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Coding Information

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Title: DM harness inspection

Applies To: 0005710 STRG COL, TILT & TELE

CHANGE LOG

Please refer to the change log text box below for recent changes to this article:

02/10/2017 - Initial Article Release

DESCRIPTION

iKnow for inspecting DM harness for damage, and correct routing

This document relates to IK0800389

SYMPTOM(s)

Steering wheel switch's not working
Multifunction switch not working
DTC's

Diagnostic Trouble Code(s) & Dashboard Indicator Light(s):

DTC/Light	Description
SPN 596 FMI 0	Cruise Control Switch reading above normal range 2
SPN 596 FMI 1	Cruise Control Switch reading below normal range 2
SPN 596 FMI 2	Cruise Control Enable Switch error 2
SPN 520650 FMI 0	Headlight Interrupt, Marker Interrupt and Air Horn Switch reading above normal range 7
SPN 520650 FMI 1	Headlight Interrupt, Marker Interrupt and Air Horn Switch reading below normal range 7

Customer Observations or Concerns:

Steering wheel switch's not working
Multifunction switch not working

SPECIAL TOOL(s) / SOFTWARE

N/A

SERVICE PARTS INFORMATION

N/A

DIAGNOSTIC STEP(s)

Please see Steering Wheel Switch Diagnostics in ProStar technician manual.

https://evaluate.internationaldelivers.com/service/SVCDOCS/Navistar/Truck/0000863170_XSWSDIAGXFCAP.xml

REPAIR STEP(s)**REMOVAL PROCEDURE:**

Screws
Close-out panel



Screws
Column Covers Upper

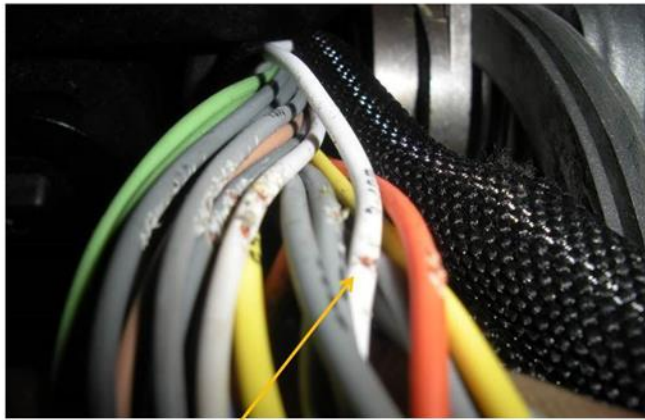


Screws (one on each side)
Column Cover Lower

Using a Torx T-20 driver, remove the screws from the column covers and the lower close out panel (if applicable).

Figure 1: removal of cowl

1. Once cowl is removed inspect harness as shown in figure 2.



Damaged wires and loom from rubbing and abrasion

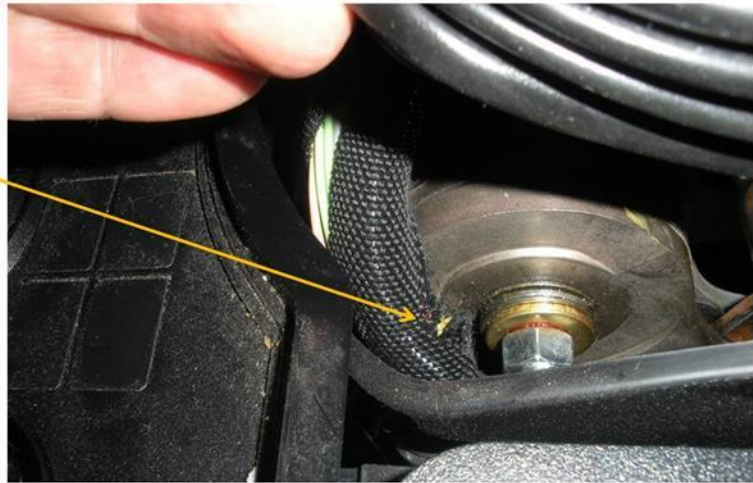


Figure 2: Image of damaged harness

2. If damage is found repair and continue with reroute in figure 3 & 4.
3. If no damage is found continue with Steering Wheel Switch Diagnostics in ProStar technician manual.



Multi-function switch Boot



Screws (one on other side)



Multi-function switch electrical connector

Remove the upper covers. Move the boot downward, if needed. Then, using a Torx T-20 driver, remove the two screws from the multi-function switch (turnsignal).

Then, unplug the electrical connector from the multi-function switch (turnsignal).

Figure 3: Reroute procedure



Bracket screws



Before – clip hole up



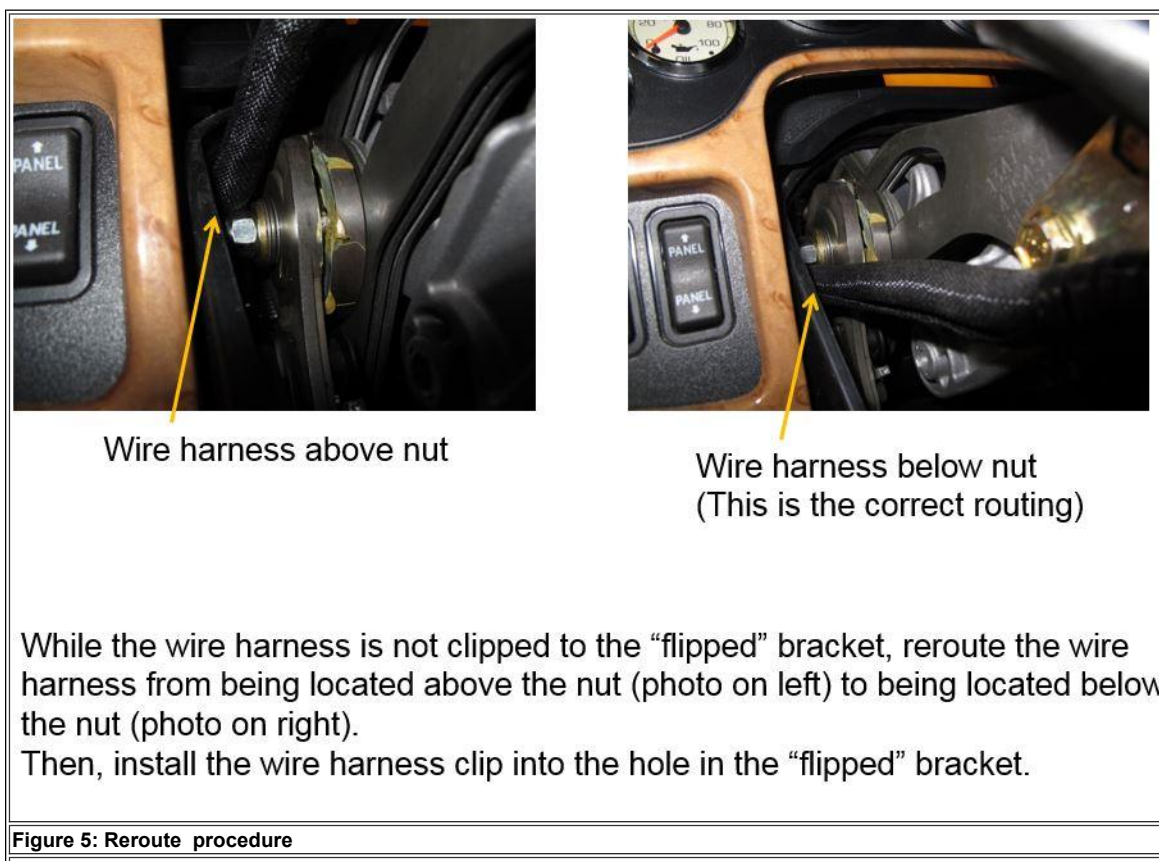
After – clip hole down

With the multi-function switch removed, move the boot upward, until the wire harness clip bracket screws are accessible. Remove the wire harness clip and harness from the bracket.

Using a 1/2" socket, remove the two screws and "flip" the bracket, so the hole for the clip is "down." (See After – clip hole down photo).

Reinstall the two screws – torque to 200 +/- 25 lbs.-in.

NOTE: Prior to installing the wire harness/clip back into the bracket, the wire harness needs to be rerouted – see next slide.

Figure 4: Reroute procedure**INSTALLATION PROCEDURE:**

Install in reverse order

WARRANTY INFORMATION

N/A

Warranty Claim Coding:

Refer to the [Warranty Coding Manual](#) for Group and Noun Codes.

Standard Repair Time(s):

Refer to the [SRT Manual](#) for Repair Times

OTHER RESOURCES

[Master Service Information Site](#)

Viewed:

Helpful: 1

Not Helpful: 0

No Feedback Found

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