



GENUINE PARTS

INSTALLATION INSTRUCTIONS

DESCRIPTION: Vehicle Tracking and Recovery System

APPLICATION: Leaf (2011)

PART NUMBER: 999Q8 VW001

KIT CONTENTS:

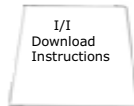
Item	Qty.	Part Description	Service Part Number
A	1	GPS Control Module	99Q8 VW000S1
B	1	Wire Harness	99Q8 VW000S3
C	1	I/I Download Instructions	999V2 AW000
D	1	Owners Manual	
E	1	Activation Card (included in owners manual)	
F	8	6" Cable Ties	
G	2	12" Cable Ties	
H	1	Foam Pad (on module)	
I	20	Foam Tape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



A



B



C



D



E



F



G



H



I



J



K



L

TOOLS REQUIRED:

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

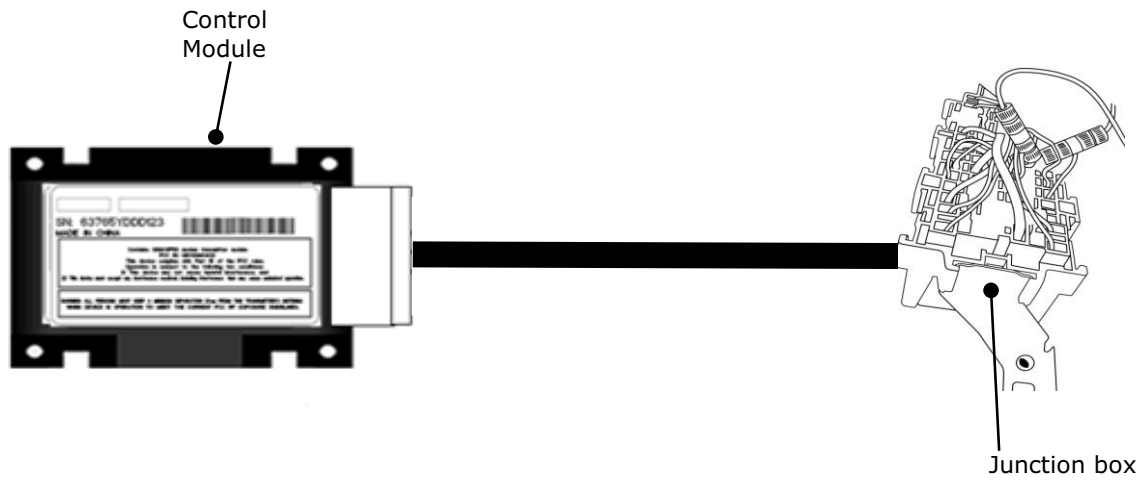
PRE-INSTALLATION WARNINGS, CAUTIONS, CRITICAL STEPS, and NOTES:

- 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:

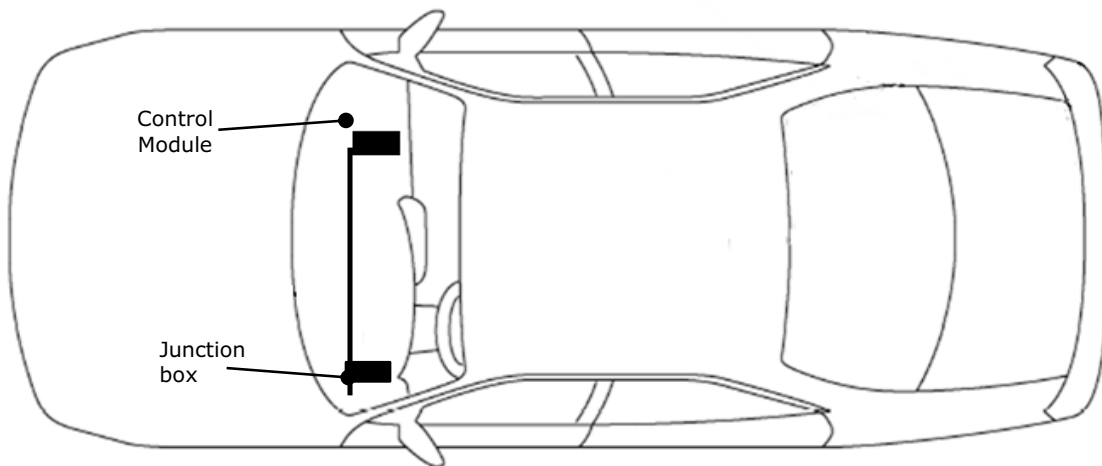
System Block Diagram

Fig. 1



Vehicle outline with installation overview

Fig. 2

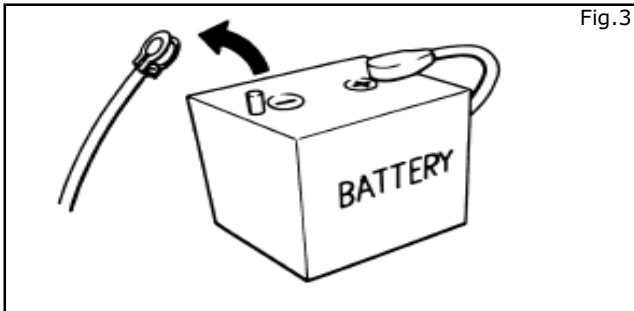


INSTALLATION PROCEDURE:

- 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



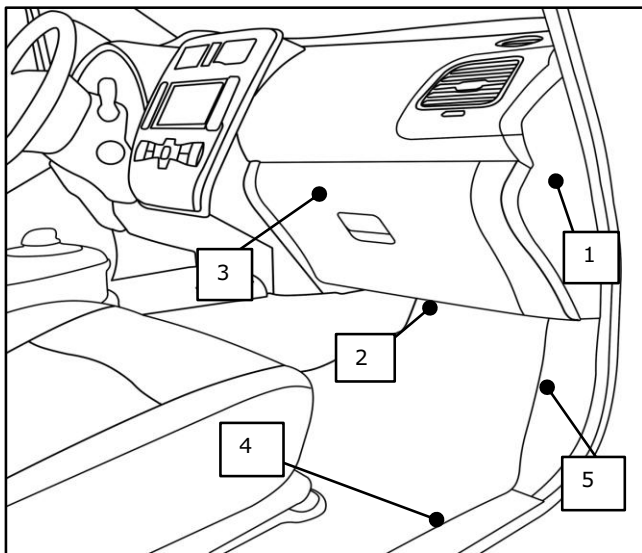
- 6) Disconnect the negative battery terminal



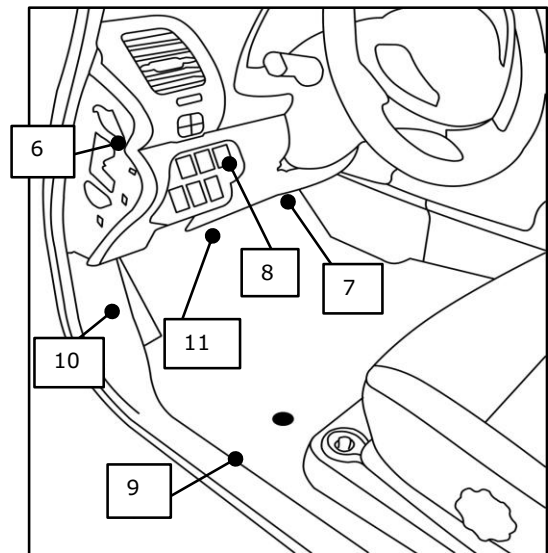
CAUTION

- 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) Dash side trim
- 2) Under dash panel
- 3) Glove box
- 4) Passenger kick plate inner
- 5) Passenger kick panel



- 6) Fuse box cover
- 7) Under dash panel
- 8) Instrument lower cover
- 9) Driver kick plate inner
- 10) Driver kick panel
- 11) Trim on carpet

INSTALLATION OVERVIEW:

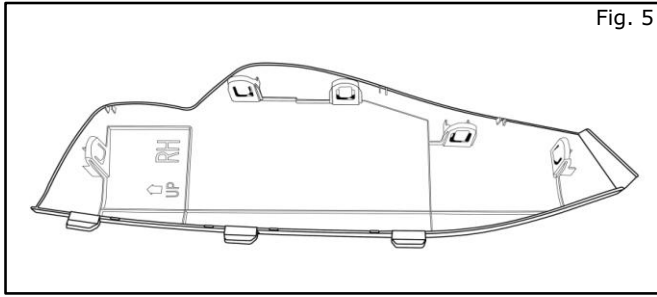


Fig. 5

- 8) Remove passenger and driver dash side trim
 - a) Insert panel trim removal tool into lower space instrument side finisher RH (1) fixing pawls
 - b) Pull back on instrument side finisher

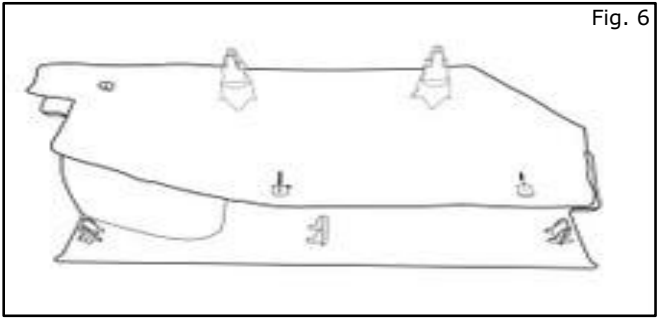


Fig. 6

- 9) Remove panel below glove box

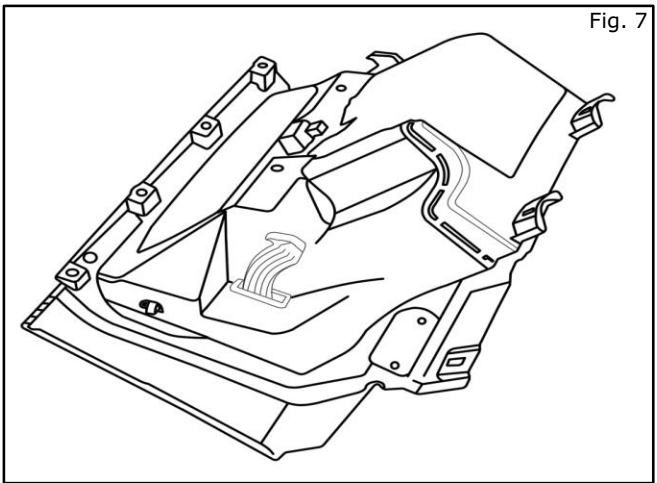


Fig. 7

- 10) Remove glove box
 - a) Open the glove box lid
 - b) Remove (10) phillips screws
 - c) Pull glove box assembly
 - d) Disconnect glove box lamp harness connector

- 11) Remove driver and passenger inner kick plates

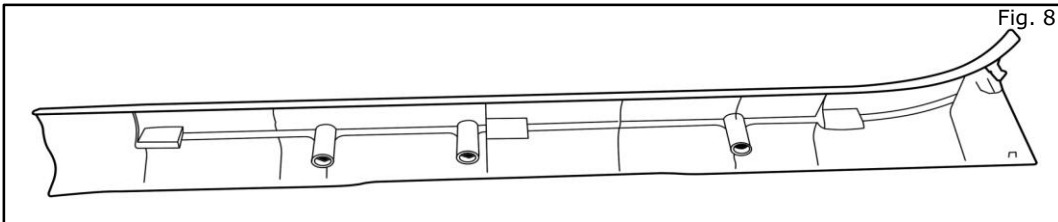
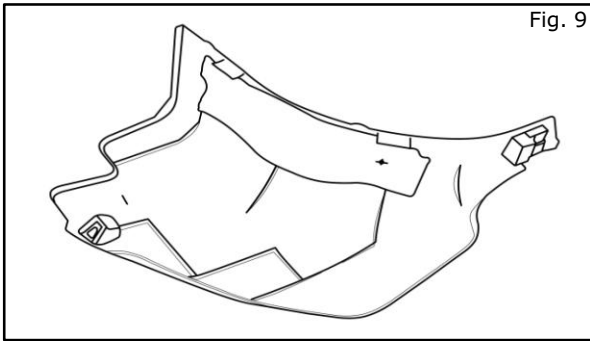
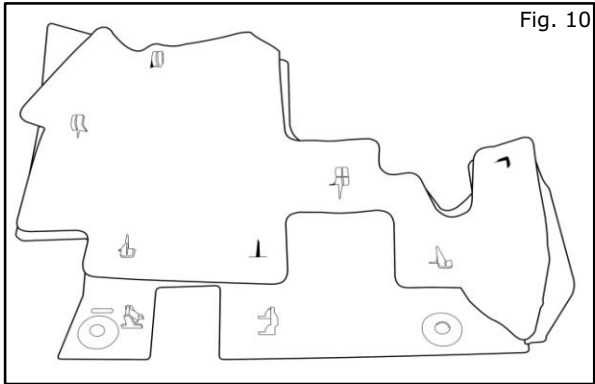


Fig. 8

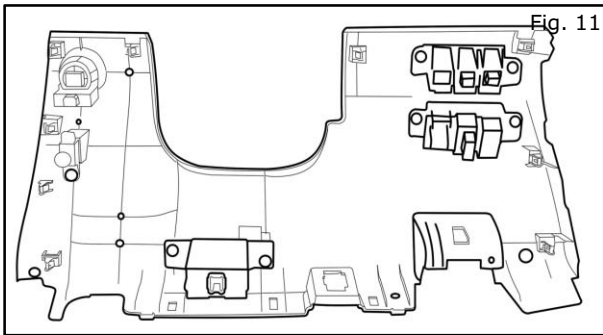
INSTALLATION OVERVIEW:



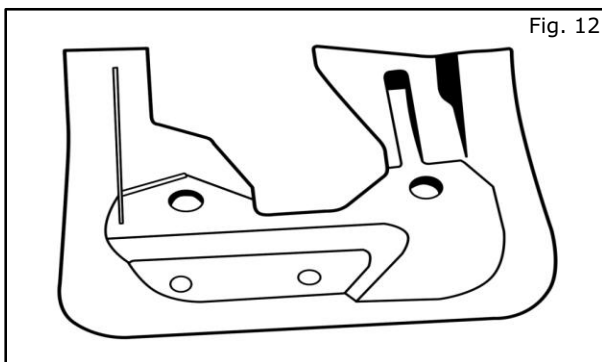
12) Remove driver and passenger kick panels



13) Remove panel below instrument lower cover
a) Remove (3) plastic screws
b) Remove panel



14) Remove instrument lower cover
a) Remove (2) 10mm bolts
b) Pull instrument lower cover
c) Disconnect harness connectors and aspirator tube



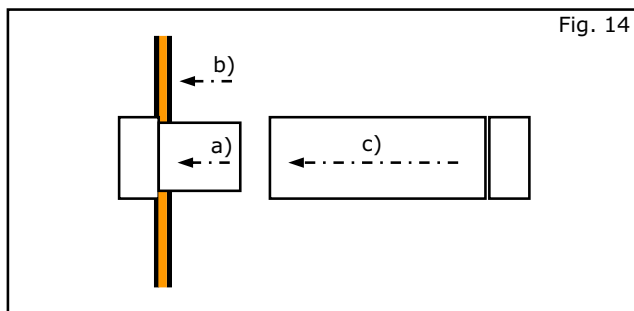
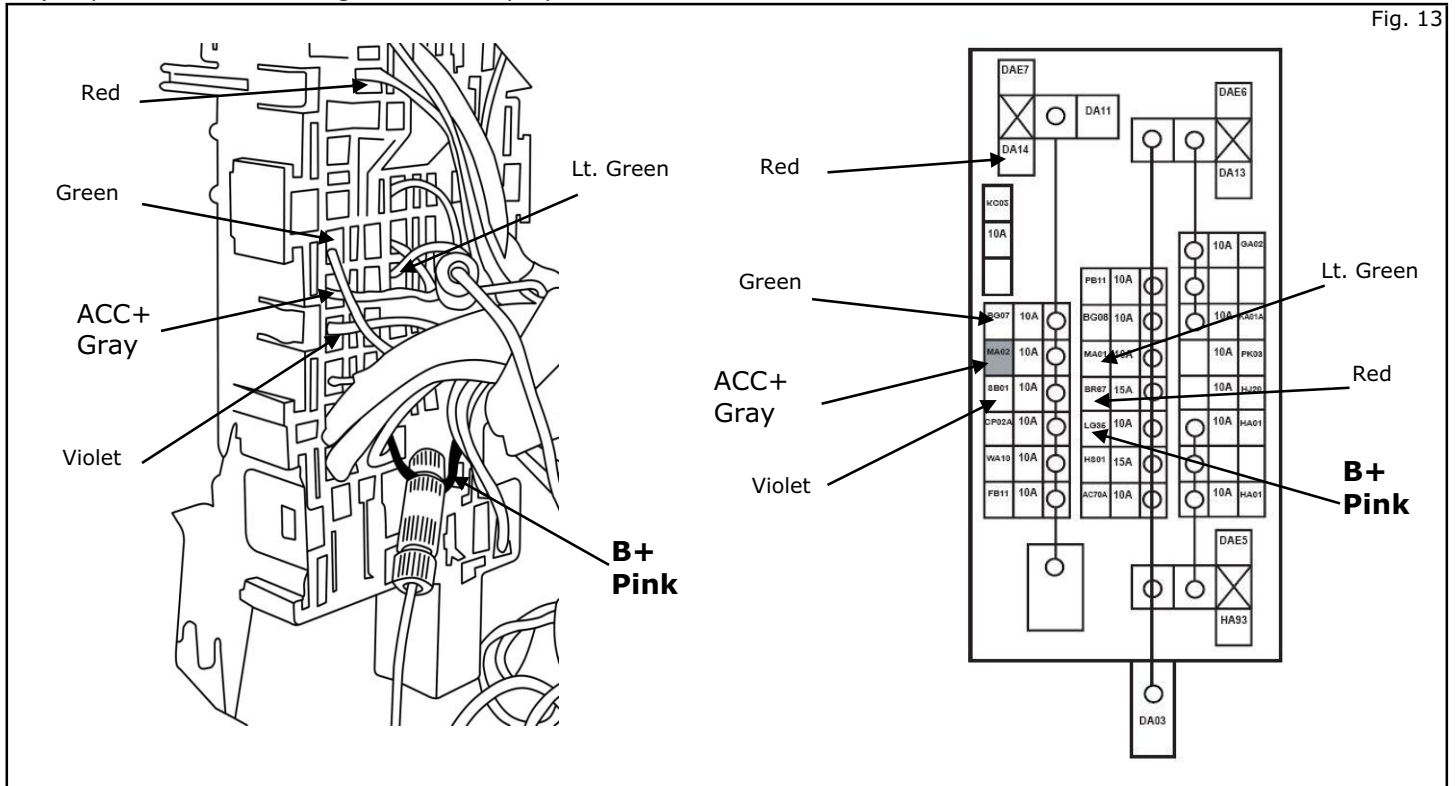
15) Remove trim
a) Remove (2) retaining clips

INSTALLATION PROCEDURE:



- **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**

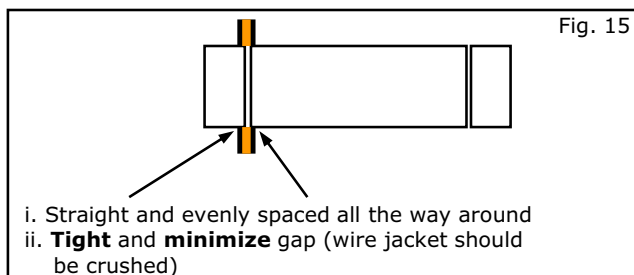
16) Tap the Vehicle Tracking and Recovery System Red wire to the vehicle Pink B+ wire.



- 17) Tap vehicle wire.
 - a) Remove cap (slot side) from the 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. Figures are not to scale.

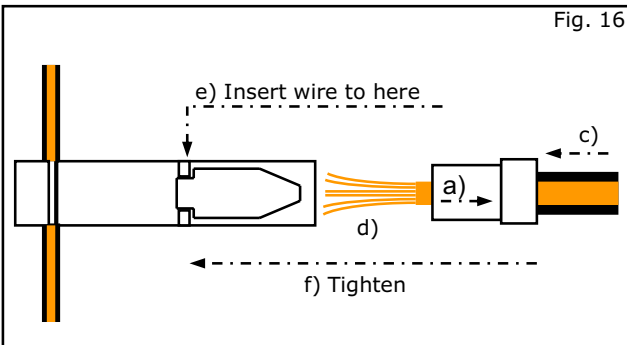


- 18) Inspect the tap to ensure correct installation.

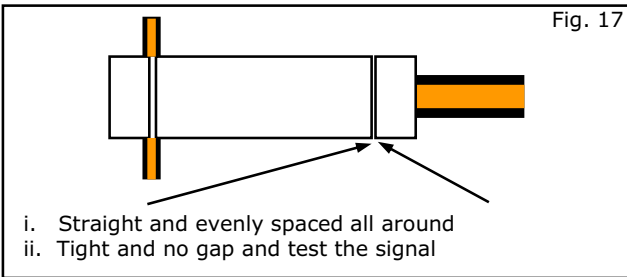
NOTE:

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

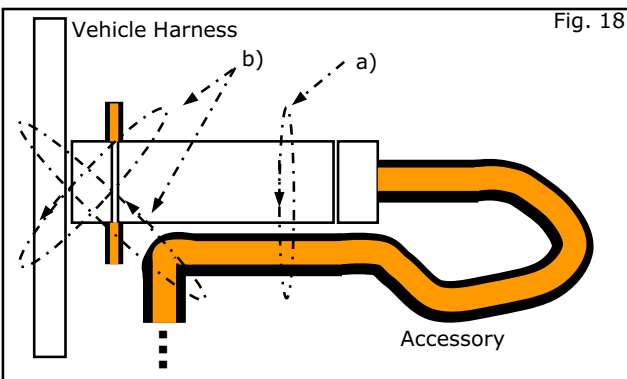
INSTALLATION PROCEDURE:



- 19) 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.

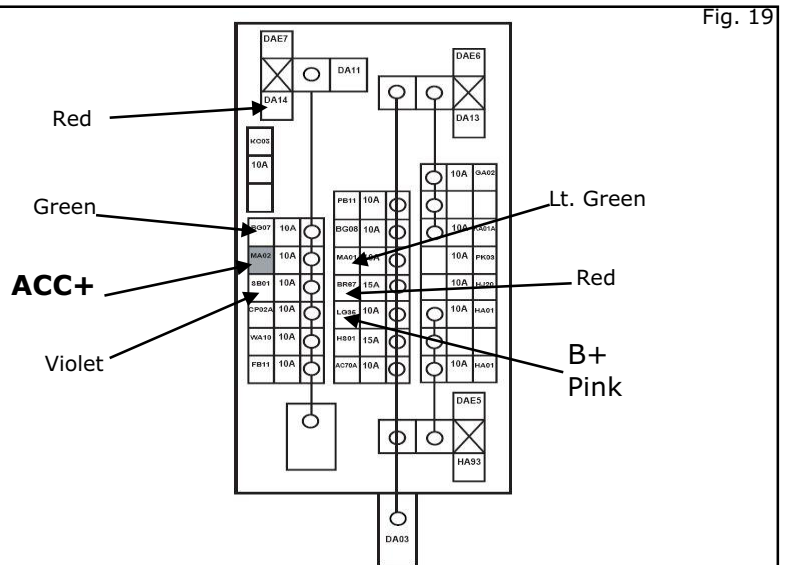
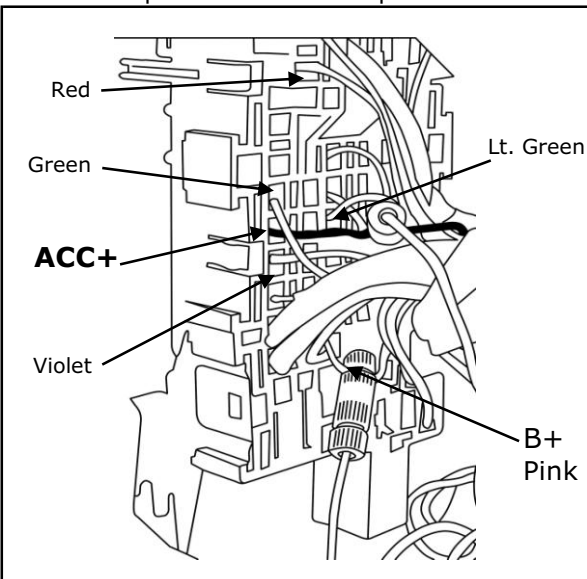


- 20) Confirm the tapped accessory wire.
 - a) Inspect the tap to ensure correct installation.
 - b) Test the signal to ensure that it is working properly.



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

- 22) Tap the Vehicle Tracking and Recovery System Brown wire to the vehicle Gray ACC wire.
See steps 17-21 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

23) Connect ground wire

- a) route ground wire to dash frame

Fig. 20

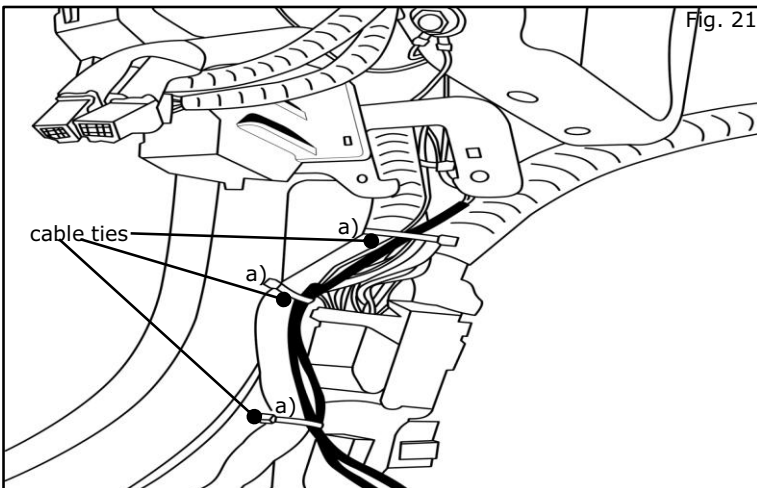
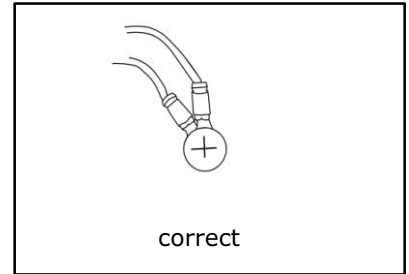
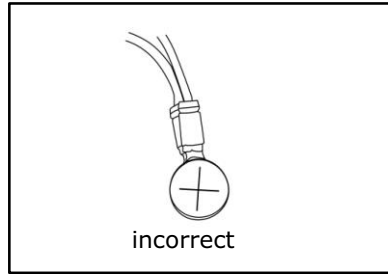
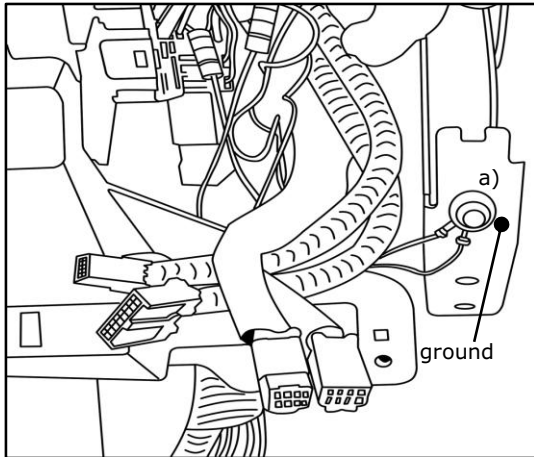


Fig. 21

24) Route the harness

- a) Route harness down the driver's kick panel and attach cable ties

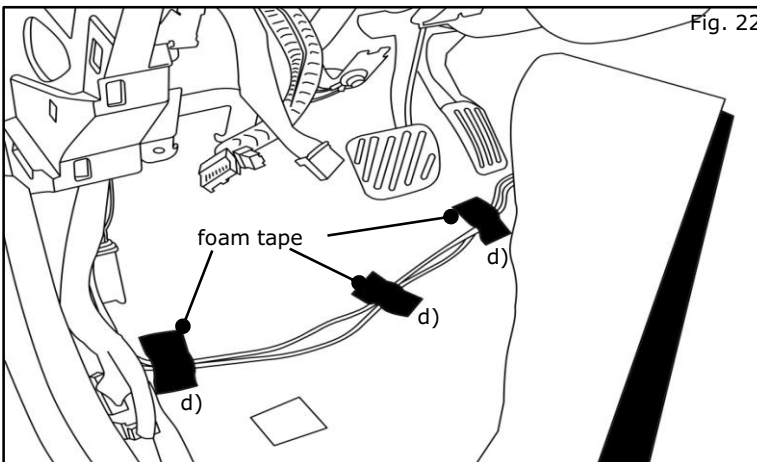
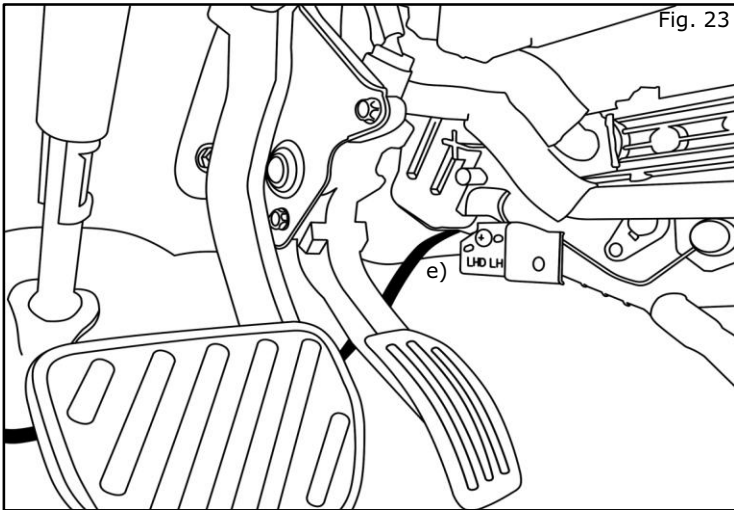


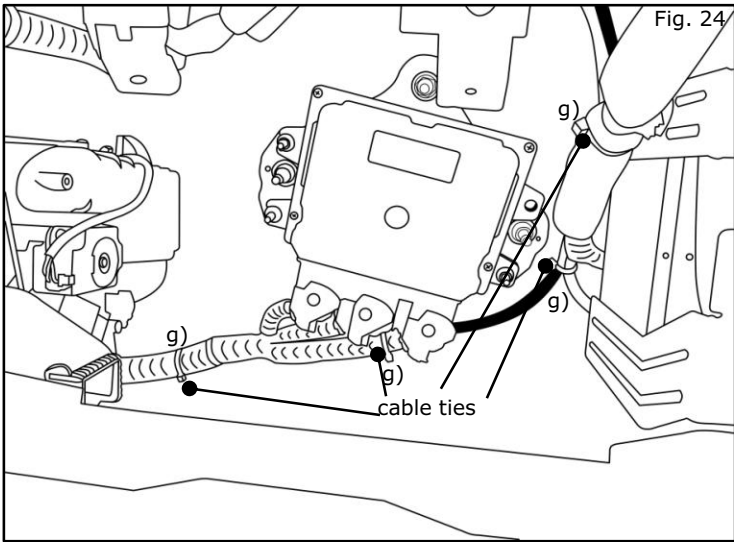
Fig. 22

- b) Pull back carpet
c) Route harness under carpet
d) Attach foam tape

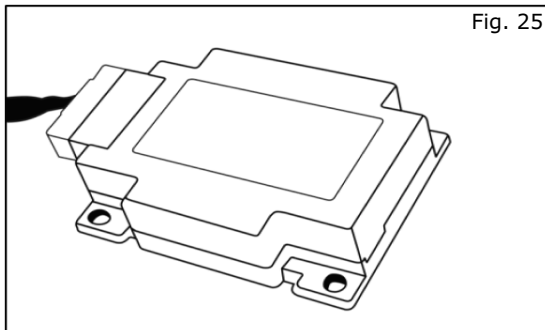
INSTALLATION PROCEDURE:



- e) Route harness under carpet behind HVAC, towards passenger footwell



- f) Route harness along factory harness
- g) Attach cable ties



- 25) Connect the harness to the Control Module without mounting

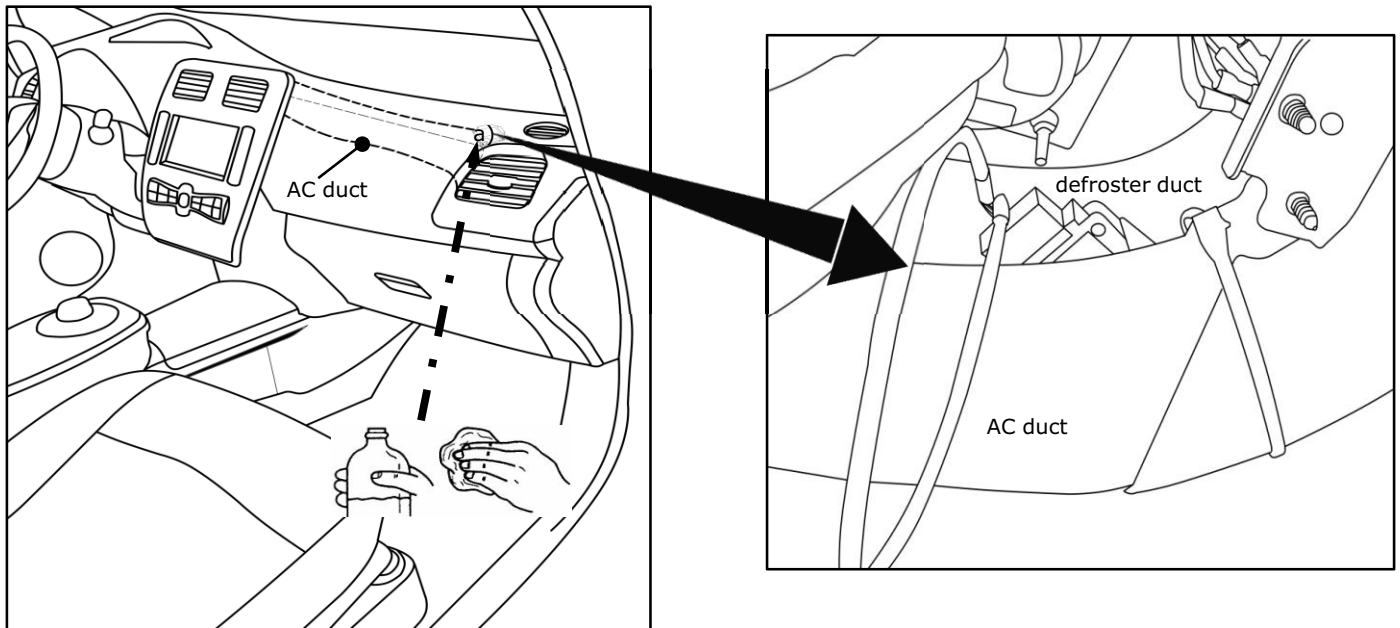
ACCESSORY CHECK:

- ☐ 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
 - ☐ Turn ignition switch to "OFF" position, the Green L.E.D. will blink once every three seconds
 - ☐ Turn ignition switch to "ON" position for ten seconds, the Green L.E.D. will continue to blink once every three seconds
 - ☐ 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

INSTALLATION PROCEDURE:

- 26) Prepare the module
- a) Clean installation surface with $\geq 90\%$ alcohol/water solution
 - b) Adhere 6 pieces of foam tape to the top of the control module.
 - c) Peel tape liner from foam pad on Module
 - d) Adhere module to the air duct

Fig. 26



RE-INSTALLATION OF REMOVED PARTS:

27) 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.

FINAL INSPECTION:

- ☐ 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).
- ☐ 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 Meter is functional. Turn ignition switch to "**OFF**".
- ☐ 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.