



FIELD SERVICE CAMPAIGN – 16110

April 2016

SUBJECT:

Load Sensor 90 Degree Fitting

MODELS INVOLVED:

ProStar®

DEFECT DESCRIPTION:

Certain vehicles may have been built without a 90 degree elbow for the load sensor, allowing salt and water to seep down through the connector, and causing corrosion of the sensor / connector terminals.

ELIGIBILITY:

This procedure applies ONLY to vehicles marked in the International® Service PortalSM with FSC 16110. Also complete any other open campaigns listed on the Service Portal at this time.

TOOLS REQUIRED:

No special tools are required for this procedure.

PARTS REQUIRED:

Part Number	Description	Quantity
2024446C1	ELBOW QC*90D 3/8 TUBE X 3/8 STEM	1
2505669C91	TRANSDUCER AIR KIT	1 (As Required)
1678137C1	CONNECTOR BODY*	1 (As Required)
1651943C1	TERMINAL CABLE FEMALE	3 (As Required)

Table 1 Parts Information

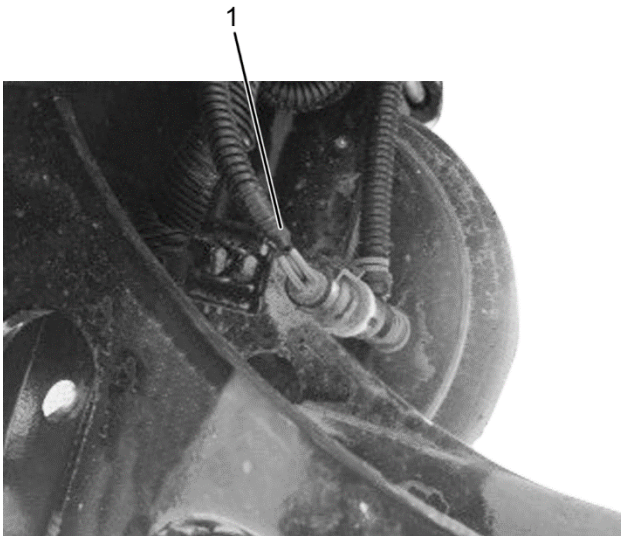
WORK INSTRUCTIONS

WARNING! To prevent property damage, personal injury, and / or death, park vehicle on hard flat surface, turn the engine off, set the parking brake, and install wheel chocks to prevent the vehicle from moving in both directions.

WARNING! To prevent personal injury and / or death, always wear safe eye protection when performing vehicle maintenance.

WARNING! To prevent property damage, personal injury, and / or death, remove the ground cable from the negative terminal of the battery batteries before disconnecting any electrical components. Always connect the ground cable last.

1. Bring vehicle into shop and park on a flat surface.
2. Shift transmission into Park or Neutral and set parking brake.
3. Install wheel chocks.
4. Drain air from air tanks and air bags.



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Figure 1. Load Sensor

1. Sensor harness
5. Access vehicle load sensor.
6. Disconnect sensor harness (Figure 1, Item 1).
7. Remove sensor.

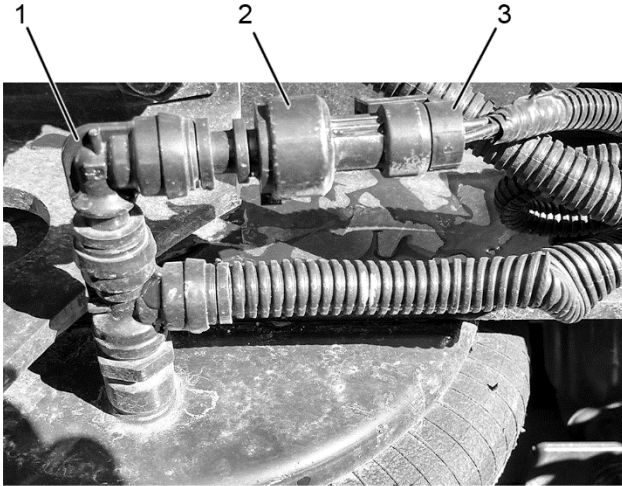


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Figure 2. Load Sensor Corrosion

1. Corrosion

8. Inspect sensor and harness terminals for corrosion (Figure 2, Item 1):
 - A. If no corrosion is present, reuse sensor. Proceed to Step 9.
 - B. If corrosion is found, replace sensor, connector, and terminals. Proceed to Step 9.



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Figure 3. 90 Degree Elbow

- 1. Elbow
- 2. Sensor
- 3. Harness

9. Install kit-supplied 90 degree elbow (Figure 3, Item 1).
10. Install load sensor (Figure 3, Item 2).
11. Connect load sensor harness (Figure 3, Item 3).
12. Build up air pressure. Inspect for leaks and repair if necessary.
13. Remove wheel chocks.

LABOR INFORMATION

Operation number must appear on all claims.

Table 1 Labor Information

Operation Number	Description	Time
A40-16110-1	Install 90 Degree Elbow	0.3 hr
A40-16110-2	If Required, Replace Sensor Connector and Terminals	0.2 hr

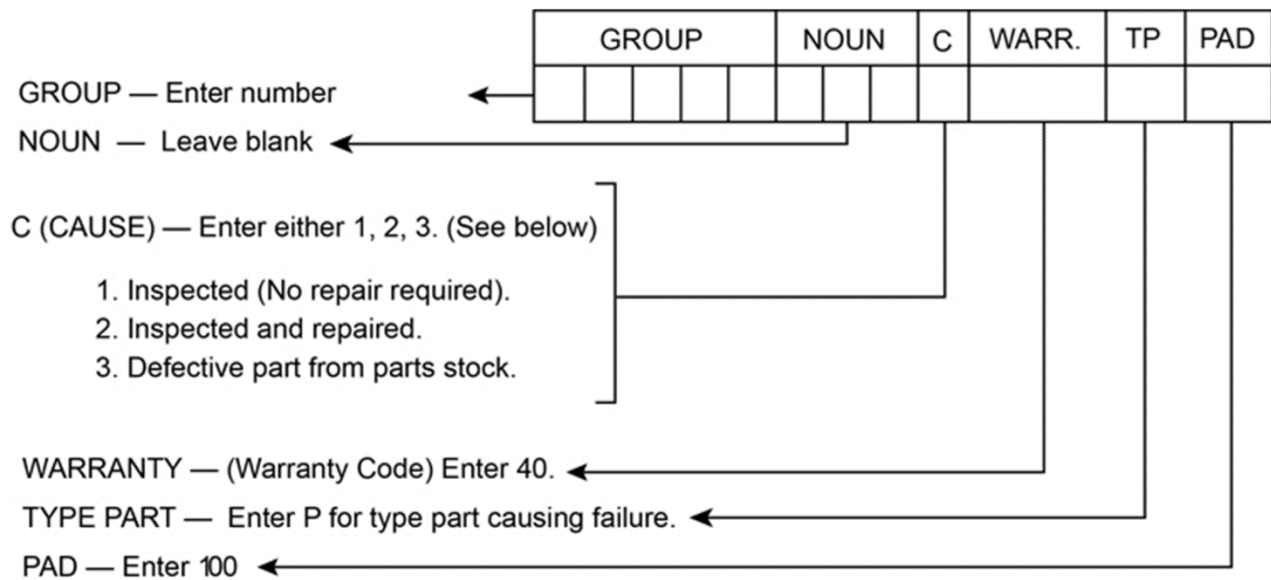
WARRANTY CLAIMS

Warranty claim expense is to be charged to Warranty. Claims are to be submitted in the normal manner, making reference to Field Service Campaign 16110.

It is important that the coding be completed properly to assist in processing the warranty claim. Complete instructions will be found in the Warranty Policy Manual, Section 7.1.8.

As with all claim submissions, items acquired locally must be submitted in the “Other Charges” tab. The cost of any bulk items (such as a bag of cable tie straps, roll of wire, barrel of oil, or tube of silicone) should be prorated for the cost of the individual pieces / amount used during each repair.

To make sure this important improvement is made in a timely manner, all claims for 16110 activity must be submitted by 07 April 2017 or within the normal warranty period for the component, if after 07 April 2017.



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