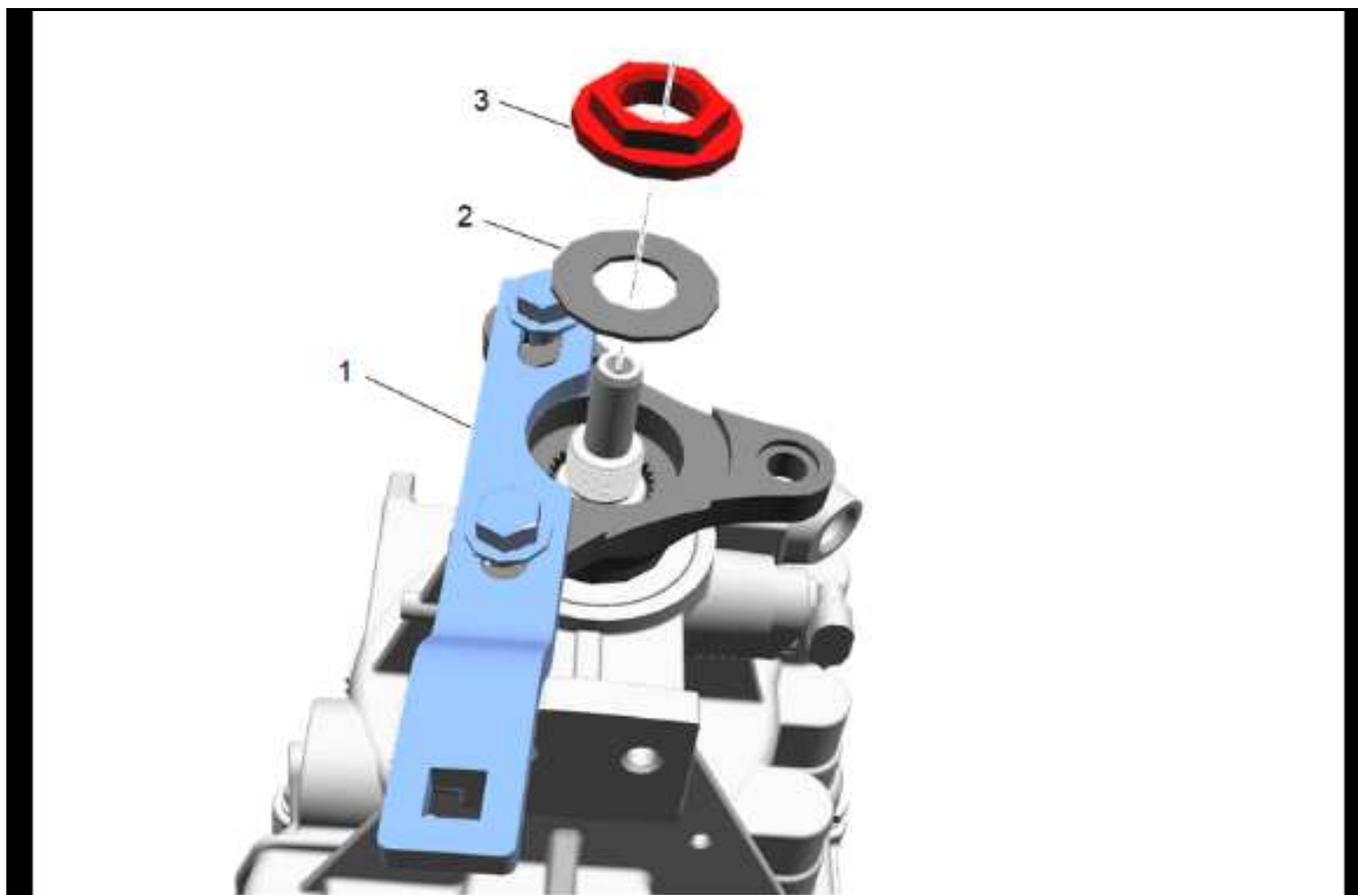


3. Install the *J-45012* Holding Fixture (1).



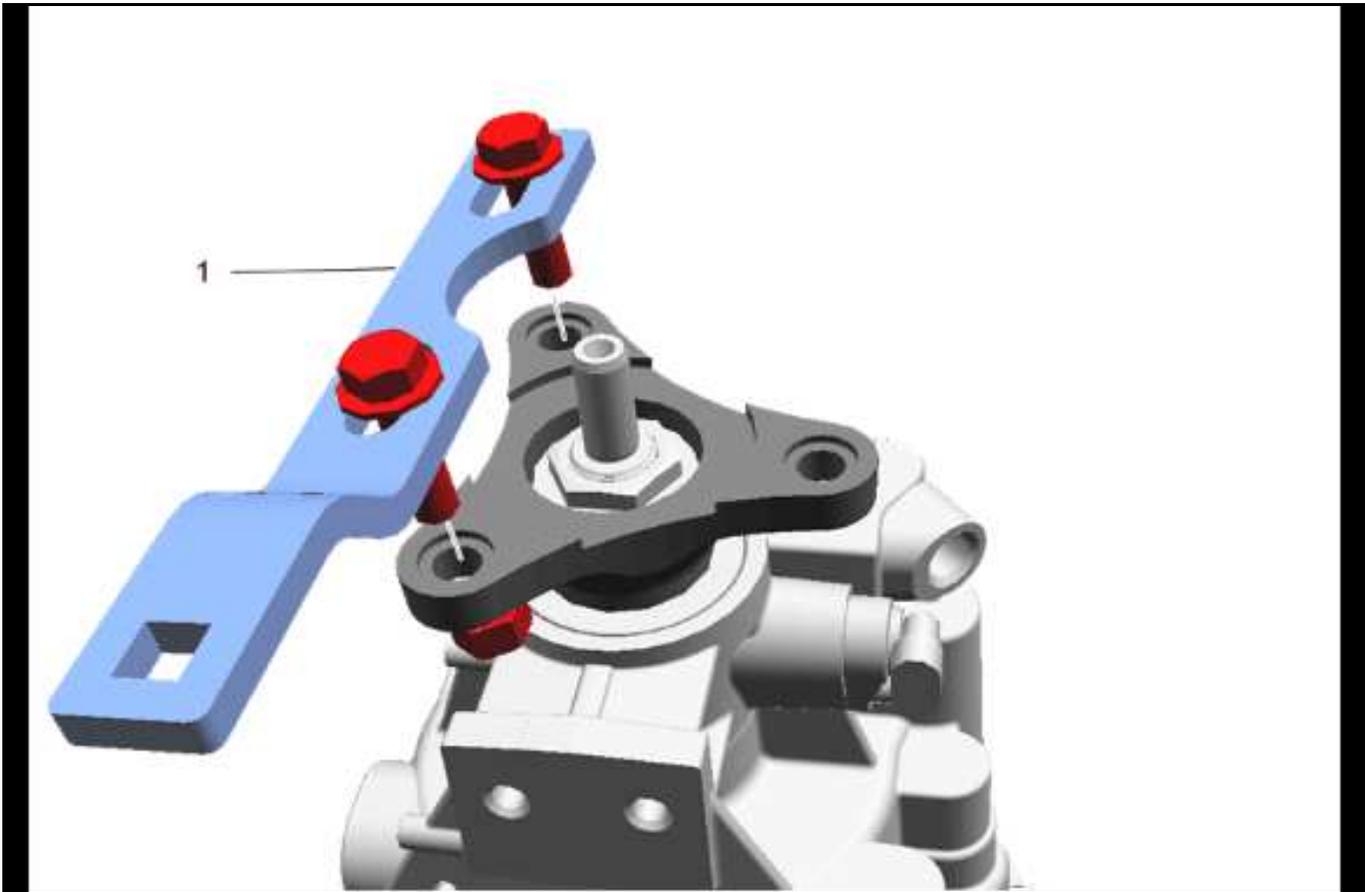
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4. While holding the *J-45012* Holding Fixture (1), remove the output shaft flange nut (3) using an appropriate tool.
5. Remove the output shaft flange thrust washer (2).



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6. Install the new output shaft flange thrust washer (2).
7. While holding the *J-45012* Holding Fixture (1) and using an appropriate tool, install the new nut and tighten the output shaft flange nut (3) to **145 N•m (107 lb ft)**.



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8. Remove the J-45012 Holding Fixture (1).
9. Install the two-piece propeller shaft. Refer to *Two-Piece Propeller Shaft Replacement* in SI.
 - Two-Piece Propeller Shaft Replacement (Coupe MM6, M13)
 - Two-Piece Propeller Shaft Replacement (Convertible MM6, M13)

Warranty Information

For vehicles repaired under the Powertrain coverage, use the following labor operation. Reference the Applicable Warranties section of Investigate Vehicle History (IVH) for coverage information.

Parts Information

Causal Part	Description	Part Number	Qty
X	Washer	19299751	1
X	Nut	89059464	1
N/A	Seal, O-RING SPD SENS	Refer to EPC	1

Labor Operation	Description	Labor Time
8481028*	Nut and Washer Replacement	2.2 hrs (ATS)
		2.7 hrs (Camaro)

*This is a unique Labor Operation for bulletin use only.

Version	1
Modified	Released August 07, 2020

GM bulletins are intended for use by professional technicians, NOT a "do-it-yourselfer". They are written to inform these technicians of conditions that may occur on some vehicles, or to provide information that could assist in the proper service of a vehicle. Properly trained technicians have the equipment, tools, safety instructions, and know-how to do a job properly and safely. If a condition is described, DO NOT assume that the bulletin applies to your vehicle, or that your vehicle will have that condition. See your GM dealer for information on whether your vehicle may benefit from the information.



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