



NUMBER: 08-121-15

GROUP: Electrical

DATE: December 05, 2015

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SUBJECT:

Install Intake Air Temperature Sensor Jumper Harness

OVERVIEW:

The wiring at the connector of the Intake Air Temperature (IAT) sensor may be compromised due to wire strain. This bulletin involves adding a jumper harness on the IAT sensor to reduce this strain.

MODELS:

2015 (VM) Dodge ProMaster City

**NOTE: This bulletin applies to vehicles within the following markets/countries:
United States and Canada only.**

NOTE: This bulletin applies to vehicles built on or after December 09, 2014 (MDH 1209XX) and on or before May 12, 2015 (MDH 0512XX).

SYMPTOM/CONDITION:

The customer may not experience any symptom or condition for this service action. Upon further inspection, the technician may find P0113 Intake Air Temperature Sensor 1 Circuit High. Installing the jumper harness will help prevent any IAT issues from occurring.

DIAGNOSIS:

Using a Scan Tool (wiTECH) with the appropriate Diagnostic Procedures available in TechCONNECT, verify all engine systems are functioning as designed. If DTCs or symptom conditions are present, record the issues on the repair order and repair as necessary before proceeding further with this bulletin.

PARTS REQUIRED:

| Qty. | Part No. | Description |
|------|------------|---------------------|
| 1 | 68301680AA | IAT, Jumper Harness |



Fig. 1 IAT Jumper Harness

REPAIR PROCEDURE:

1. Were any IAT DTCs found?
 - a. Yes >>> Perform normal diagnostics before performing this repair procedure.
 - b. No >>> Proceed to step [Step #2](#).

NOTE: Installing the jumper will not correct any DTCs. If any IAT DTCs are found, visually inspect the wires at the IAT connector.

2. Open the hood and disconnect the negative battery cable.
3. Remove the engine cover.

4. Disconnect the IAT and lower connectors, see (Fig. 2).

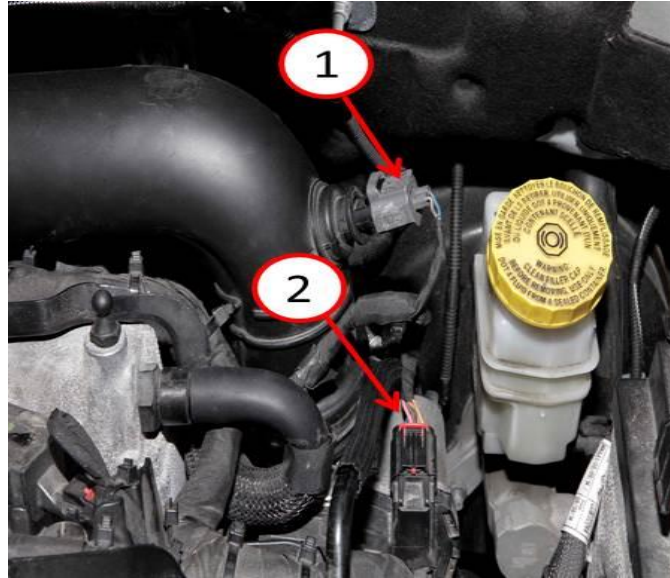


Fig. 2 Location of IAT Connector

- 1 - IAT Connector
- 2 - Lower Connector

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5. Reposition both connectors so that the wires are under the black tube, see (Fig. 3).

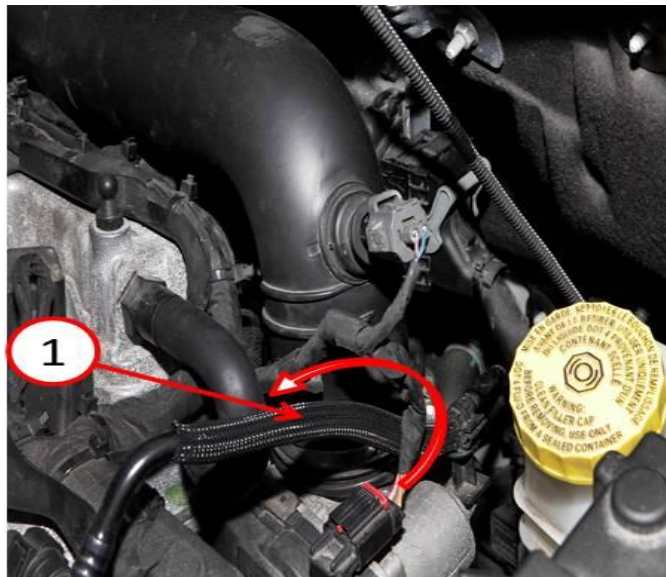


Fig. 3 Route Connectors Under Black Tube

- 1 - Black Tube

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6. Reconnect the lower connector.

7. Position the opening of the IAT connector away from the engine, see (Fig. 4).

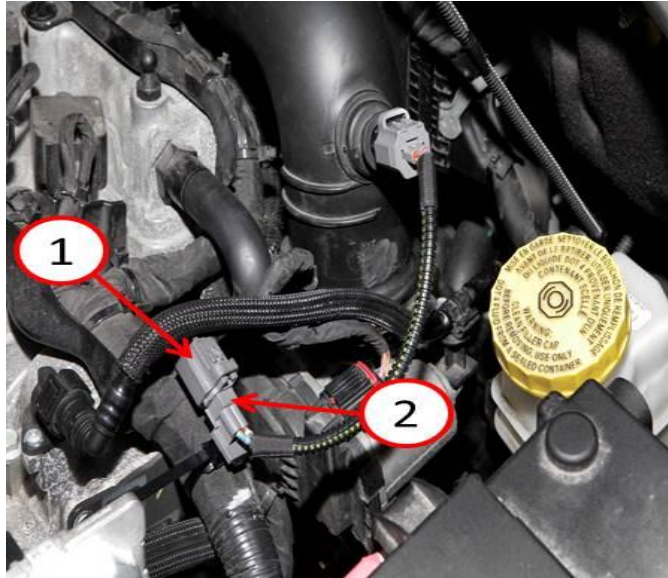


Fig. 4 IAT Connector And Jumper Connected

- 1 - Old IAT Connector
- 2 - New IAT Jumper Harness

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8. Connect one end of the jumper harness to the old IAT connector and then the other end to the IAT sensor.
 9. Fasten the jumper harness to the main harness, as shown in (Fig. 5).



Fig. 5 Location Where Jumper Is Fasten to Harness

Fasten Jumper On Main Harness, In This Position

- 10. Connect the negative battery cable.
- 11. Clear any DTCs that may have been set in any module due this repair procedure.

POLICY:

Reimbursable within the provisions of the warranty.

TIME ALLOWANCE:

| Labor Operation No: | Description | Skill Category | Amount |
|----------------------------|---|------------------------|---------------|
| 08-94-CC-93 | Wiring Harness, Engine - Install Intake Air Temperature Sensor (IAT) Jumper (2 - Skilled) | 8 - Engine Performance | 0.2 Hrs. |

FAILURE CODE:

| | |
|----|----------------|
| ZZ | Service Action |
|----|----------------|