



## GENUINE PARTS

### INSTALLATION INSTRUCTIONS

**DESCRIPTION:** Vehicle Tracking and Recovery System

**APPLICATION:** Quest (2011)

**PART NUMBER:** 999Q8 VW001

**KIT CONTENTS:**

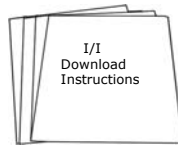
Item	Qty.	Part Description	Service Part Number
A	1	GPS Control Module	99Q8 VW000S1
B	1	Wire Harness	99Q8 VW000S3
C	1	I/I Download Instructions	999V2 AW000
D	1	Owners Manual	
E	1	Activation Card (included in owners manual)	
F	8	6" Cable Ties	
G	2	12" Cable Ties	
H	1	Foam Pad (on module)	
I	20	Foam Tape	
J	2	Posi-Taps	999M1 VT000
K	1	Mirror Hanger (Nissan VTRS information)	
L	1	Alcohol wipe	



A



B



C



D



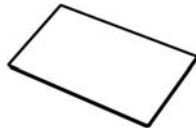
E



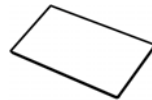
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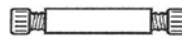
G



H



I



J



K



L

**TOOLS REQUIRED:**

- Ratchet
- 10mm socket
- #2 Phillips screwdriver
- Plastic pry bar
- Wire cutter

**PRE-INSTALLATION WARNINGS, CAUTIONS, CRITICAL STEPS, and NOTES:**

- Dealer Installation Recommended. Instructions may refer to service manual.
- This part is to be installed at a surface temperature of 65-100°F.
- Posi-Tap instructions must be followed exactly as described in this instruction

**INSTALLATION OVERVIEW:**

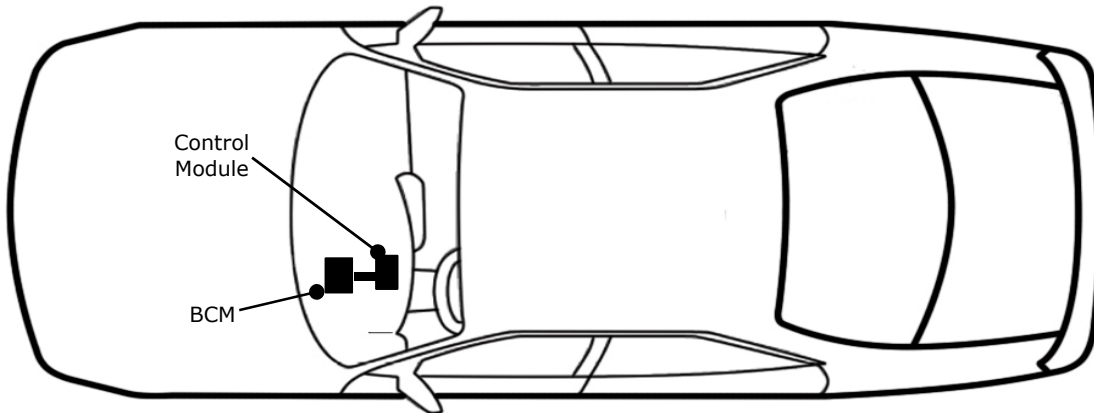
**System Block Diagram**

Fig.1



**Vehicle outline with installation overview**

Fig.2

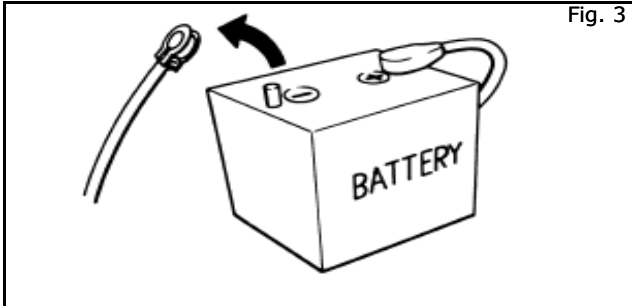


## INSTALLATION PROCEDURE:

- 1) Apply parking brake
- 2) Turn ignition switch to "ON" position
- 3) Record the customer radio presets and other presets as required

Preset	1	2	3	4	5	6	7	

- 4) Put the shift lever in "P" position
- 5) Turn the ignition switch to "OFF" position

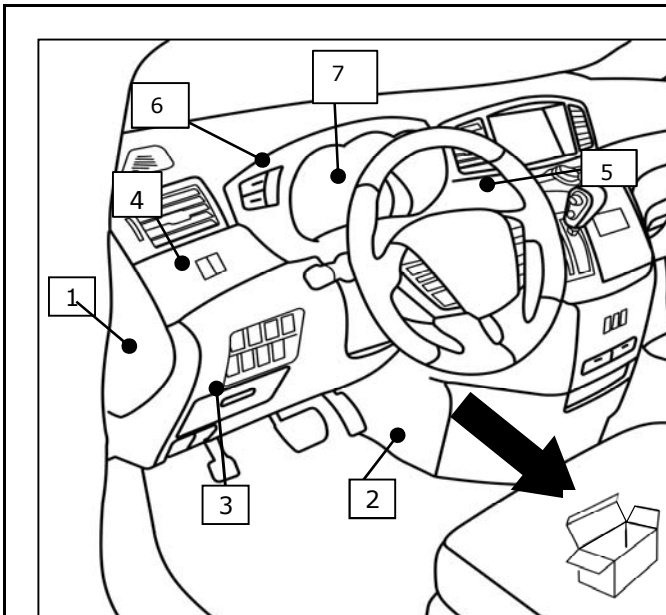


- 6) Disconnect the negative battery terminal

## ⚠ CAUTION

- Take care not to scratch or damage any component during the removal or re-installation process.
- Trim pieces found to have witness marks or broken clips are not to be reinstalled.

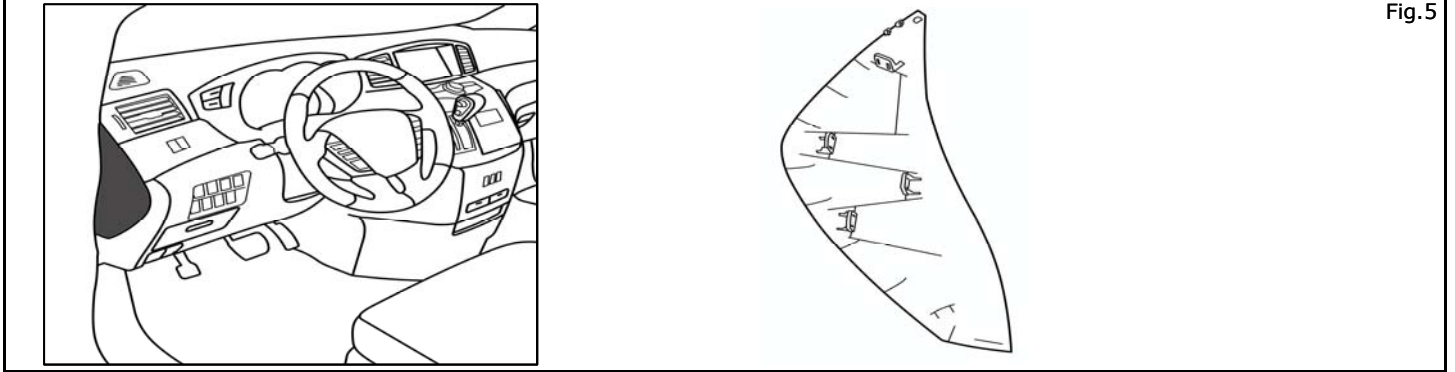
- 7) Remove the following vehicle parts in the sequence shown below. Store these re-usable parts in a safe and protected manner.



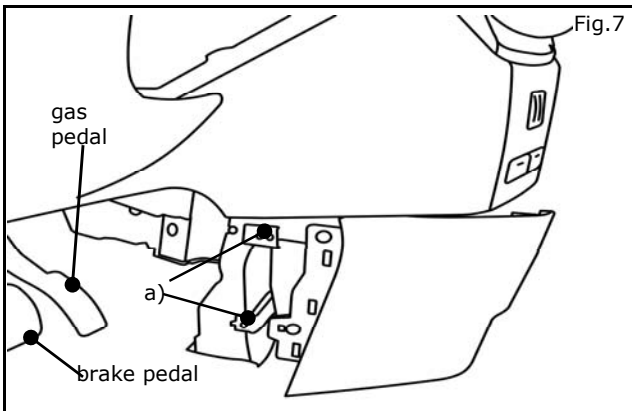
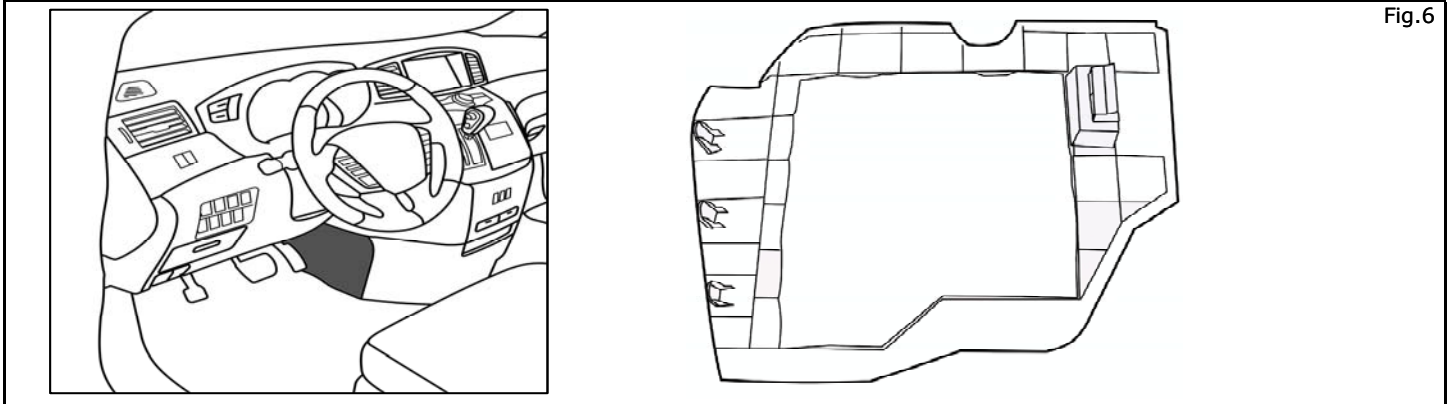
1. Instrument side mask
2. Instrument side panel
3. Instrument lower cover
4. Dash trim LH
5. Dash trim RH (ignition switch)
6. Instrument panel trim
7. Instrument Panel

## INSTALLATION PROCEDURE:

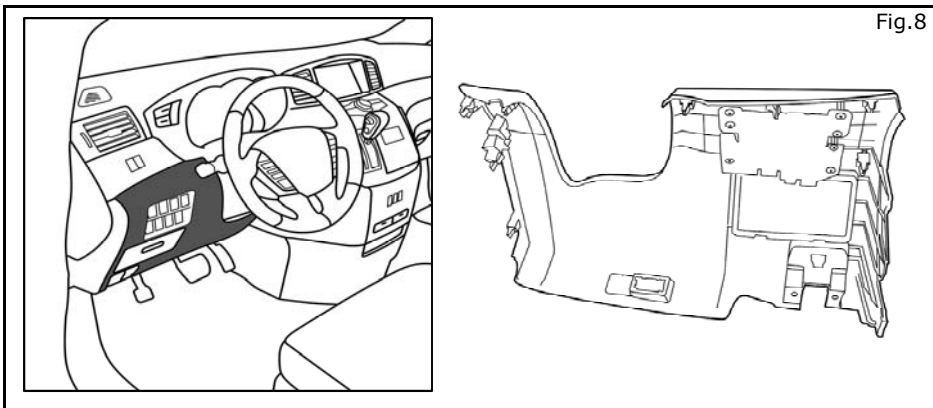
8) Remove the instrument side mask



9) Remove instrument side panel

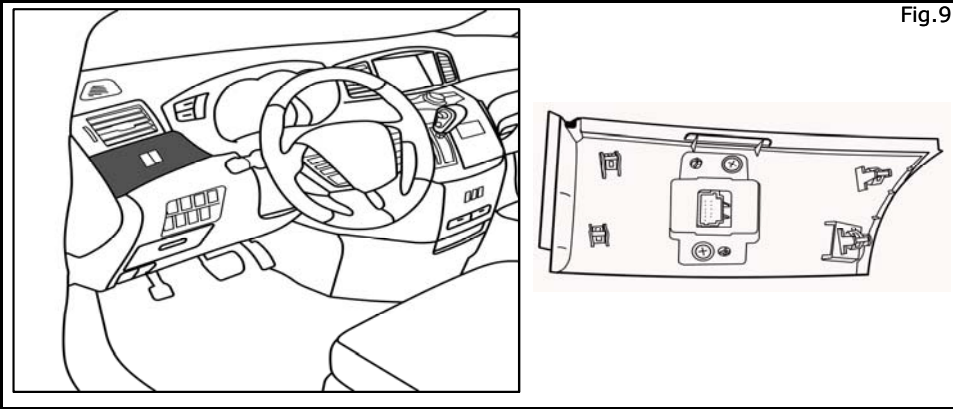


10) Loosen panel  
a) Remove (2) clips  
b) Loosen panel

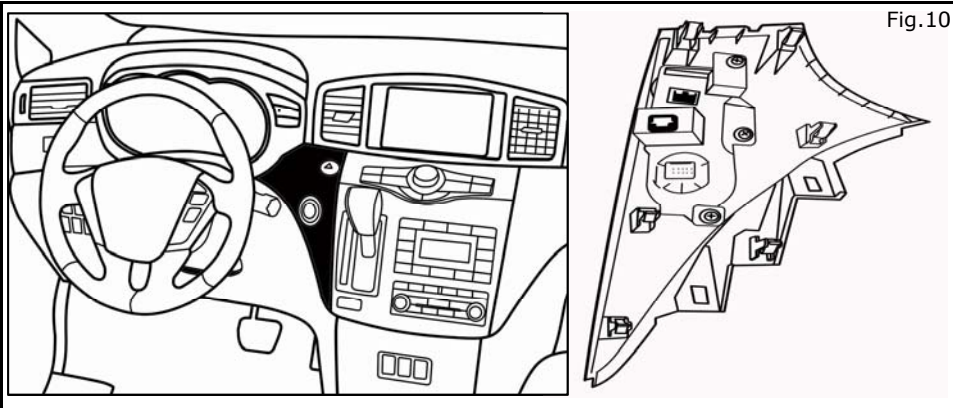


11) Remove the instrument lower cover  
a) Remove (2) 10mm bolts on hood latch release  
b) Remove instrument lower cover, remove harness connectors and aspirator tube

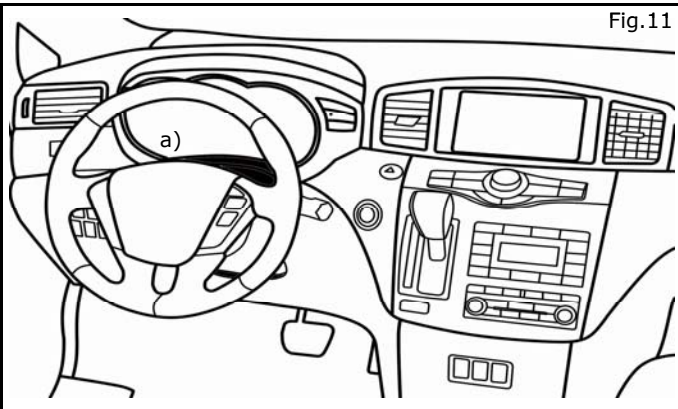
**INSTALLATION PROCEDURE:**



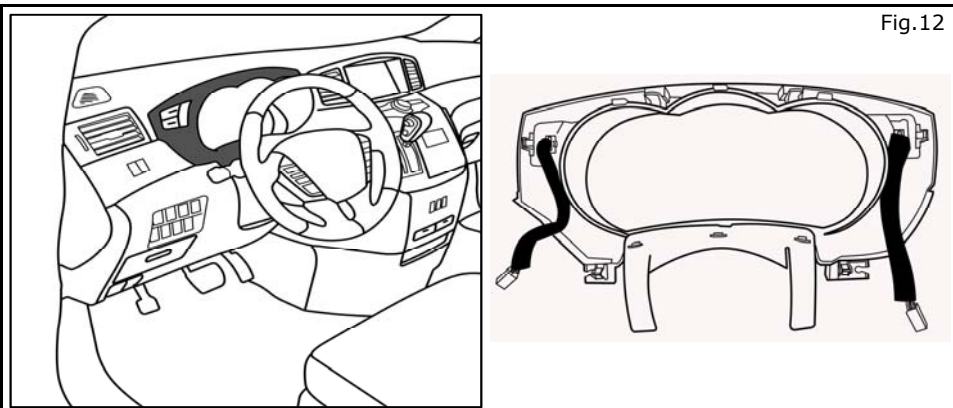
- 12) Remove dash trim  
a) Remove harness connectors



- 13) Remove dash trim  
a) Remove harness connectors

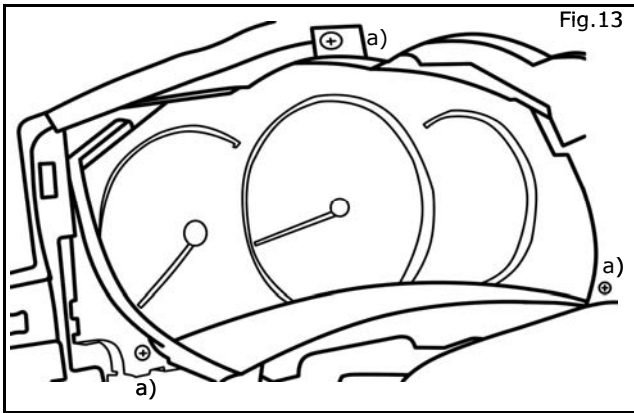


- 14) Tape top of steering column trim  
a) Cover the top of the steering column trim with masking tape to prevent scratching the surface during removal of the meter

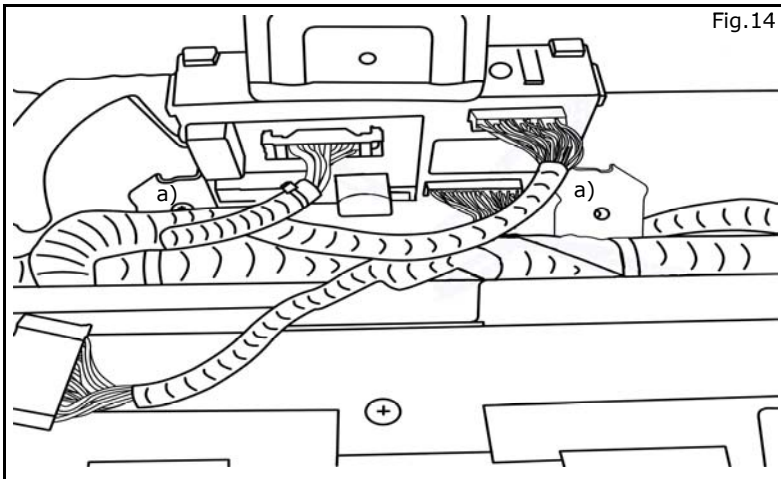


- 15) Remove the instrument panel trim  
a) Remove harness connectors

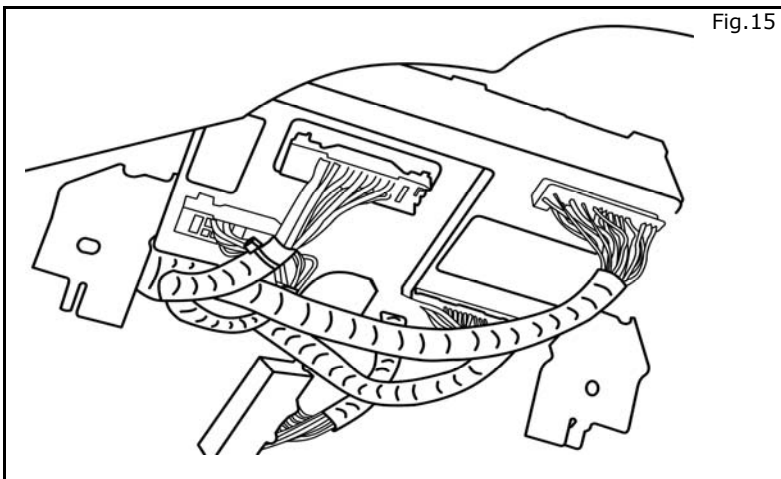
**INSTALLATION PROCEDURE:**



- 16) Remove the instrument panel
  - a) Remove (3) phillips screws
  - b) Remove combination meter and disconnect harness



- 17) Remove BCM
  - a) Remove (2) phillips screws



- b) Loosen BCM (this is necessary for access to area where the module will mount)

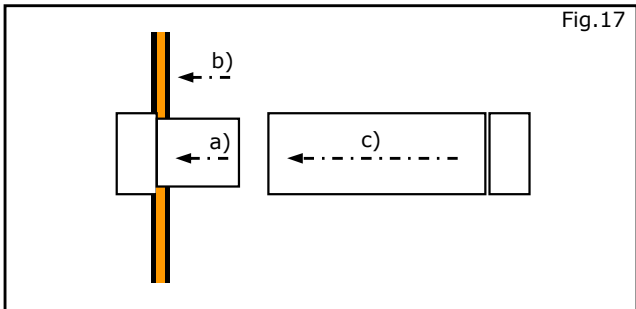
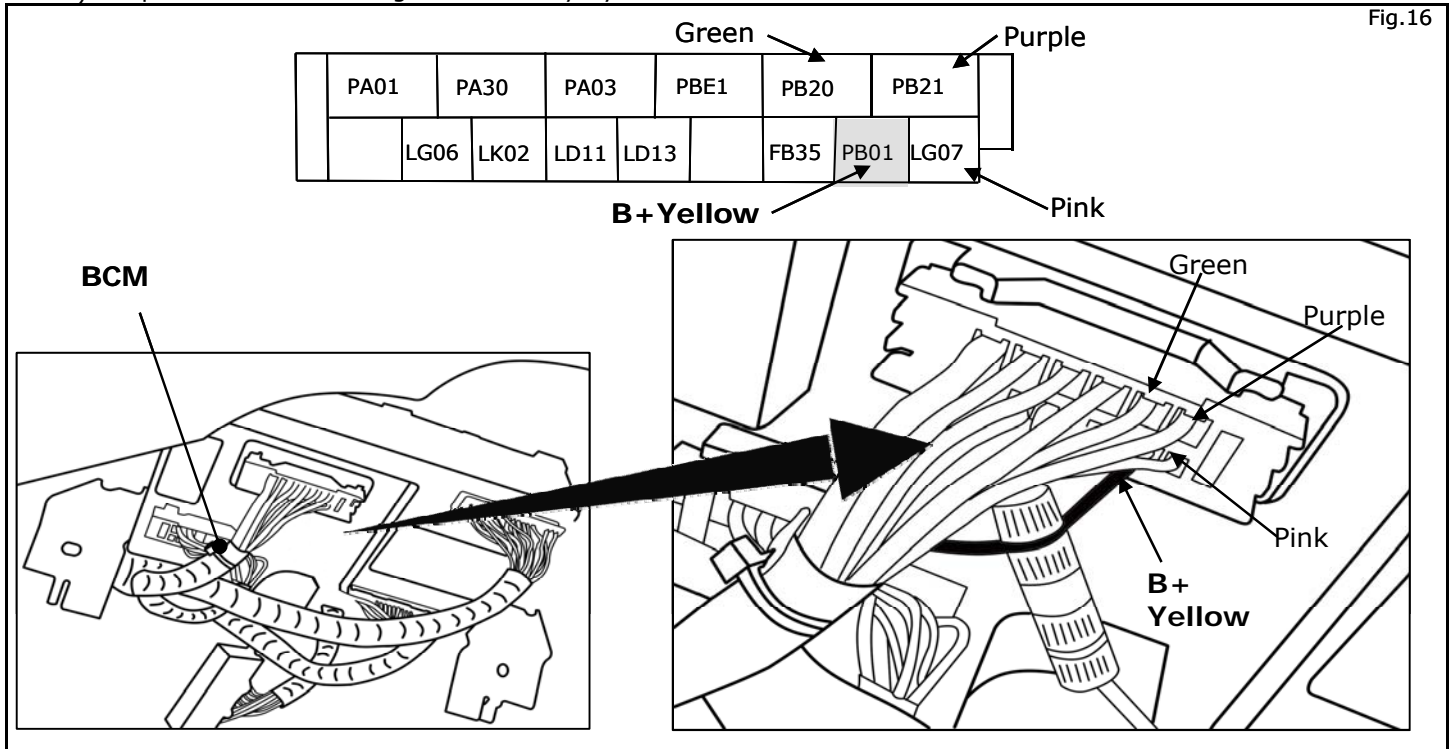
**INSTALLATION PROCEDURE:**

**CAUTION**

- Color(s) given in illustration(s) are for reference only. Use location(s) where color deviates.
- If a vehicle wire is being used by another accessory and a posi-Tap is present, tap the accessory wire not the vehicle wire
- Do not pinch the harness between trim when re-installing the Instrument Panel

18) Aconnect the posi-tap

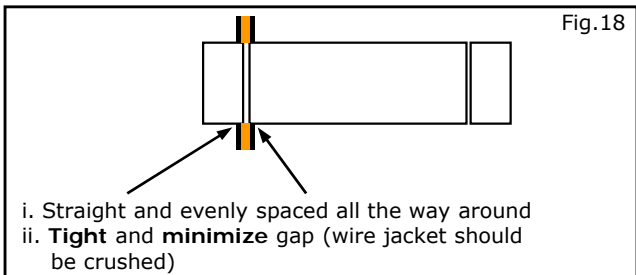
- Peel off tape on factory harness prior to installing posi-tap.
- Tap the Vehicle Tracking and Recovery System Red wire to the vehicle Yellow B+ wire.



19) Tap vehicle wire.

- Remove cap (slot side) from the tap body
- Slide cap around vehicle wire.
- Tighten the tap **TIGHT** with finger pressure.

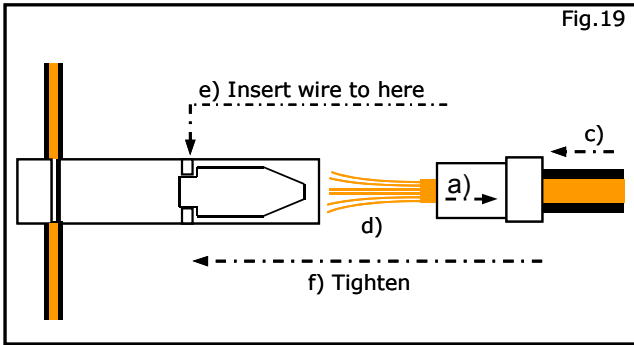
**NOTE:**  
Do not re-use the tap for subsequent re-installation. Figures are not to scale.



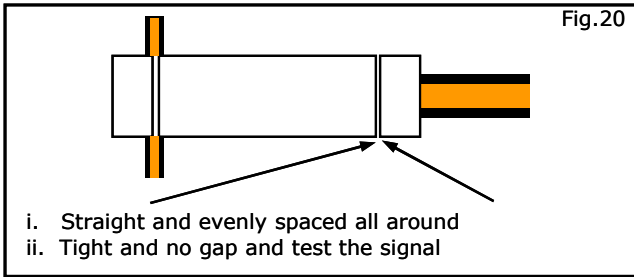
20) Inspect the tap to ensure correct installation.

**NOTE:**  
Avoid putting pressure on the vehicle wire and tap for the remainder of the installation.

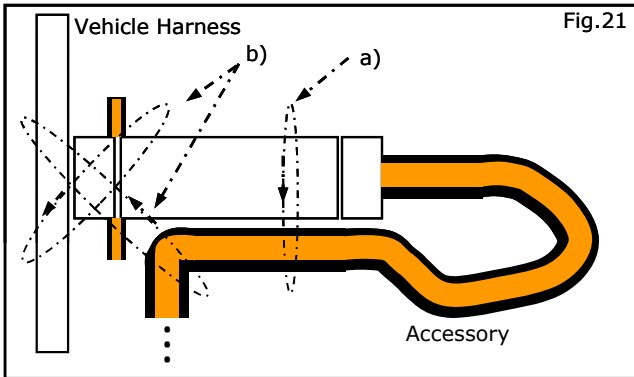
**INSTALLATION PROCEDURE:**



- 21) Tap accessory wire.
  - a) Remove tap (non-pierce) side from tap.
  - b) Remove the protective stub from the wire.
  - c) Insert wire through the non-pierce side opening.
  - d) Spread the individual strands into 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.

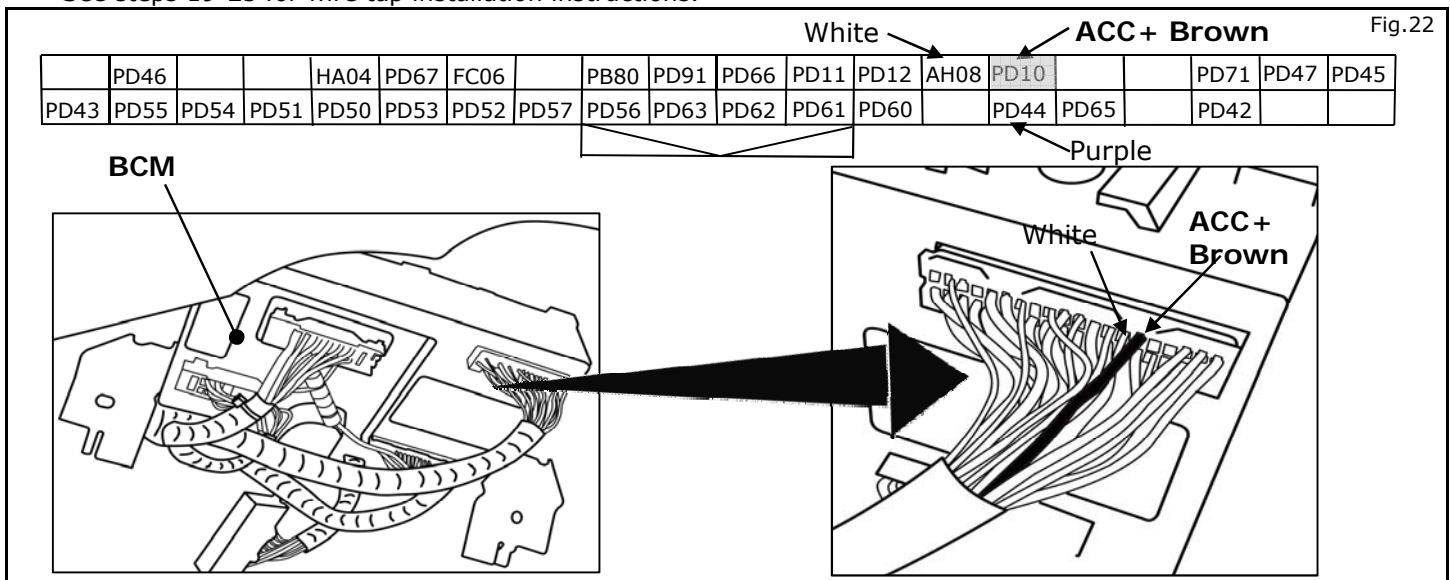


- 22) Confirm the tapped accessory wire.
  - a) Inspect the tap to ensure correct installation.
  - b) Test the signal to ensure that it is working properly.



- 23) Secure the tap.
  - a) Secure the tapped wire on the non-pierce side to the body of the tap with electrical tape ( $\geq 2$  revolutions).
  - b) Secure the body to harness where vehicle wire is being tapped with electrical tape ( $\geq 2$  revolutions).

- 24) Tap the Vehicle Tracking and Recovery System Brown wire to the vehicle Brown ACC wire.  
See steps 19-23 for wire tap installation instructions.





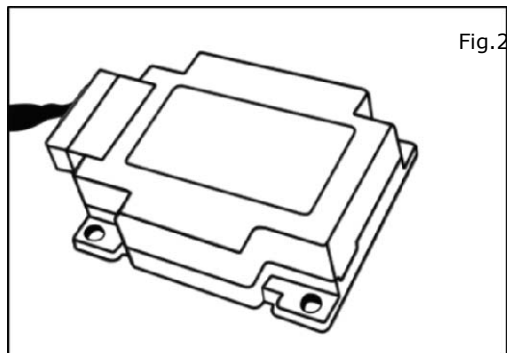
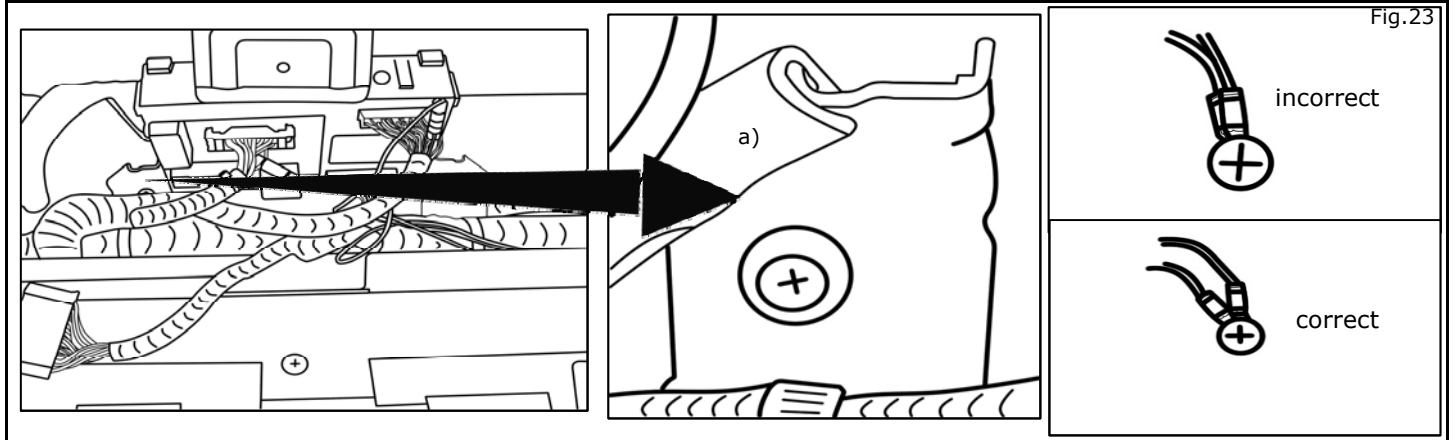
## INSTALLATION PROCEDURE:

### ⚠ CAUTION

- When stacking multiple ground eyelets, **DO NOT** stack the stems of the eyelet
- When stacking multiple ground eyelets, leave a 30° spacing between the stems of the eyelet

25) Connect ground to BCM bracket

a) Attach foam tape to BCM bracket



26) Connect the harness to the control module

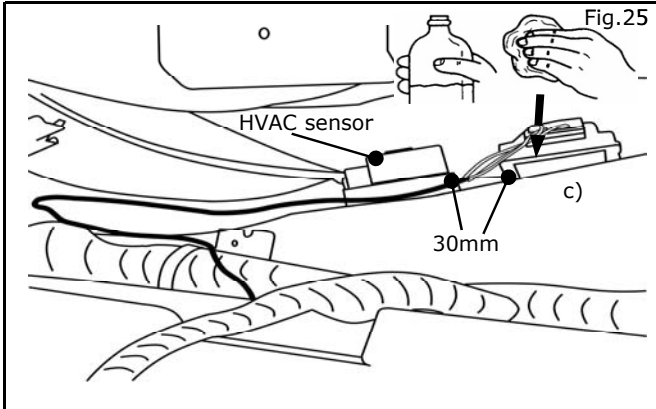
### ACCESSORY CHECK:

- Connect all vehicle harness connections (without re-assemble)
- Connect the battery negative terminal and tighten the nut to appropriate torque.
- Check all **Critical Installation Steps**.
- Verify all wiring is secure and not exposed.
- Trim all excess cable ties flush.
- Verify the Control Module Diagnostic L.E.D.'s are blinking Green
- Verify proper Diagnostic L.E.D. blinking pattern (without engine start)
  - Turn ignition switch to "OFF" position, the Green L.E.D. will blink brightly once every three seconds
  - Turn ignition switch to "ON" position for ten seconds, the Green L.E.D. will continue to blink brightly once every three seconds

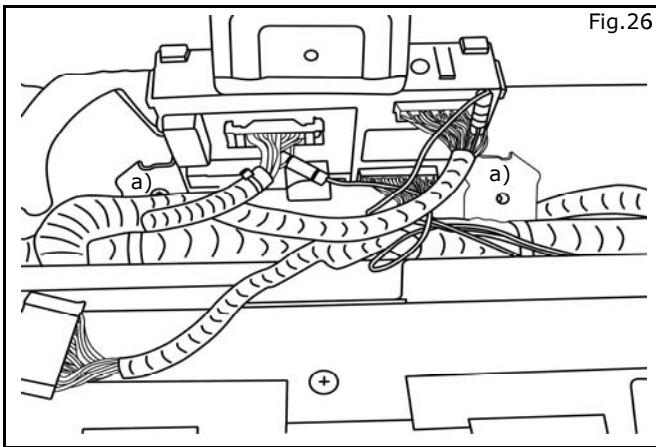
## ACCESSORY CHECK:

- Turn ignition switch to "OFF" position, the Green L.E.D. will be dim and blink once every three seconds
- Secure mirror hanger to rear view mirror
- Disconnect the negative battery terminal

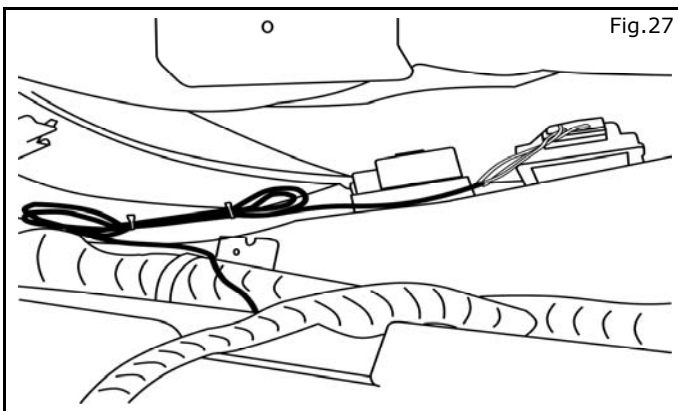
## INSTALLATION PROCEDURE:



- 27) Prepare the module
  - a) Clean installation surface with  $\geq 90\%$  alcohol/water solution
  - b) Peel tape liner from foam pad on Module
  - c) Adhere module to top of HVAC duct 30mm from HVAC sensor



- 28) Re-attach the BCM
  - a) Re-Install (2) phillips screws.



- 29) Secure the harness
  - a) Secure harness with cable tie with 400mm service loop from GPS Tracking Connector
  - b) Attach cable ties

**FINAL INSPECTION:**

30) Re-install all removed vehicle parts. Refer to the vehicle service manual for more details.



**CAUTION**

**Use caution when re-installing interior components to avoid damage, scratches, or breaking of mounting clips. Refer to the vehicle service manual for more information.**

- Verify re-installed trim parts for proper flush fit (no gap, no waviness, etc.).
- Verify all clips are fully engaged and locked.
- Verify re-installed trim parts are free from cracks, scratches or stress marks.
- Verify vehicle headliner, seat, steering wheel, center console, floor carpets, etc. are not soiled.
- Verify interior and exterior is not damaged.
- Turn ignition switch to "ON" and confirm proper operation of Vehicle Systems
  - If equipped, verify all window and sunroof one touch operation and perform the reset procedure if necessary. Refer to the vehicle service manual for more details.
  - Confirm proper audio function (AM, FM, SAT, CD and AUX).
  - Verify Back Door Switch is functional.
- Re-program radio presets and other vehicle settings to the recorded settings.
- Start engine and verify that there are no new Diagnostic Trouble Codes and the Meter is functional.
  - Verify Traction Control Switch is functional.
  - Verify Rear Sonar switch is functional (if equipped).
  - Verify Headlamp Leveling Switch is functional (if equipped).
- Place the Owner Manual, Quick Reference Guide, and/or other Manual in the glove box.

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.