

System	Date of Issue	Bulletin Number	Bulletin Type
Odyne Systems G2V2.01	11/3/16	00032	<input checked="" type="checkbox"/> Field Service Action <input type="checkbox"/> Technical Service Bulletin <input type="checkbox"/> Technical Service Advisory

Title: TCM PTO Drive Interface

Issue: Transmission main pressure may fall below the minimum required by the PTO clutch control, potentially resulting in PTO clutch failure.

Applies To: G2V2 Vehicles with Allison 4000 Series Transmissions (excludes Walk-In Vans)

1FVHG3DV4FHGE0053
1FVHG3DV6FHGE0054
1FVHG3DV8FHGE0055
1HTGSSNT5GH112900

Special Tools or Software Required:

Where Available	Type of Tool	Equipment Description
	none	

Action: Wire PTO enable signal to pin 43 on TCM.

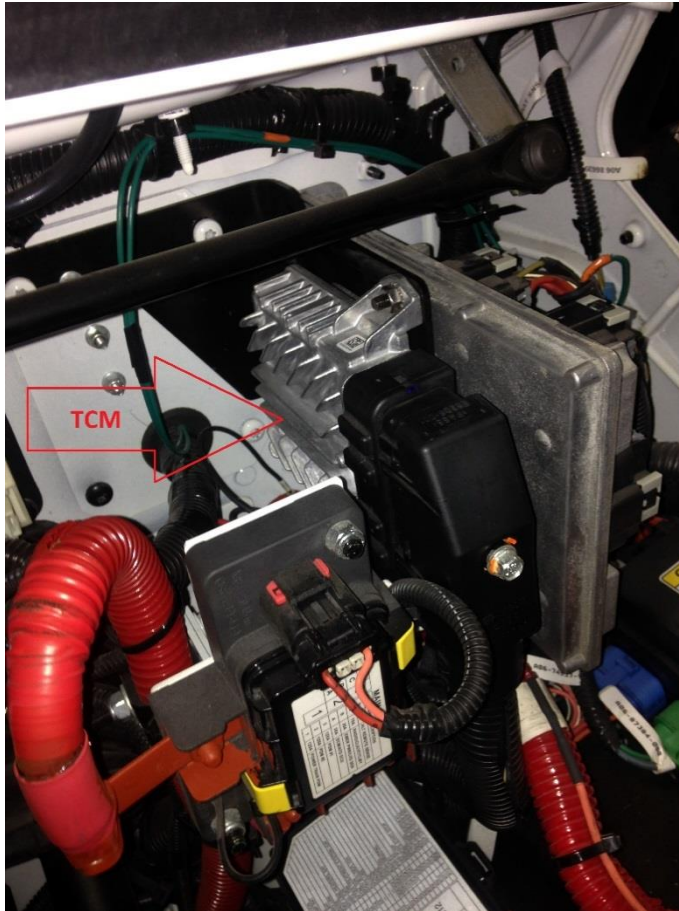
The information in Technical Service Bulletins is intended for use by trained, professional technicians with the knowledge, tools, and equipment to do the job properly and safely. It informs these technicians of conditions that may occur on some vehicles, or provides information that could assist in proper vehicle service. Warranty Policy documentation determines Warranty coverage unless stated otherwise in the TSB article. The information in this Technical Service Bulletin (TSB) was current at the time of printing. Odyne Systems, LLC reserves the right to supersede this information with updates. The most recent information is available through Odyne on-line technical resources.



Service Procedure:

Before Starting Procedure: Remove key from ignition and store in a safe place.

1. Locate the TCM on the chassis.



Transmission Control Module

2. Remove the TCM connector.
3. Crimp Odyne part number 20727 or Allison equivalent terminal onto a 14-16AWG wire that is long enough to reach the PTO.
4. Install the terminal into cavity 43 on the TCM connector.

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5. Reinstall the TCM connector.
6. Install a split loom over the wire and route to the PTO. Be sure to secure loom so that it does not come into contact with any moving parts.
7. Locate the Odyne J32 connector near the PTO.
8. Using solder and adhesive lined heat shrink, splice the wire coming from TCM cavity 43 into the wire coming from J32 cavity A.

Parts Required:

Part Number	Description	Qty
Odyne Part # 20727 or Allison Equivalent	Terminal	1

Warranty Information:

Code	Description	Time
00032	TCM PTO Drive Interface	1.0

Odyne Service Support Resources:

To request technical assistance, contact ServiceSupport@Odyne.com.
To request parts, contact Parts@Odyne.com.

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