



GENUINE PARTS

INSTALLATION INSTRUCTIONS

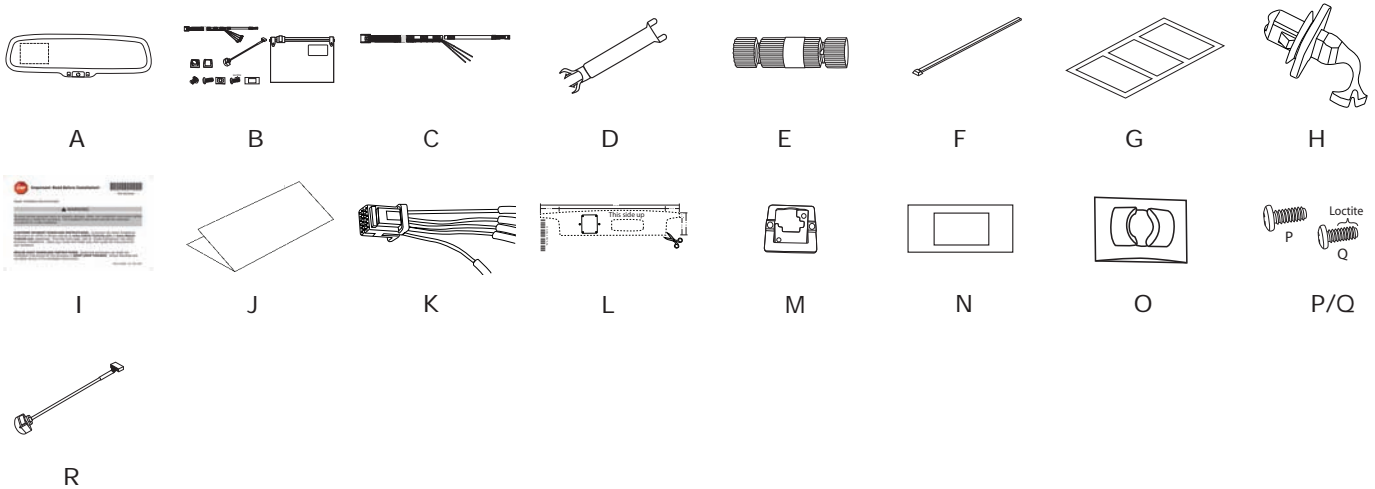
DESCRIPTION: In-mirror RearView Monitor

APPLICATION: Altima Sedan 2.5S & 3.5S

PART NUMBER: 999Q6 U2010

KIT CONTENTS:

Item	Qty.	Part Description	Service Part Number
A	1	In-mirror RearView Monitor	999L1 V2010
B	1	Parts Kit	999Q6 U2100
C	1	Harness Assembly - Power, Ground, Reverse and Video	999Q6 V2100
D	1	Wire Cover	
E	3	Posi-tap	
F	48	Wire Ties	
G	9	Foam Tape	
H	2	A-Pillar Clip	76988 3DN0A
I	1	Manual, Installation Instruction Download	999V2 AW000
J	1	User Guide	
K	1	Accessory Service Connector (NOT INCLUDED IN KIT)	999Q9 AY000
L	1	Camera Template	999V2 AW000
M	1	Camera Bracket	
N	2	Butyl Gum	
O	2	Speed Nut	
P	2	M4 x .7 x 12mm Phillip Screw	
Q	2	M3 x 6mm Phillip Screw	
R	1	Rear View Camera	999Q6 VV030



PRE-INSTALLATION:

TOOLS REQUIRED:

3mm Flat Screwdriver	Side Cutters	Ratchet
Nylon Trim Removal Tool	#1 Phillips Screwdriver	Scissors
Clean Rag	T20 Torx Bit Screwdriver	Rotary Cutting Tool
Fish Wire	10mm Socket	Rotary Cutting Tool Cut-Off Wheel

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

- Dealer Installation Recommended. Instructions may refer to Service Manual.

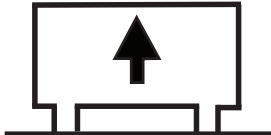
 CAUTION

- This is a universal kit so all parts may not be used.
- Place removed vehicle trim components in a clean, dry area to prevent damage.

INSTALLATION PROCEDURE:

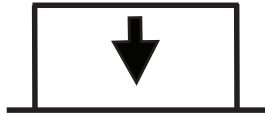
- 1) Apply parking brake.
- 2) Confirm the vehicle is no longer in the default shipping state (extended storage switch pulled up and BCM in transit mode). Failure to confirm the vehicle has been removed from this state will result in loss of normal vehicle operation. The confirmation requires two checks:
 - 2a) Locate the extended storage switch in the cabin fuse block. Once located, check that it is in the "customer" position. See below for reference.
 - 2B) To remove transit mode is by doing as follows:
 1. Remove fuse cover lid
 2. Push down shorting pin
 3. Ign on 2 times without turn the vehicle on.

**Inventory
PULL UP**



INCORRECT

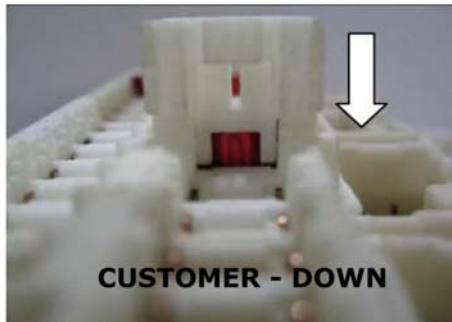
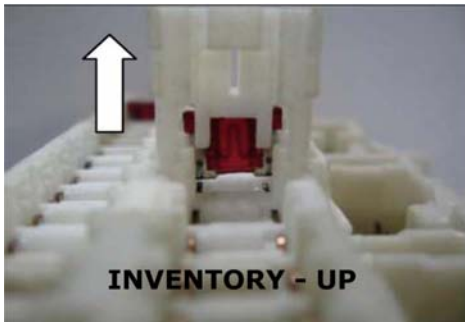
**Customer
PULL DOWN**



CORRECT

To put transit mode back is by doing as follows:

1. Ign Off
2. Remove fuse cover lid
3. Pull up shorting pin
4. Assemble fuse cover lid
5. Ign On 2 times without turn the vehicle on.
6. Confirm transit mode condition on meter.



NOTE: Typical vehicle condition shown above. Switch is easily identifiable by the permanent, push-pull fuse holder. Actual position on the fuse block may vary, vehicle to vehicle.

- 3) Turn ignition switch to "ON" position.

Presets	1	2	3	4	5	6	

- 4) Put shift lever in "P" position for A/T and CVT or "1st" for M/T.
- 5) Turn ignition switch to "OFF" position.

INSTALLATION PROCEDURE:

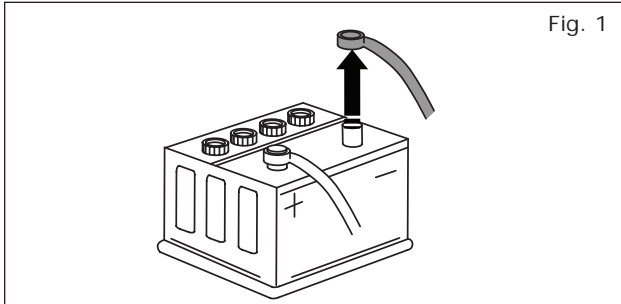


Fig. 1

- 6) Disconnect the negative battery terminal.

⚠ CAUTION

Do not use excessive force when removing OE mirror from windshield. The window button may separate from windshield or the windshield could break.

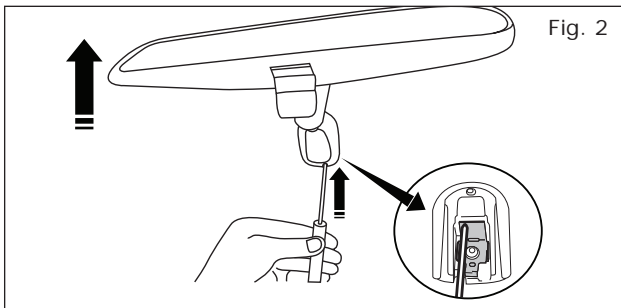


Fig. 2

- 7) Removal of OE rearview mirror.
- Slide flat end of 3mm screwdriver into opening at bottom of mirror mount until resistance is felt.
 - Apply additional upward force and twist 90 degrees to lift lock spring.
 - Lift mirror upward off mirror mount while applying pressure with screwdriver.

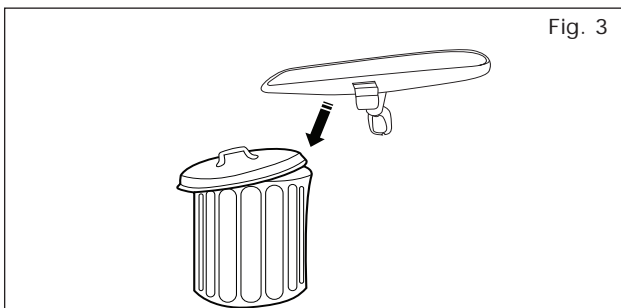
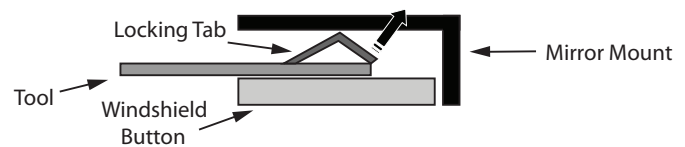


Fig. 3

- 8) Discard Mirror

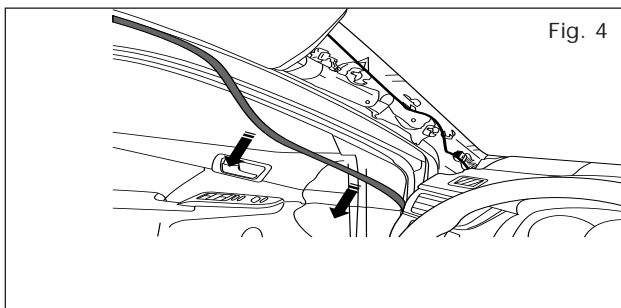


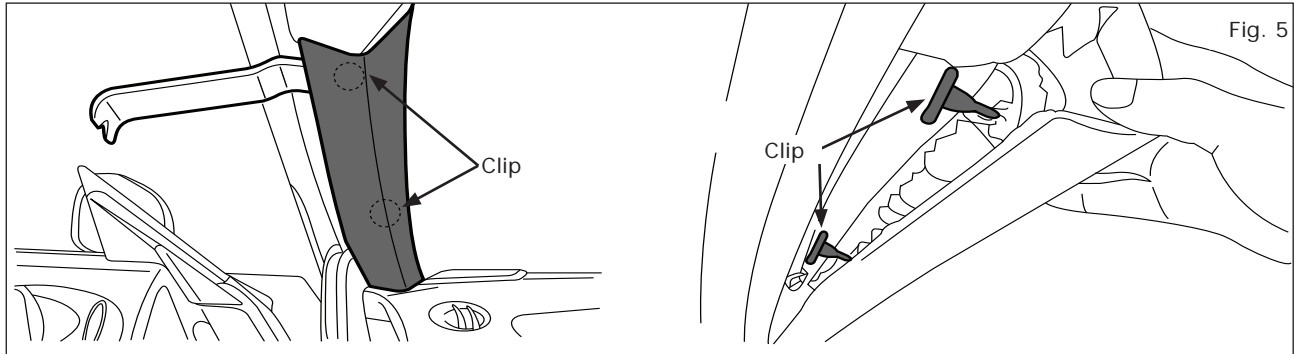
Fig. 4

- 9) Using a panel removal tool, loosen the driver side weather strip and remove from the top of the A-pillar to the instrument panel.

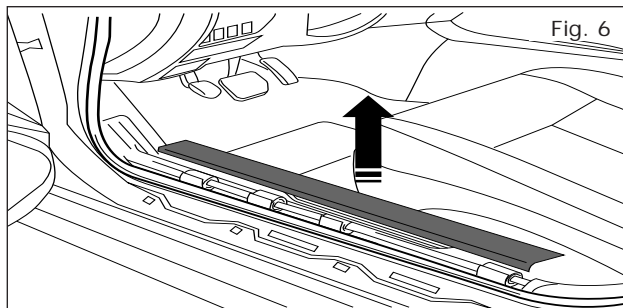
INSTALLATION PROCEDURE:

⚠ CAUTION

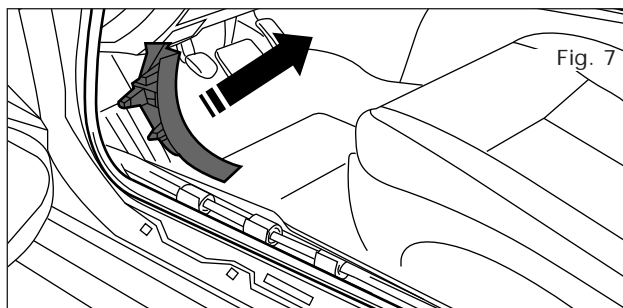
- Exercise caution when removing and installing LH front pillar garnish due to side airbag placement. Reference Figure 5 below for further detail.
- Do **NOT** re-use LH front pillar garnish clips. LH front pillar garnish clips (P/N 76988 3DN0A) **MUST** be replaced during re-installation of garnish.



- 10) Disengage driver side front pillar garnish fixing clip and metal clip with panel removal tool, cut clip A with cutter knife and then remove front pillar garnish.
 - a) Remove and discard the clips from the vehicle.

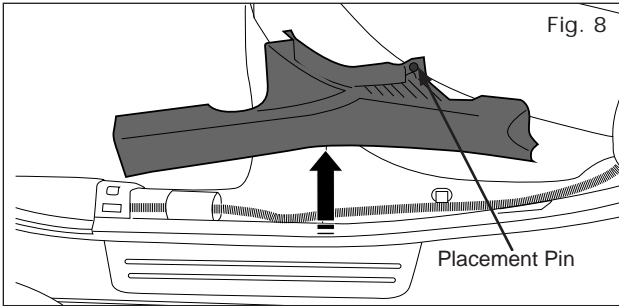


- 11) Remove the driver side front sill plate.
 - a) Pull up sill plate to disengage the pawls. (Fig. 6)
 - b) Remove the sill plate from the body panel.



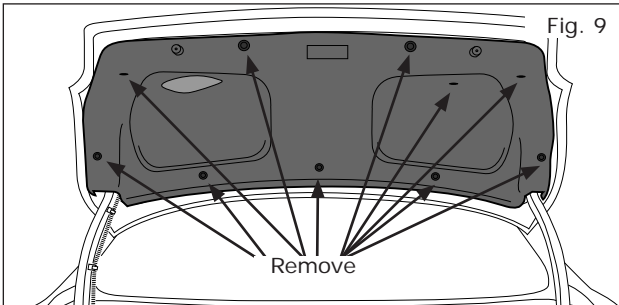
- 12) Remove the driver side kick panel.
 - a) Remove kick panel fixing clips with a panel removal tool and then remove the kick panel. (Fig. 7)

INSTALLATION PROCEDURE:

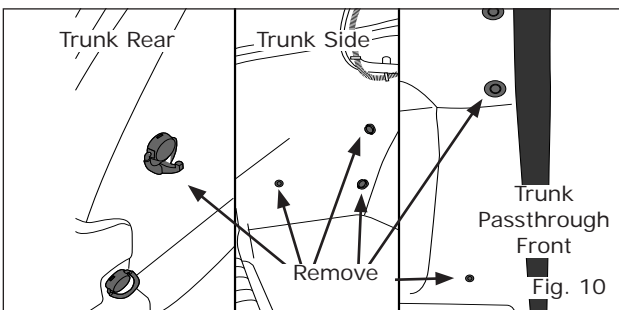


- 13) Remove the driver side rear sill plate.
- Pull up sill plate to disengage the pawls. (Fig. 8)
 - Remove the sill plate from the body panel.

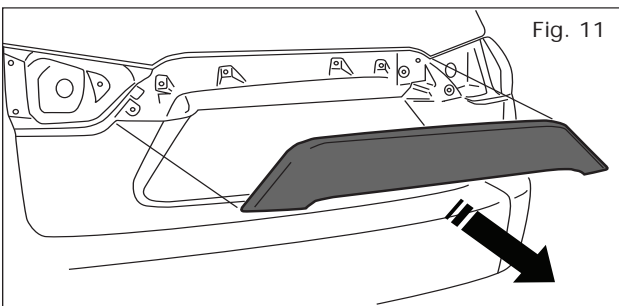
Note: Be sure not to damage the rear sill pin (located just out of sight, under the seat bolster).



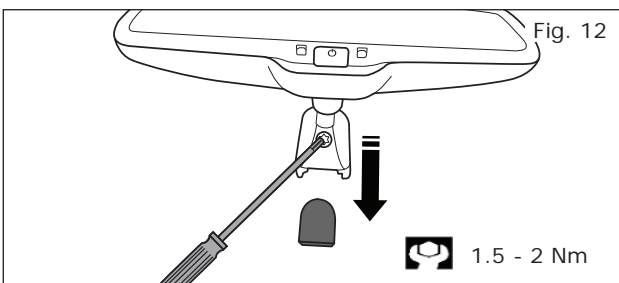
- 14) Remove the trunk deck lid liner.
- Using a trim removal tool, or small flat head screwdriver, remove the 10 body pins in the deck lid liner. (Fig. 9)
 - Remove the deck lid liner from the deck lid.
- Note: Use caution when removing the liner from the trunk deck lid, so as not to damage the trunk release handle.**



- 15) Remove the driver side, rear corner trunk wall liner.
- Using a trim removal tool, or small flat head screwdriver, remove the 4 body pins and 1 luggage tie down pin, in the trunk liner. (Fig. 10)
 - Carefully pull the corner of the liner away, to gain access to the wire harness and tail lamp wiring.

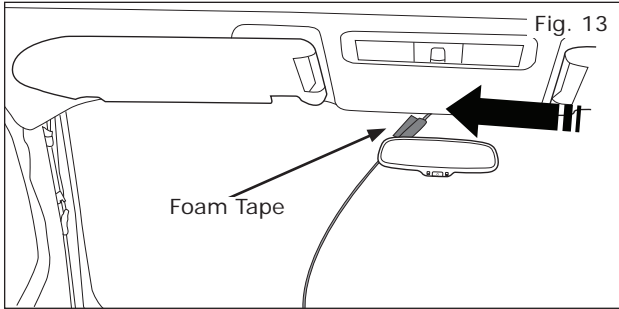


- 16) Remove the trunk deck finisher.
- Using a 10mm socket, remove the 2 bolts on the outer edge of the finisher, and the 4 nuts on the back of the finisher.
 - Unplug the trunk release from the connector.
 - Using a pair of needle nose pliers, carefully depress the 2 compression posts on the back of the finisher. Remove the finisher from the trunk deck lid. (Fig. 11)

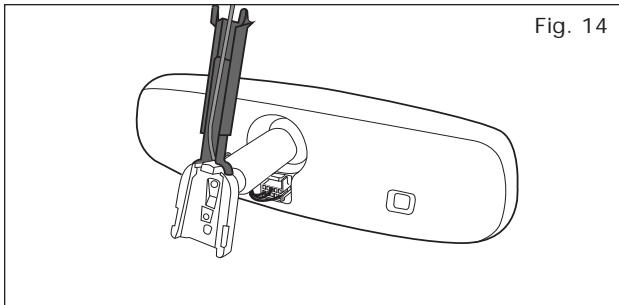


- 17) Install In-mirror Rearview Monitor Mirror.
- Plug the harness connector into the back of the In-mirror RearView Monitor.
 - Slide the In-mirror RearView Monitor mirror base over the button on the windshield.
 - Using a T-20 Torx head driver, tighten the screw on the mirror mount 1.5 - 2.0 Nm (1.3 ft - lbs.) (Fig. 12)

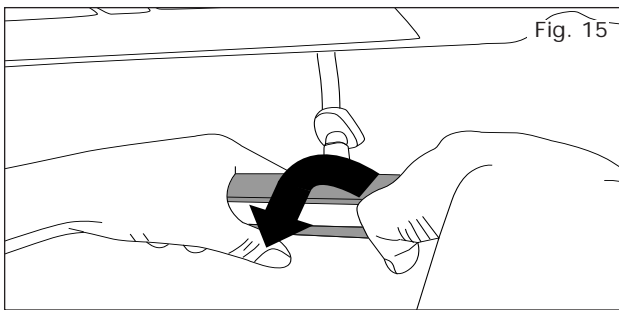
INSTALLATION PROCEDURE:



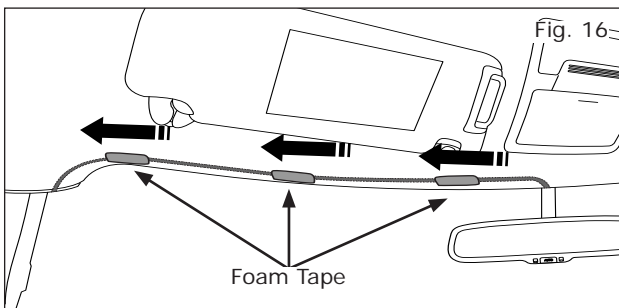
- 18) Wrap 1 piece of foam tape around the harness and, using a panel removal tool, tuck between the headliner and roof above the EC mirror. (Fig. 13)



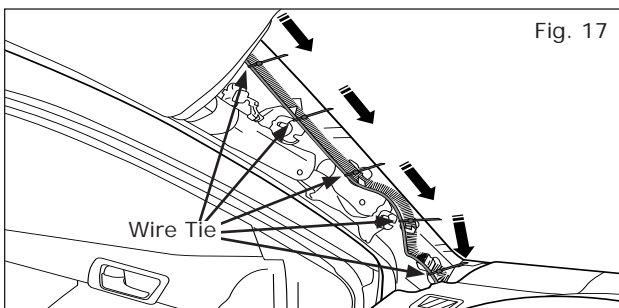
- 19) If a wire cover was removed from the OE mirror, discard the OE wire cover and use the new wire cover from kit contents.
- Route harness into the groove of the wire cover and attach to the mirror mount.
 - Slide the forks on top of the wire cover, into the headliner. (Fig. 14)
 - Verify cover is properly seated and aligned



- 20) Grasp the mirror and rotate downward. Check to ensure wire cover sits flush against the windshield. (Fig. 15)
- If there is a gap between the wire cover and the windshield, ensure there is enough harness slack from the mirror to the headliner. Adjust if necessary.

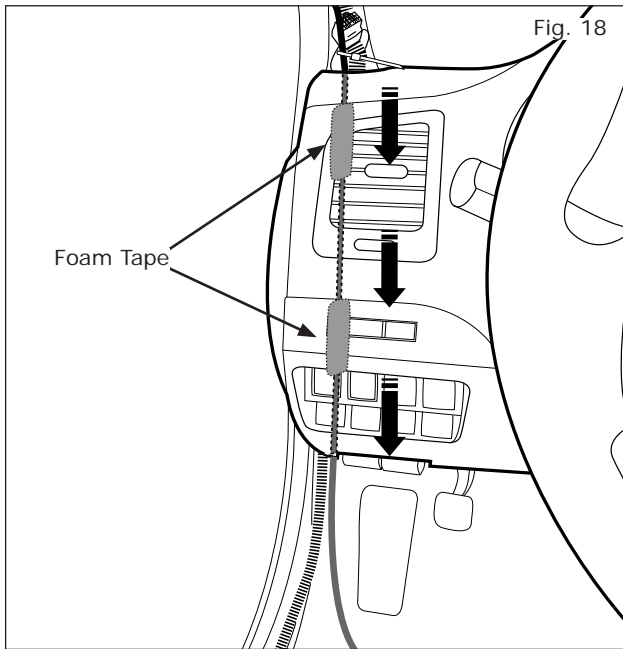


- 21) Wrap two pieces of foam tape around the mirror harness at the center of the sunvisor and where the headline meets the A-pillar.
- Using a panel removal tool, tuck the wire harness between the headliner and the roof. (Fig. 16)



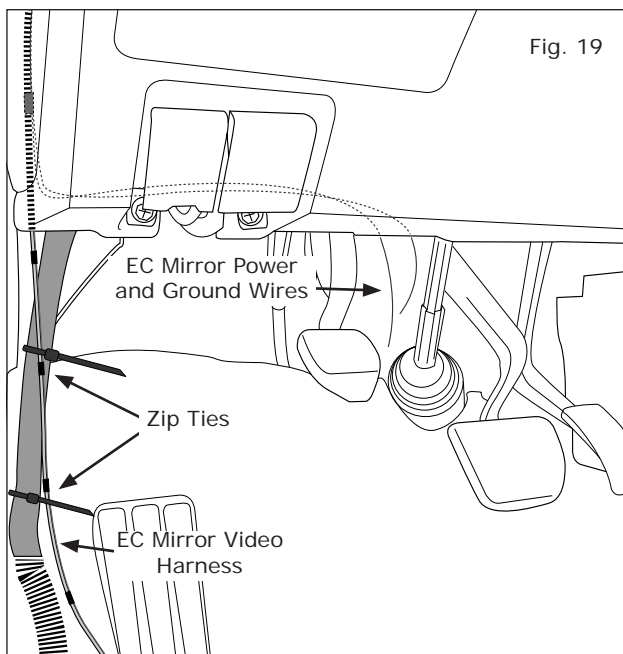
- 22) Route the harness down the driver side A-pillar and secure to the existing vehicle harness with 5 wire ties. (Fig. 17)

INSTALLATION PROCEDURE:

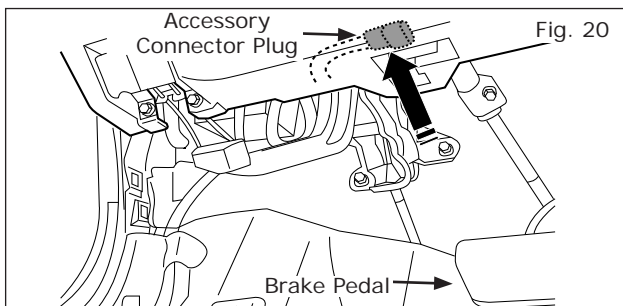


- 23) Wrap 2 pieces of foam tape around the mirror harness and feed the harness through the top of the dash near the a-pillar. Feed the harness from the upper dash to the lower driver side kick panel area. Secure the EC mirror harness to the body harness in the driver side kick panel area with 2 wire ties. (Fig. 18)

NOTE: Feed the harness through the rear opening of the dash panel, nearest to the windshield.



- 24) Separate the power and ground wires from the EC mirror harness. (Fig. 19)
- a) Route the power and ground wires, to the driver side lower dash assembly area. (Fig. 19)



- 25) Locate the accessory connector on the driver side lower dash. (Fig. 20)
- a) Unplug the accessory connector

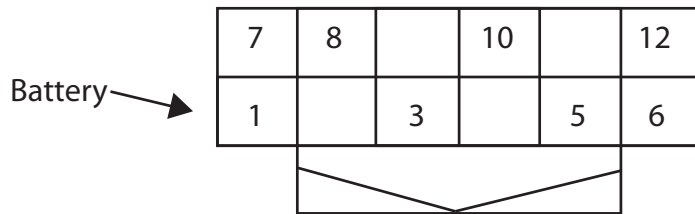
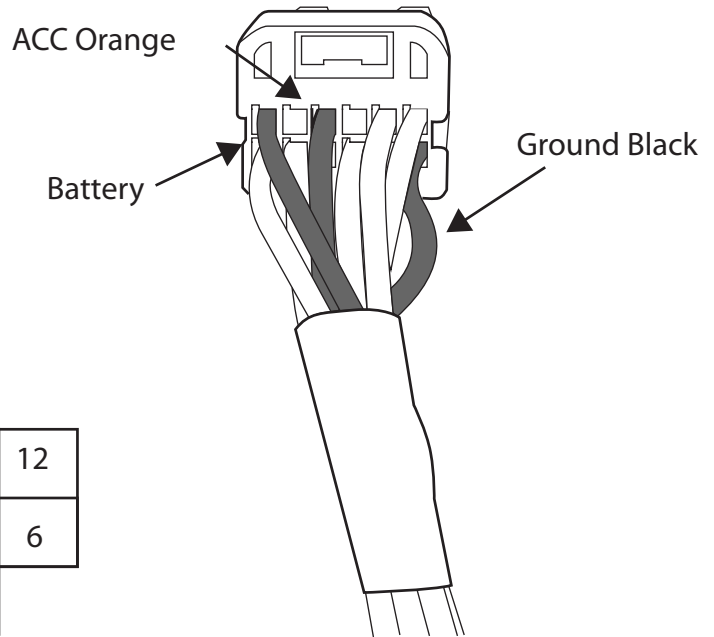
INSTALLATION PROCEDURE:

CAUTION

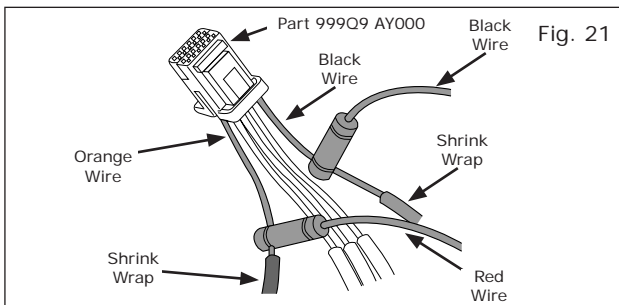
This Accessory Service Connector is for use only with Genuine Nissan (or Infiniti) or Nissan (or Infiniti) approved accessories. Use of this connector with non Genuine Nissan (or Infiniti) or Nissan (or Infiniti) approved accessories or failure to follow the installation instructions for the connector contained in this package may result in damage to the accessory and/or your vehicle. Nissan (or Infiniti) is not liable for loss or damage due to improper installation or the installation of non Genuine or non approved accessories.

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.

PIN #	Function	Color
1	BAT	R
2	N/A	
3	ACC	O
4	N/A	
5	BATT SVR	P
6	DOOR	G
7	CROSS 2	L
8	CROSS 1	SB
9	N/A	
10	RM LMP	Y
11	N/A	
12	GND	B



Pin location is referenced looking into the face of connector.



- 26) Using a posi-tap, connect the black wire from the mirror harness to the BLACK wire on the accessory connector harness. Using a posi-tap, connect the red wire from the mirror harness to the ORANGE wire on the accessory connector harness. (Fig. 21)

a) See Step 27-41 for posi tap installation instructions.

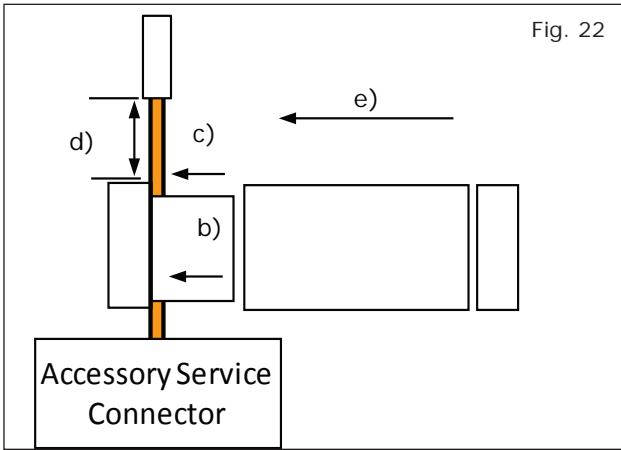
Note: Be sure NOT to posi-tap through the shrink tubing.

HARNESS NOT INCLUDED IN KIT.

REFERENCE PART NUMBER

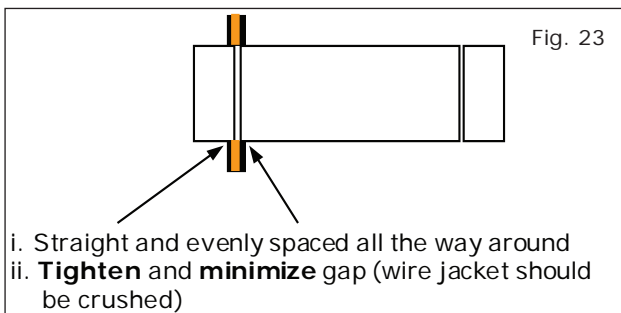
999Q9 AY000

INSTALLATION PROCEDURE:



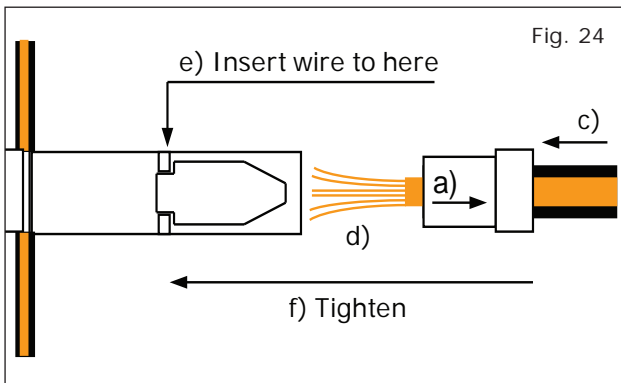
- 27) Tap accessory service wire. (Fig. 22)
- Identify and confirm correct wire in the Accessory Service Connector to be tapped.
 - Remove cap (slot side) from tap body.
 - Slide cap around single accessory wire.
 - Position cap $\geq 6.35\text{mm}(0.25\text{in})$ away from the heat shrink end of the Accessory Service Connector (measurement for first posi-tap installed on the circuit).
 - Tighten the tap **TIGHT** with finger pressure.
 - Tighten by another quarter turn.

NOTE: Figures are not to scale.

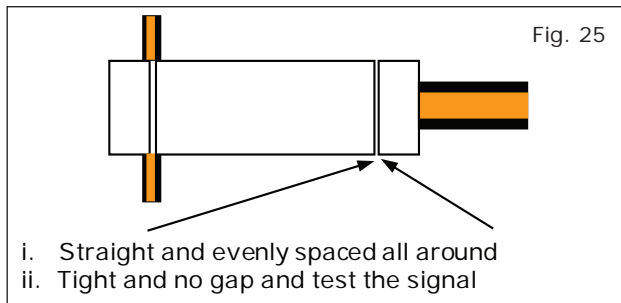


- 28) Inspect the tap to ensure correct installation. (Fig. 23)
- Pull on wire lightly to ensure connection.
 - Inspect the tap to ensure correct installation.
 - Test signal to ensure that it is working.

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

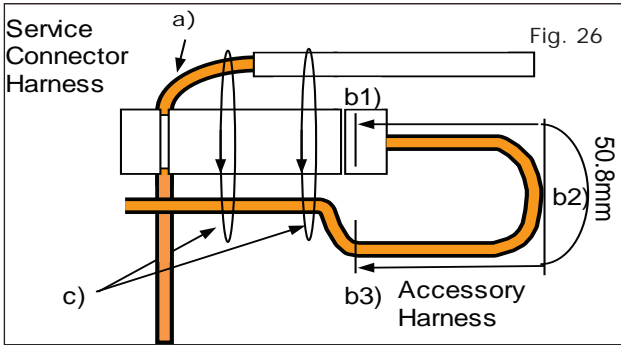


- 29) Tap accessory wire. (Fig. 24)
- Remove tap (non-pierce) side from tap.
 - Remove the protective stub from the wire.
 - Insert wire through the non-pierce side.
 - Spread the individual strands into fan shape.
 - Insert wire into the tap body and ensure that it is all the way in.
 - Tighten the tap **TIGHT** with finger pressure.
 - Tighten by another quarter turn.



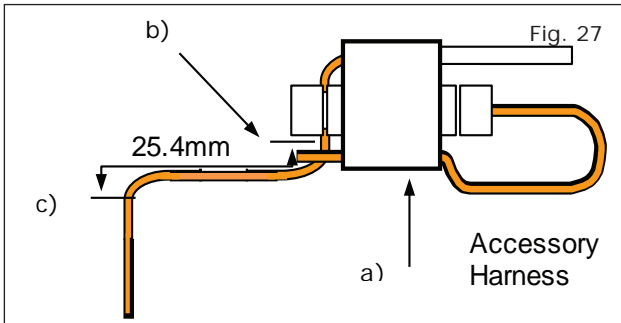
- 30) Confirm the tapped accessory wire. (Fig. 25)
- Pull on the wire lightly to ensure connection.
 - Inspect the tap to ensure correct installation.
 - Test the signal to ensure it is working.

INSTALLATION PROCEDURE:

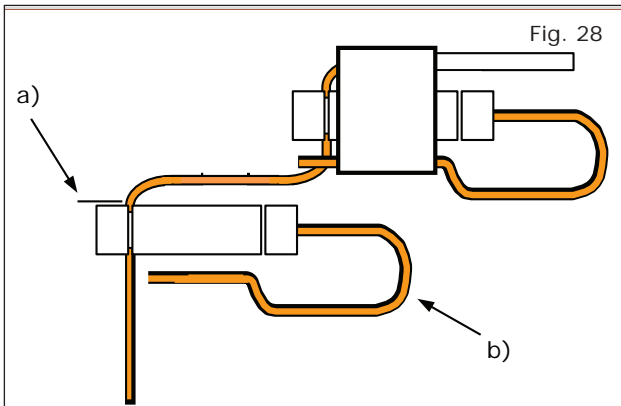


- 31) Forming strain relief loop (always required). (Fig. 26)
- a) Gently bend the end of the pierced wire (where it exits the cap) down toward the body of the posi-tap.
 - b) On the tapped wire of the non-pierce side; starting at point b1) measure 50.8mm(2in.) to point b3). Make the first bend of the loop b2), half the distance measured 25.4mm(1in.), and up toward the body of the posi-tap, make the second bend of the loop b3).
 - c) Secure the pierced wire on the heat shrink side and the tapped wire on the non-pierce side to the body of the tap with electrical tape (≥ 2 Revolutions).

NOTE: If securing multiple taps to single circuit continue to Step 32, if tapping different circuits repeat steps 27-31 as required, then proceed to step 36.



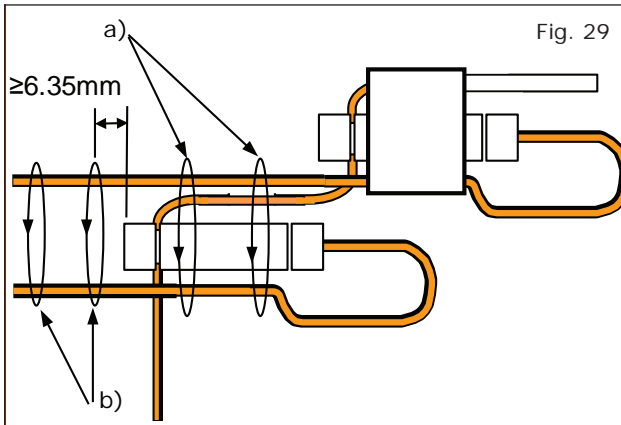
- 32) Multiple posi-taps on the same wire; first tap. (Fig. 27)
- a) The first accessory is tapped, relieved and secured as shown in Fig 1 thru 5 (these steps are always the same).
 - b) Measure 25.4mm(1in) from point b) to point c) on the pierced wire.
 - c) At points b) & c), bend the pierced wire gently to form the "staircase" shape.



- 33) Multiple posi-taps; second accessory. (Fig. 28)
- a) Tap second accessory at point b), making sure to preserve "staircase shape".
 - b) After tapping second accessory, form a strain relief loop for the tapped wire on the non-pierce side as shown in Fig c) and detailed in step 5b.

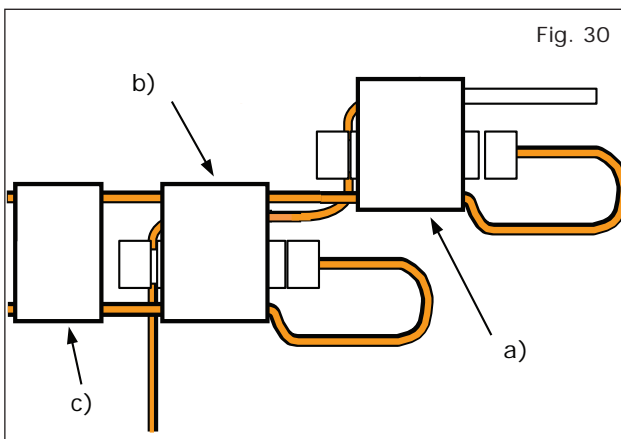
NOTE: Do not secure before reading step 8. Repeat as necessary.

INSTALLATION PROCEDURE:

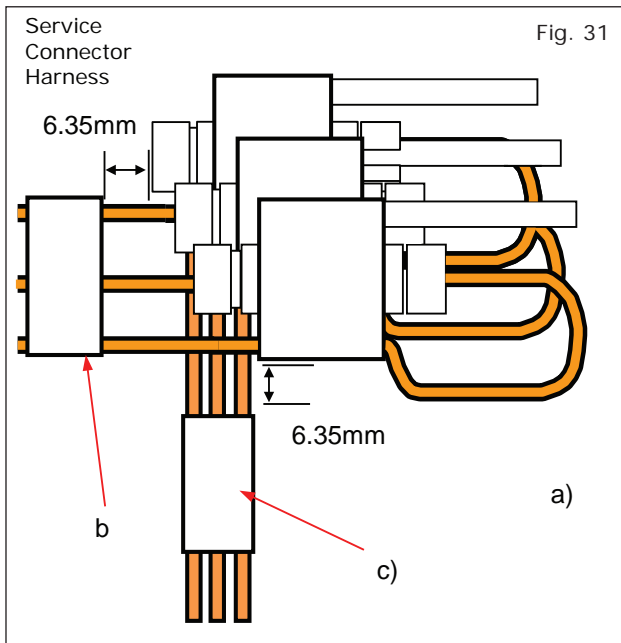


- 34) Securing multiple posi-taps on the same circuit (Fig. 29)
- Secure the pierced and tapped wires from the first posi-tap, along with the tapped wire from the non-pierce side of the 2nd posi-tap to the body of the 2nd tap with electrical tape (≥ 2 revolutions).
 - Secure the tapped wires from the non-pierced sides of each tap to each other with electrical tape (≥ 2 revolutions) at a distance of $\geq 6.35\text{mm}$ (0.25in) from the head of last posi-tap shown in Fig b).

Note: No single wire should be posi-tapped more than 4 times to maintain integrity. Repeat as necessary

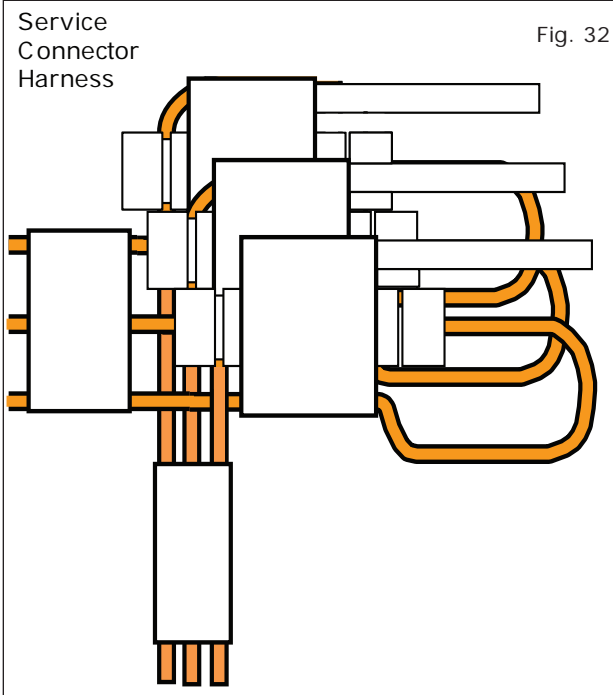


- 35) Multiple accessory taps on the same circuit secured. (Fig. 30)
- The first accessory is tapped, relieved and has the pierced wire on the heat shrink side and the tapped wire on the non-pierce side secured to the first tap as shown in Fig a).
 - The second accessory is tapped, relieved and has the pierced wire, the tapped wire on the non-pierce side and the tapped wire from the non-pierce side of the first posi-tap secured to the second tap as shown in Fig b).
 - Finally the tapped wires on the non-pierce side of the first and subsequent posi-taps are secured to each other as shown in Fig c).

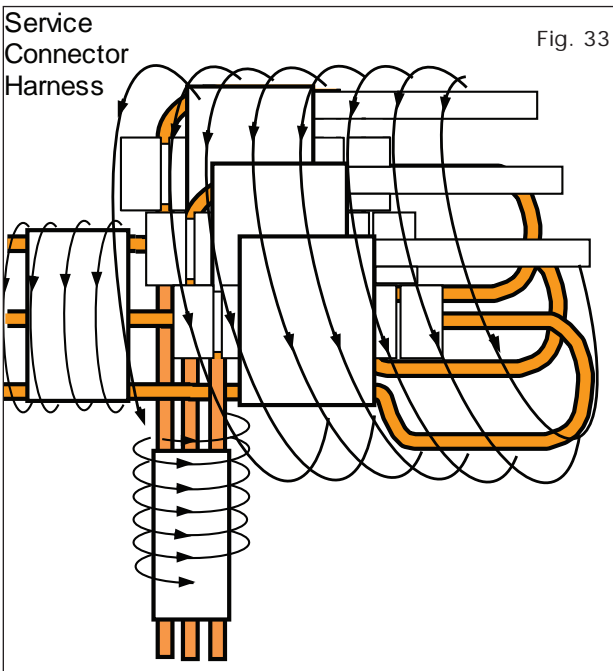


- 36) Multiple accessory taps on different circuits secured together. (Fig. 31)
- The tapped accessories (with wires already secured to tap bodies) are stacked slightly staggered on top of each other as shown in Fig a).
 - The tapped wires on the non-pierce side of all the posi-taps are secured to each other with electrical tape (≥ 2 revolutions) at a distance of $\geq 6.35\text{mm}$ (0.25in) as shown in Fig b).
 - The pierced wires of the first and subsequent posi-taps are secured to each other with electrical tape (≥ 2 revolutions) at a distance of $\geq 6.35\text{mm}$ (0.25in) as shown in Fig c).

INSTALLATION PROCEDURE:



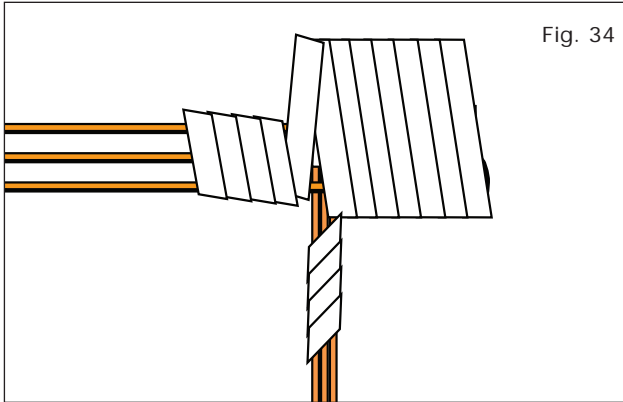
- 37) Prep for foam wrap. (Fig. 32)
- Make sure the accessory taps have been wrapped appropriately as detailed previously and as shown in Fig 32)



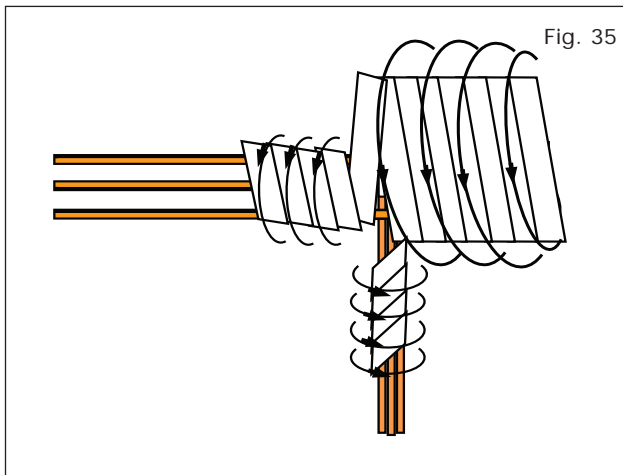
- 38) Pre- foam protective wrap. (Fig. 33)
- Starting at the heat shrink; firmly wrap the posi-tap bundle with electrical tape or non-adhesive wire harness tape, making sure to overlap the previous revolution.

Note: If using non adhesive tape secure at the of wrap with electrical tape ≥ 2 revolutions.

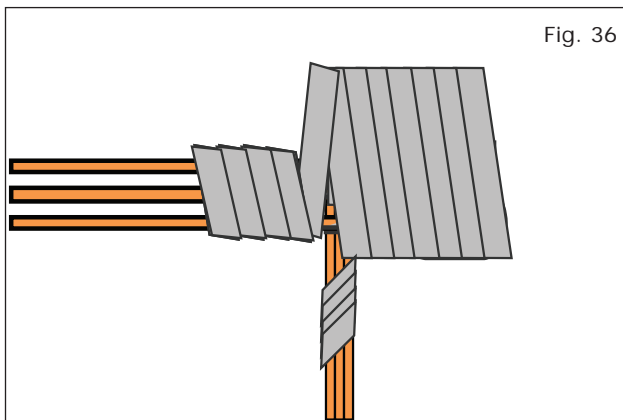
INSTALLATION PROCEDURE:



- 39) Finished protective wrap. (Fig. 34)
a) Make sure the finished wrap looks similar to Fig. 34

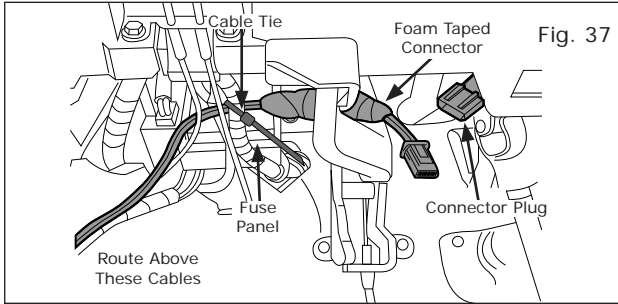


- 40) Foam wrap for posi-tap bundle (foam strips)
(Fig. 35)
a) Wrap the posi-tap bundle with foam tape, following a pattern similar to the electrical tape, making the best use of foam strips provided.

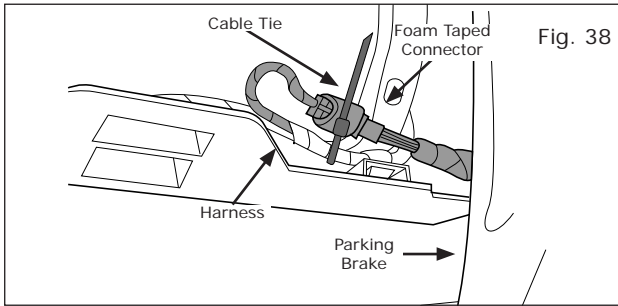


- 41) Finished foam wrap for bundle (strips-top view)
(Fig. 36)
a) Make sure the finished wrap looks similar to Fig. 36

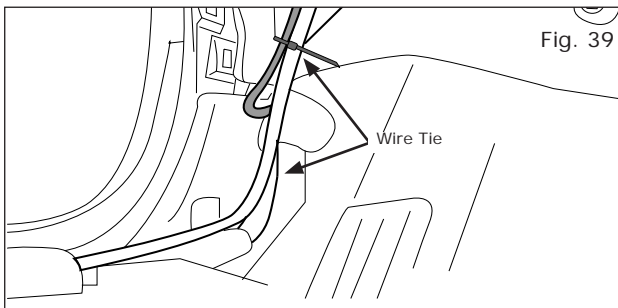
INSTALLATION PROCEDURE:



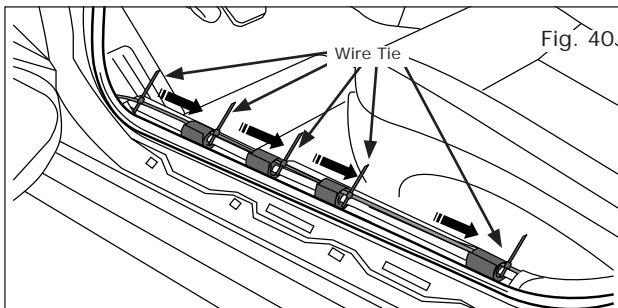
- 42) Route the wires under the dash along the existing harness. Feed the wires above the hood release and parking break release cables. Use a wire tie to secure the wiring to the large harness loop ahead of the fuse panel. (Fig. 37)
- Plug in the accessory connector.
 - Bundle any excess wire and secure with 1 wire tie.



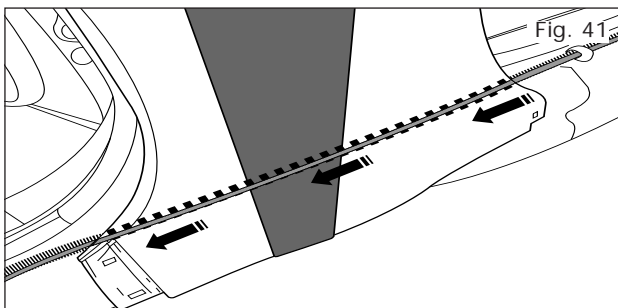
- 43) Using a cable tie, secure the Accessory Connector to the existing harness (Fig. 38)
- Note: The view shown is looking up under the dash from behind, next to the parking brake pedal.**



- 44) Route the wires along the existing harness in the footwell. Bundle and secure any excess wire with wire ties (Fig. 39)

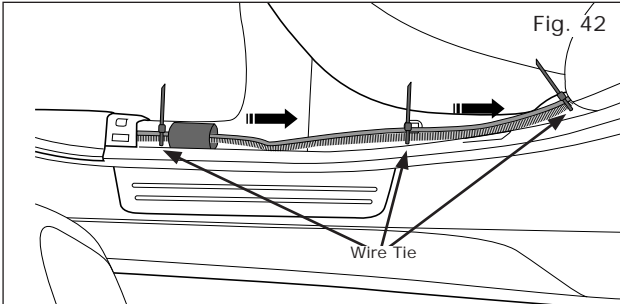


- 45) Route the harness along the driver side front door sill. Secure the EC mirror harness to the body harness with 5 wire ties. (Fig. 40)
- Note: Be sure to route the wire harness through the existing clips that mount the body harness to the sill.**



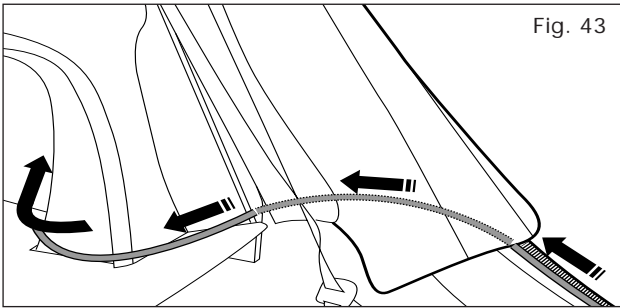
- 46) Route the EC mirror harness behind the b-pillar, making sure to locate the harness **behind** the seat belt mount. (Fig. 41)

INSTALLATION PROCEDURE:



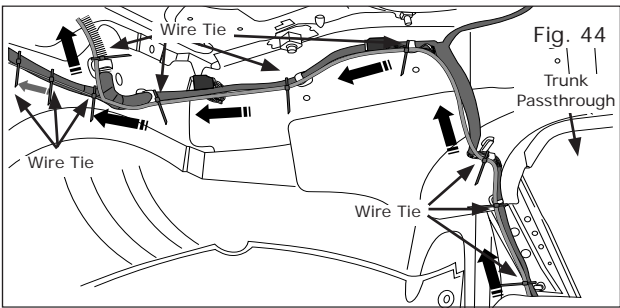
- 47) Route the harness down the driver side rear sill plate. Secure the EC mirror harness to the body harness with 3 wire ties. (Fig. 42)

Note: Be sure to route the wire harness through the existing clips that mount the body harness to the sill.



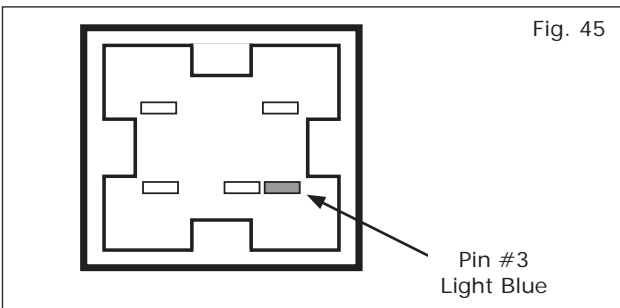
- 48) Route the EC mirror harness behind the rear seat side bolster and into the trunk opening. (Fig. 43)

Note: Be sure to route the harness behind the two seat supports.



- 49) Route the EC mirror harness through the trunk, along the OE body harness on the driver side of the trunk. (Fig. 44)

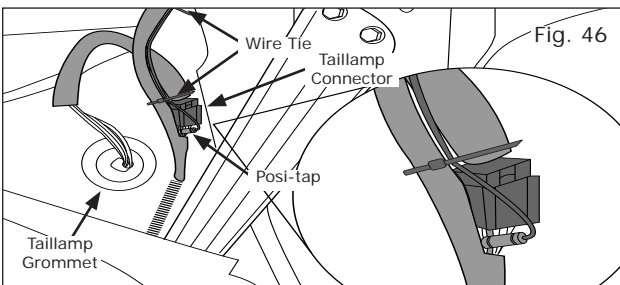
- a) Secure the EC mirror harness to the body harness from the passthrough to the trunk lid hinge with 7 wire ties.
- b) Separate the reverse wire from the video harness on the EC mirror harness.
- c) Route the reverse wire along the lower body harness toward the rear tail lamp area and secure to the body harness with 3 wire ties.



- 50) Secure the grey end of the wire tap to the LIGHT BLUE wire on the vehicle side of the tail lamp connector. (Fig. 45)

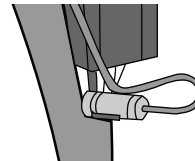
- a) See Step 27-41 for posi tap installation instructions.

Note: The image shows the rear tail lamp connector (vehicle side) from the front.

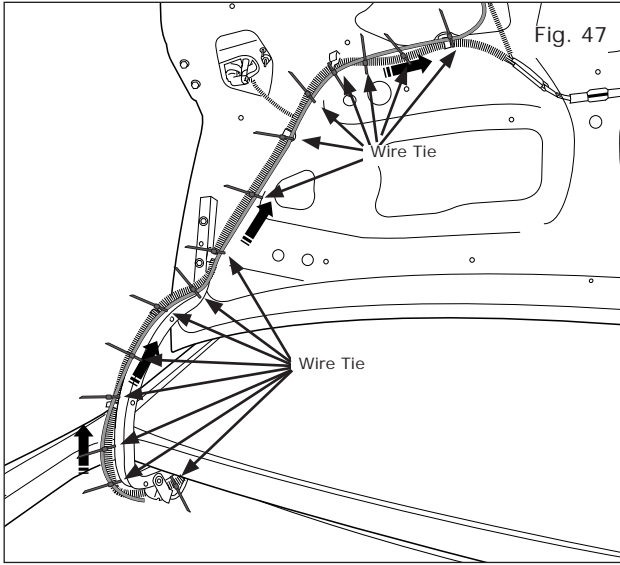


- 51) Place the posi-tap approximately 1" from the rear tail lamp harness connector. Bundle the remaining reverse wire to the existing factory body harness. (Fig. 46)

- a) Secure the bundle with 1 wire tie.



INSTALLATION PROCEDURE:

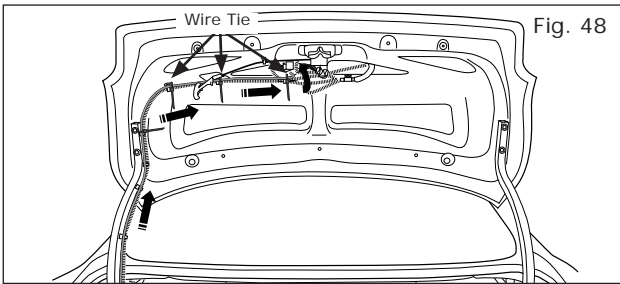


- 52) Route the EC mirror video harness along the rear deck lid hinge, along side the OE body harness.

Note: Be sure to place the EC mirror video harness behind the conduit body harness.

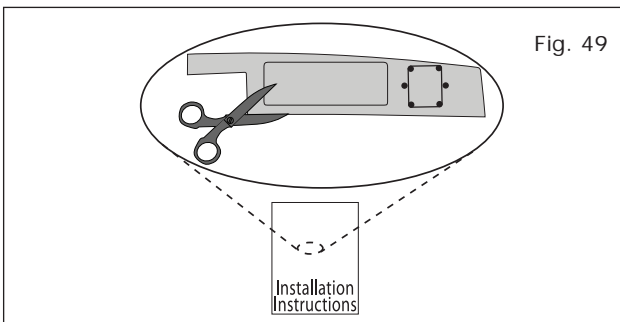
- a) Secure the EC mirror video harness to the OE body harness with 15 wire ties. (Fig. 47)

Note: All secure points should be made near the factory harness connection points.

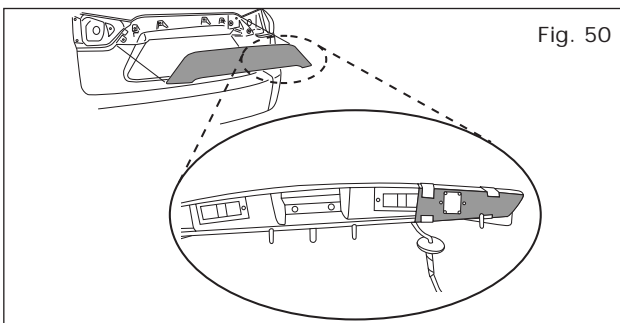


- 53) Route the EC mirror video harness along the deck lid to the center support area of the back of the trunk. Secure the EC mirror video harness to the OE body harness using 3 wire ties. (Fig. 48)

Note: All secure points should be made near the factory harness connection points.



- 54) Use the template from the parts kit. Cut along the dotted lines of the template. (Fig. 49)



- 55) Align camera cut-out template up with the bottom of the rear finisher trim piece. Secure the template in place with (4) pieces of electrical tape. Ensure template is perfectly straight and lines up exactly with the reference points. (Fig. 50)

Note: Ensure template is straight and matches all reference points.

INSTALLATION PROCEDURE:

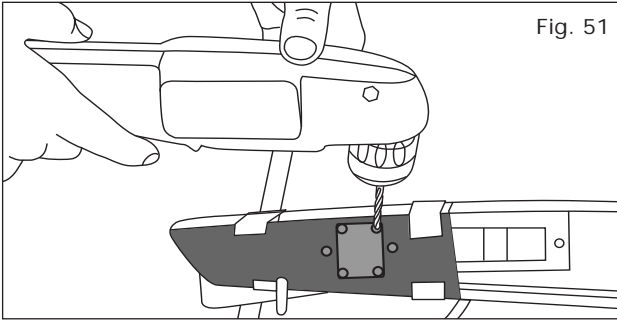


Fig. 51

- 56) Secure the rear finisher trim in an area that will not allow the finisher trim to move and will not damage the finisher trim. Carefully drill (6) holes in the indicated spots on the camera cut-out template with a 3/16" drill bit. (Fig. 51)

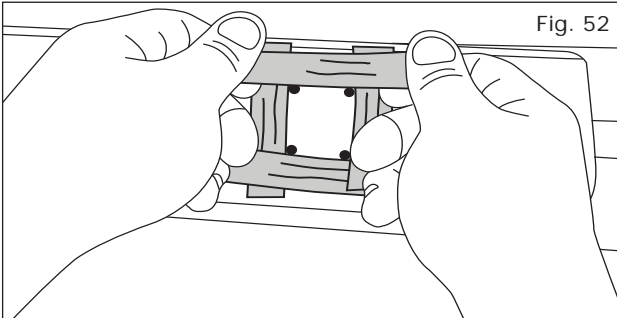


Fig. 52

- 57) Once the holes are drilled in the template, remove the template from the finisher trim. Using the (4) holes that make up the square, tape off a straight line from the outside of each hole, as shown above. (Fig. 52)
Note: The electrical tape lines provide a minimal amount of protection for the finisher trim and give a clear straight line to follow for the cut-off wheel used in the next step.

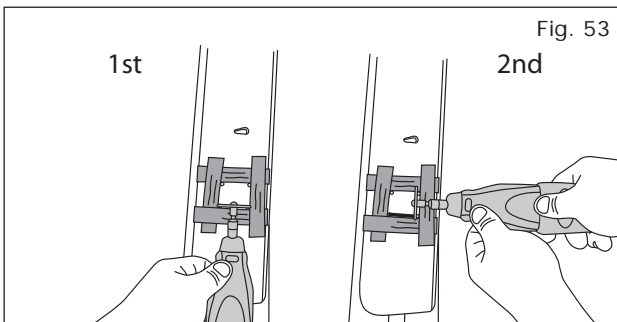


Fig. 53

- 58) Using a cut-off wheel, follow the straight electrical taped line and begin cutting out the camera hole. (Fig. 53)
Note: Do not damage finisher trim and do not cut outside the lines.

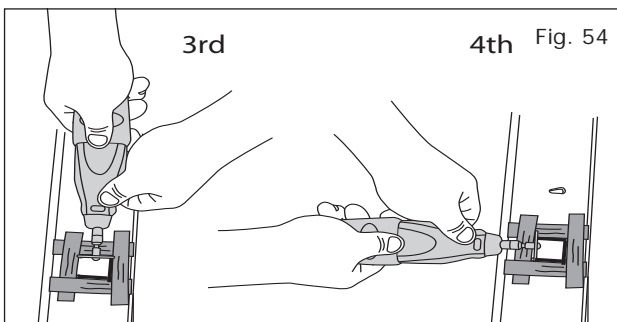


Fig. 54

- 59) Follow the remaining taped off lines until the cut-out is completely cut through. (Fig. 54)
Note: Do not damage finisher trim and do not cut outside the lines.

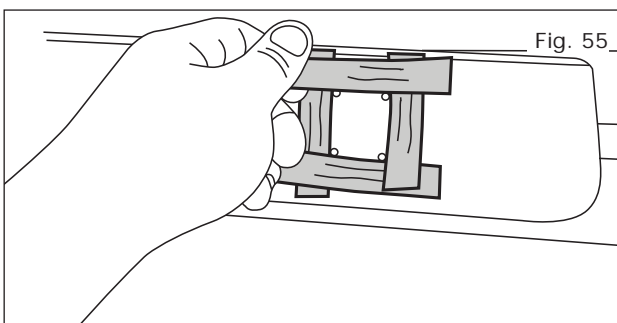
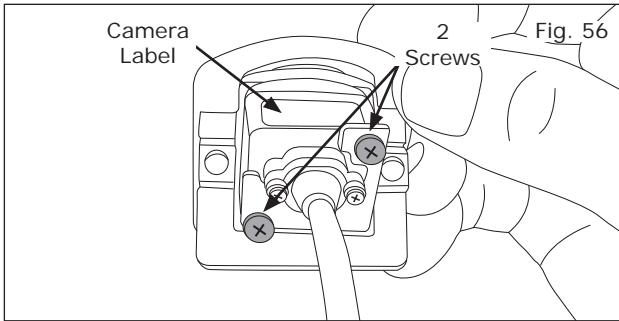


Fig. 55

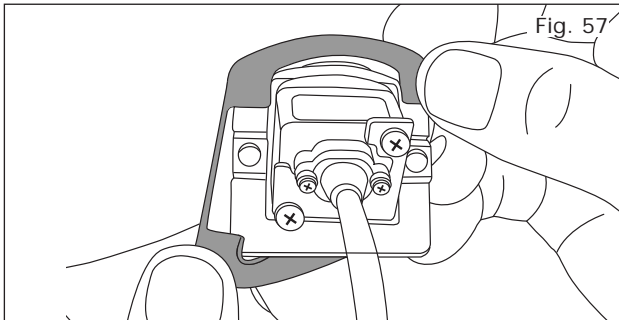
- 60) Remove the electrical tape and then remove the inner square if it did not fall through during the cut out step. (Fig. 55)
Note: Deburr the hole if it is not smooth.

INSTALLATION PROCEDURE:



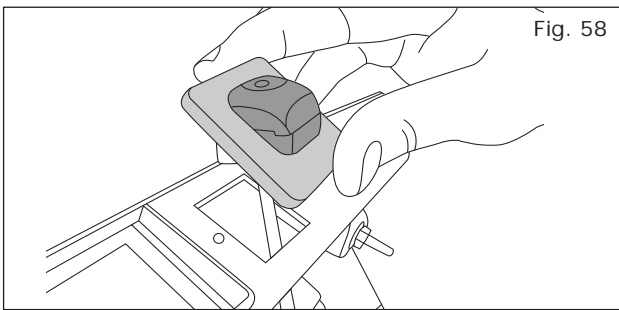
- 61) Insert the camera into the camera bracket. Insert the camera wire harness through the hole first, then butt the camera up to the bracket, with the label on the camera facing upwards. Begin assembling the camera and bracket assembly. Using the smaller of the provided Phillips screws, install the screws through the angled portion of the camera bracket and into the camera. (Fig. 56)

Note: Do not scratch the camera lens. Do not over-tighten the screws.

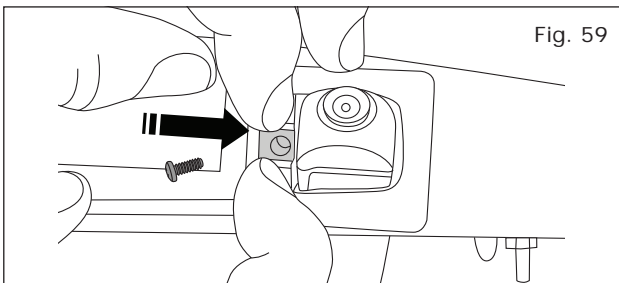


- 62) Install the rubber grommet over the camera bracket. Ensure that the finished side of the grommet, the side with the molded notch, is towards the camera lens. The flat portion of the grommet must sit flush against the rear finisher trim of the vehicle. (Fig. 57)

CAUTION: Do not scratch the camera lens. Ensure the grommet is placed on in the correct orientation.

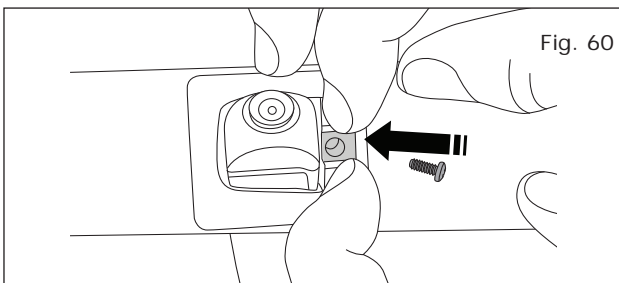


- 63) Route the camera wire harness through the hole in the finisher trim and seat the camera in the correct position. Orientate the lens so that it points towards the rear of the vehicle and towards the bumper. (Fig. 58)



- 64) **CAUTION: Do not damage the finisher trim or the camera lens. Ensure the camera is installed in the correct orientation.** Peel the camera grommet away from the camera, as shown above, until the bracket hole is visible. Insert (1) of the larger Phillips screw into the hole. (Fig. 59)

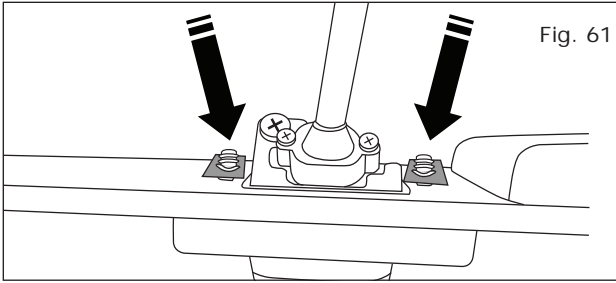
Note: Do not damage the finisher trim or the camera lens.



- 65) Peel the opposite side of the camera grommet away from the camera, as shown above, until the other bracket hole is visible. Insert (1) of the larger Phillips screw into the hole. (Fig. 60)

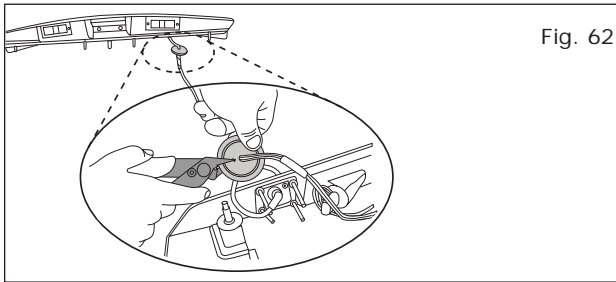
Note: Do not damage the finisher trim or the camera lens.

INSTALLATION PROCEDURE:



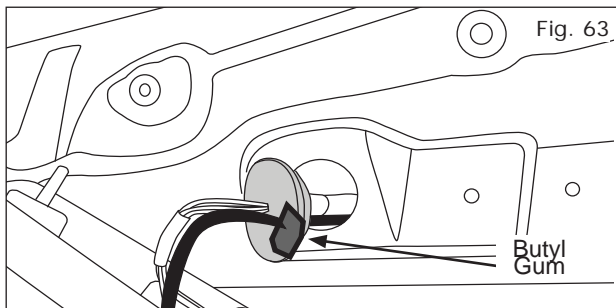
- 66) On the bottom side of the rear finisher trim, install (1) speed nut on one of the screws going through the camera bracket and finisher trim. Hold the speed nut with a finger and flip the finisher trim over. While holding the speed nut, tighten the screw with a #2 Phillips screwdriver. Using the same process, install (1) speed nut on the remaining screw to completely secure the camera bracket to the rear finisher. (Fig. 61)

Note: Do not damage the finisher trim or the camera lens. Ensure the camera bracket is securely installed.

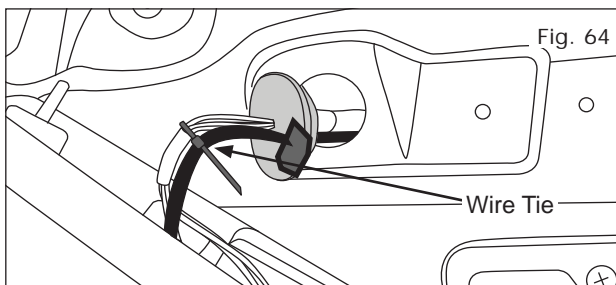


- 67) Locate the rubber grommet that seats into the rear hatch of the vehicle where the OEM harness of the rear finisher passes through. Cut a notch in the grommet with side cutters. Only cut deep enough to allow the EC mirror harness to fit inside the outer ring, approximately 1/2" deep. (Fig. 62)

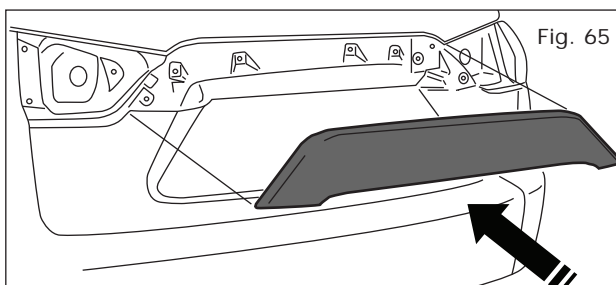
Note: Do not cut or damage the OEM wire harness. Do not scratch the rear finisher trim.



- 68) Line up the grommet with the hole in the rear hatch and place the EC mirror harness through the previously cut out slot. Stick the Butyl gum to the grommet and smear it around the EC mirror harness and fill in the slot cut in the grommet. Ensure that there are no gaps so that water will not enter the vehicle. (Fig. 63)

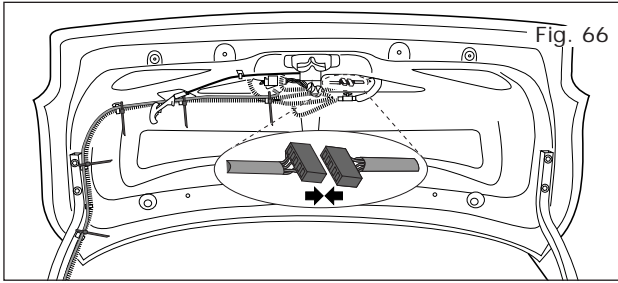


- 69) EC mirror harness stays in place, secure to OEM harness with (1) wire tie, near the grommet. Clip end of wire tie. (Fig. 64)



- 70) Ensure hands are clean and that there is no Butyl gum stuck on them. Line up the rear finisher trim with the holes in the body of the rear hatch. Tighten the 4 nuts and 2 bolts and ensure both clips are securely snapped into place. (Fig. 65)


INSTALLATION PROCEDURE:

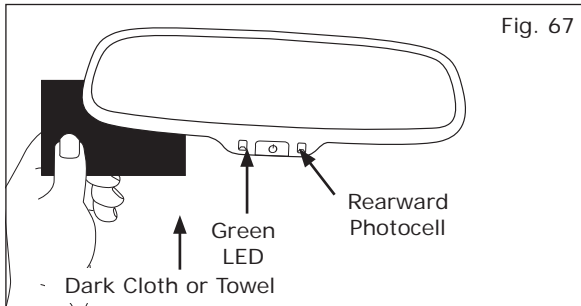


- 71) On the inside of the rear deck lid, locate the EC mirror harness and the Camera harness. Plug the camera connector into the EC mirror harness. Ensure the connectors click when they are locked into place. (Fig. 66)

ACCESSORY CHECK:

Testing

- Tighten negative battery terminal nut to 5.4 Nm (47.8 in-lb).
- Turn the ignition switch to ON.
- Ensure vehicle is in well lit area.
- Check to see that the green LED is illuminated. If it is not, press the "  " button to turn it on.
- Cover the forward-looking photocell (located to the driver side of the wire harness connection on the back of the mirror) with a dark cloth or towel. After a few seconds, the mirror should begin to darken. Timing will vary with ambient light levels and a flashlight may be shined on the rearward photocell if needed, to accelerate effect.
- Remove the cover from the forward-looking photocell and the mirror will begin to clear.



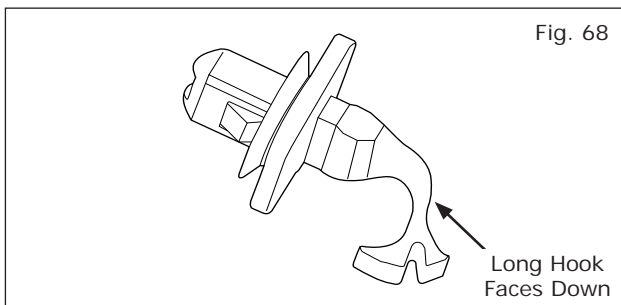
- Turn the key to the "on" position (do not start the vehicle), step on the brake and place the vehicle in reverse.
 - Verify that the camera display illuminates with the camera image in the mirror.
 - Place the vehicle back into park, and verify that the camera display in the mirror turns off.
 - Turn the ignition back to the off position and remove the key.
 - Testing is now complete.
-
- Diagnostic flow chart is available on pages 25 and 26 of instructions for troubleshooting.
 - Check all **Critical Installation Steps**.
 - Check all torque values
 - Step 17; 1.5-2Nm
-
- Verify all wiring is secure and not exposed.
 - Trim all excess cable ties flush.
 - Check all vehicle electrical systems that the accessory interfaces with.
 - Power mirror switch.
 - Traction control switch.
 - Hood Release
 - Fuel Door Release
 - Re-install all removed vehicle parts. Refer to the vehicle service manual for more details.
 - Confirm trunk release s/w is functional.

RE-INSTALLATION OF REMOVED PARTS:

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.

- LH front pillar garnish.
 - Insert new clip (P/N 76988 3DN0A) into garnish hole ensuring long hook faces down.



- Insert base of finisher.
- Insert panel removal tool between front pillar garnish bottom side and body side and press clips into body.
- Push garnish toward vehicle body to attach.

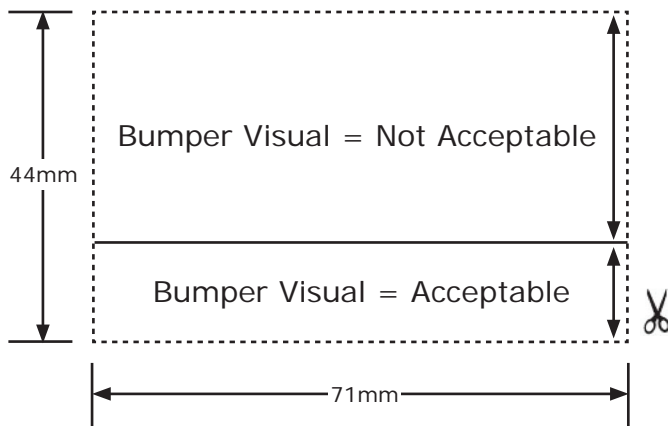
ACCESSORY CHECK:

FINAL INSPECTION:

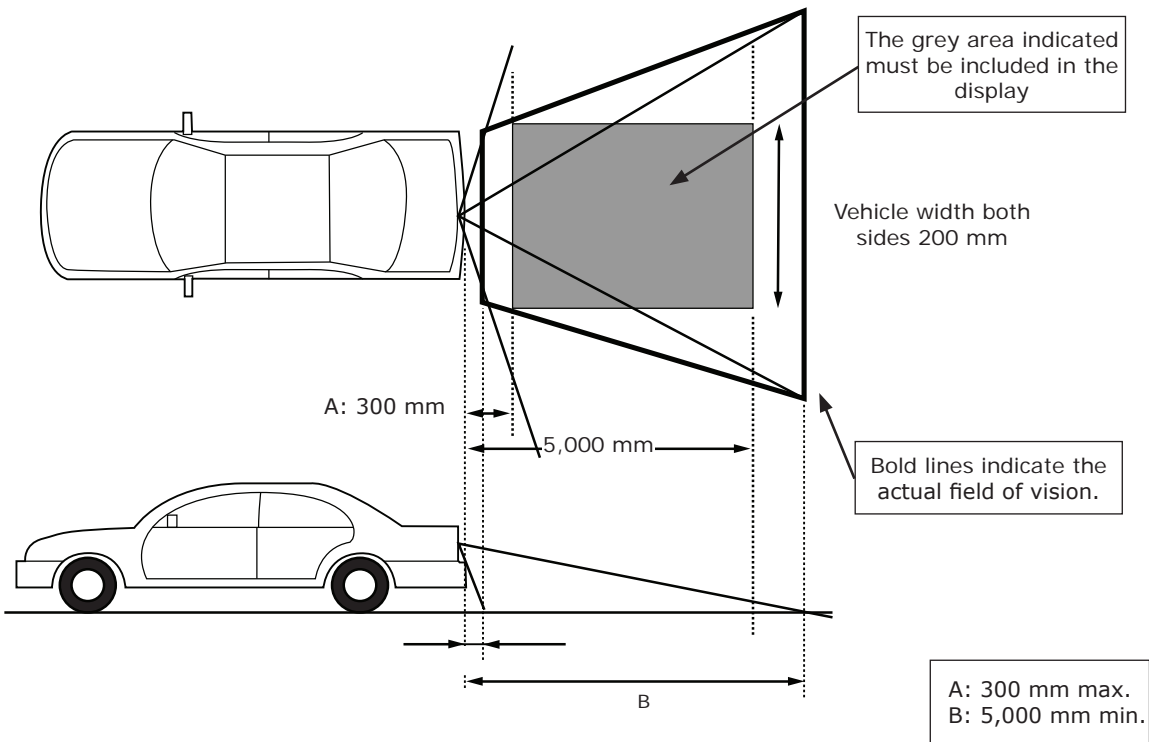
- Verify re-installed trim parts for proper flush fit (no gap, no waviness, etc).
- Verify all clips are fully engaged and locked.
- Verify re-installed trim parts are free from cracks, scratches, or stress cracks.
- Verify vehicle headliner, seat, steering wheel, center console, floor carpets, etc. 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. Turn ignition switch to "OFF".
- Place the Owner Manual, Quick Reference Guide, and/or other Manual in the glove box.
- Check the trim for proper flush fit after re-installing the interior components.

FINAL INSPECTION:

- Verify In-mirror RearView Monitor has the correct amount of rear bumper present. Cut out the "Go-No-Go" gauge below and place on mirror display (dimensions of cut out must be measured prior to cutting to ensure accuracy of printer).



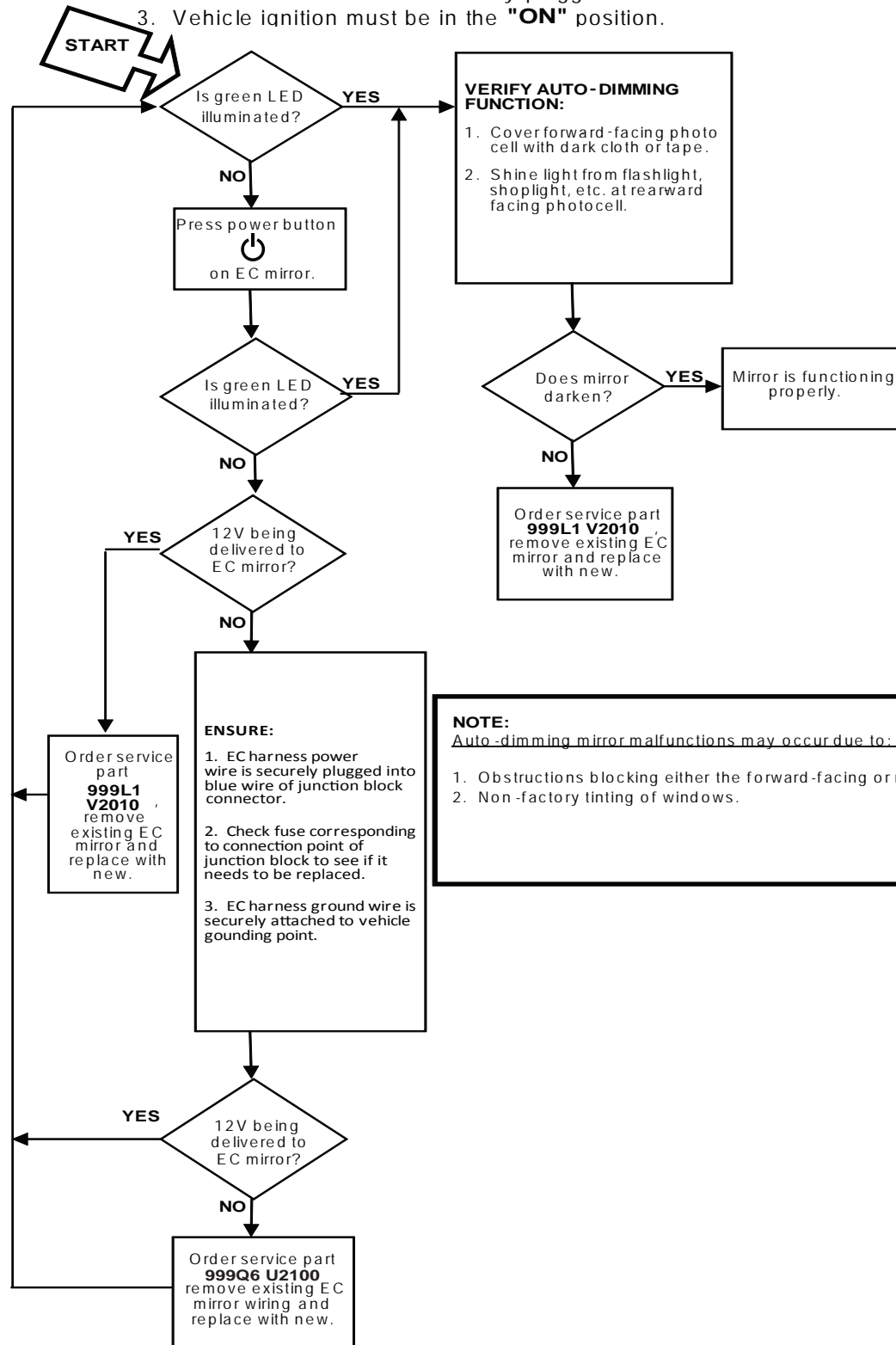
- Verify the camera is operating properly.
- Camera should meet the below performance requirements.



DIAGNOSTIC FLOW CHART:

Before attempting to trouble-shoot EC mirror Auto-Dimming function, ensure the following:

1. Mirror is manufactured by **Gentex Corporation** (the letters GNTX will be etched onto the back of the mirror and the compass display window will be in the mirror glass).
2. EC mirror harness must be fully plugged into EC mirror.
3. Vehicle ignition must be in the **"ON"** position.



NOTE:
Auto-dimming mirror malfunctions may occur due to: _____

1. Obstructions blocking either the forward-facing or rearward-facing photo-cells.
2. Non -factory tinting of windows.

DIAGNOSTIC FLOW CHART:

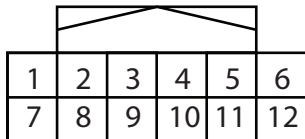
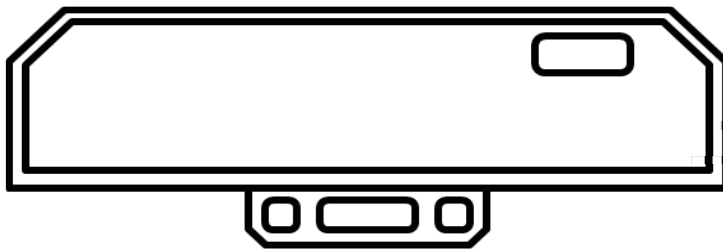
EC MIRROR KIT

PASSENGER SIDE
CONNECTOR

ACCY_SER_CONN



EC MIRROR



Note: Pin location is referenced looking into wire side of connector.

