



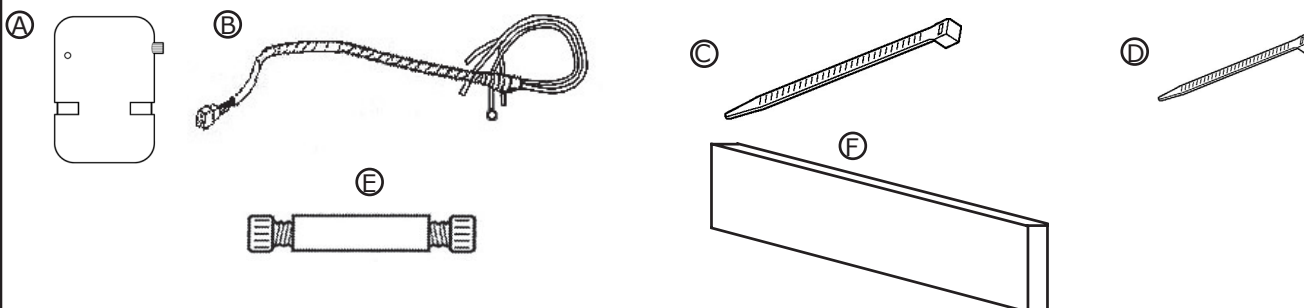
GENUINE PARTS

INSTALLATION INSTRUCTIONS

- 1. DESCRIPTION:** Impact Sensor
- 2. APPLICATION:** Infiniti M (2011)
- 3. PART NUMBER:** 999M2 VW001 or 999M2 VW005

4. KIT CONTENTS:

Item	QTY	Description
A	1	Impact Sensor
B	1	Harness
C	1	14" Cable Tie
D	5	8" Cable Tie
E	3	Posi-Taps®
F	2	Foam Pad 8 1/2" x 1"



NOTE: ITEMS "A" AND "B" ARE PACKAGED AS A SINGLE ASSEMBLY

5. TOOLS REQUIRED:

1. Philips screw driver (#2 Long)
2. Clip remover
3. 1/4" driver w/ 10mm socket
4. Plastic pry bar (P/N J-46534 or equivalent)
5. Electrical Tape
6. Utility Knife

6. PRE-INSTALLATION CAUTIONS/NOTES:

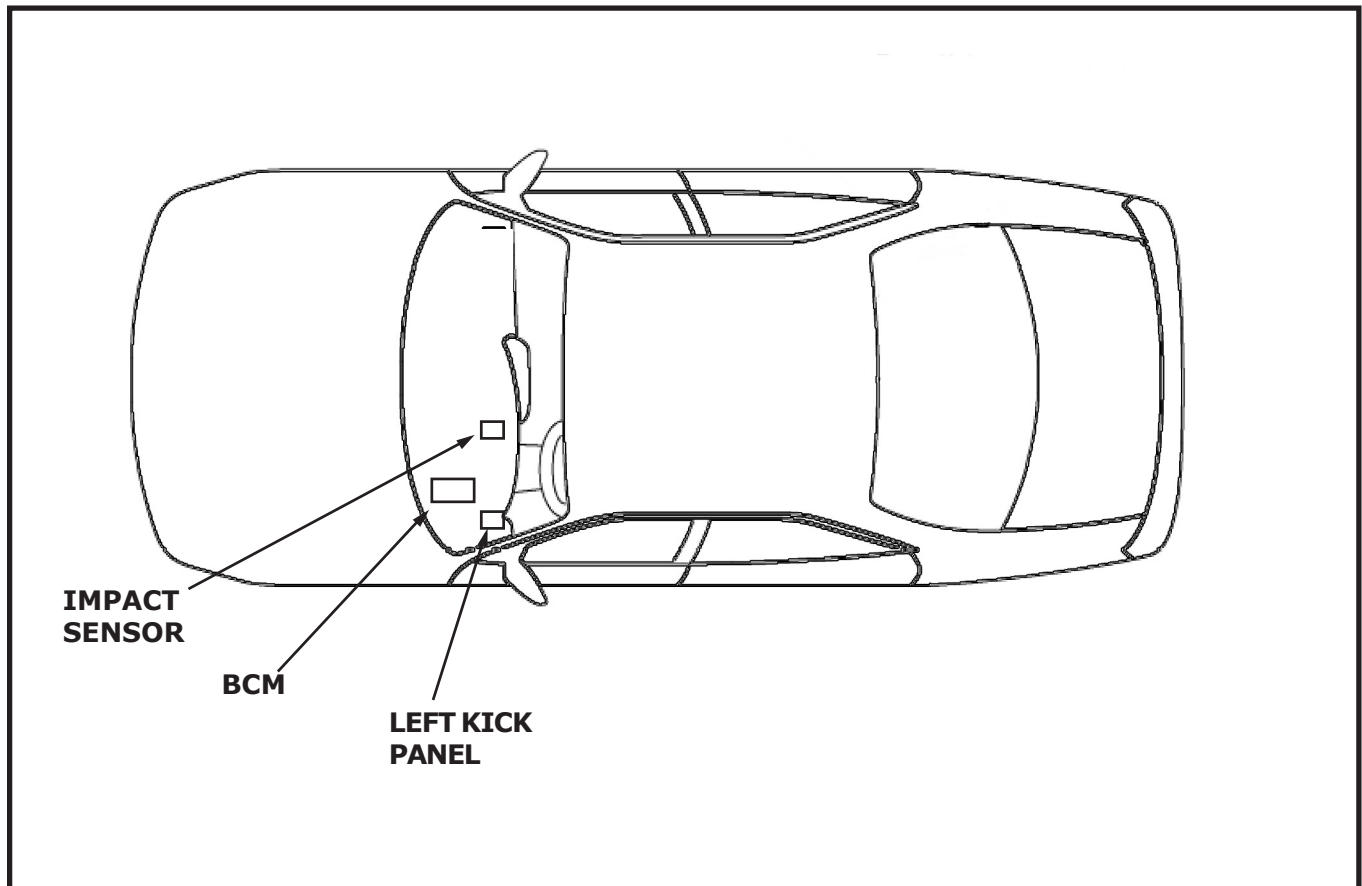
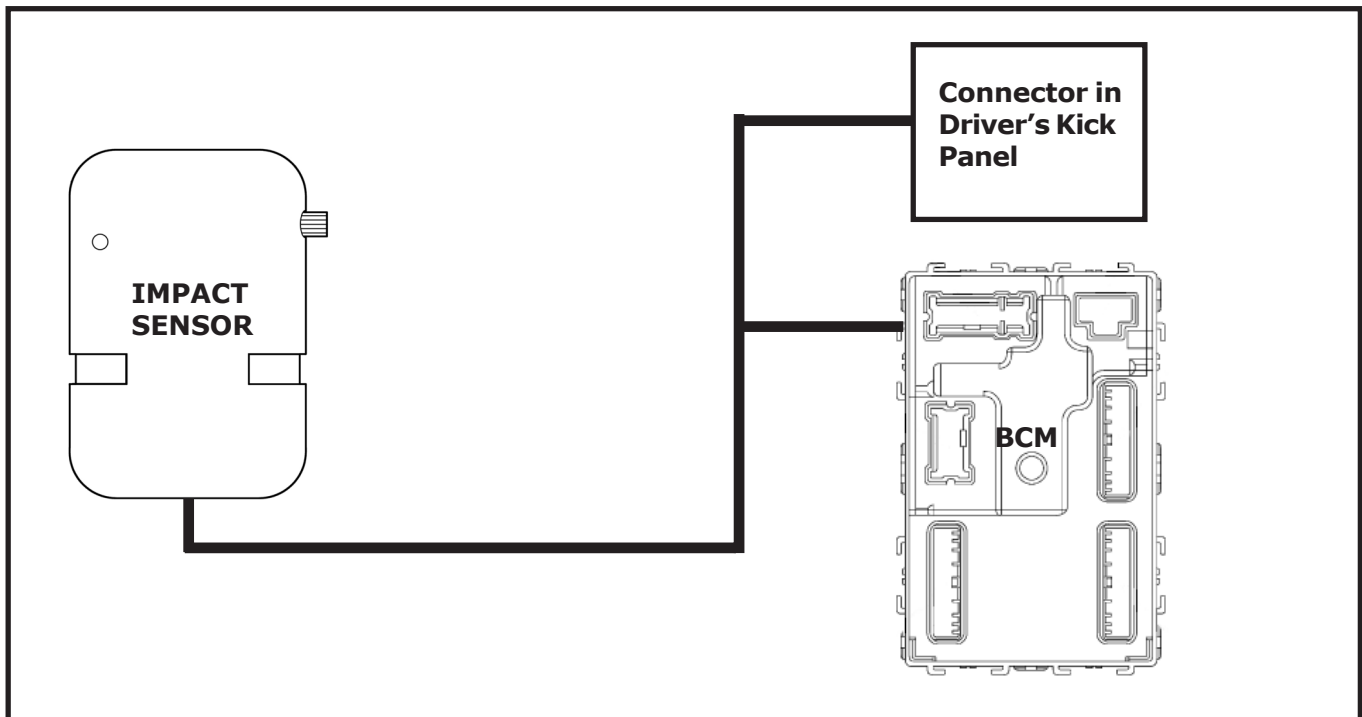
Dealer Installation Recommended. Instructions refer to Service Manual.

CAUTION

- Use caution when removing/re-installing interior components to avoid damage, scratches, or breaking of mounting clips.
- The following steps are critical and must be performed EXACTLY as specified to ensure proper installation:
 - Mounting of the Impact Sensor.
 - Install Posi-Tap®.

IMPACT SENSOR

7. INSTALLATION OVERVIEW



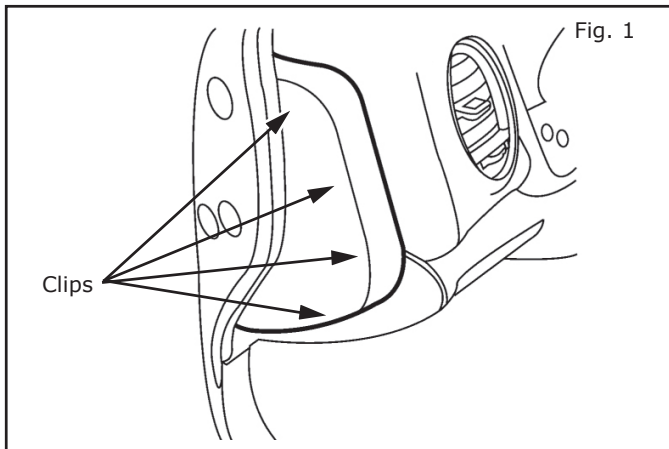
IMPACT SENSOR

8. VEHICLE PREPERATION

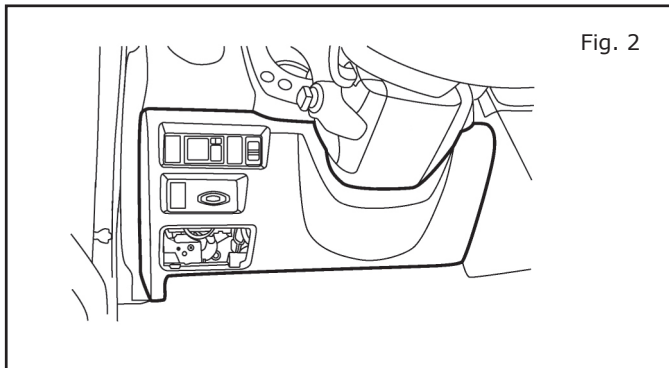
- 1) Record the customer radio presets.

Preset	1	2	3	4	5	6	7
A							
B							
C							

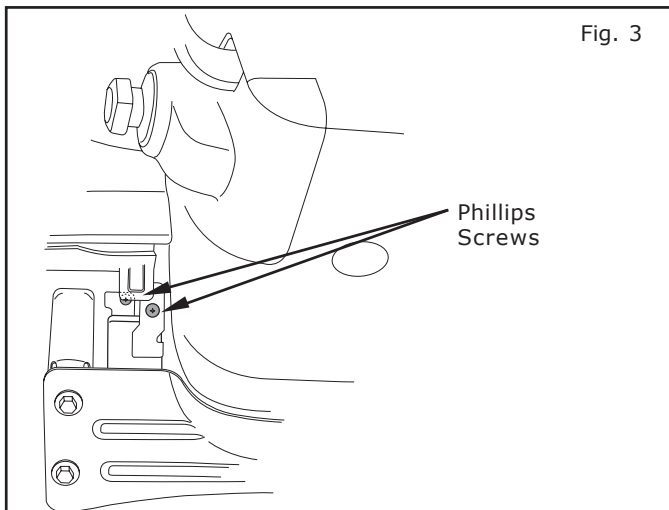
- 2) Disconnect the battery negative terminal to prevent short circuits during installation.
- 3) Locate provided foam pads. Cut (1) foam pad in half, leaving (2) 4 1/4" pieces.



- 4) Remove the Instrument Panel Side Mask LH. Fig. 1
 - a) Pull the Instrument Panel Side Mask toward the door opening to release the clips.



- 5) Remove the Instrument Lower Panel LH. Fig. 2
 - a) Remove the (2) 10 mm bolts securing the hood release lever.
 - b) Pull the Instrument Lower Panel LH rearward in the vehicle to release the (8) retaining clips.
 - c) Remove harness connector and hose for Instrument Lower Panel (optional).



- 6) Partially remove BCM. Fig. 3 & Fig. 4
 - a) Disconnect the wire harness connected to the Tilt/Telescoping motor.
 - b) Remove the (2) phillips screws securing the BCM.

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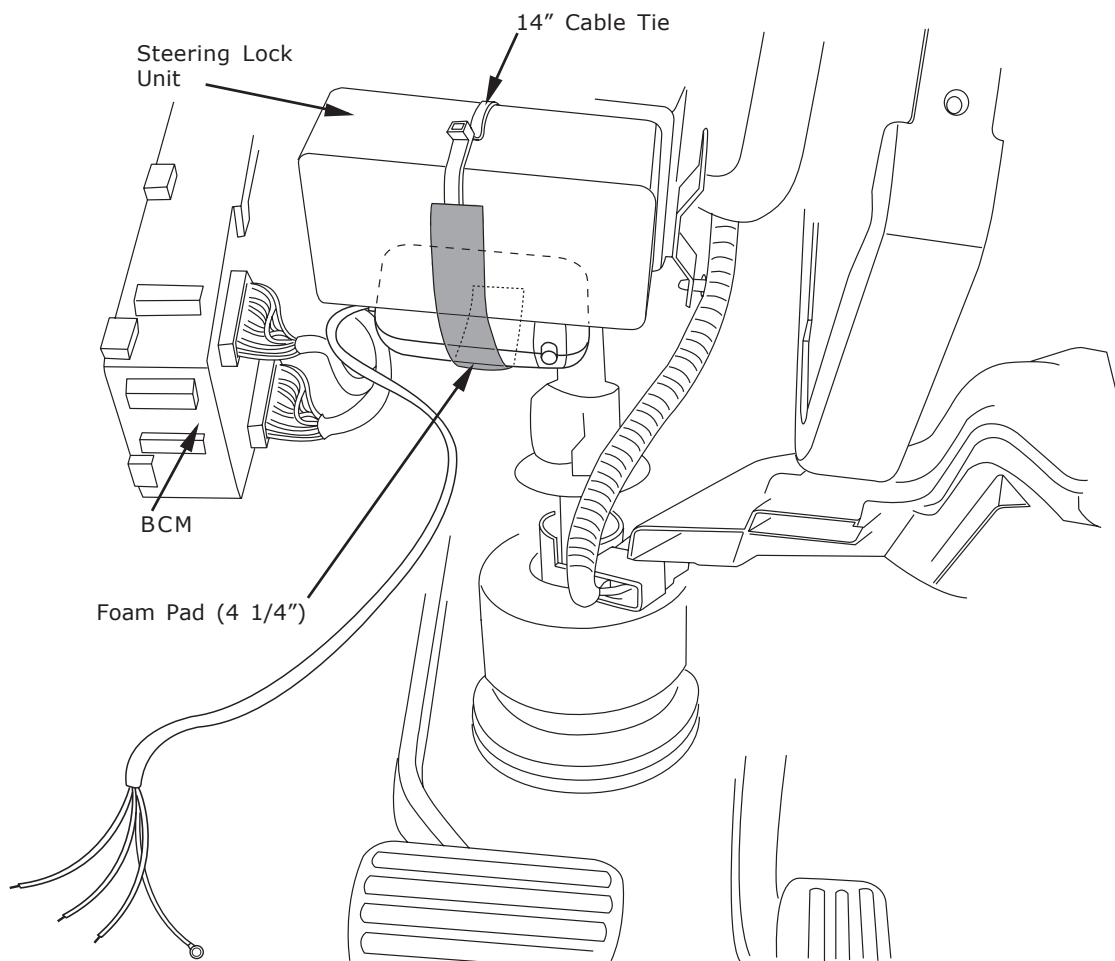
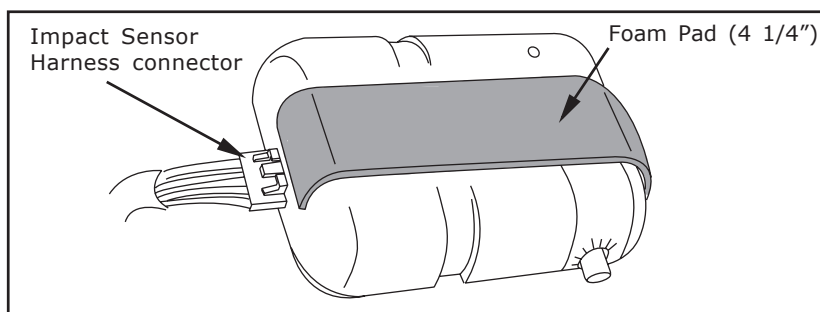
9. INSTALLATION PROCEDURE

NOTE

- Set the sensitivity of the Impact Sensor to "3" prior to mounting.

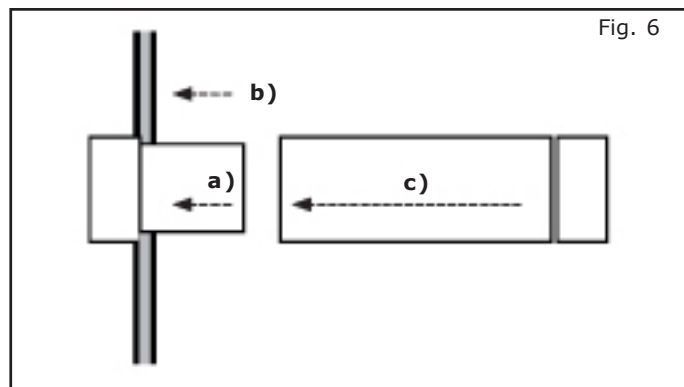
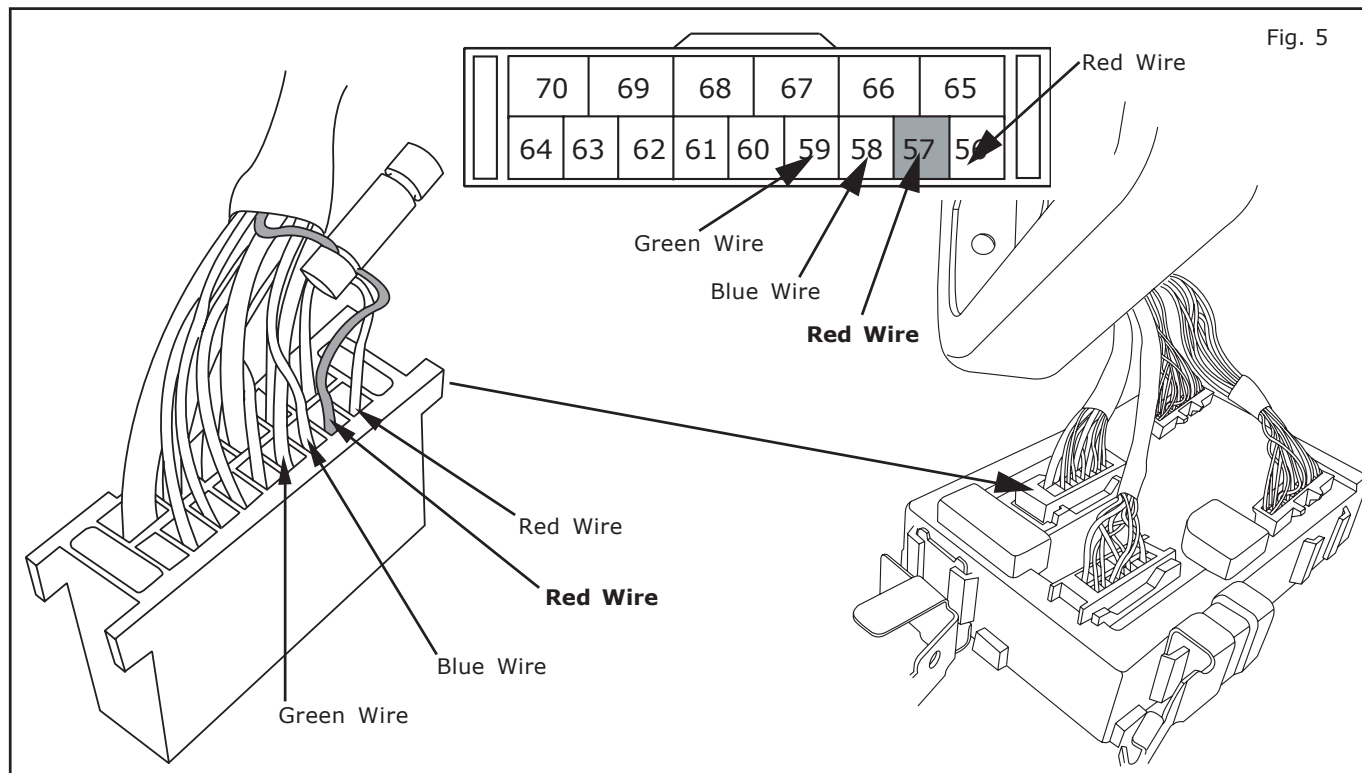
- 1) Secure the Impact Sensor. Fig. 4
 - a) Set the sensitivity of the Impact Sensor to "3" prior to mounting.
 - b) Starting near the Impact Sensor Harness connector, wrap the front of the Impact Sensor with (1) 4 1/4" piece of foam pad. Do not cover up the sensitivity adjustment knob or label.
 - c) Secure the Impact Sensor with (1) 14" cable tie to the Steering Lock Unit.
 - d) Trim the excess cable tie end after tightening.
 - e) Wrap the back of the Impact Sensor, cable tie and Steering Lock Unit with (1) 4 1/2" piece of foam pad.

Fig. 4



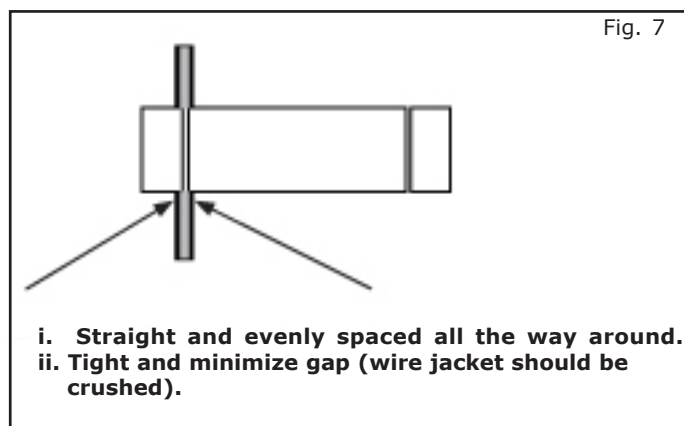
IMPACT SENSOR

- 2) Tap the Red wire of the Impact Sensor Harness to the Red wire, located in cavity 57 of the FEA09FW-FHA6 connector at the BCM. Fig. 5
 a) See steps 3-7 for Posi-Tap® installation instructions.



- 3) Tap vehicle wire. Fig. 6
 a) Remove cap (slot side) from tap body.
 b) Slide cap around vehicle wire.
 c) Tighten the tap TIGHT with finger pressure.

Note:
 Do not re-use the tap for subsequent re-installation.

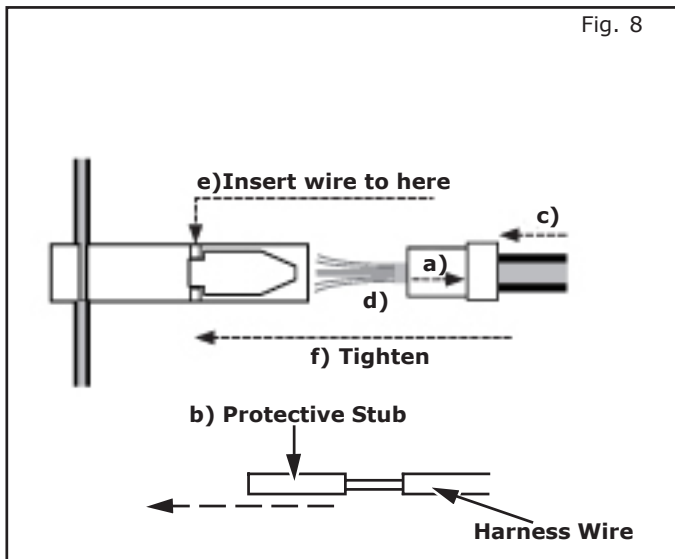


- 4) Inspect the tap to ensure correct installation. Fig. 7

Note:
 Avoid putting pressure on the vehicle wire and tap for the rest of the installation.

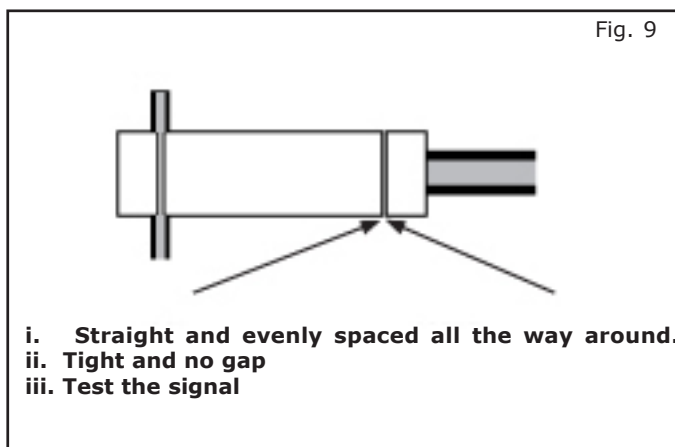
IMPACT SENSOR

Fig. 8



- 5) Tap the Red wire from the Impact Sensor Harness. Fig. 8
 - a) Remove tap (non-pierce) side from tap.
 - b) Remove protective stub from harness wire.
 - c) Insert the Red wire through the non-pierce side opening.
 - d) Spread the individual strands into a fan shape.
 - e) Insert wire into the tap body and ensure that it is all the way in.
 - f) Tighten the tap TIGHT with finger pressure.

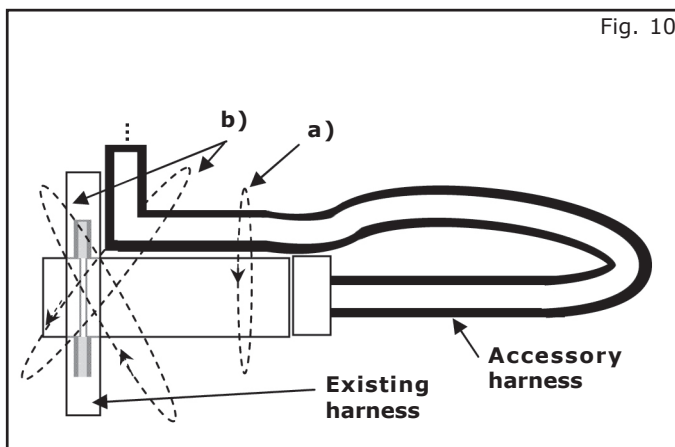
Fig. 9



- 6) Confirm installation of the tapped accessory wire. Fig. 9
 - a) Inspect the tap to ensure correct installation.
 - b) Test the signal to ensure that it is working properly.

Note:
 Avoid putting pressure on the vehicle wire and tap for the rest of the installation.

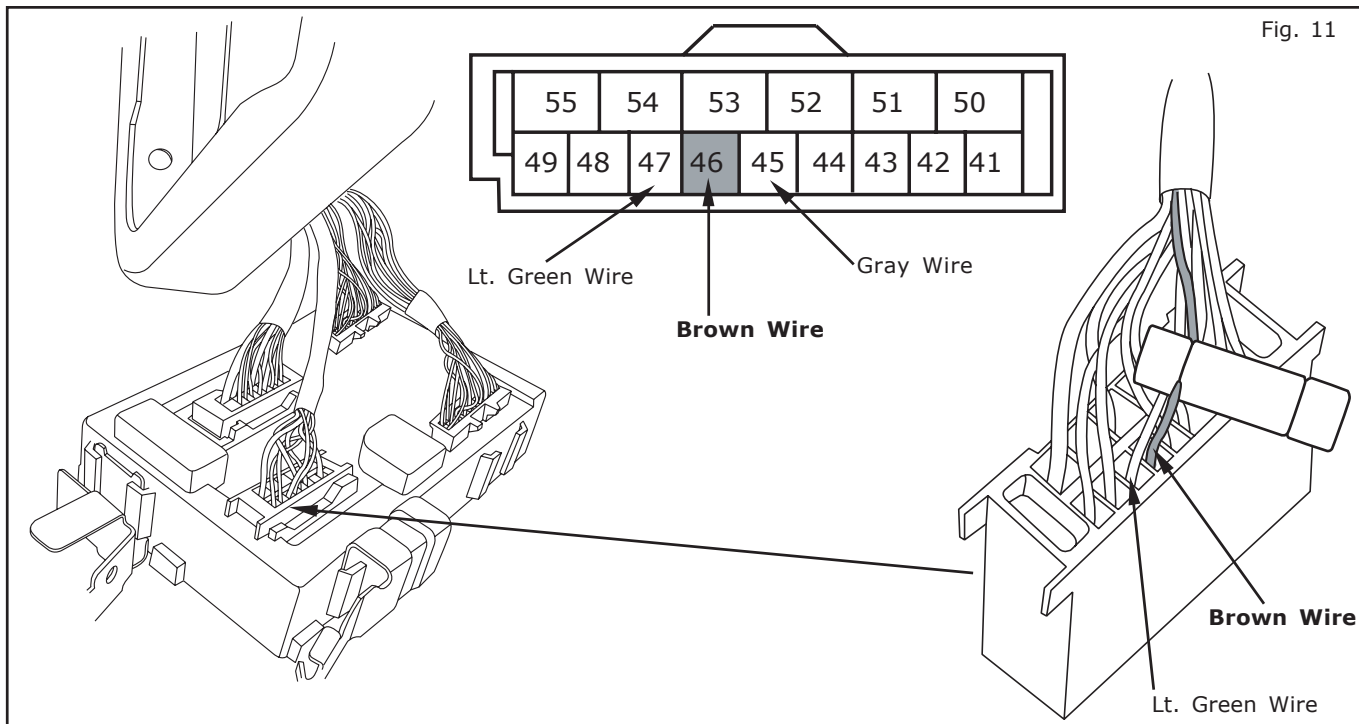
Fig. 10



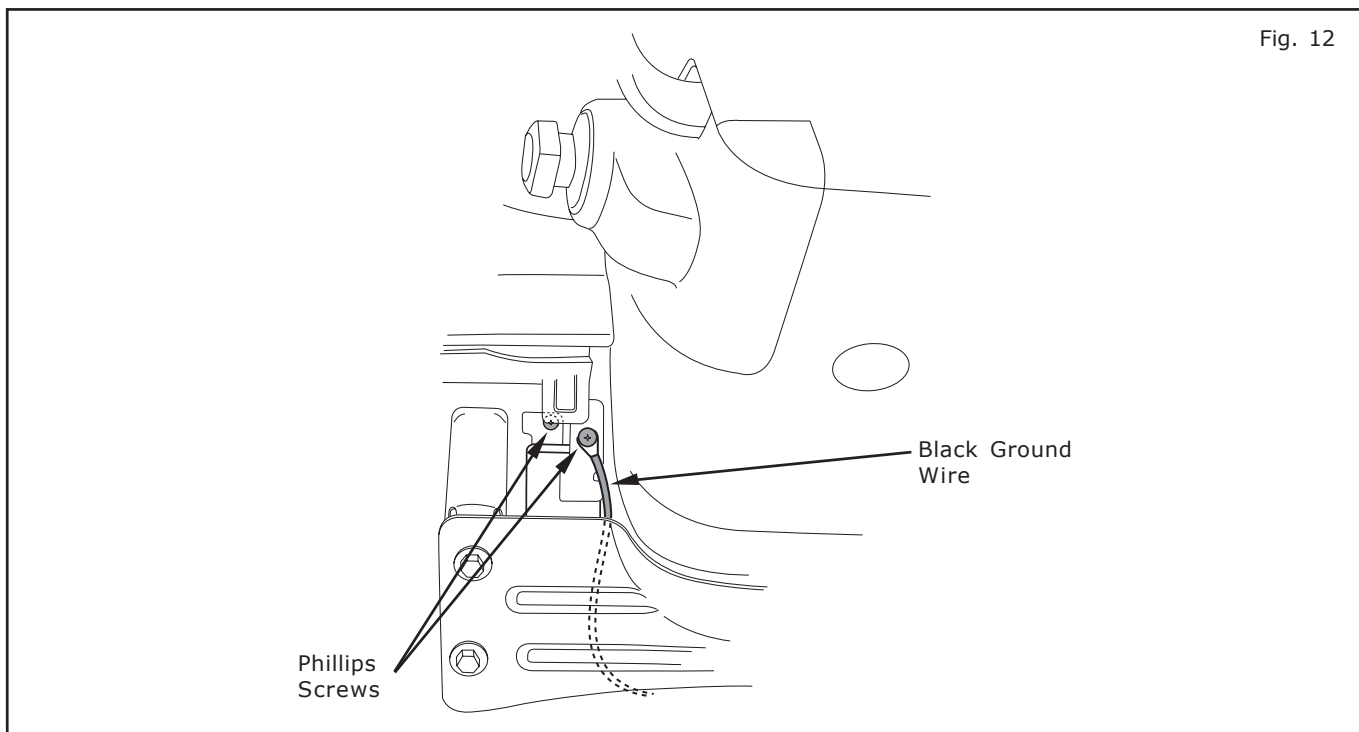
- 7) Secure the tap. Fig. 10
 - a) Secure the tapped wire on the non-pierced side to the body of the posi-tap with electrical tape (≥ 2 revolutions).
 - b) Secure the body to harness where vehicle wire is being tapped with electrical tape (≥ 2 revolutions).

IMPACT SENSOR

- 8) Tap the Brown wire of the Impact Sensor Harness to the Brown wire, located in cavity 46 of the FEA09FB-FHA6 connector at the BCM. Fig. 11 [®]
- a) See steps 3-7 for Posi-Tap [®] installation instructions.



- 9) Reinstall the BCM. Fig. 12
- a) Secure the BCM to the dash assembly using the (2) phillips previously removed. Attach the Impact Sensor harness ground wire to the right hand screw securing the BCM, refer to the service manual for the vehicle as necessary.
- b) Reconnect the harness to the Tilt/Telescoping Motor.



IMPACT SENSOR

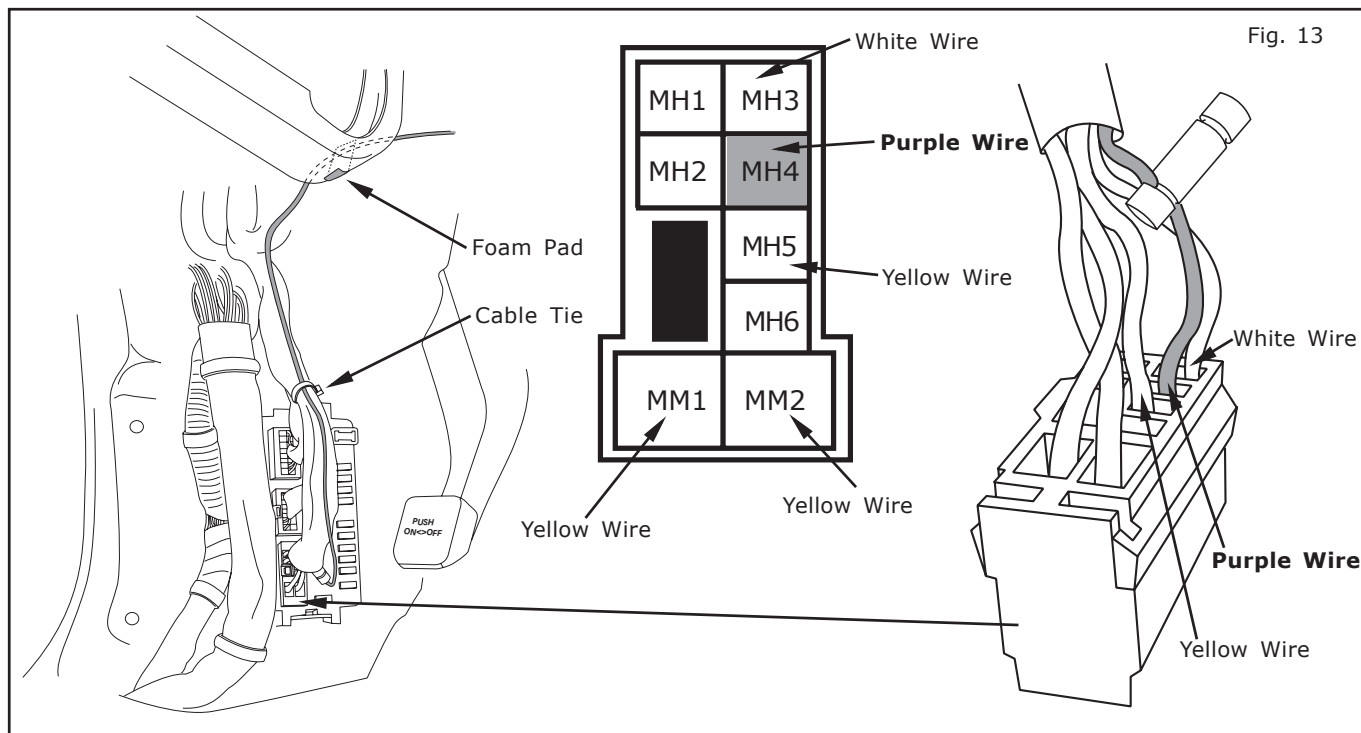
10) Tap the Blue wire of the Impact Sensor Harness to the Purple wire, located in cavity MH4 of the NS06-M2 connector at the J/B. Fig. 13

a) See steps 3-7 for Posi-Tap® installation instructions.

b) Secure the Blue wire of the Impact Sensor Harness with (1) cable tie to the factory harness.

c) Trim the excess cable tie end after tightening.

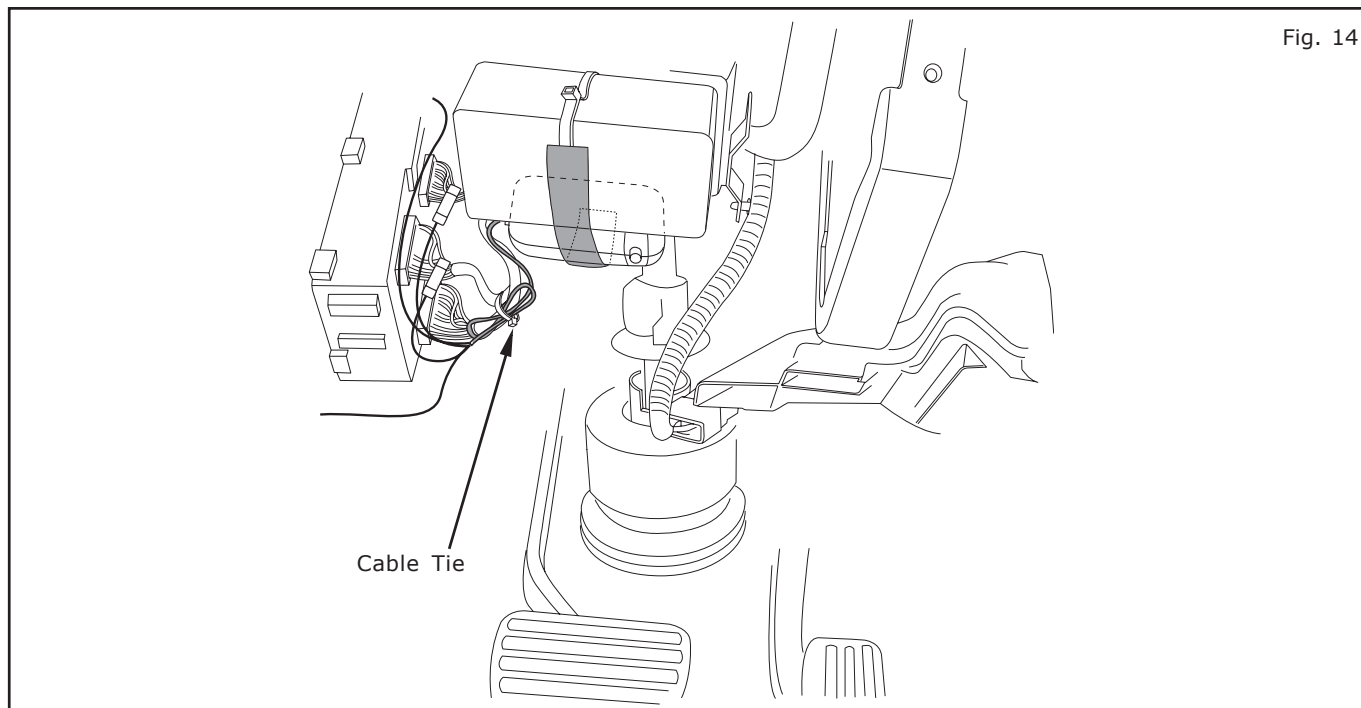
d) Secure the Blue wire of the Impact Sensor Harness with (1) 4 1/4" piece of foam pad to the back side of the left hand dash brace, located near the steering column.



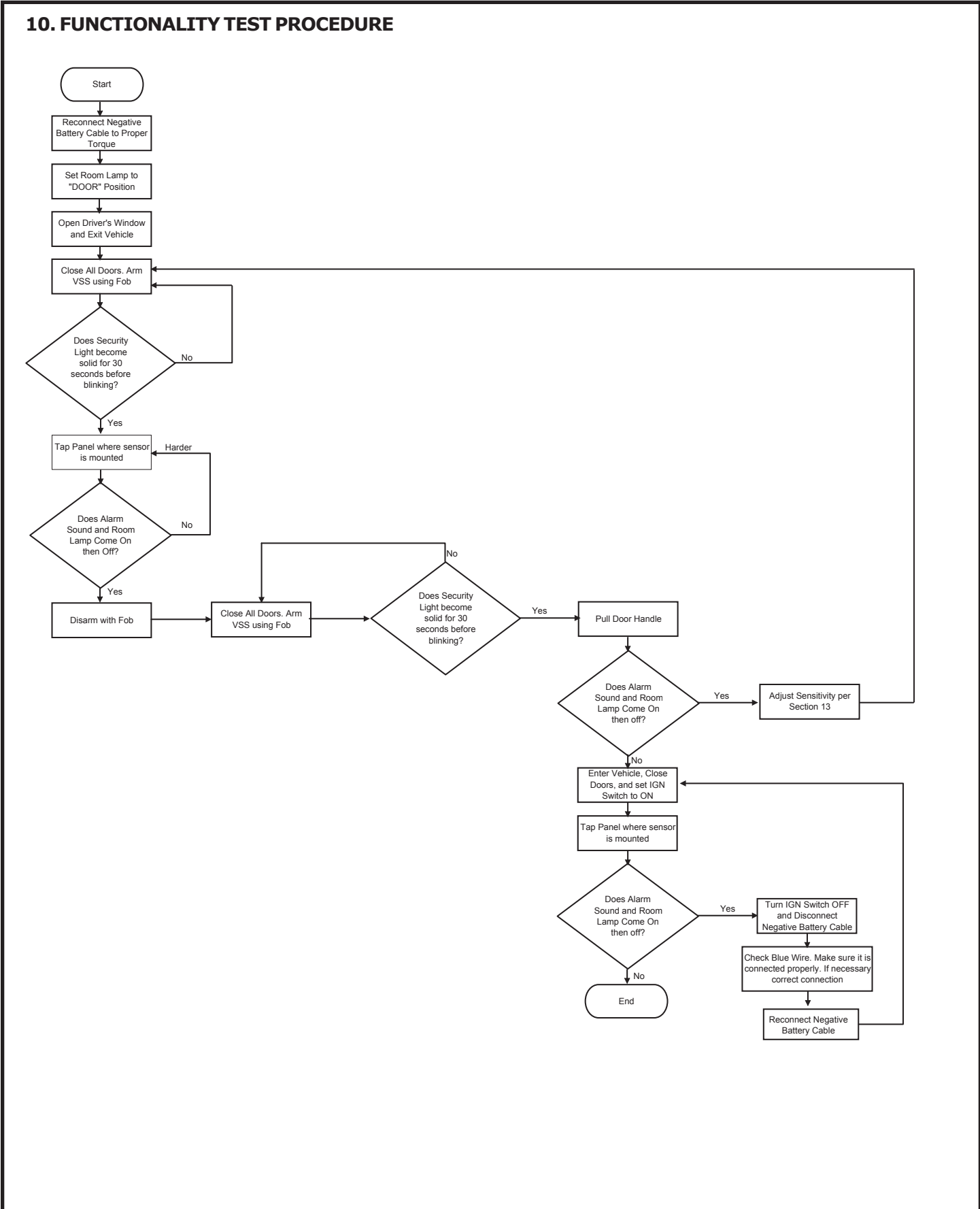
11) Secure excess Impact Sensor Harness. Fig. 14

a) Secure any excess Impact Sensor Harness with (1) cable tie to the factory harness.

b) Trim the excess cable tie end after tightening.



IMPACT SENSOR



IMPACT SENSOR

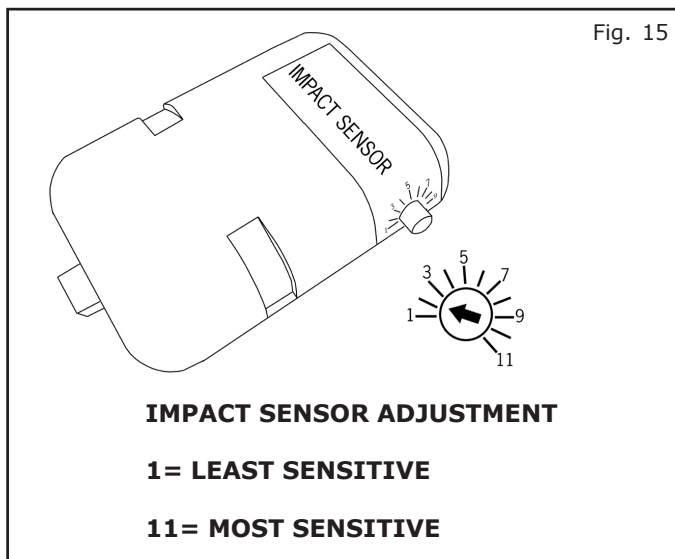
11. REINSTALLATION OF REMOVED PARTS

- 1) Reinstall all removed vehicle parts. Refer to the service manual for the vehicle as necessary.
- 2) Be sure to engage all the clips on the interior finish panels.
- 3) Reprogram the radio presets.
- 4) Clean the vehicle interior.

12. FINAL INSPECTION

- 1) Inspect the vehicle interior and exterior for damage.
- 2) Start vehicle and verify that there are no DTC indicators on the meter.
- 3) Place the Quick Reference Guide into vehicle's glovebox.

13. IMPACT SENSOR ADJUSTMENT PROCEDURE



- 1) In the event of customer complaint, Please use the following procedure. Fig. 15
 - a) Roll the driver's window down.
 - b) Close all doors and press the lock button on the transmitter.
 - c) Wait until the anti-theft light changes from solid to blinking
 - d) Lightly slap the steering wheel.
 - e) The vehicle alarm should trigger and the horn should be beeping.
 - f) Disarm the vehicle with the transmitter.
 - g) Adjust the sensitivity of the Impact Sensor by turning the knob located on the side, clock-wise for increased sensitivity, counter clock-wise for decreased sensitivity.
 - h) Repeat steps "b" - "g" until desired results are achieved.