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Bulletin: TAIB-0831

Date: March 19, 2012

Bulletin Type: Service

Subject: Loose ECA Connectors in UltraShift® *PLUS* Models

Issue Description:

One or both of the ECA connectors (3-way and/or 8-way) may be loose; causing ECA related faults to occur:

- ECA 3-way and 8-way connectors may not fully seat and latch.
- Transmission harness routing may lead to excessive side loading of the ECA connectors.

Containment/Corrective Action:

Tie-wrap the ECA 3-way and 8-way connectors with zip ties on units that have the old style ECA shield used before December 22, 2011.

The current style ECA shield has been revised to improve harness routing and eliminate side loading of the ECA connectors on transmissions built after December 22, 2011.

Old Style ECA Shield



Current Style ECA Shield



Affected Models/Population:
All UltraShift PLUS models

Field Strategy:

1. Visually identify the ECA shield installed on vehicle.

■ **ECA Shield Matching After December 22, 2011 (Current Style)**

1. Retrieve and record complete fault code information.
2. Follow diagnostic procedures outlined in Troubleshooting Guide TRTS0930.

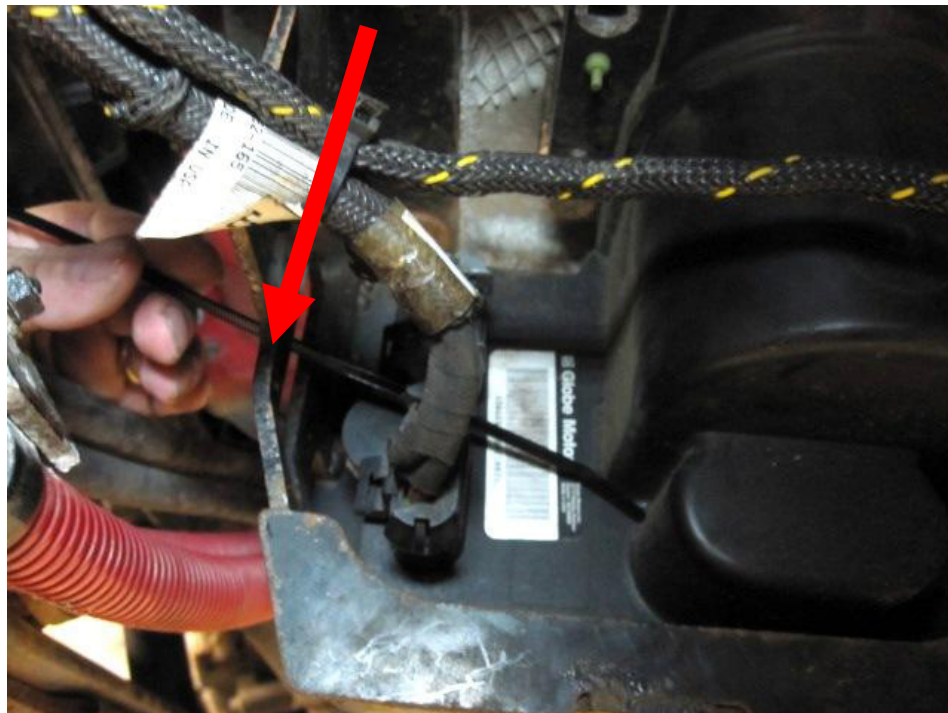
- OR -

■ **ECA Shield Matching Before December 22, 2011 (Old Style)**

1. When an UltraShift *PLUS* transmission is being serviced for any reason, follow the procedure outlined below.

Procedure: The following procedure is only required with the old style ECA Shield (built before December 22, 2011). Zip ties on the connectors are not required with current style ECA Shields (built after December 22, 2011).

1. Ensure both the 3-way and 8-way ECA connectors are properly seated.
2. Insert zip tie around connector.



3. Loop zip tie around connector.



4. Slide the loop around



5. Tightly secure the zip tie around the connector, ensuring locking mechanism of zip tie is on top of the locking connector tab.

Important: Ensure locking mechanism of zip tie is on top of the locking connector tab. Cut excess zip tie banding and discard.



Warranty Information:

Warranty Parts:

- Two, 8mm zip ties

Warranty Labor:

- 0.3 misc. labor

Warranty Coverage:

Warranty will cover the expense of adding these 2 zip ties if the ECA is not being removed. If the ECA is removed, no additional labor will be considered.

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