



Service Bulletin

PRELIMINARY INFORMATION

Subject: 2013-2014 Cadillac ATS Manual Transmission Exchange

Models: 2013-2014 Cadillac ATS
Equipped with manual transmission RPO M3L

This PI was superseded to update model years. Please discard PIP5070.

The following diagnosis might be helpful if the vehicle exhibits the symptom(s) described in this PI.

Condition/Concern

GM Product teams continually seek valuable information for engineering improvements.

To assist in this effort, the 2013 Cadillac ATS 6 Speed Manual Transmission Exchange program will be administered by the GM Product Quality Center (PQC). Dealerships are required to call the PQC, not GM Technical Assistance (TAC), to request an exchange.

PQC may refer the dealer technician to TAC if additional diagnosis is required. TAC will be available for product inquiries that do not require assembly replacement.

Recommendation/Instructions

The Tremec 6 speed manual transmission (TR3160) used in this vehicle is currently not internally serviceable and must be replaced as an assembly.

DO NOT disassemble the unit to determine root cause or point of failure. See the following document and item numbers in service information for a list of serviceable items.

SI Document ID 2775225

VENT PIPE ASSY Item 2

INPUT SHAFT OIL SEAL Item 8

SI Document ID 2775564

ASSEMBLY SHIFT DETENT Item 8

SI Document ID 2775557

SWITCH BACK UP LAMP Item 11

O RING - SPEED SENSOR Item 12

SPEED SENSOR Item 13

BOLT - SPEED SENSOR Item 14

OUTPUT SHAFT OIL SEAL Item 15

WASHER - FIX FLANGE Item 17

NUT - FIX FLANGE Item 18

FILL / DRAIN PLUG Item 22/21

Prior to calling the PQC, please make sure to complete the 2013 Cadillac ATS Tremec 6 Speed transmission exchange template in this PI. Use of the templates will minimize the time spent on the telephone and avoid the need of a second call to the PQC. Guidelines for honoring exchange requests under this program are being strictly enforced.

Has the vehicle been modified with non-production accessories?

Is the vehicle used for Personal or commercial use?

If commercial, what type of use?

Broadcast Code:

Serial Number:

Does the vehicle have any DTCs in the ECM/TCM/BCM? ***

Note: GDS must be launched from TIS to make sure all the data is captured and can be retrieved.

Describe the failure of the ATS Manual Transmission:

Leaks:

What type of leak?

Where is the leak located?

Noise:

What kind of Noise?

Where is it?

What is the frequency of noise?

When does it occur?

How long does it last?

At what temperature does it occur?

Lubrication Level?

Are there any signs of Oil contamination?

Performance concerns?

Is there any Vibration?

Warranty Information

For vehicles repaired under warranty use:

Labor Operation	Description	Labor Time
K2720	Transmission Replacement	Use Published Labor Operation Time

If the transmission is exchanged dealers are allowed to claim \$250.00 parts allowance for the transmission and Labor time is straight time.

Please follow this diagnostic or repair process thoroughly and complete each step. If the condition exhibited is resolved without completing every step, the remaining steps do not need to be performed.

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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