



# Preliminary Information

## PIP5381C 2017 Cadillac XT5 & Buick LaCrosse AF50 Aisin 8 Speed Transmission MRC and TCM Restriction

### Models

| Brand:   | Model:   | Model Years: | VIN: |     | Engine: | Transmissions: |
|----------|----------|--------------|------|-----|---------|----------------|
|          |          |              | from | to  |         |                |
| Cadillac | XT5      | 2017         | ALL  | ALL | LGX     | MRC            |
| Buick    | LaCrosse | 2017         | ALL  | ALL | LGX     | MRC            |

### Supersession Statement

This PI was superseded to remove the valve body assembly and the torque converter from the restriction list. Please discard PIP5381B.

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

### Condition / Concern

The AF50 AISIN 8 Speed Transmission and TCM are on exchange through GM PQC as part of our ongoing quality improvement efforts to assist Engineering with product concern identification effective on 02/26/16.

Your cooperation with this program is greatly appreciated.  
If diagnosis has determined the replacement of the TCM or the Complete Transmission Assembly, please contact the Product Quality Center (PQC) @ 866-654-7654 to discuss the information/diagnostics that led to the need for replacement of the TCM or the Complete Transmission Assembly before performing any repairs.

### Recommendations / Instructions

Please complete the questionnaire below before calling the PQC.  
**Important : For any DTCs and/or transmission drivability concerns, obtain a bookmarked GDS2 session log of the event and send the session log to gmpartrestriction@gm.com with last eight or complete VIN, TAC case number if TAC was contacted, and dealer BAC prior to contacting PQC for the requested restricted part. Noise and/or leak concerns, no session log needed. Referred to the latest version of PIP4902, if needed.**

Caller's First & Last Name/Position:

Technician's Name/Direct Phone:

Parts Manager's Name:

Parts Manager's Fax Number:

Dealership's Correct Address:

Q1. Is the part being requested for:

- Customer Pay?
- A Model Year Not Listed?
- A Vehicle Line Not Listed?

Q2: Customer's Concern:

Q3: Has the vehicle been modified with non-production accessories?

Q4: Is the vehicle for personal or commercial use?

- If commercial, what type of use?

Q5: Describe the failure of the unit:

Q6: Why is replacement needed:

Q7: Broadcast Code:

Q8: Serial Number:

Q9: Does the vehicle have any DTCs in any module (ECM/TCM/BCM, etc.), and/or transmission drivability concerns?

Dealer should have sent a session log for DTCs and/or transmission drivability concerns to gmpartrestriction, confirm with tech that the session logs were sent. Session log not needed for noise and/or leak concern.

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

Q10: Performance

- Are there any transmission-related DTCs?
- Are there any shifting issues (late, early, missed, no shift)?
- When does the issue occur (hot, cold, under accel/decel)?
- Is there any unwanted vibration?
- Any other transmission performance issues?

Q11: Leaks

- Any leaks?
- What type of leak?
- Where is the leak located?

Q12: Noise

- Any noise?
- What kind of noise?
- Where is it?

- What is the frequency of the noise?
- When does it occur?
- How long does it last?

Q13: Transmission Fluid

- Fluid level?
- Was fluid contaminated?

Parts Information

| Part Number | Part Name                         | QTY |
|-------------|-----------------------------------|-----|
| 24279532    | Transmission Assembly FWD         | 1   |
| 24279531    | Transmission Assembly AWD         | 1   |
| 24278344    | Transmission Assembly FWD         | 1   |
| 24278343    | Transmission Assembly AWD         | 1   |
| 24276934    | Transmission Control Module (TCM) | 1   |

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.



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