



INFINITI

GENUINE PARTS

INSTALLATION INSTRUCTIONS

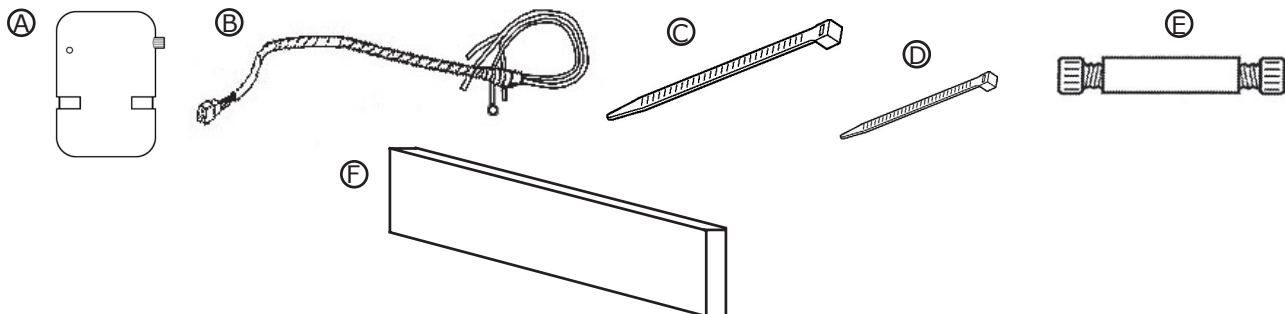
1. DESCRIPTION: Vehicle Alarm Impact Sensor

2. APPLICATION: EX35 (2008)

3. PART NUMBER: 999M2 VW005

4. KIT CONTENTS:

Item	QTY	Description
A	1	Impact Sensor
B	1	Harness
C	1	14" Tie Wrap
D	11	8" Tie Wrap
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 short)
2. Clip remover
3. 1/4" driver w/ 10mm socket
4. Plastic pry bar (P/N J-46534 or equivalent)
5. Electrical Tape

6. PRE-INSTALLATION CAUTIONS/NOTES:

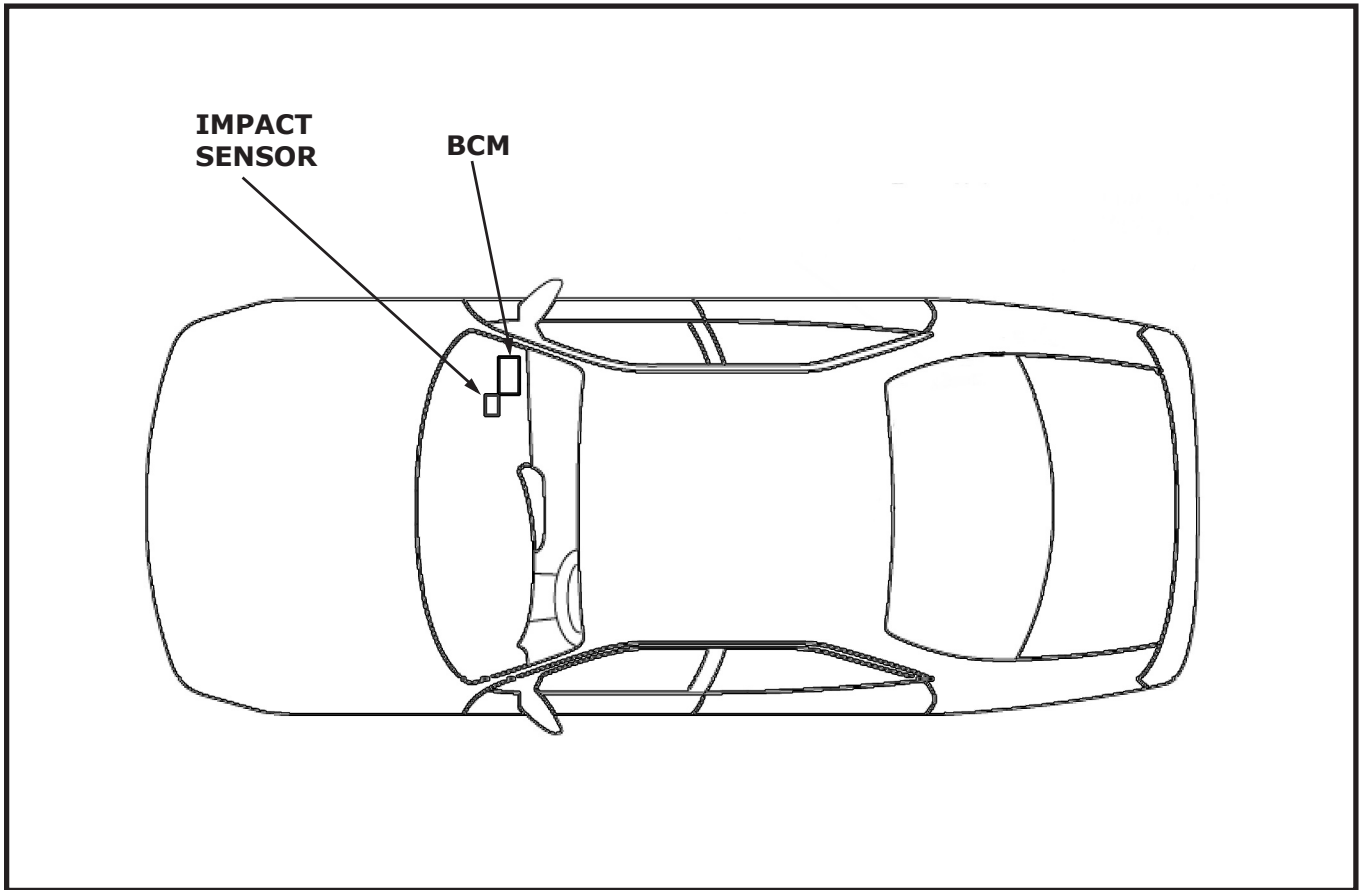
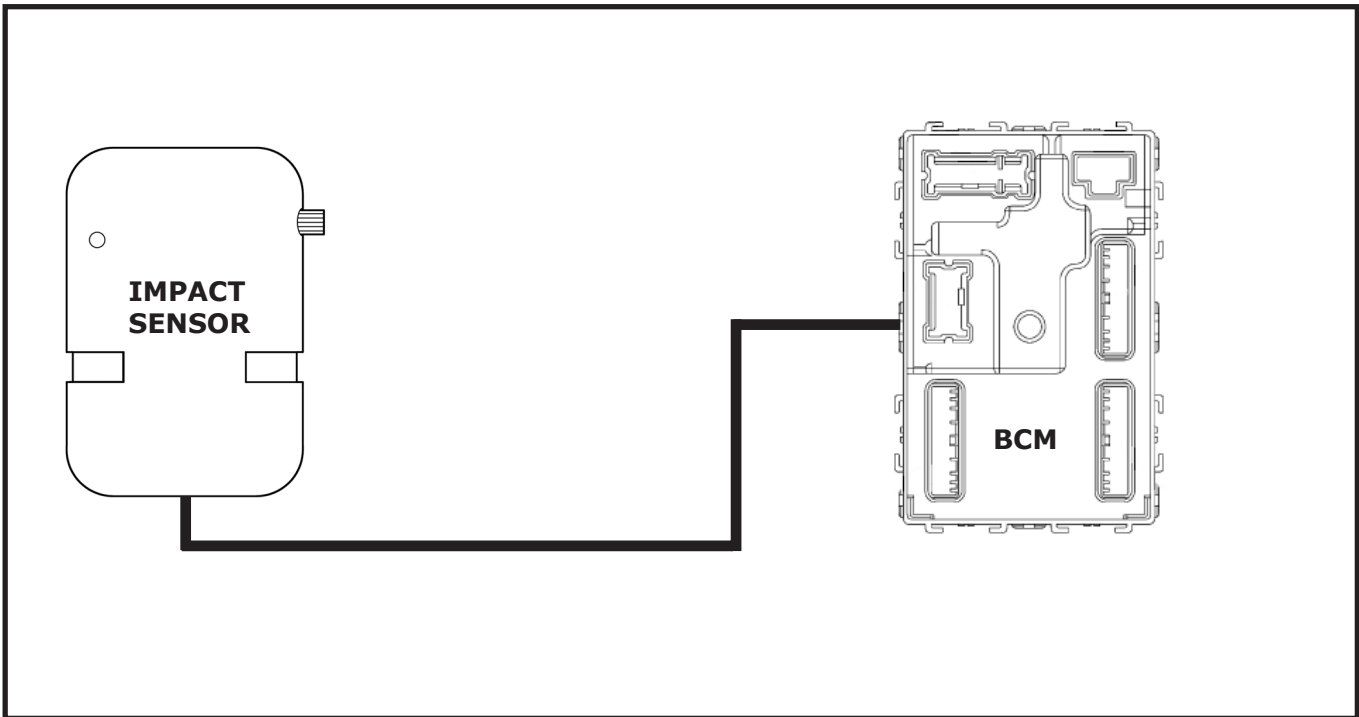
Dealer Installation Recommended. Instructions refer to Service Manual.

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®

VEHICLE ALARM IMPACT SENSOR

7. INSTALLATION OVERVIEW



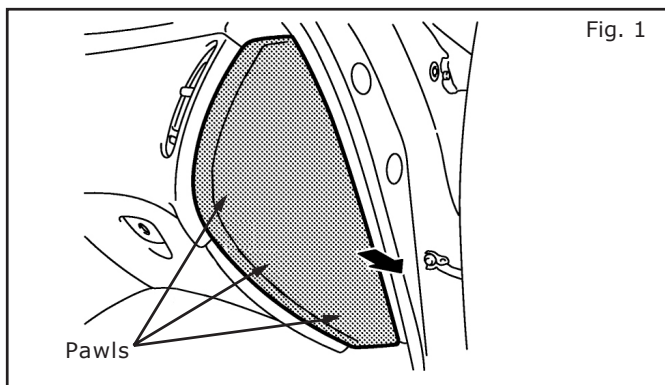
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8. VEHICLE PREPERATION

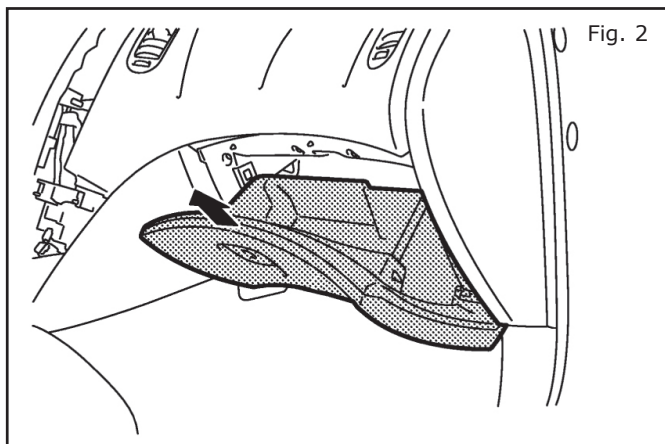
- 1) Record the customer radio presets.

Preset	1	2	3	4	5	6	7
A							
B							
C							

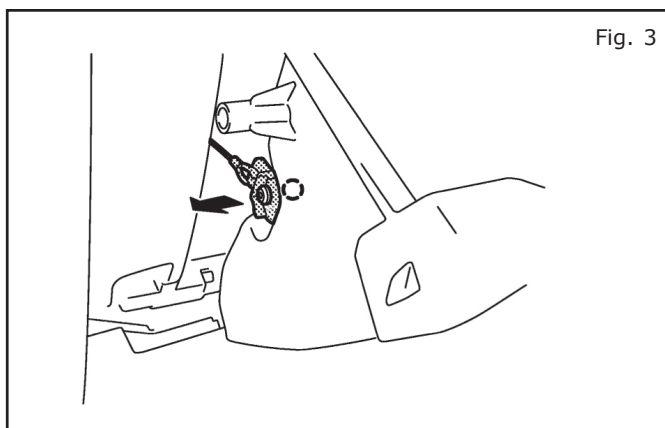
- 2) Disconnect the battery negative terminal to prevent short circuits during installation.
- 3) Cut 1" off the provided foam pad, leaving (2) pieces (7 1/2" and 1").



- 4) Remove the Instrument Side Finisher (RH).
Fig. 1
a) Insert a removal tool into the lower space.
b) Pull the Instrument Side Finisher (RH) crosswise to disengage the (3) pawls.

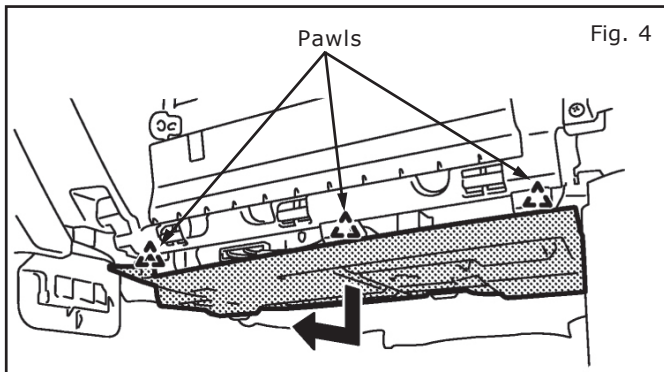


- 5) Remove the Glove Box Assembly. Fig. 2
a) Open the glove box.
b) Pull back glove box assembly.

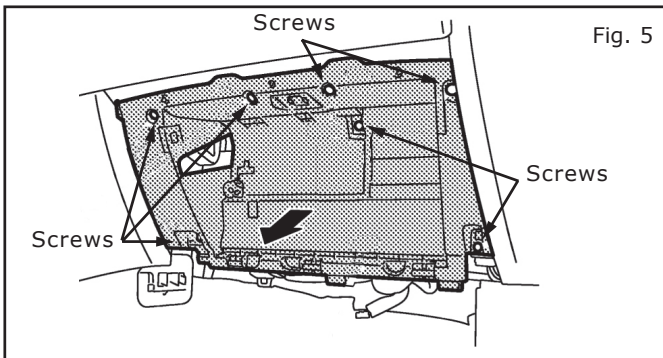


- 6) Remove damper pin. Fig. 3
a) Pull outward to disengage.

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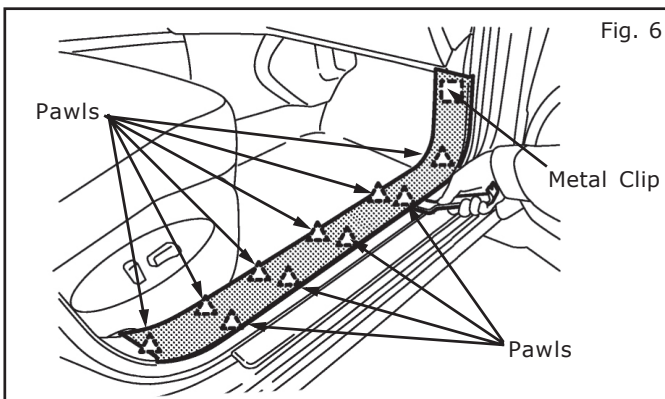
- 7) Remove Passenger Instrument Lower Cover. Fig. 4
- Pull downward, disengage pawls.
 - Pull back passenger instrument lower cover.
 - Disconnect the illumination lamp harness connector.



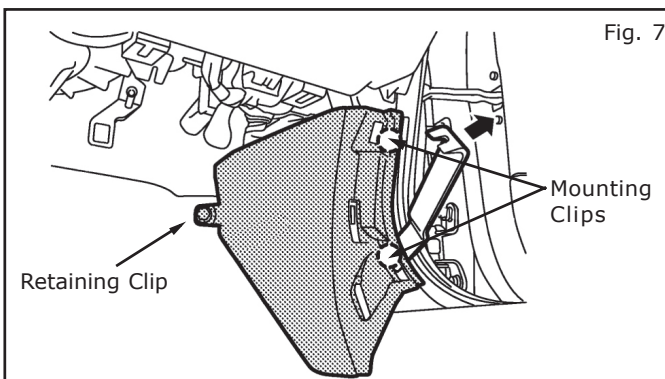
- 8) Remove Passenger Instrument Lower Panel. Fig. 5
- Remove the (7) fixing screws.
 - Pull back instrument lower panel.
 - Disconnect glove box lamp harness connector.

! CAUTION

- Front kicking plate and dash side finisher should be removed as one piece to prevent damage to parts.

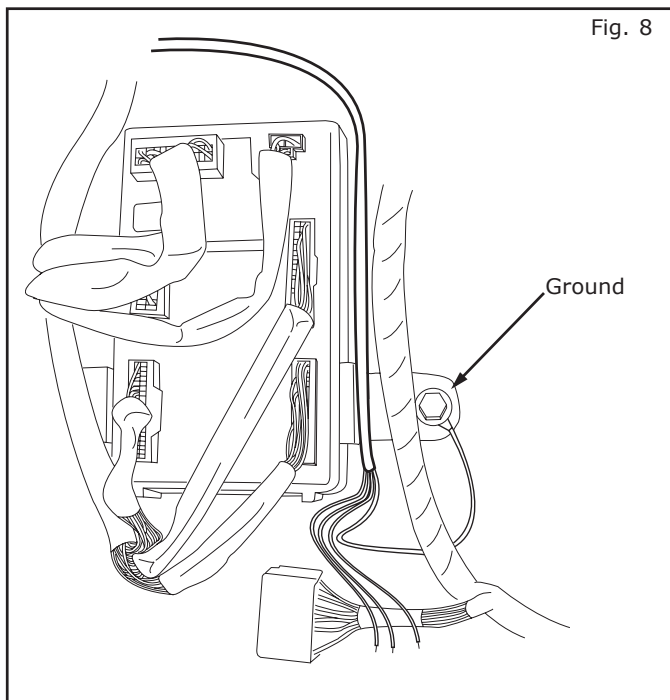


- 9) Remove the Front Kicking Plate Inner (RH). Fig. 6
- Disengage the (10) pawls and (1) metal clip from the body side panel using a trim removal tool.
 - Remove the front kicking plate inner.



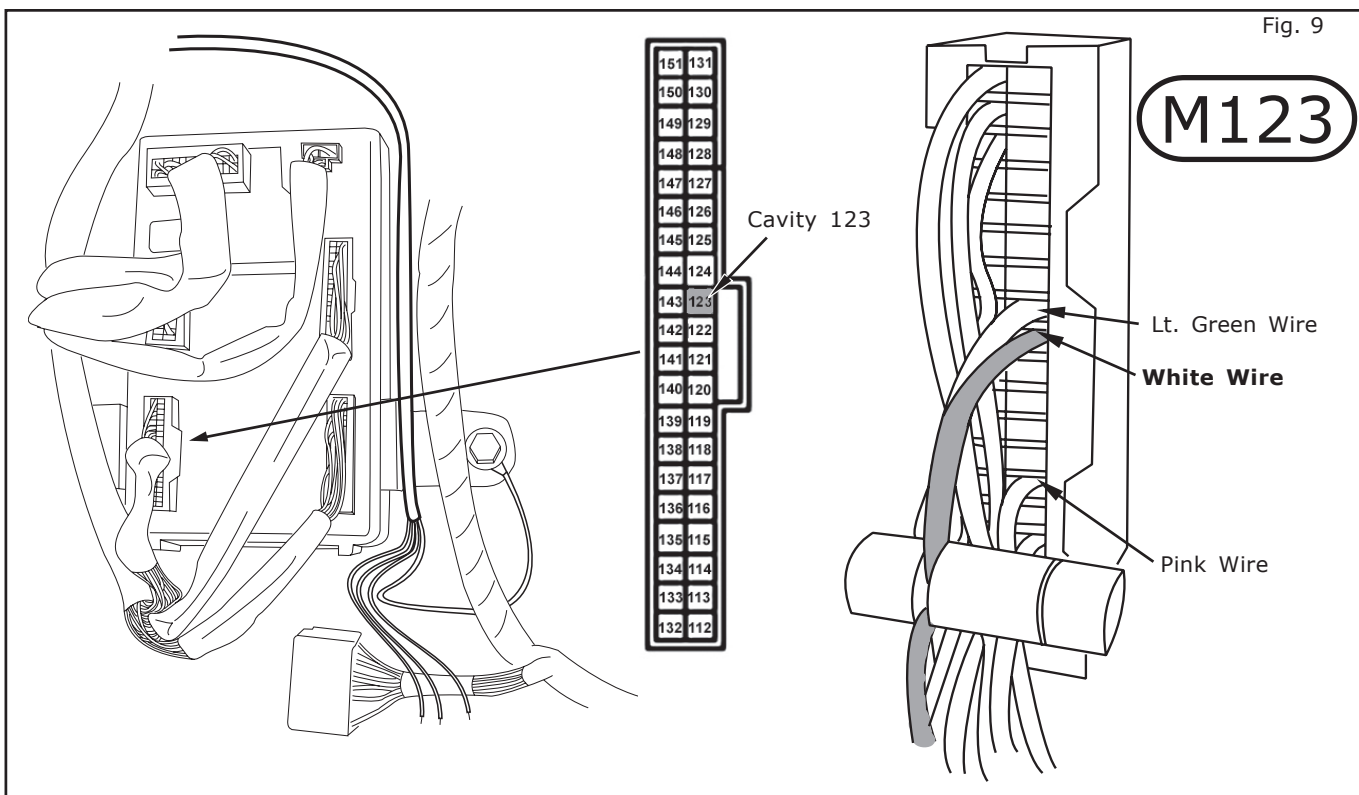
- 10) Remove the Dash Side Finisher (RH). Fig. 7
- Remove the retaining clip located near the vehicle dash wall.
 - Disengage the dash side finisher mounting clips with a trim removal tool.
 - Remove the dash side finisher panel.

9. INSTALLATION PROCEDURE

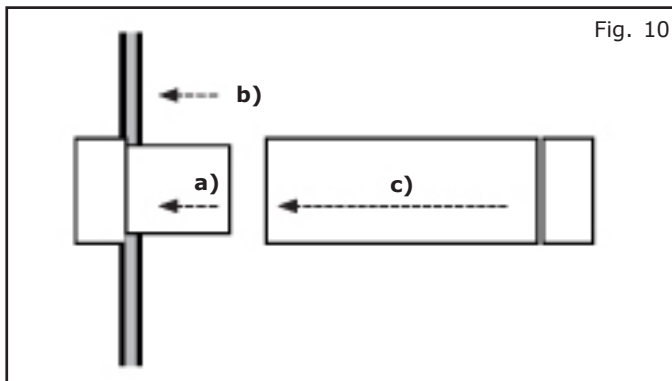


- 1) Connect the Impact Sensor Harness ground. Fig. 8
 - a) Remove the 10mm bolt located on the right hand bracket, attached to the BCM.
 - b) Install the Impact Sensor Harness ground terminal over the bolt and reinstall into the BCM bracket.

- 2) Tap the Blue wire of the Impact Sensor Harness to the White wire, located in cavity 123 of the M123 connector at the BCM. Fig. 9
 - a) See steps 3-7 for Posi-Tap® installation instructions.

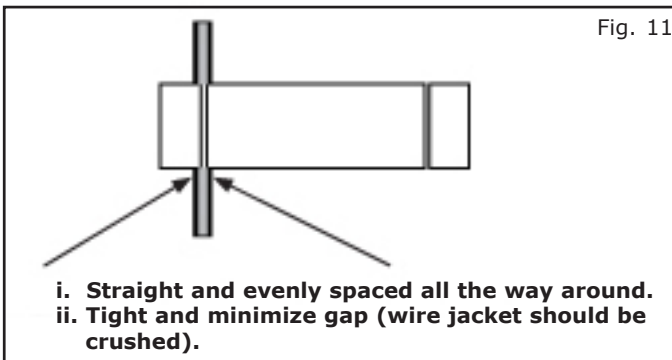


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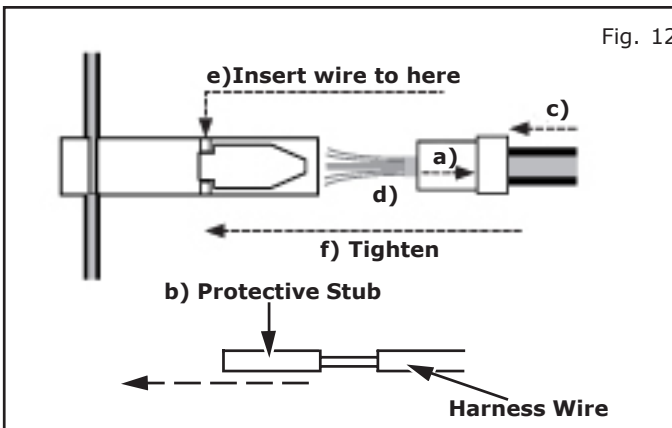
- 3) Tap vehicle wire. Fig. 10
 - a) Remove cap (slot side) from tap body.
 - b) Slide cap around vehicle wire.
 - c) Tighten the tap TIGHT with finger pressure.

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

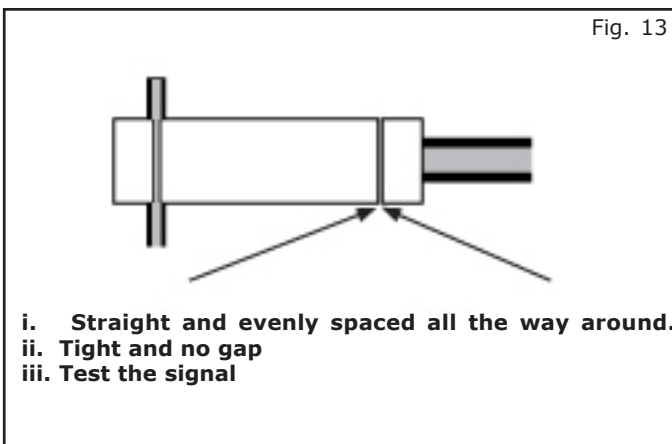


- 4) Inspect the tap to ensure correct installation. Fig. 11

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



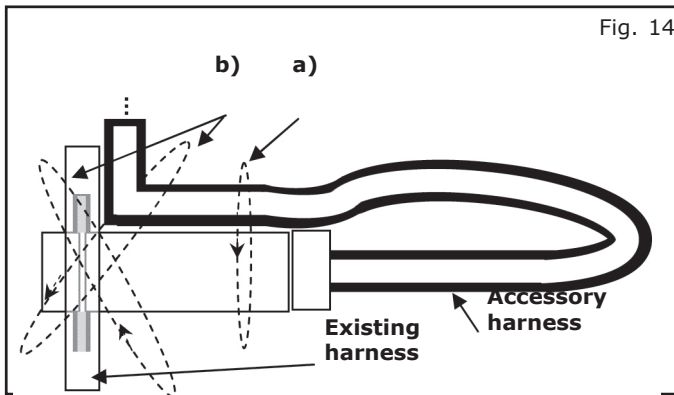
- 5) Tap the Accessory wire from the Impact Sensor Harness. Fig. 12
 - a) Remove tap (non-pierce) side from tap.
 - b) Remove protective stub from Red wire.
 - c) Insert the Red wire through the non-pierce side opening.
 - d) Spread the individual strands into a fan shape.
 - e) Insert wire into the tap body and ensure that it is all the way in.
 - f) Tighten the tap TIGHT with finger pressure.



- 6) Confirm installation of the tapped accessory wire. Fig. 13
 - a) Inspect the tap to ensure correct installation.
 - b) Test the signal to ensure that it is working properly.

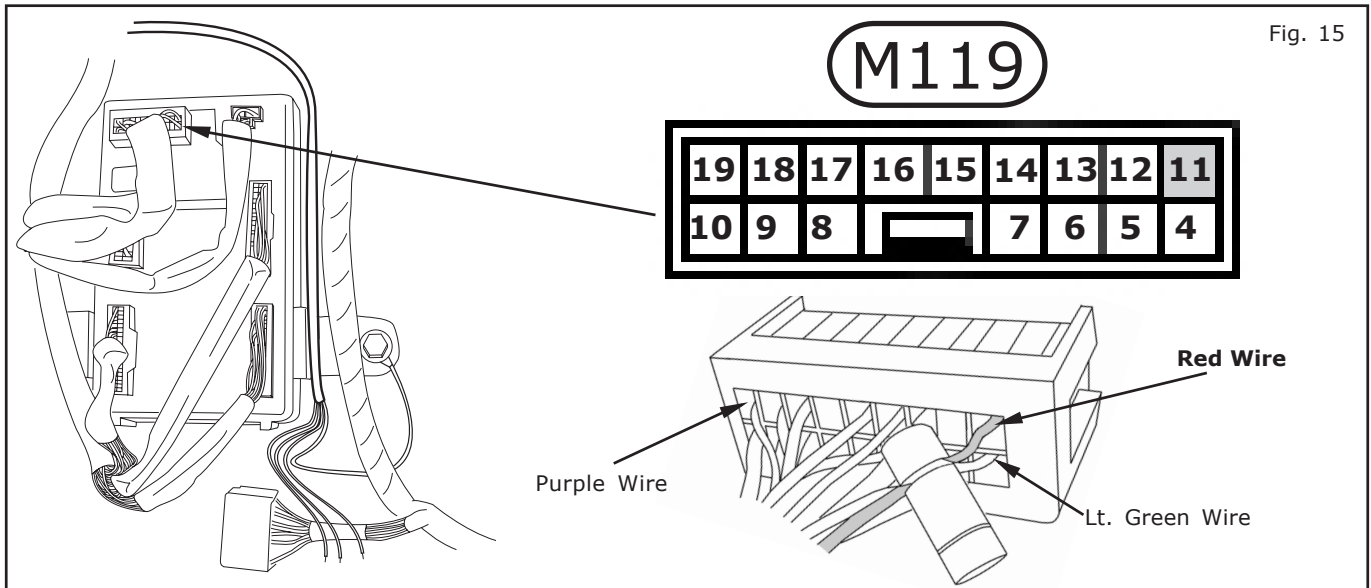
Note:
Avoid putting pressure on the vehicle wire and tap for the rest of the installation.

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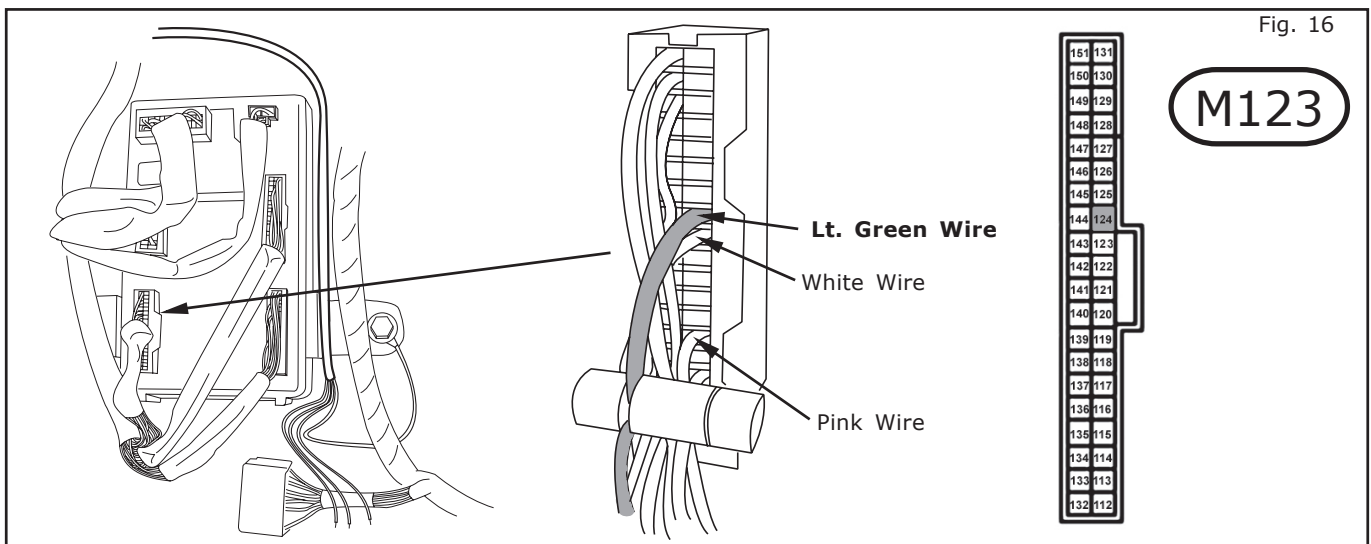


- 7) Secure the tap. Fig. 14
- Secure the tapped wire on the non-pierced side to the body of the posi-tap with electrical tape (≥ 2 revolutions).
 - Secure the body to harness where vehicle wire is being tapped with electrical tape (≥ 2 revolutions).

- 8) Tap the Red wire of the Impact Sensor Harness to the Red wire, located in cavity 11 of the M119 connector at the BCM. Fig. 15
- See steps 3-7 for Posi-Tap[®] installation instructions.



- 9) Tap the Brown wire of the Impact Sensor Harness to the Lt. Green wire, located in cavity 124 of the M123 connector at the BCM. Fig. 16
- See steps 3-7 for Posi-Tap[®] installation instructions.



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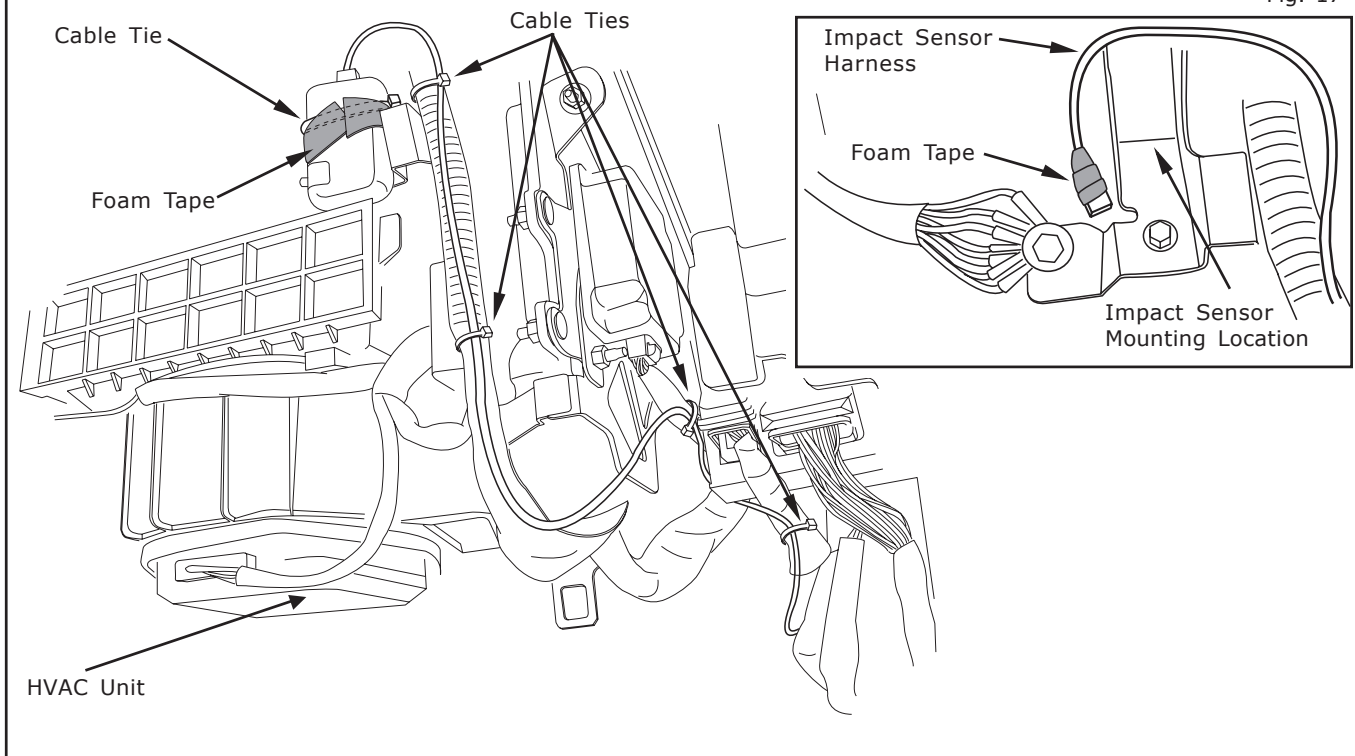
NOTE

- Verify that the Impact Sensor has been "Pre-Adjusted" to a sensitivity of "3" prior to mounting.

10) Secure the Impact Sensor. Fig. 17

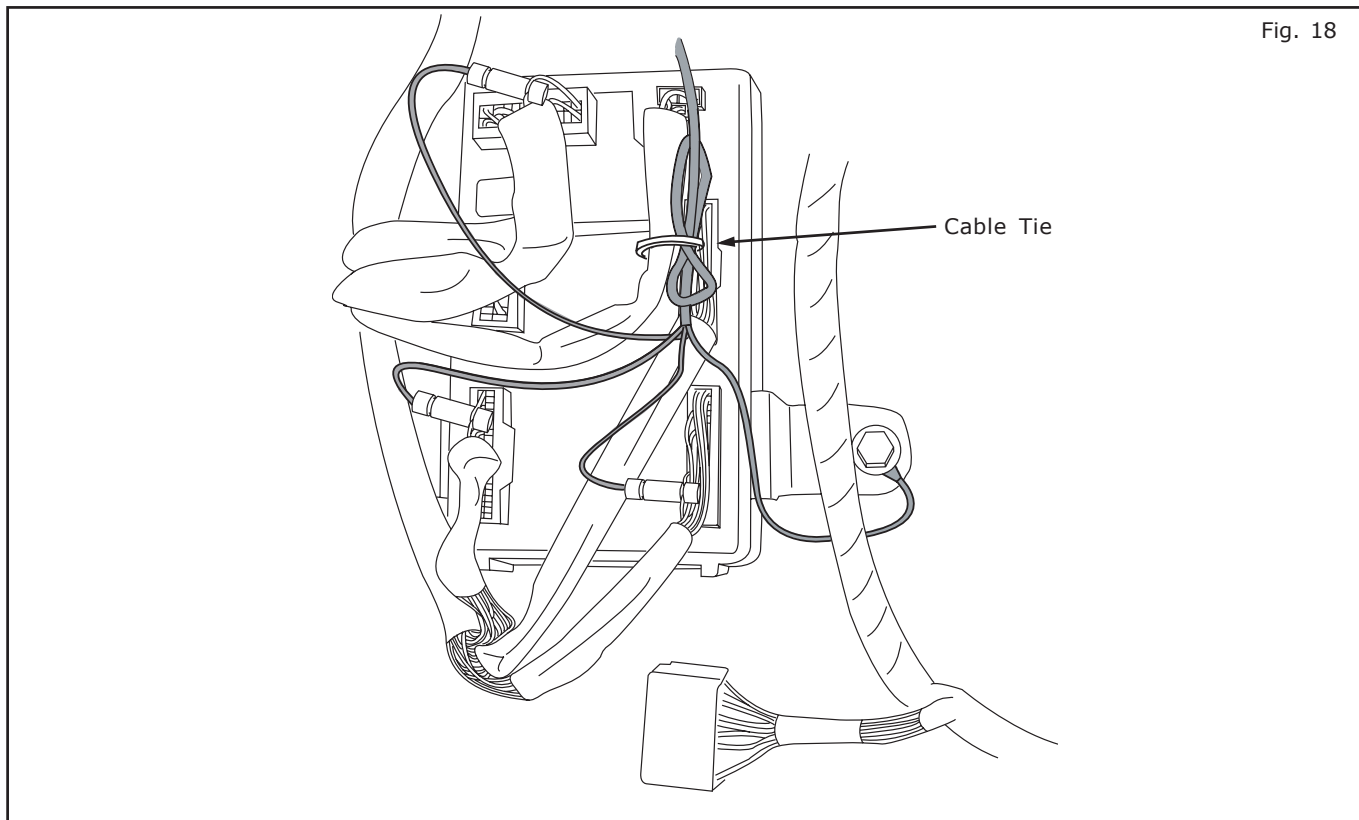
- a) Route the Impact Sensor harness upward to the mounting location, do not secure the harness at this time.
- b) Wrap the connector end of the Impact Sensor harness with the 1" piece of foam pad.
- c) Secure the Impact Sensor with (1) 14" cable tie to the factory metal brace located above and to the right of the HVAC unit.
- d) Trim the excess cable tie end after tightening.
- e) Wrap the Impact Sensor with the remaining 7 1/2" piece of foam pad around impact sensor, cable tie and metal brace. Do not cover up the sensitivity adjustment knob.
- f) Secure the Impact Sensor Harness with (4) cable ties to the existing factory harness.
- g) Trim the excess cable tie end after tightening.

Fig. 17



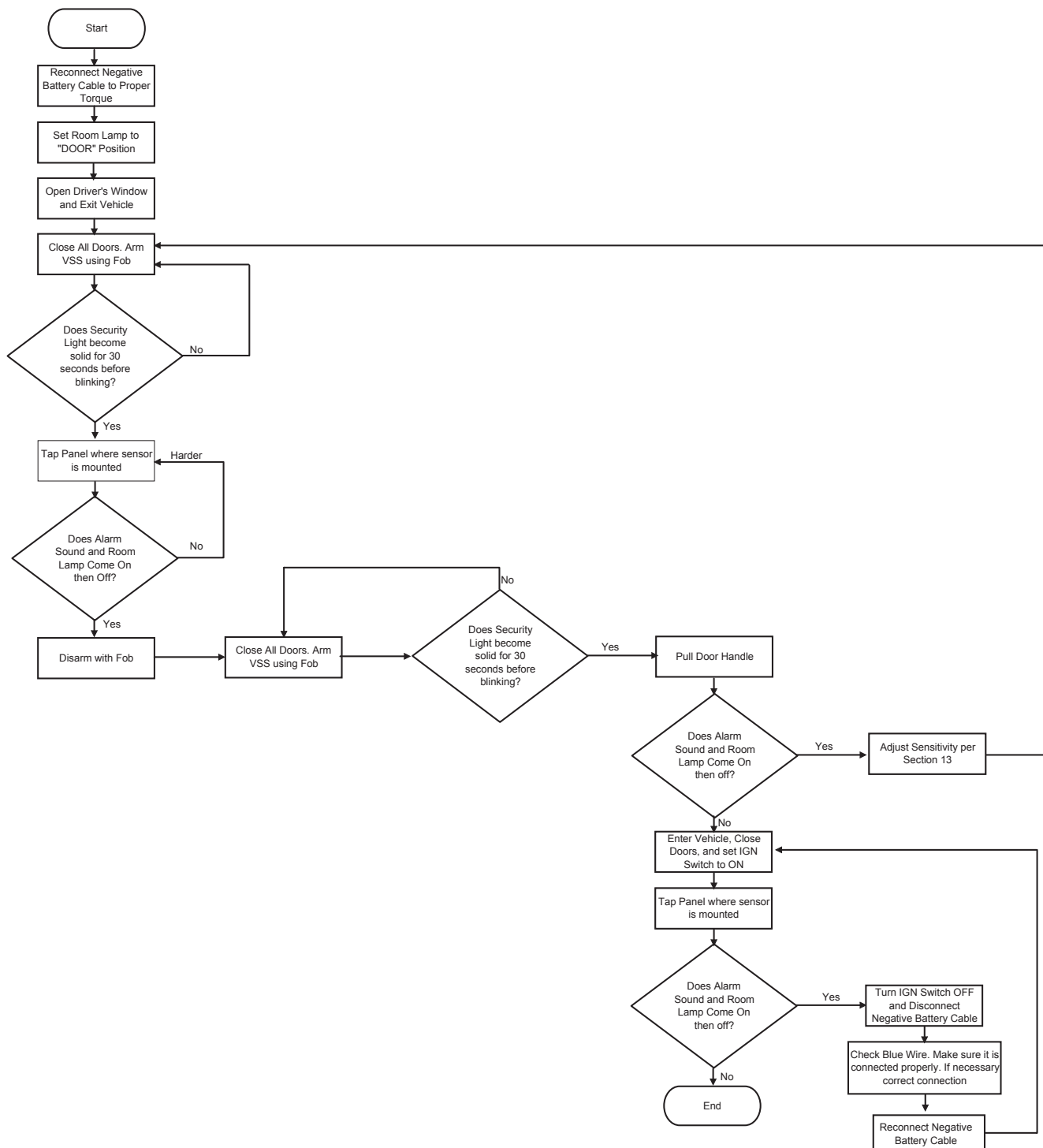
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- 11) Secure the Impact Sensor harness. Fig. 18
 - a) Secure any excess Impact Sensor Harness with (1) cable tie to the factory harness that is connected to the BCM.
 - b) Trim the excess cable tie end after tightening.



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10. FUNCTIONALITY TEST PROCEDURE



VEHICLE ALARM IMPACT SENSOR

11. REINSTALLATION OF REMOVED PARTS

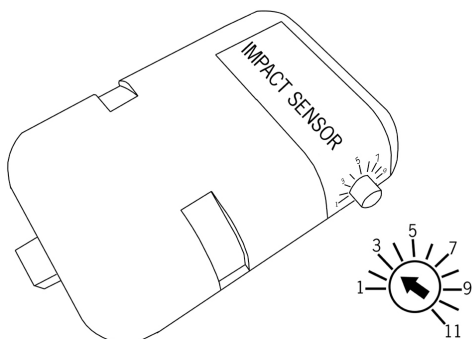
- 1) Reinstall all removed vehicle parts. Refer to the service manual for the vehicle as necessary.
- 2) Be sure to engage all the clips on the interior finish panels.
- 3) Reprogram the radio presets.
- 4) Clean the vehicle interior.

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

Fig. 19



IMPACT SENSOR ADJUSTMENT

1= LEAST SENSITIVE

11= MOST SENSITIVE

- 1) In the event of customer complaint, Please use the following procedure. Fig. 19
 - 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.

Posi-Tap is protected by patent # 5,228,875 5,695,369 5,868,589 6,692,313 Jap 2881414 Aus 708700
Tia 103534 Can 2204826 Mex 200626 Korea 477279 China Z197105562.9 & others pending.