

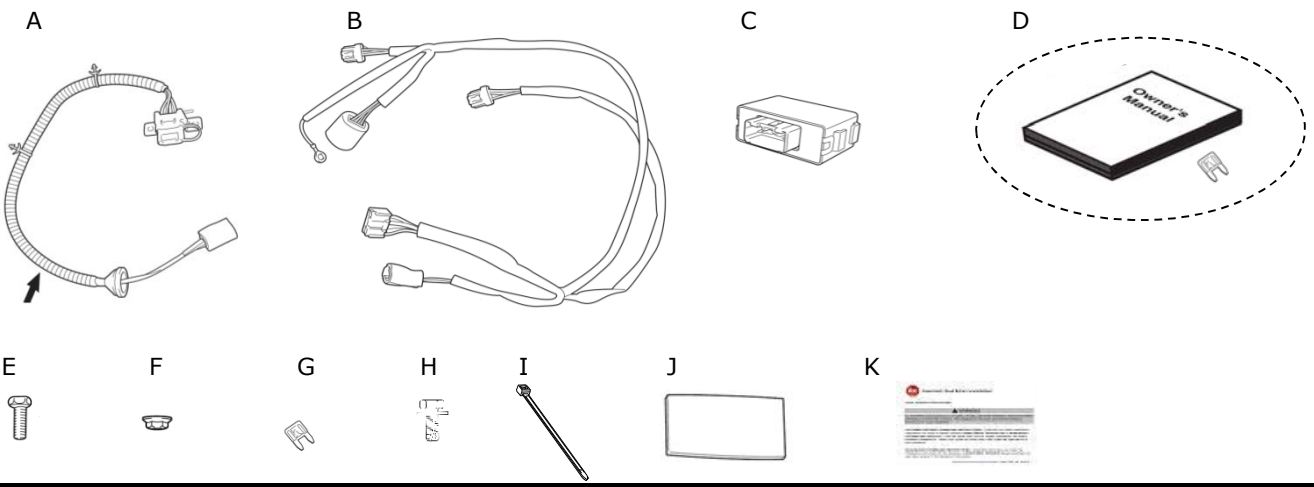


# GENUINE PARTS

## INSTALLATION INSTRUCTIONS

<b>1 DESCRIPTION:</b>	<b>Trailer Tow Harness</b>
<b>2 APPLICATION:</b>	<b>Nissan Rogue</b>
<b>3 PART NUMBER:</b>	<b>999T8 G2000</b>

<b>4 KIT CONTENTS: 999T8 G2000</b>			
Item	Qty.	Part Description	Service Part Number
A	1	Exterior Harness	999T8 G2000S1
B	1	Interior Harness	N/A
C	1	Convertor	999T8 NW000S1
D	1	Owners Manual Kit	N/A
E	2	M5 Bolt	N/A
F	2	M5 Nut	N/A
G	1	30 A Mini Fuse	N/A
H	1	Ground Bolt	N/A
I	9	Tie Wrap	N/A
J	1	Gray Urethane	N/A
K	1	Installation Instructions Replacement Template	999V2 AW000
L	N/A	Installation Instructions	999T8 G2000II



<b>5 TOOLS REQUIRED:</b>		
<ul style="list-style-type: none"> <li>• Nylon Trim Tool</li> <li>• Flash Light</li> <li>• Small Screw driver</li> <li>• Plastic clip removal tool</li> </ul>	<ul style="list-style-type: none"> <li>• 3/8" Dr Ratchet</li> <li>• Sockets 10mm, 14mm</li> <li>• 3/8" Dr Torque Wrench (In/lbs.)</li> <li>• 3/8" Dr Medium Length Extension</li> </ul>	<ul style="list-style-type: none"> <li>• 1/4" Dr Ratchet</li> <li>• 1/4" Sockets 8mm</li> <li>• 8mm Wrench</li> </ul>

<b>SPECIALTY TOOLS REQUIRED:</b>		
<ul style="list-style-type: none"> <li>• Drill Motor</li> <li>• Isopropyl alcohol</li> <li>• Soap and Water</li> <li>• 30mm Step Drill Bit</li> </ul>	<ul style="list-style-type: none"> <li>• Measuring tape</li> <li>• Shop Vacuum</li> <li>• Center punch</li> <li>• Part # 999MP 9G001P Genuine Nissan Wax Sealer</li> </ul>	<ul style="list-style-type: none"> <li>• Trailer Harness Tester (if available)</li> </ul>

**INSTALLATION PROCEDURE: PRE-INSTALLATION CAUTIONS / NOTES**

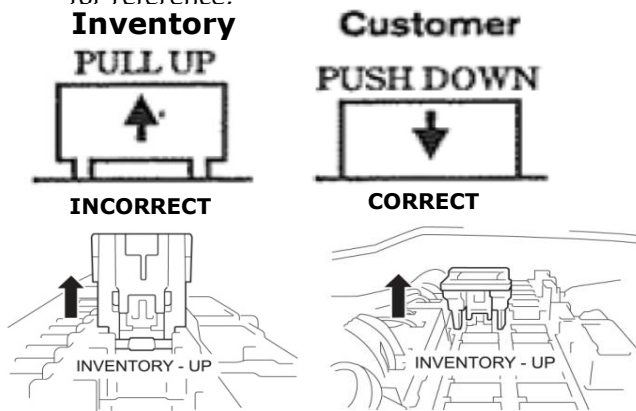
**⚠ CAUTION**

- Dealer Installation Recommended. Instructions refer to Service Manual.
  - Please read this instruction carefully before installing this product for correct installation.
  - Please DO NOT use or install the part in ways other than what is described in this instruction manual.
  - If problem occurs during installation, please contact Nissan dealer where you purchased the product.
- 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 the 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



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.**

**⚠ CAUTION**

- Make sure the ignition is "OFF" before changing the switch position.

Condition	Switch Position	Note
Vehicle is delivered to the dealer	Inventory Condition	
Technician performs PDI	Customer Delivery	Return switch to Inventory position after PDI.
Customer test drives the vehicle	Customer Delivery	Return switch to Inventory position after test drive.
Vehicle is being stored at the dealer	Inventory Condition	
Vehicle is sold and delivered to customer	Customer Delivery	

**NOTE: The Extended Storage Switch is only an aid to improve battery life during vehicle storage at the dealer. If the Extended Storage Switch fuse ever needs service after vehicle delivery, discard the Extended Storage Switch and install the correct fuse in its place.**

- 3) Turn ignition switch to "ON" position
- 4) Record the customer radio presets and other presets as required

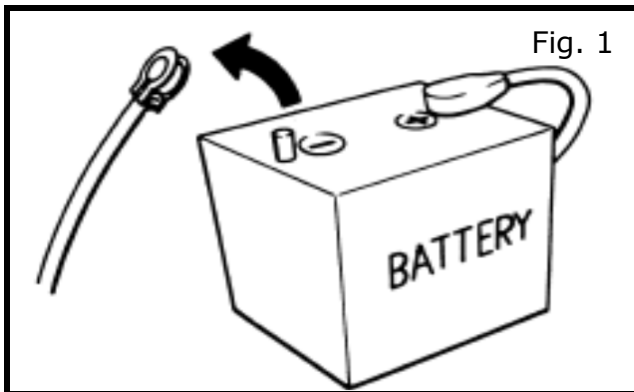
Preset	1	2	3	4	5	6		

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

## INSTALLATION PROCEDURE: PRE-INSTALLATION CAUTIONS / NOTES

### **⚠ CAUTION**

- Allow 3 min after key off and doors closed for vehicle to time out. Allow an additional 3 min after negative terminal dis-connect before separating any electrical connectors.



- 7) Disconnect the negative battery terminal as shown in Fig. 1.
- 8) Use seat and floor protection.
- 9) This part is to be installed at surface temperature of 65-100 deg.F.

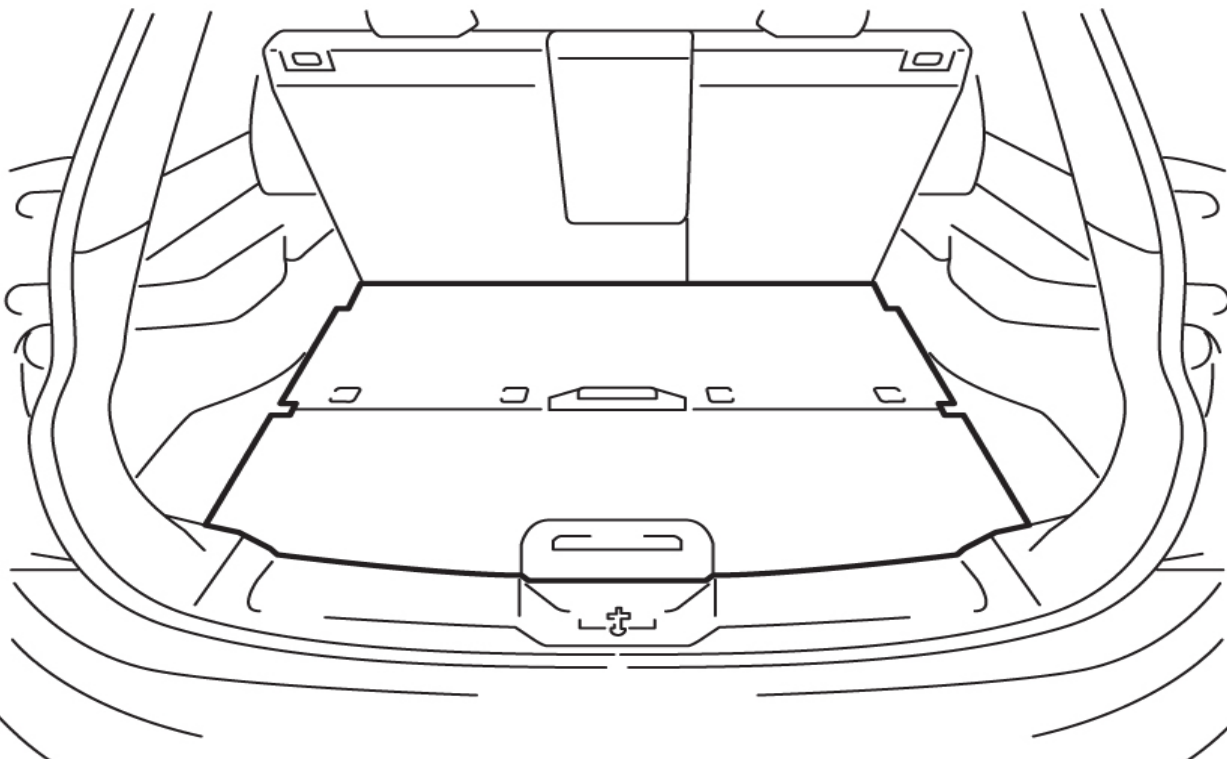
### **⚠ CAUTION**

- Take care not to scratch or damage any component during the removal or re-installation.
- Trim pieces found to have witness marks or broken clips are not to be reinstalled.
- Additional items in cargo area may need to be removed.
- Always remove vehicle parts in the sequence shown, improper procedure can damage parts.
- Store removed parts in a safe and protected manner.

#### INSTALLATION OVERVIEW:

#### 2 Row Overview

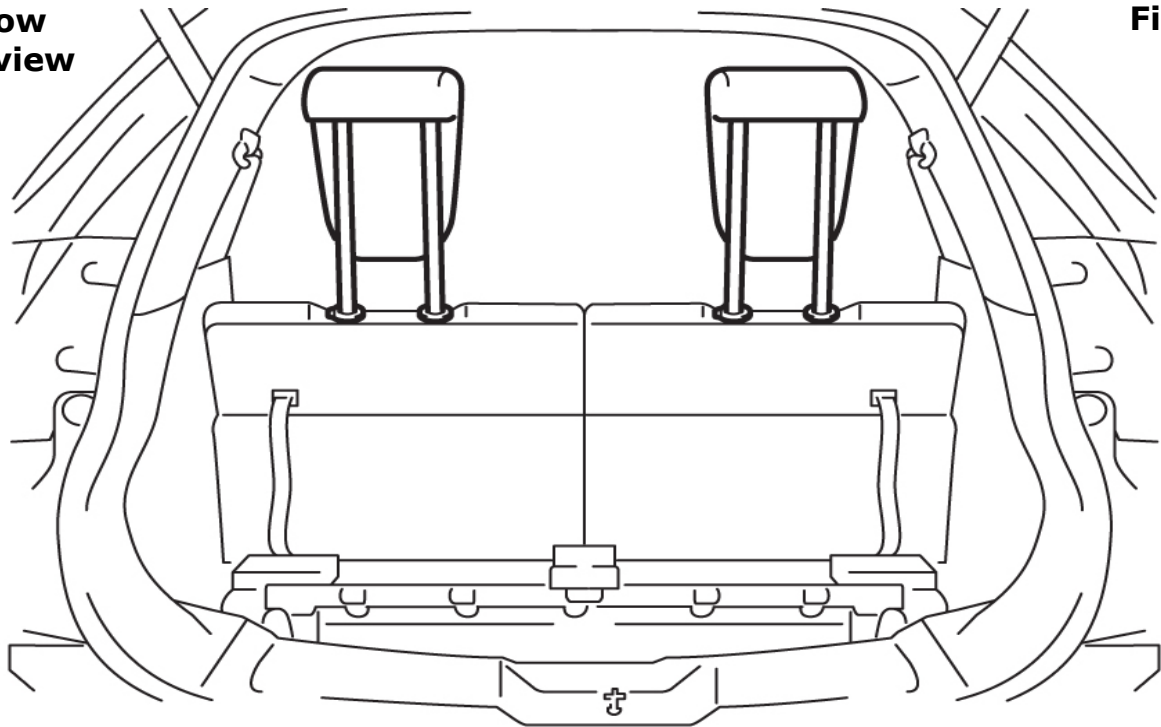
Fig. 2



**INSTALLATION OVERVIEW:**

**3 Row  
Overview**

**Fig. 3**

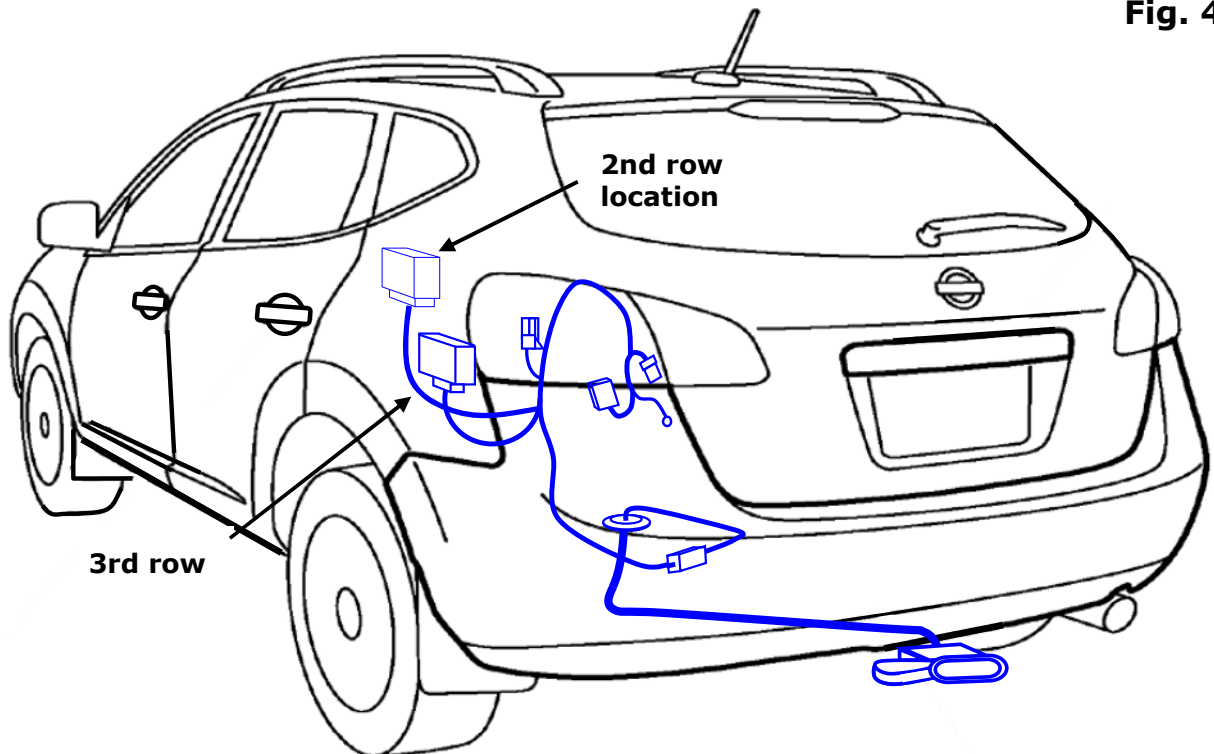


**⚠ CAUTION**

- Any description of vehicle wiring color is for reference only.
- Always refer to vehicle wiring diagram for details.

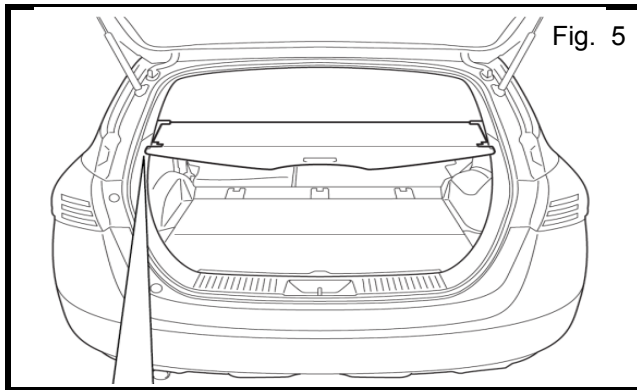
3) Routing

**Fig. 4**



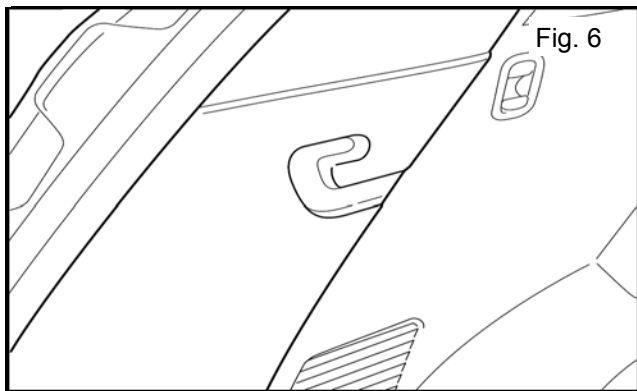
**INSTALLATION PROCEDURE: VEHICLE PARTS REMOVAL**

**Pages 5a thru 16a covers 2 row models only. For 3 row models proceed to page 5b.**

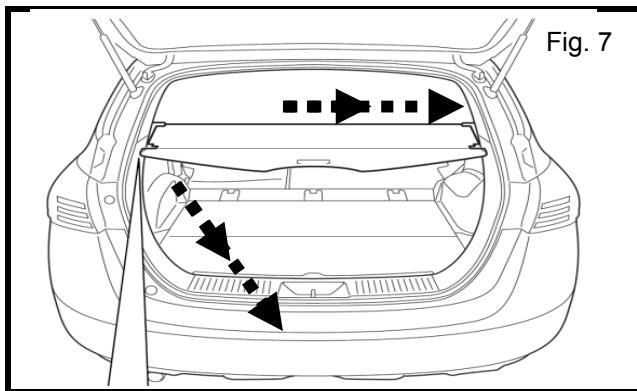


- 1) Removing the package cover (if in use).
  - a) Open liftgate to access cargo area as in Fig. 5.

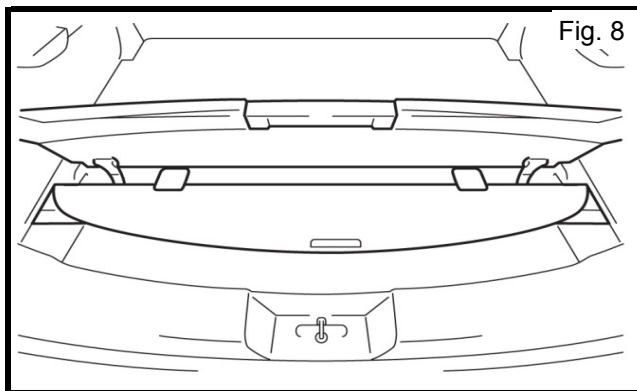
**NOTE: Package cover may be in storage compartment, if so skip to step 4.**



- 2) Removing the package cover (if in use).
  - a) Unhook and retract the package cover as shown in Fig. 6.



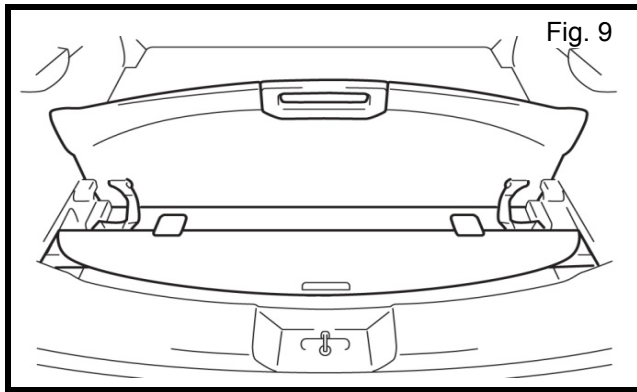
- 3) Removing the package cover (if in use).
  - a) Grasp the package cover with both hands and slide the whole assembly to the RH side of the vehicle to collapse and then pull towards the rear of the vehicle to release as shown in Fig. 7.



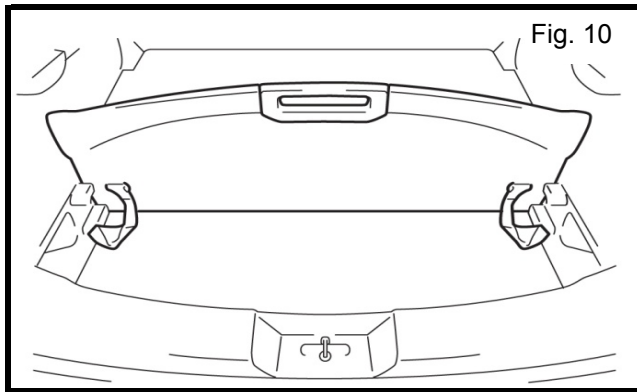
- 4) Removing the package cover (if in storage).
  - a) Gently open package cover storage compartment lid as shown in Fig. 8.

**INSTALLATION PROCEDURE: VEHICLE PARTS REMOVAL**

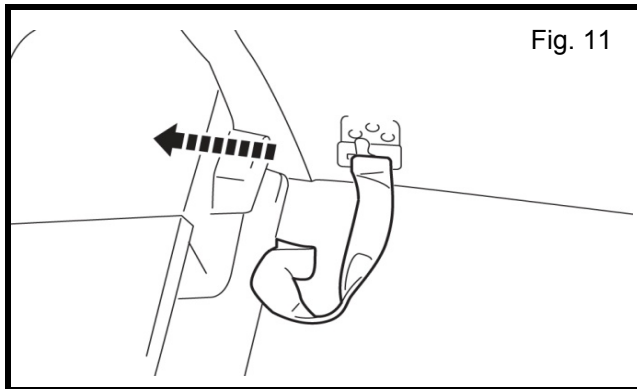
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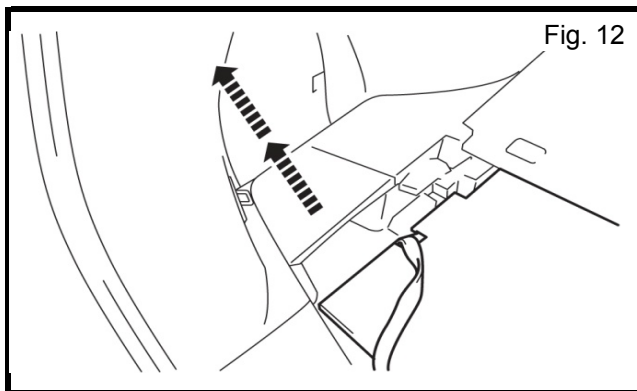
- 5) Removing the package cover (if in storage).
  - a) Gently open package cover storage compartment lid.
  - b) Remove cover storage compartment lid as shown in Fig. 9.



- 6) Removing cover storage compartment lid.
  - a) Place lid in holders as shown in Fig. 10.



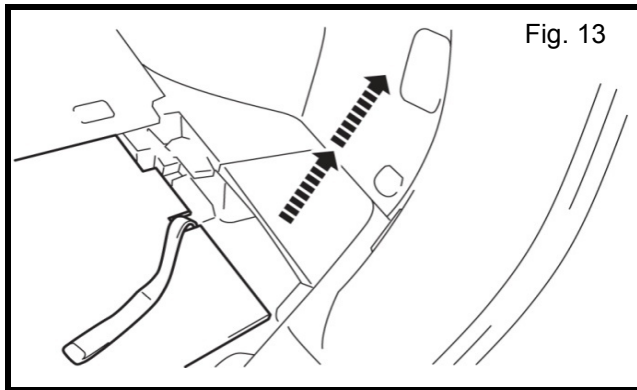
- 7) Removing cover storage compartment lid.
  - a) To remove cover storage compartment lid, locate straps at the outside edges as shown in Fig. and slide outwards.
  - b) Remove cover storage compartment lid as shown in Fig. 11.



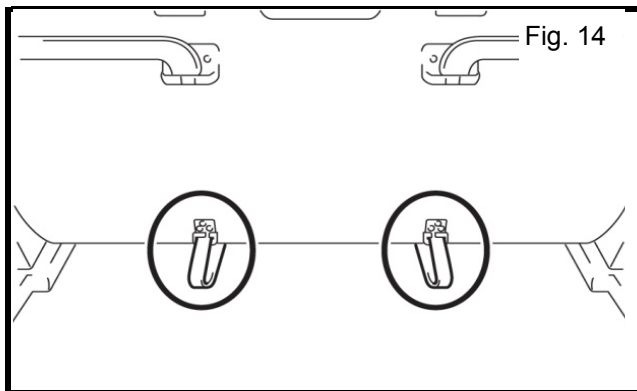
- 8) Removing cover storage compartment lid.
  - a) Remove LH trim piece as shown in Fig. 12.

**INSTALLATION PROCEDURE: VEHICLE PARTS REMOVAL**

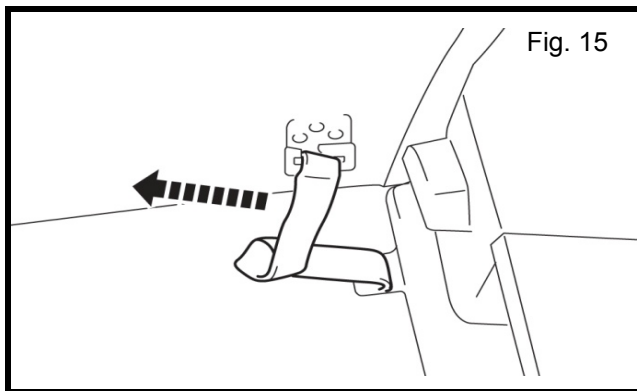
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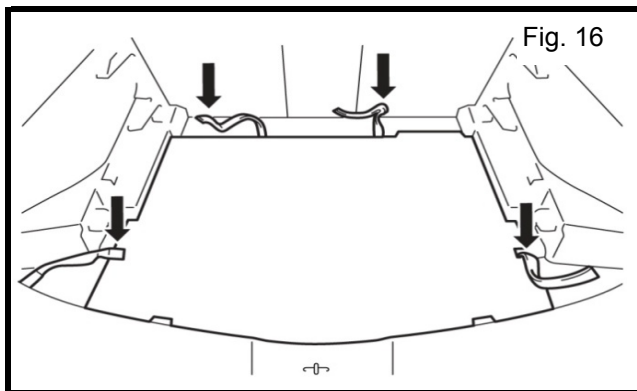
- 9) Removing the package cover.  
a) Remove LH trim piece as shown in Fig. 13.



- 10) Removing the package cover.  
a) Place lid holders as shown in Fig. 14.  
b) To remove storage compartment lid, locate straps along the bottom edges as shown in Fig. 14.



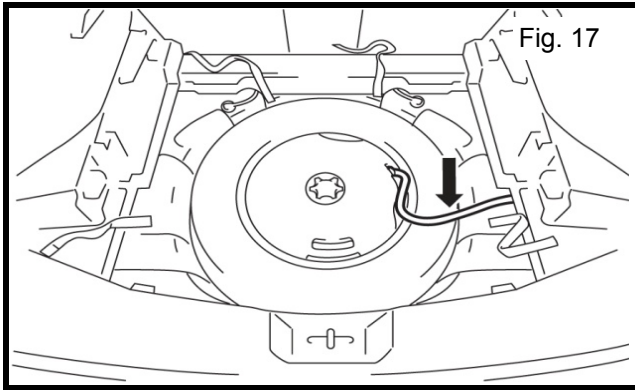
- 11) Removing the package cover (if in use).  
a) To remove cover storage compartment lid, locate straps at the outside edges as shown in Fig. 15 and slide outwards.  
b) Remove cover storage compartment as shown in Fig. 15.



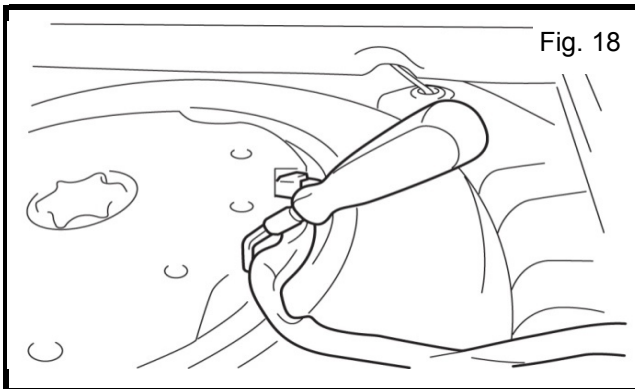
- 12) Removing spare tire cover subwoofer .  
a) Make sure all four (4) straps are clear of the spare tire cover and remove it as shown in Fig. 16.



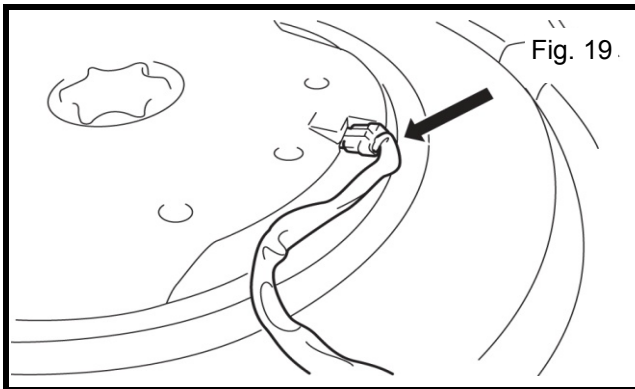
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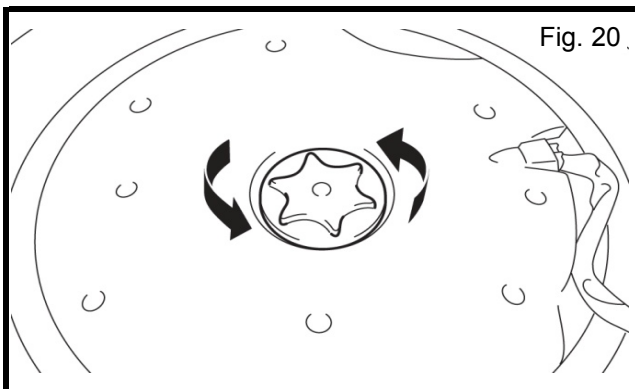
- 13) Removing subwoofer (if equipped).
  - a) Locate the subwoofer harness coming from the RH side of the vehicle as shown in Fig. 17.



- 14) Removing subwoofer (if equipped).
  - a) Remove the clip on harness from the side of subwoofer as shown in Fig. 18.



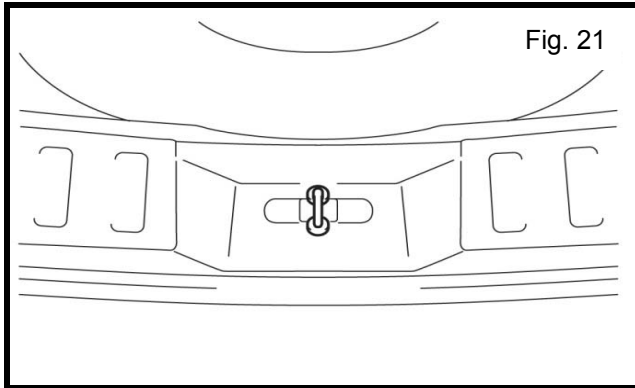
- 15) Removing subwoofer (if equipped).
  - a) Remove the connector from the side of subwoofer as shown in Fig. 19.



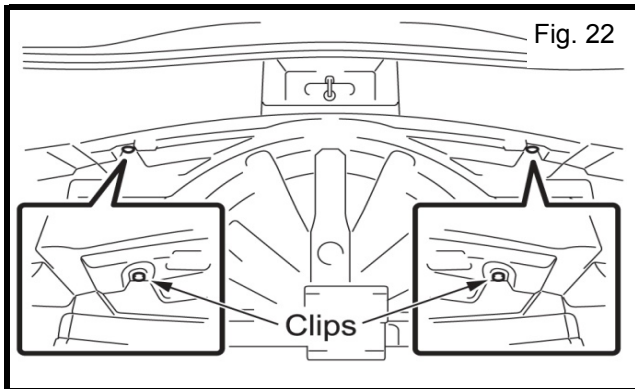
- 16) Removing subwoofer (if equipped).
  - a) Remove the subwoofer hold down by turning counterclockwise until free as shown in Fig. 20.
  - b) Remove the subwoofer and store in a safe area to prevent any damage to the unit as shown in Fig. 20.



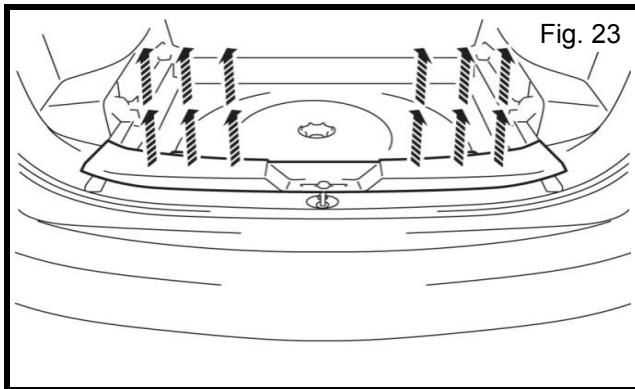
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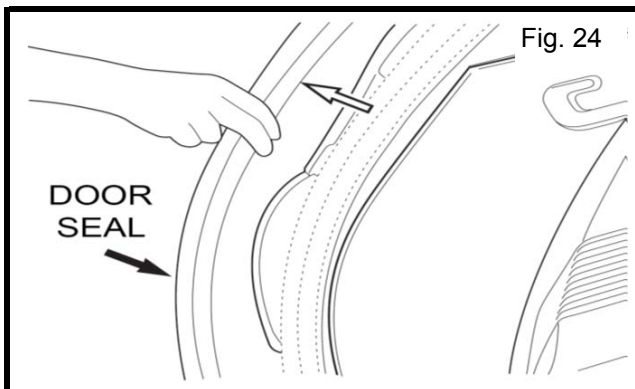
- 17) Removing back door sill trim.
  - a) Remove striker trim piece with nylon trim tool as shown in Fig. 21.



- 18) Removing back door sill trim.
  - a) Remove the two (2) clips on the inside of the sill plate as shown in Fig. 22.



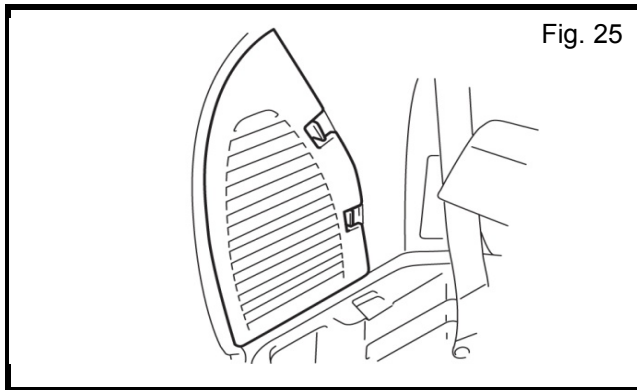
- 19) Removing back door sill trim.
  - a) There are six (6) trim clips retaining the panel gently pry upwards with trim removal tool as shown in Fig. 23.



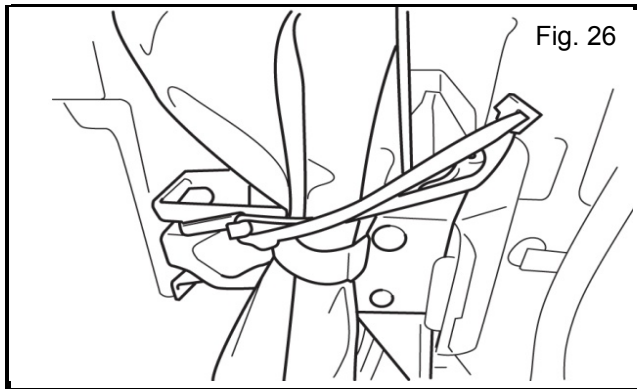
- 20) Removing rear bulb seal.
  - a) Carefully remove the bulb seal along the bottom and LH side of back door as shown in Fig. 24.

**INSTALLATION PROCEDURE: VEHICLE PARTS REMOVAL**

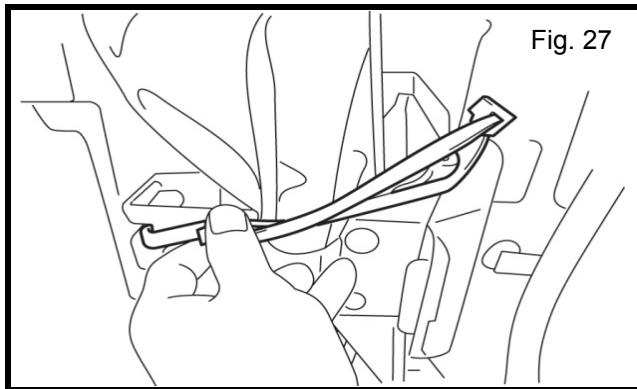
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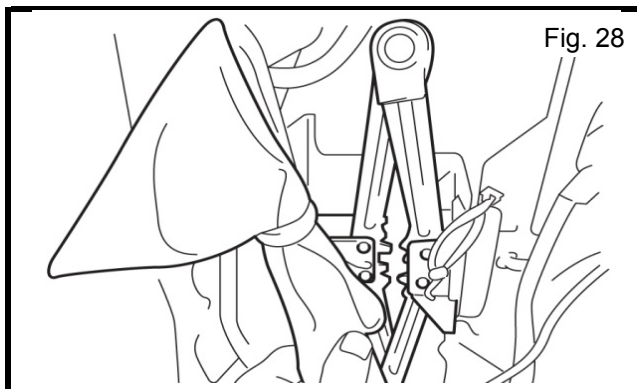
- 21) Removing the Jack and Tool Kit.
  - a) Remove jack storage cover as shown in Fig. 25.



- 22) Removing the Jack and Tool Kit.
  - a) Locate the elastomer band and hook holding the jack in place as shown in Fig. 26.



- 23) Removing the Jack and Tool Kit.
  - a) Remove the elastomer band and hook from the jack as shown in Fig. 27.



- 24) Removing the Jack and Tool Kit.
  - a) Remove the tool kit from the storage compartment as shown in Fig. 28.

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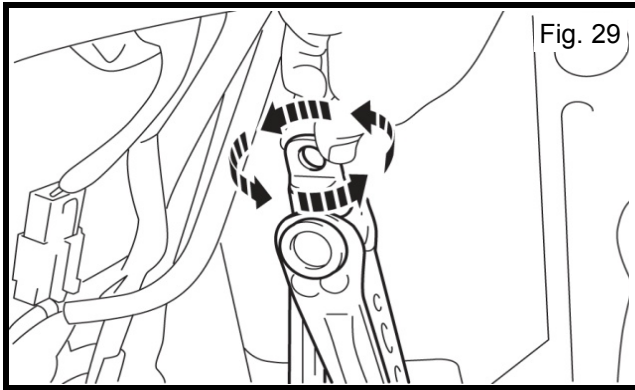


Fig. 29

- 25) Removing the Jack and Tool Kit.
  - a) Loosen the jack by turning the scissor mechanism counterclockwise to release as shown in Fig. 29.
  - b) Remove the jack from the storage compartment as shown in Fig. 29.

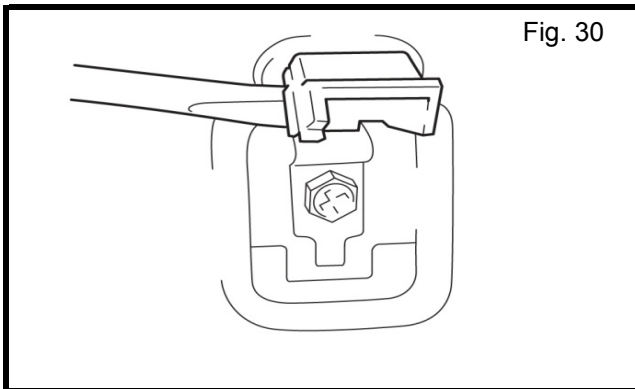


Fig. 30

- 26) Removing cargo hooks and trim retention bolts.
  - a) Gently pry cargo hook cover up with trim tool as shown in Fig. 30.

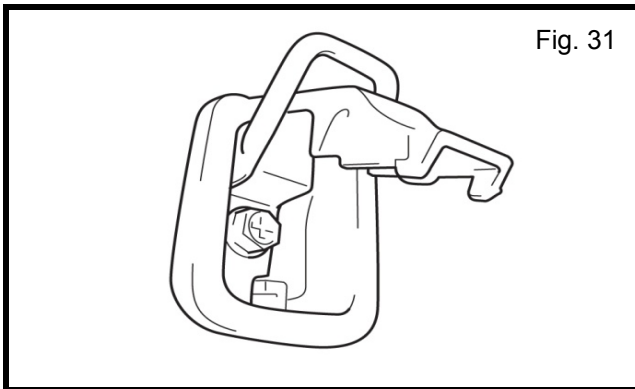


Fig. 31

- 27) Removing cargo hooks and trim retention bolts.
  - a) Using a 10mm socket loosen the bolt in the cargo hook. Bolt is integral to hook and should not be separated from it as shown in Fig. 31.

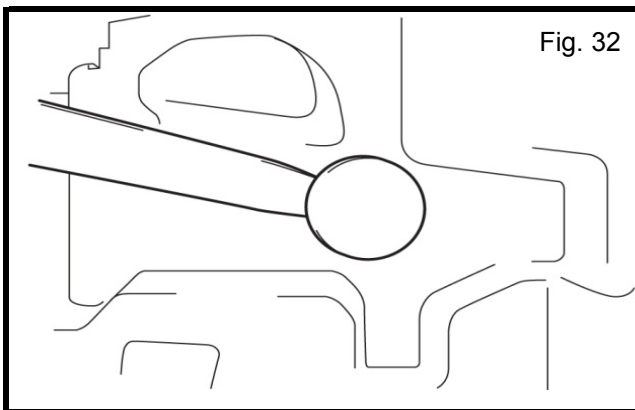
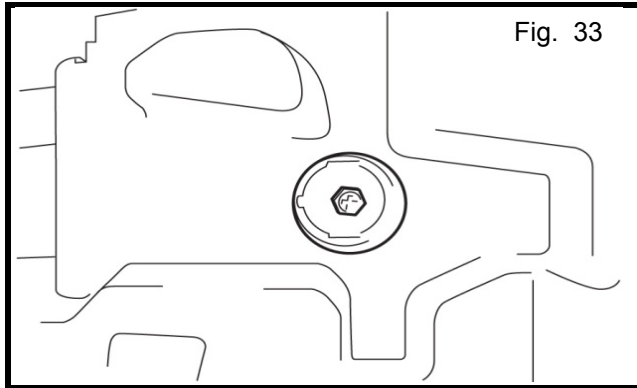


Fig. 32

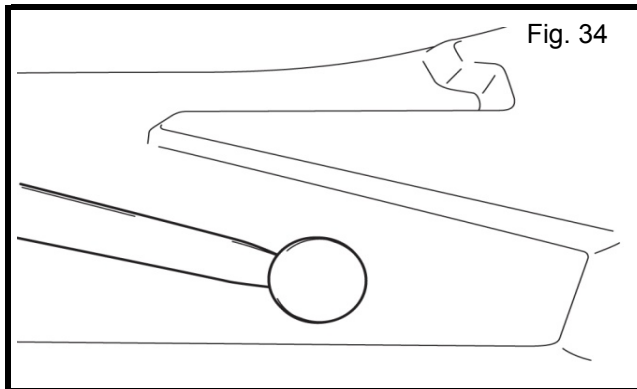
- 28) Removing cargo hooks and trim retention bolts.
  - a) Locate the fastener cover closest to the rear of the vehicle (there are two) as shown in Fig. 32.
  - b) Remove the fastener cover using a nylon trim tool as shown in Fig. 32.

**INSTALLATION PROCEDURE: VEHICLE PARTS REMOVAL**

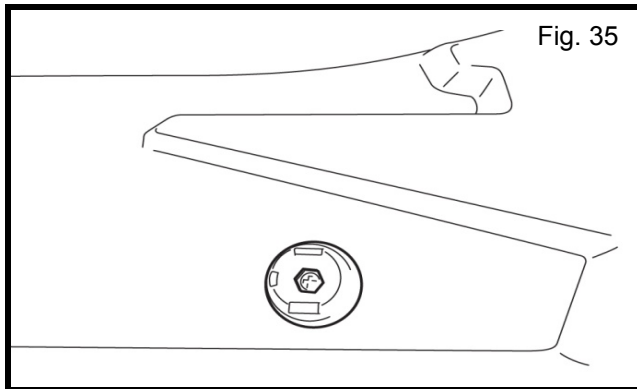
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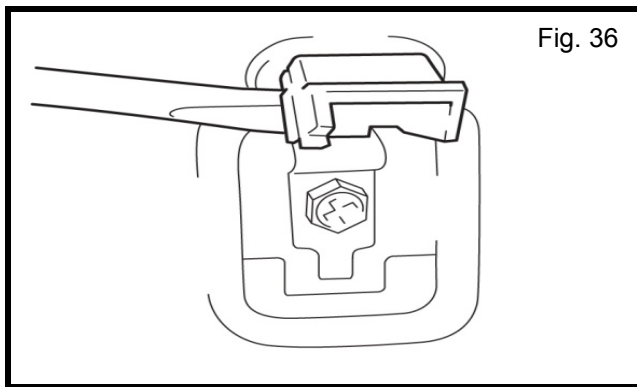
- 29) Removing cargo hooks and trim retention bolts.  
a) Using a 10mm socket remove the bolt as shown in Fig. 33.



- 30) Removing cargo hooks and trim retention bolts.  
a) Locate the fastener cover closest to the 2nd row of seats as shown in Fig. 34.

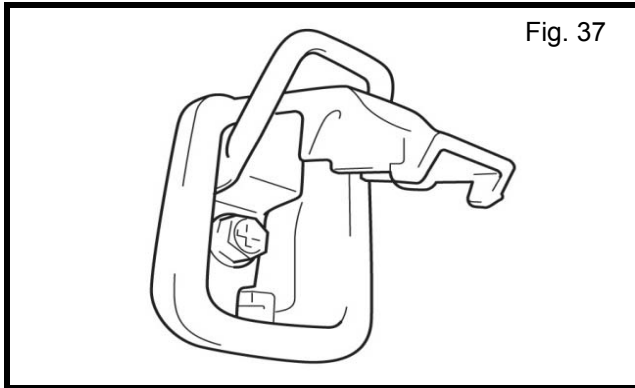


- 31) Removing cargo hooks and trim retention bolts.  
a) Using a 10mm socket remove the bolt as shown in Fig. 35.

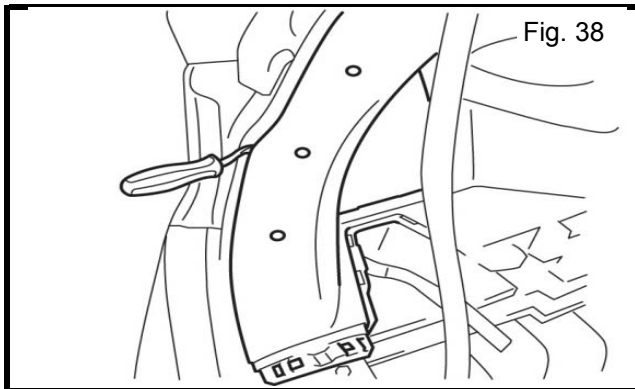


- 32) Removing D pillar trim fasteners.  
a) On two row vehicles there is an additional cargo hook that needs to be removed directly above this bolt as shown in Fig. 36.  
b) Gently pry cargo hook cover up with trim tool as shown in Fig. 36.

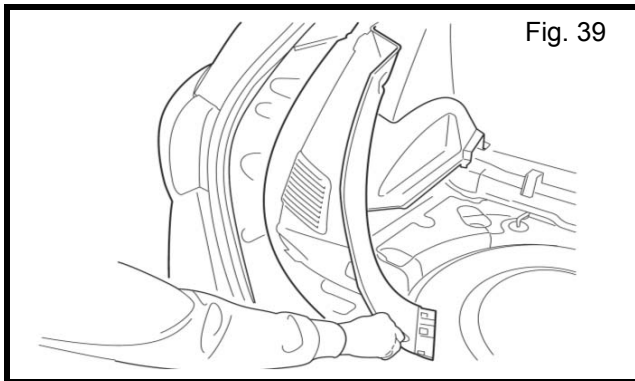
**Pages 5a thru 16a covers 2 row models only. For 3 row models proceed to page 5b.**



- 33) Removing additional cargo hook.
- a) Using a 10mm socket loosen the bolt in the cargo hook. Bolt is integral to hook and should not be separated from it as shown in Fig. 37.



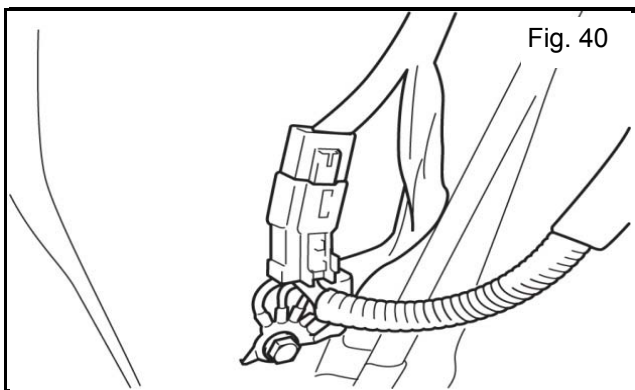
- 34) Loosening lower D-pillar trim
- a) There are three (3) trim clips to loosen before gently prying in towards the interior of the vehicle as shown in Fig. 38.



- 35) Loosening lower D-pillar trim
- a) Gently move the trim panel away from the body as shown in Fig. 39

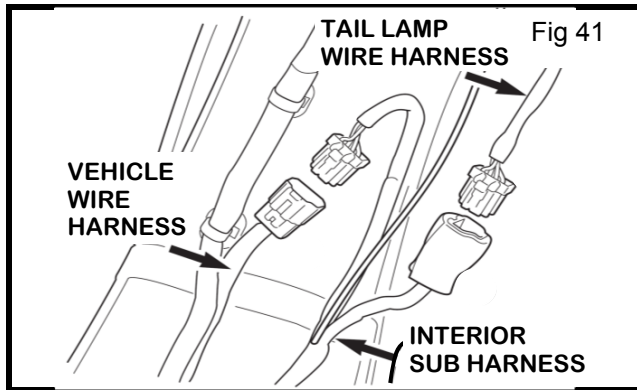
**⚠ CAUTION**

- Be careful not to stress or crease the panel.
- Take care not to lose any of the panel clips.



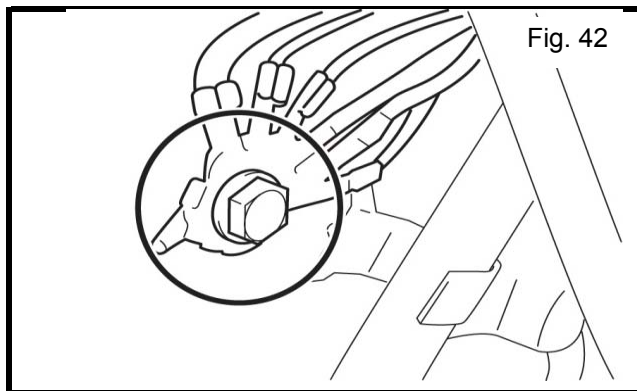
- 36) Interior Sub Harness Installation
- a) Disconnect the LH side 4-pin tail lamp connector as shown in Fig. 40.

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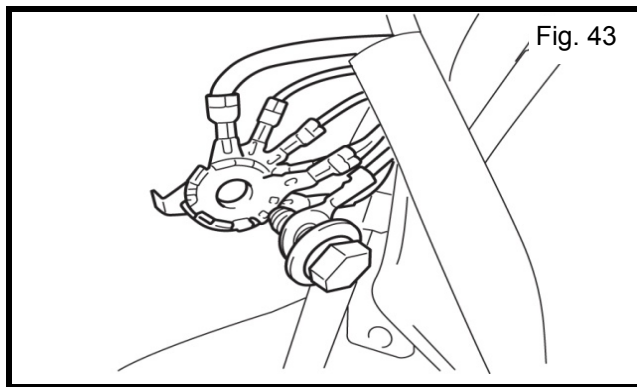


- 37) Interior Sub Harness Installation
- Install interior trailer harness inline with vehicle harness as shown in Fig. 41.

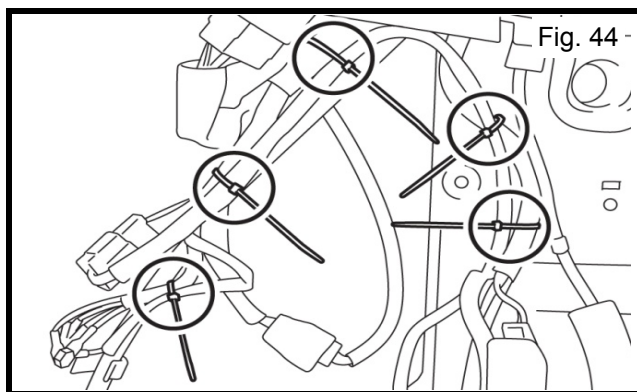
**Critical Steps:** The following steps are critical and must be performed **Exactly** as specified to ensure proper installation.



- 38) Interior Sub Harness Installation
- Remove and discard the original 10mm ground bolt as shown in Fig. 42.



- 39) Interior Sub Harness Installation
- Secure the interior trailer harness ground wire to cluster with special self-tapping ground bolt (M6 X 16) supplied in the kit shown in Fig. 43.
  - Using a 10mm socket and torque wrench, torque the special self-tapping ground bolt to 8.0 Nm .



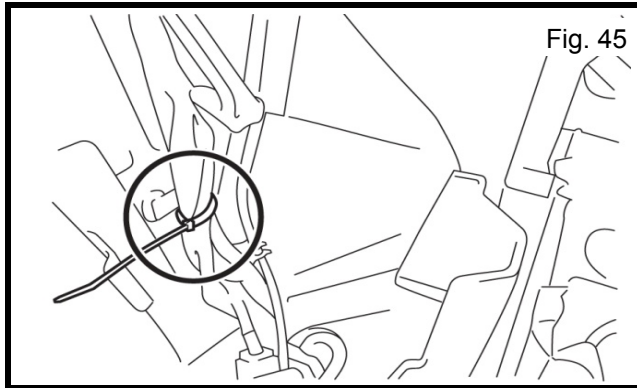
- 40) Interior Sub Harness Installation
- Place the five (5) cable ties loosely to main harness as shown in Fig. 44.

**NOTE:** It is recommended to keep cable ties loose until entire sub harness has been routed to allow for final adjustment.

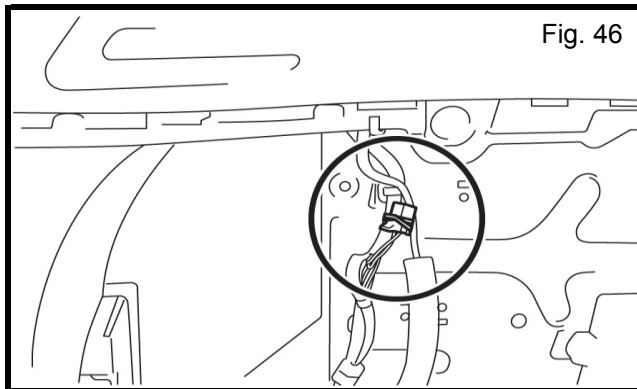


**INSTALLATION PROCEDURE: VEHICLE PARTS REMOVAL**

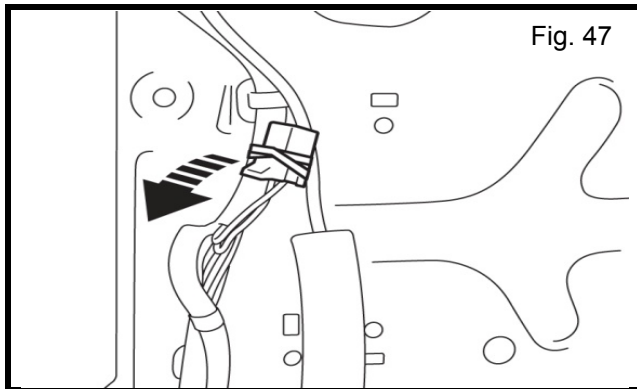
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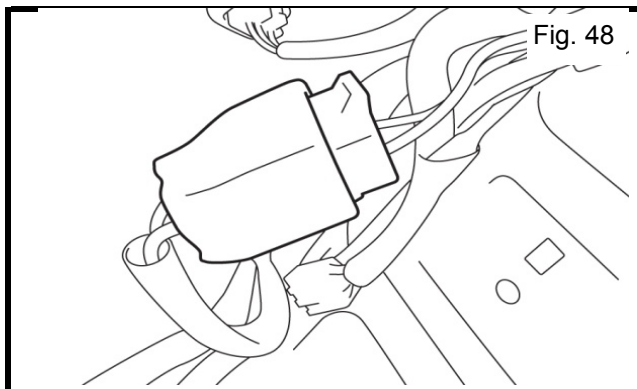
- 41) Interior Sub Harness Installation
- a) Continue to route sub harness down along main hanress, secure with one (1) additional tie wrap as shown in Fig. 45.



- 42) Interior Sub Harness Installation
- a) Continue to route interior sub harness along main harness, secure with one (1) cable tie as shown in Fig. 46.
  - b) Locate pre wire connector on the RH side of jack opening as shown in Fig. 46.



- 43) Interior Sub Harness Installation
- a) It is held in place with tear away tape. Grasp firmly and gently pull free as shown in Fig. 47.

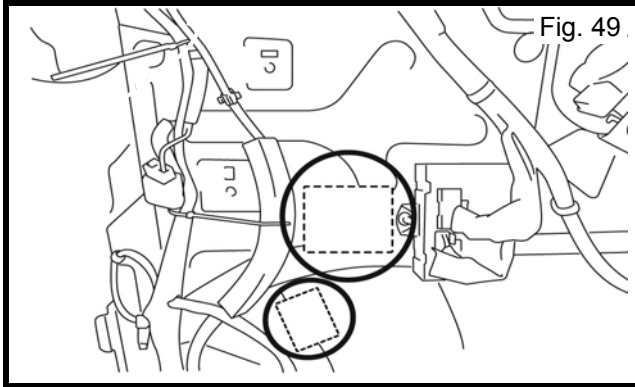


- 44) Interior Sub Harness Installation
- a) Connect interior sub harness to vehicle harness pre wire connector as shown in Fig. 48.

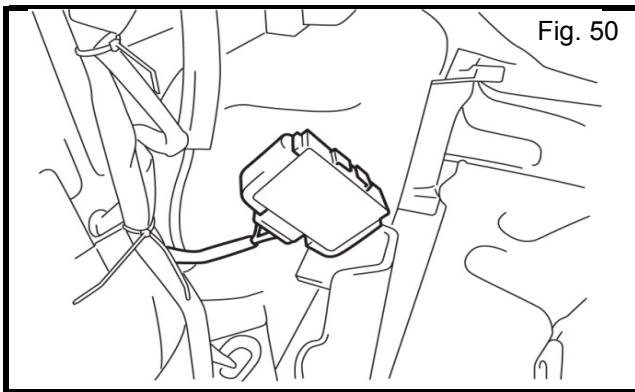


**INSTALLATION PROCEDURE: VEHICLE PARTS REMOVAL**

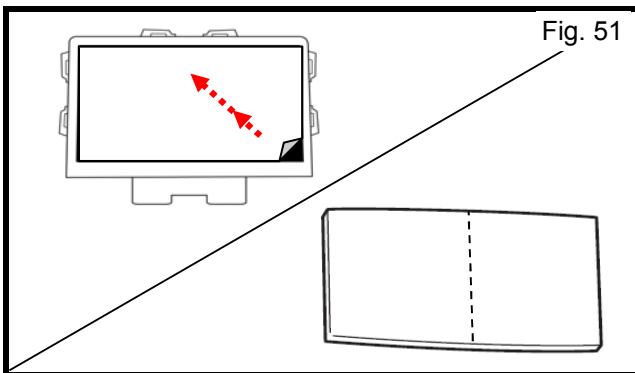
**Pages 5a thru 16a covers 2 row models only. For 3 row models proceed to page 5b.**



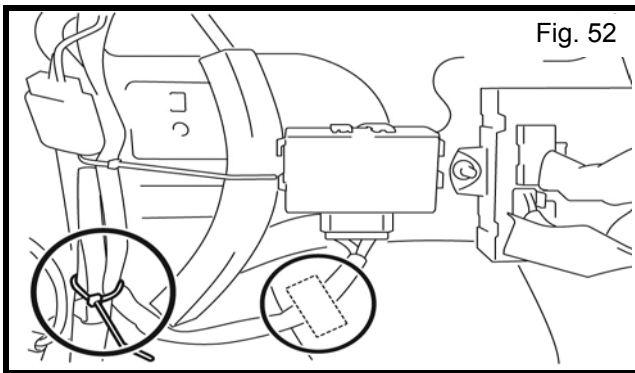
- 45) Converter Installation  
a) Prep the areas shown with Isopropyl alcohol as shown in Fig. 49.



- 46) Converter Installation  
a) Plug the converter module into the interior sub harness as shown in Fig. 50.



- 47) Converter Installation  
a) Peel the protective film off of the adhesive square on the converter as shown in Fig. 51.  
b) Cut urethane tape (Item J) in half along the width as shown in Fig. 51.



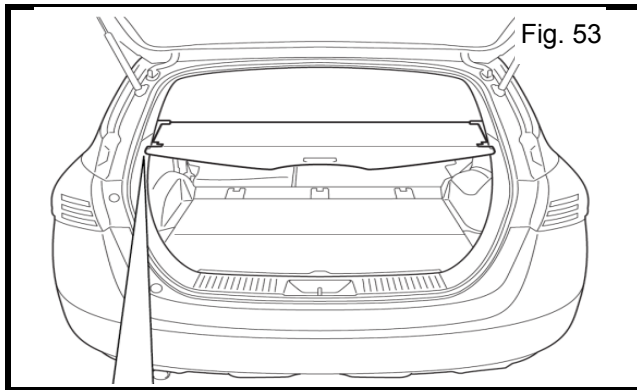
- 48) Interior Sub Harness & Converter Installation  
a) Press the converter firmly into place, to ensure even contact to the body as shown in Fig. 52.  
b) Secure converter harness to the body with 1 piece of urethane tape as shown in fig. 52.  
c) Continue routing interior sub harness along main harness, secure with one (1) cable tie as shown in Fig. 52.

**NOTE: Apply firm pressure for 10 - 15 seconds for proper tape adhesion.**

**Proceed to page 17 step 95.**

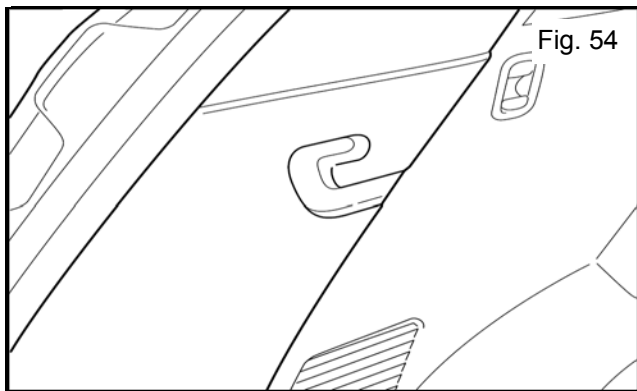
**INSTALLATION PROCEDURE: VEHICLE PARTS REMOVAL**

**Pages 5b thru 16b covers 3 row models only.**

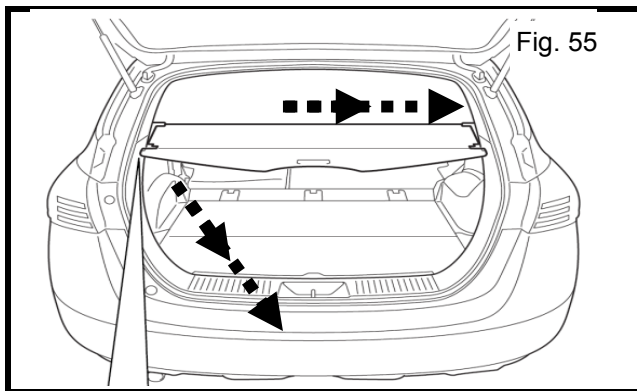


- 49) Removing the package cover (if in use).
- Open liftgate to access cargo area as shown in Fig. 53.

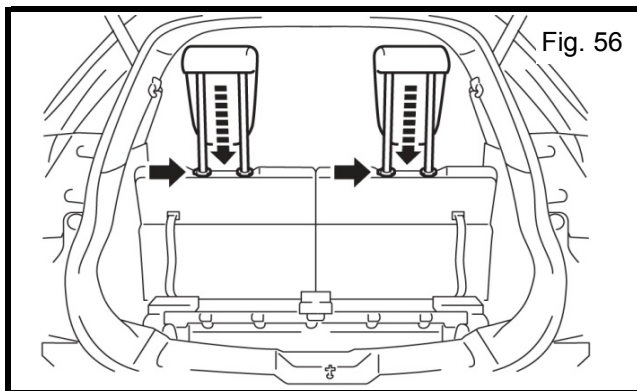
**NOTE: Package cover may be is storage compartment, if so skip to step 4.**



- 50) Removing the package cover (if in use).
- Unhook and retract the package cover as shown in Fig. 54.



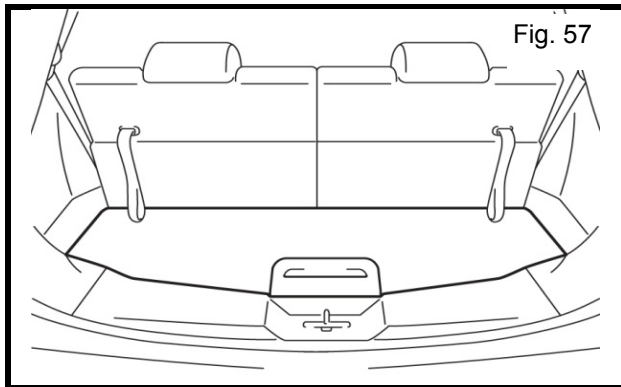
- 51) Removing the package cover (if in use).
- Grasp the package cover with both hands and slide the whole assembly to the RH side of the vehicle to collapse and then pull towards the rear of the vehicle.



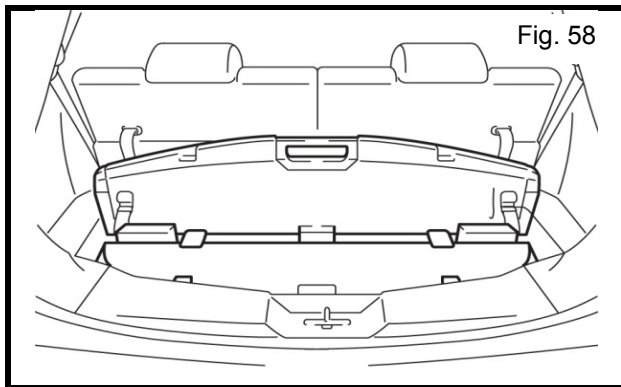
- 52) Folding down the 3rd row seats (if equipped).
- Push in the button at the base of the headrest and return the headrests to their fully retracted positions as shown in Fig. 56.

**INSTALLATION PROCEDURE: VEHICLE PARTS REMOVAL**

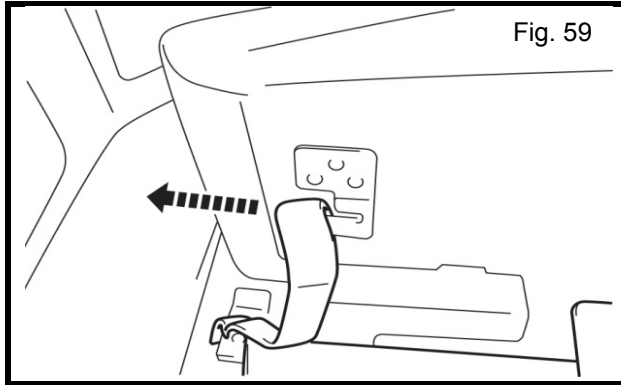
**Pages 5b thru 16b covers 3 row models only.**



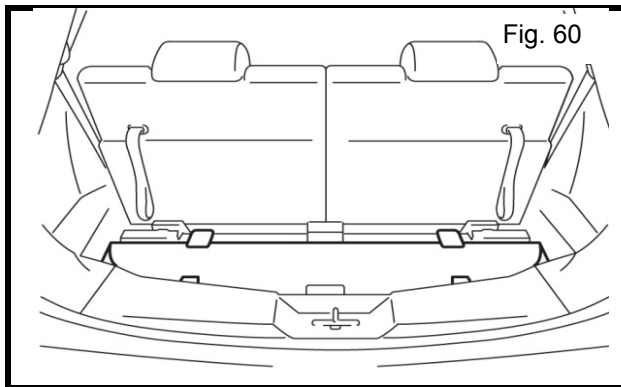
- 53) Folding down the 3rd row seats (if equipped).  
a) Gently open package cover storage compartment lid as shown in Fig. 57.



- 54) Folding down the 3rd row seats (con't).  
a) Place lid in holders as shown in Fig. 58.

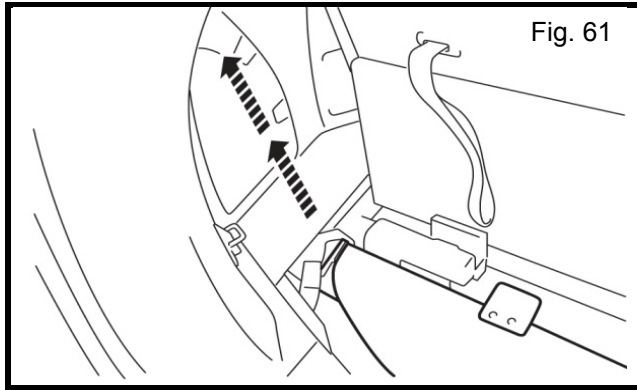


- 55) Folding down the 3rd row seats (con't).  
a) To remove cover storage compartment lid, locate straps at the outside edges as shown in Fig. 59 and slide outwards.

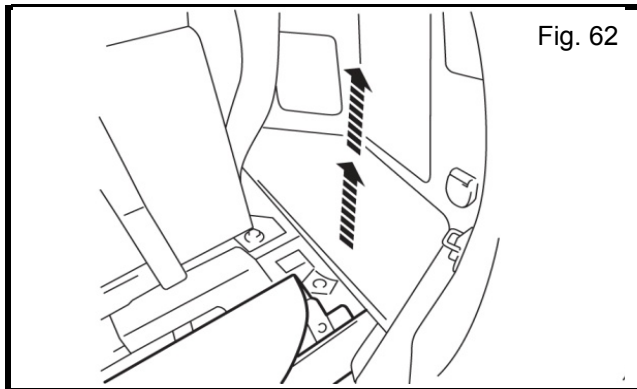


- 56) Folding down the 3rd row seats (con't).  
a) Remove cover storage compartment lid as shown in Fig. 60.

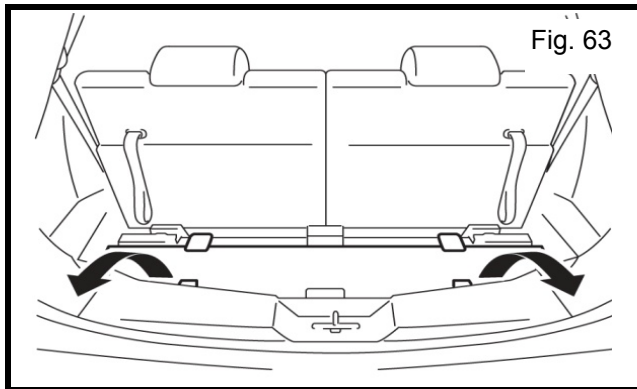
**Pages 5b thru 16b covers 3 row models only.**



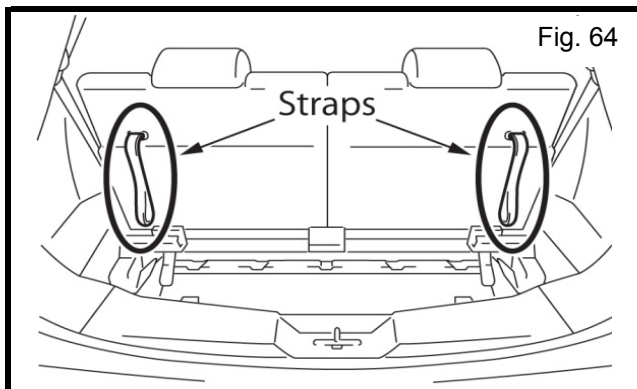
- 57) Folding down the 3rd row seats (con't).  
a) Remove LH trim piece as shown in Fig. 61.



- 58) Folding down the 3rd row seats (con't).  
a) Remove RH trim piece as shown in Fig. 62.

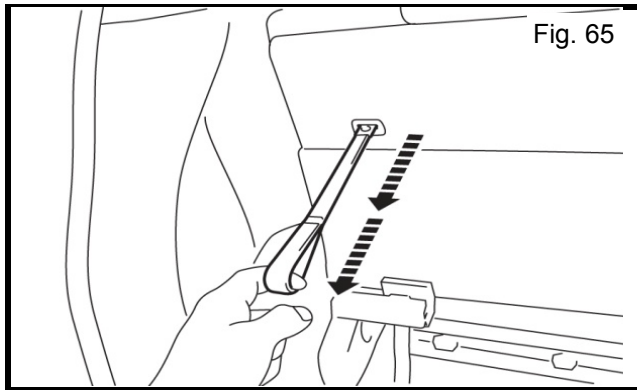


- 59) Folding down the 3rd row seats (con't).  
a) If package cover is in storage compartment remove it as shown in Fig. 63.

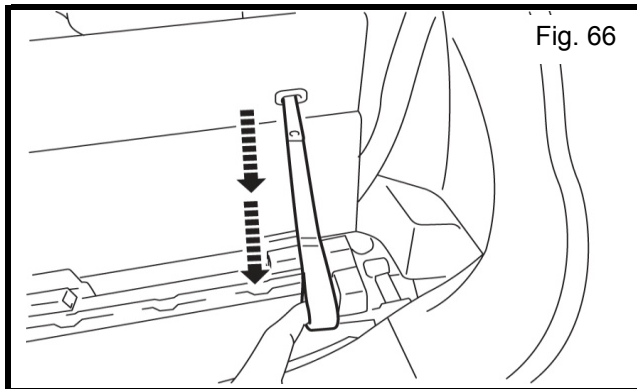


- 60) Folding down the 3rd row seats (con't).  
a) To fold down the 3rd row seat locate the strap on the outside edges of the seats as shown in Fig. 64.

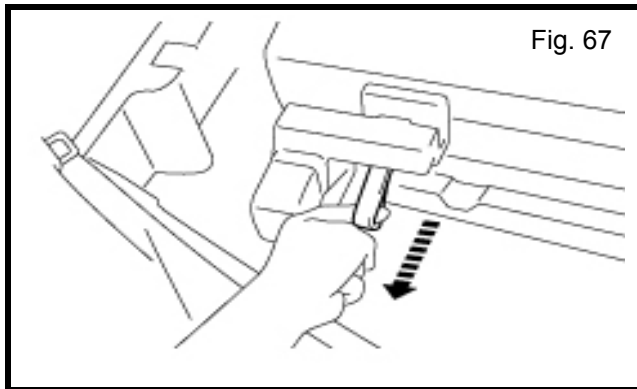
**Pages 5b thru 16b covers 3 row models only.**



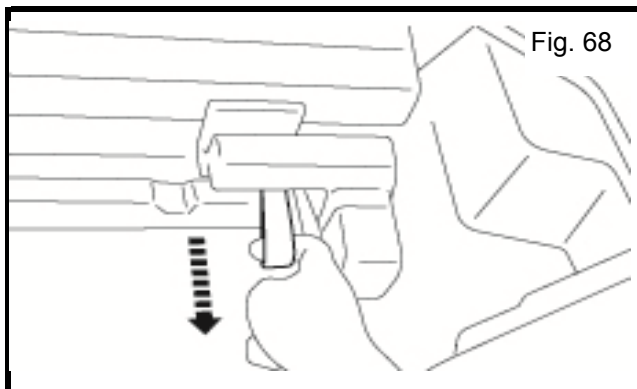
- 61) Folding down the 3rd row seats (con't).  
a) Pull the strap on LH seat towards the rear of vehicle while pushing forward on the seat unit folded flat as shown in Fig. 65.



- 62) Folding down the 3rd row seats (con't).  
a) Pull the strap on RH seat towards the rear of vehicle while pushing forward on the seat unit folded flat as shown in Fig. 66.

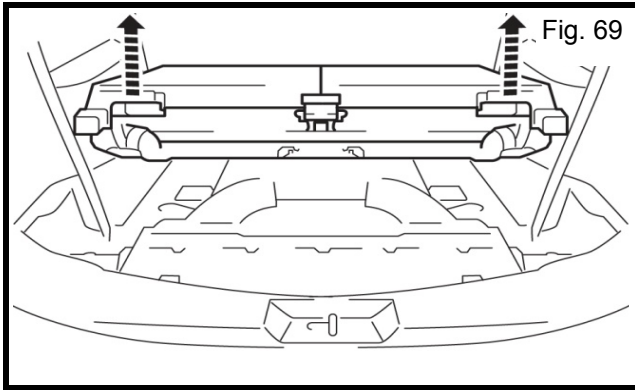


- 63) Raising the 3rd row seats (con't).  
a) To raise the 3rd row seat locate the strap on the LH side outside bottom edge of the seats as shown in Fig. 67.

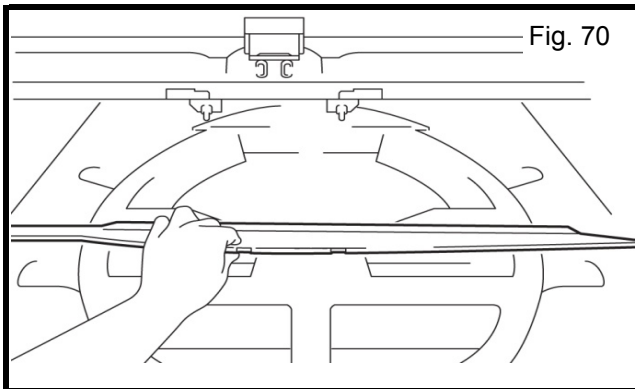


- 64) Raising the 3rd row seats (con't).  
a) To raise the 3rd row seat locate the strap on the RH outside bottom edge of the seats as shown in Fig. 68.

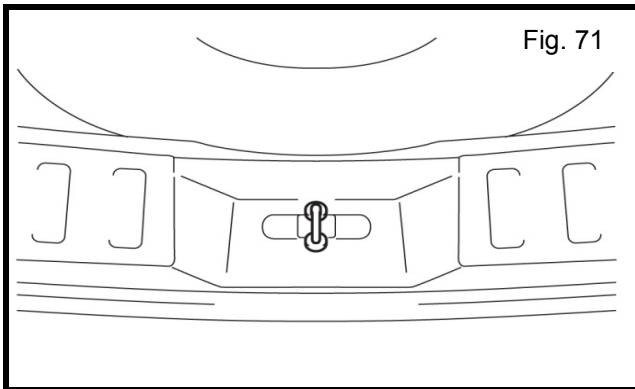
**Pages 5b thru 16b covers 3 row models only.**



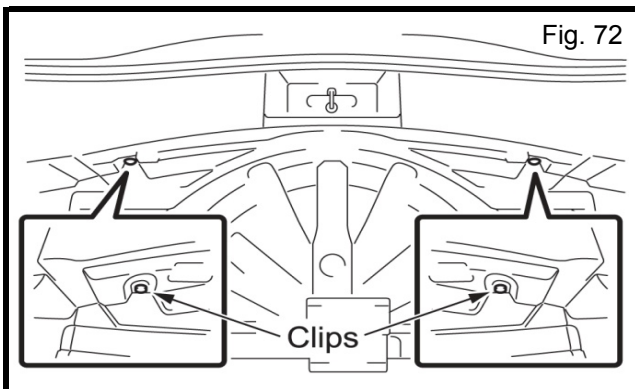
- 65) Raising the 3rd row seats (con't).
  - a) To raise the 3rd row seat pull both straps toward the rear of vehicle and upwards as shown in Fig. 69.



- 66) Removing spare tire cover.
  - a) Remove spare tire well cover as shown in Fig. 70.



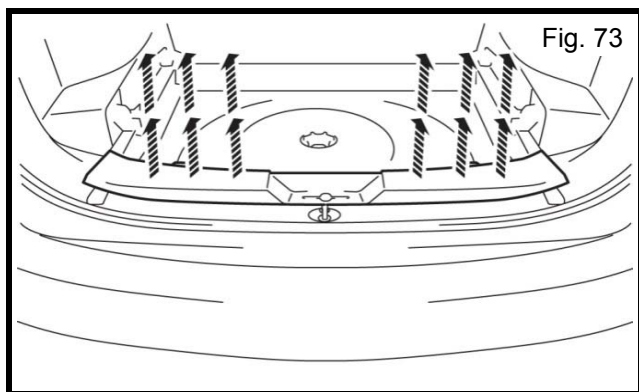
- 67) Removing back door sill trim.
  - a) Remove striker trim piece with nylon trim tool as shown in Fig. 71.



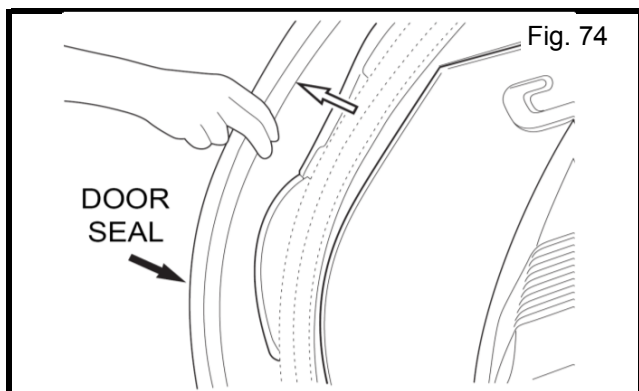
- 68) Removing back door sill trim.
  - a) Remove the two (2) clips on the inside of the rear sill plate as shown in Fig. 72.



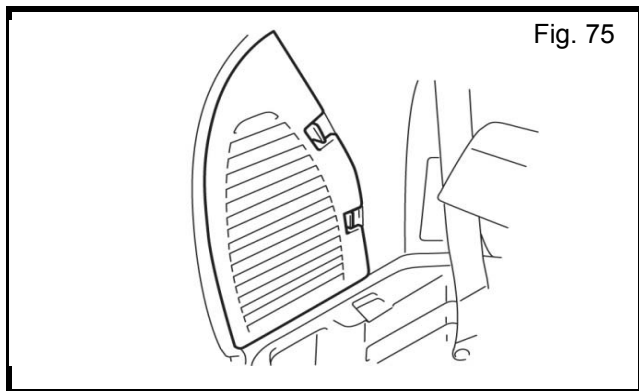
**Pages 5b thru 16b covers 3 row models only.**



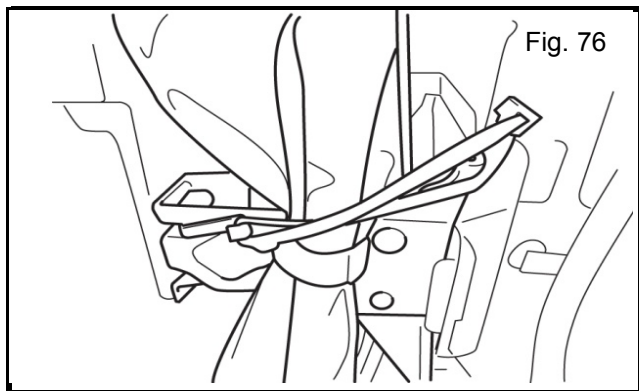
- 69) Removing back door sill trim.  
a) There are six (6) trim clips retaining the panel gently pry upwards with trim removal tool as shown in Fig. 73.



- 70) Removing back door sill trim.  
a) Carefully remove the bulb seal along the bottom and LH side of back door as shown in Fig. 74.



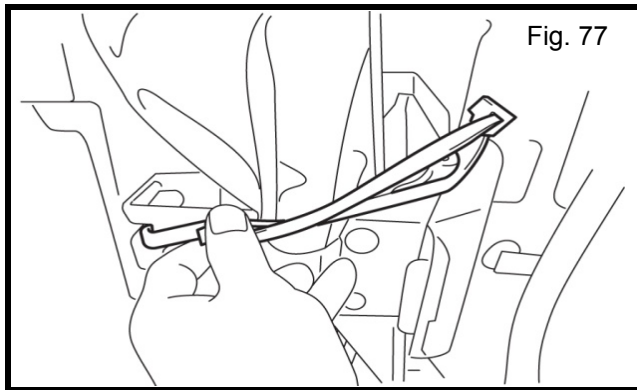
- 71) Folding down the 3rd row seats (con't).  
a) Remove the jack storage cover as shown in Fig. 75.



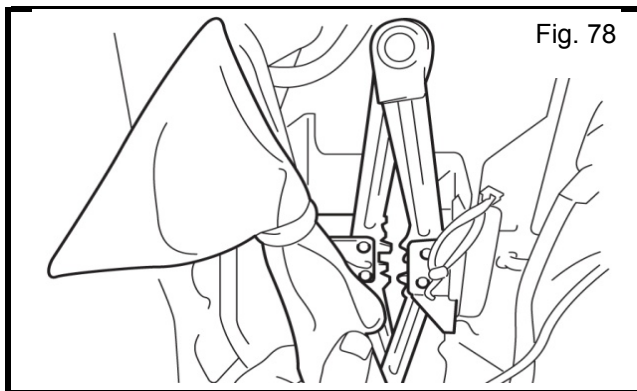
- 72) Folding down the 3rd row seats (con't).  
a) Locate the elastomer band and hook holding the jack in place as shown in Fig. 76.



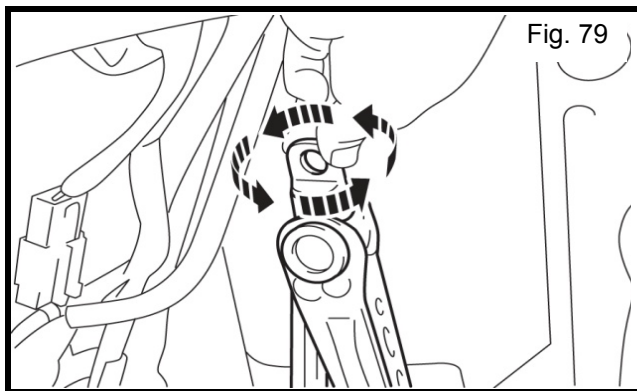
**Pages 5b thru 16b covers 3 row models only.**



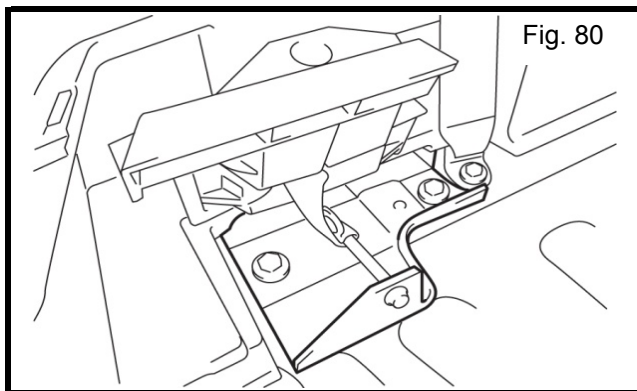
- 73) Folding down the 3rd row seats (con't).  
a) Remove the elastomer band and hook from the jack as shown in Fig. 77.



- 74) Folding down the 3rd row seats (con't).  
a) Remove the tool kit from the storage compartment as shown in Fig. 78.

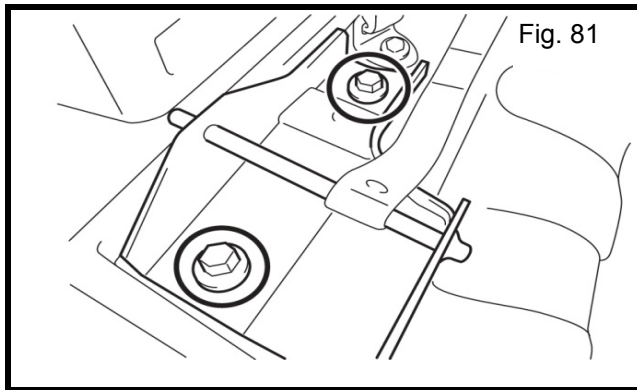


- 75) Folding down the 3rd row seats (con't).  
a) Loosen the jack by turning the scissor mechanism counterclockwise to release.  
b) Remove the jack from the storage compartment as shown in Fig. 79.

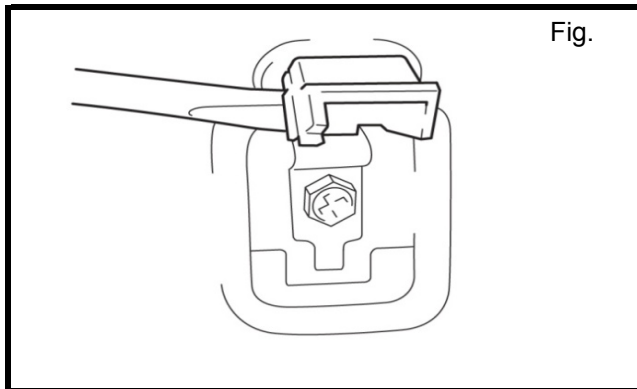


- 76) Removing 3rd row striker plate.  
a) Remove rubber boot from striker plate as shown in Fig. 80.

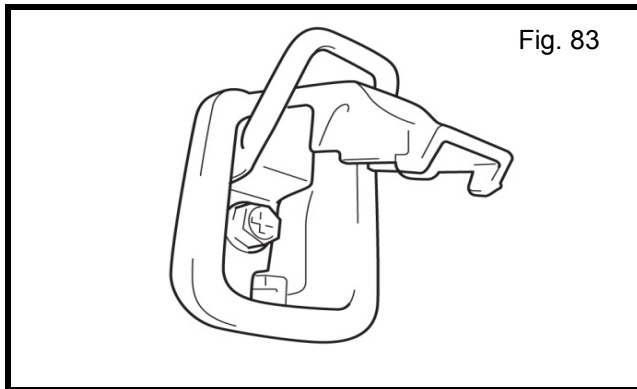
**Pages 5b thru 16b covers 3 row models only.**



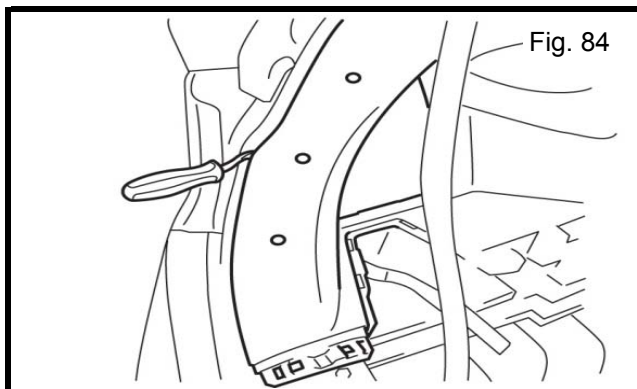
- 77) Removing 3rd row striker plate.
- a) Remove the two (2) 14mm bolts from the striker plate as shown in Fig. 81.



- 78) Folding down the 3rd row seats (con't).
- a) Locate the rear cargo hook on LH D-pillar near the back door.
  - b) Gently pry cargo hook cover up with trim tool as shown in Fig. 82.



- 79) Folding down the 3rd row seats (con't).
- a) Using a 10mm socket loosen the bolt in the cargo hook. Bolt is integral to hook and should not be separated from it as shown in Fig. 83.



- 80) Folding down the 3rd row seats (con't).
- a) There are three (3) trim clips to loosen before gently prying in towards the interior of the vehicle as shown in Fig. 84.

Pages 5b thru 16b covers 3 row models only.

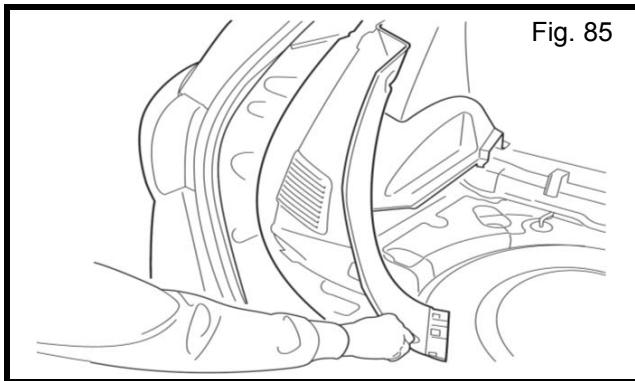


Fig. 85

- 81) Loosening lower D-pillar trim  
a) Gently move the trim panel away from the body as shown in Fig. 85.

**CAUTION**

- Be careful not to stress or crease the panel.
- Take care not to lose any of the panel clips.

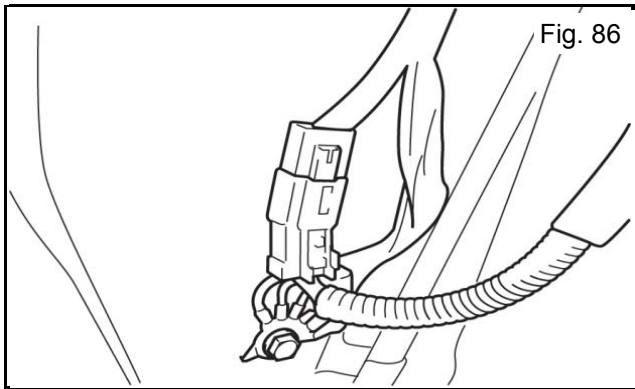


Fig. 86

- 82) Interior Sub Harness Installation  
a) Disconnect the LH side 4-pin tail lamp connector as shown in Fig. 86.

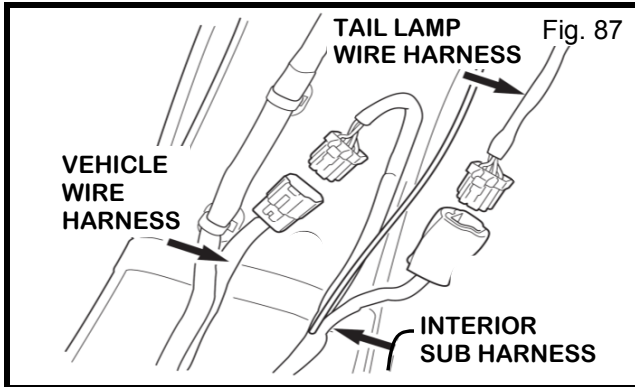


Fig. 87

- 83) Interior Sub Harness Installation  
a) Install interior trailer harness inline with vehicle harness as shown in Fig. 87.

**Critical Steps:** The following steps are critical and must be performed **Exactly** as specified to ensure proper installation.

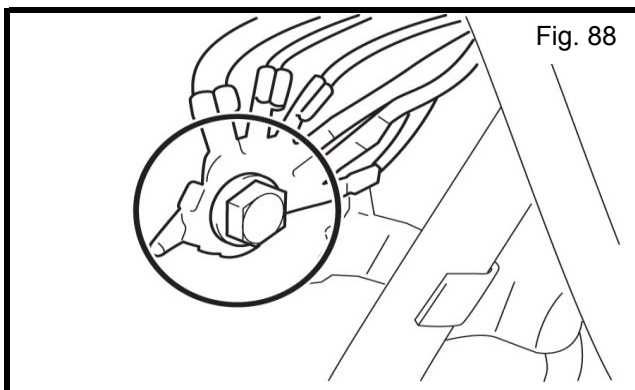
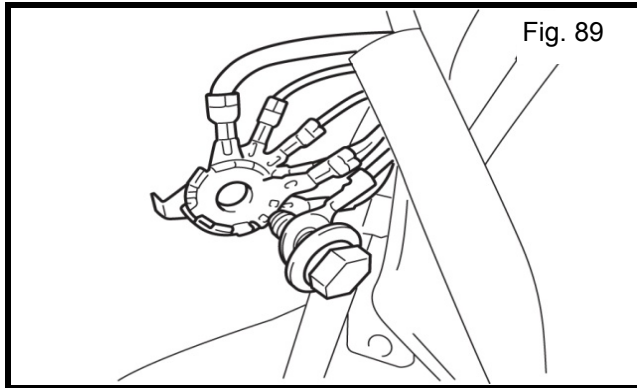


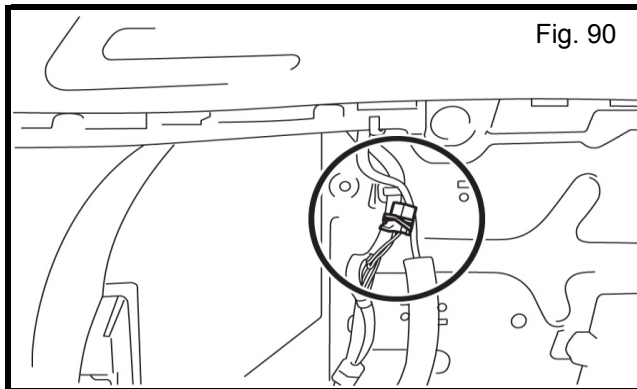
Fig. 88

- 84) Interior Sub Harness Installation  
a) Remove 10mm ground bolt as shown in Fig. 88 and discard the original bolt.

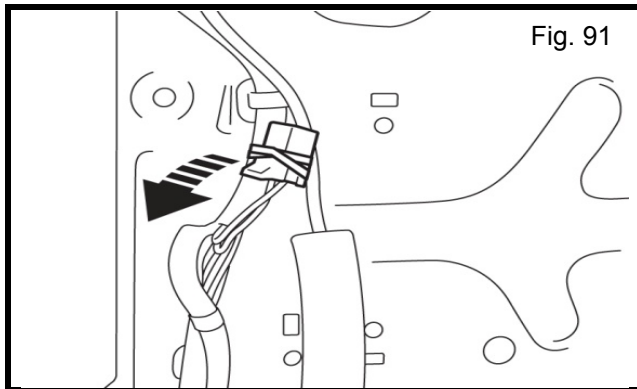
**Pages 5b thru 16b covers 3 row models only.**



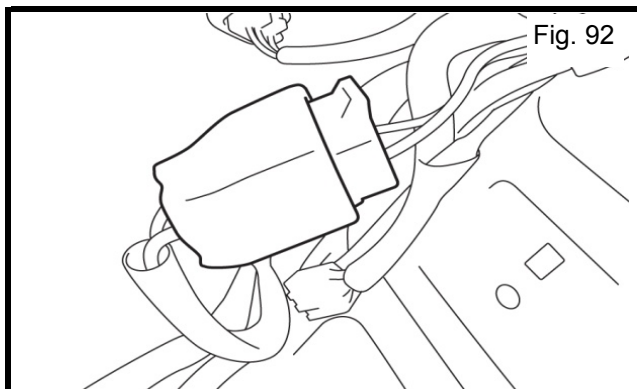
- 85) Interior Sub Harness Installation
- Secure the interior trailer harness ground wire to cluster with special self-tapping ground bolt (M6 X 16) supplied in the kit shown in Fig. 89.
  - Using a 10mm socket and torque wrench, torque the special self-tapping ground bolt to 8.0 Nm.



- 86) Interior Sub Harness Installation
- Continue to route interior sub harness along main harness, secure with one (1) cable tie as shown in Fig. 90.
  - Locate pre wire connector on the RH side of jack opening as shown in Fig. 90.

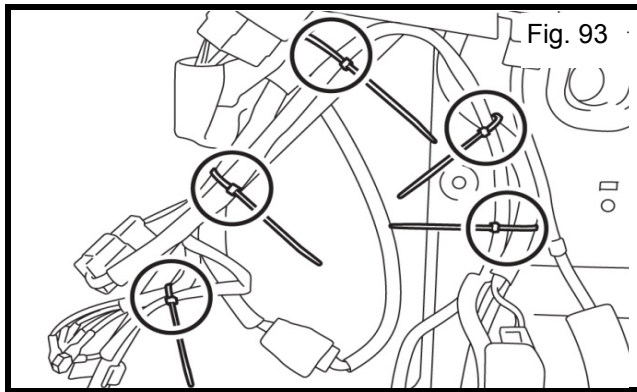


- 87) Interior Sub Harness Installation
- It is held in place with tear away tape. Grasp firmly and gently pull free as shown in Fig. 91.



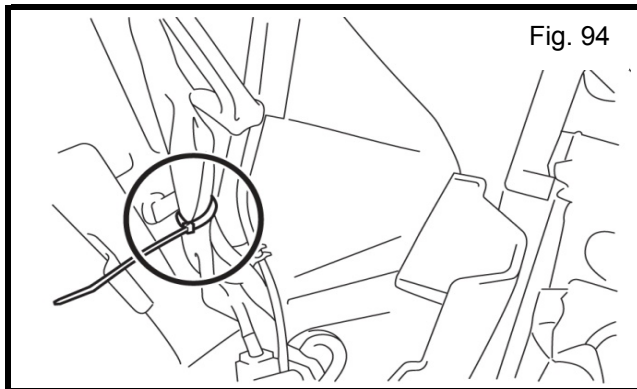
- 88) Interior Sub Harness Installation
- Connect interior sub harness to vehicle harness pre wire connector as shown in Fig. 92.

Pages 5b thru 16b covers 3 row models only.

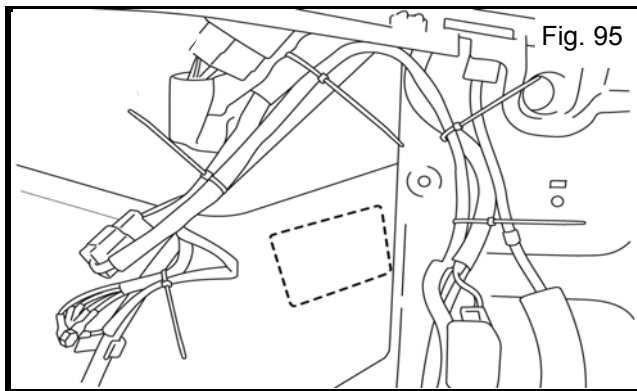


- 89) Interior Sub Harness Installation
- Place the five (5) cable ties loosely to main harness as shown in Fig. 93.

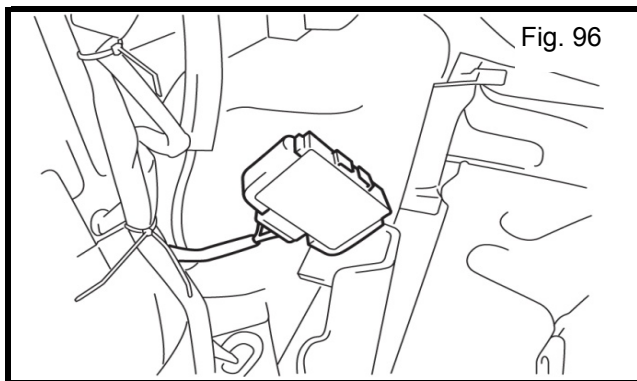
**NOTE: It is recommended to keep cable ties loose until entire sub harness has been routed to allow for final adjustment.**



- 90) Interior Sub Harness Installation
- Continue to route sub harness down along main harness, secure with one (1) additional cable tie as shown in fig. 94.

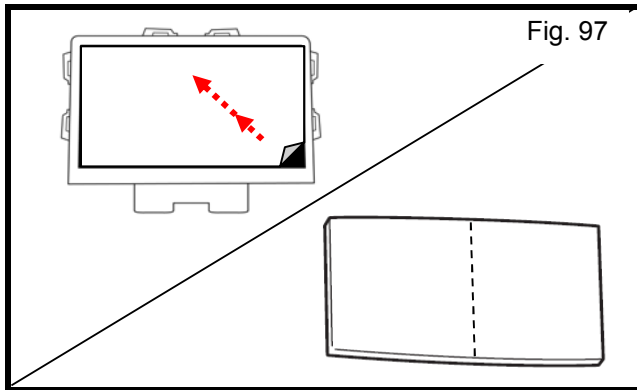


- 91) Converter Installation
- Prep the area near the tail light with Isopropyl alcohol as shown in Fig. 95.

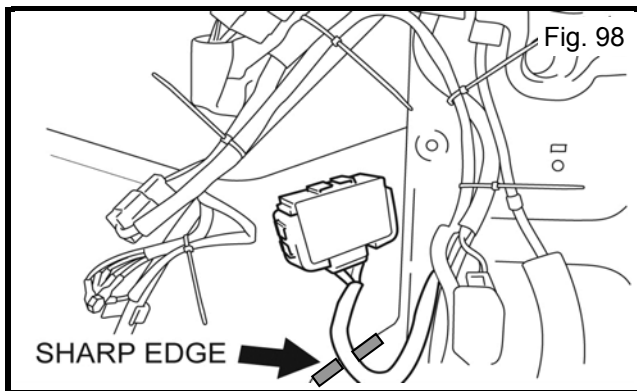


- 92) Converter Installation
- Plug the converter module into the interior sub harness as shown in Fig. 96.

Pages 5b thru 16b covers 3 row models only.



- 93) Converter Installation
- Peel the protective film off of the adhesive square on the converter as shown in Fig. 97.
  - Cut urethane tape (Item J) in half along the width as shown in Fig. 97.



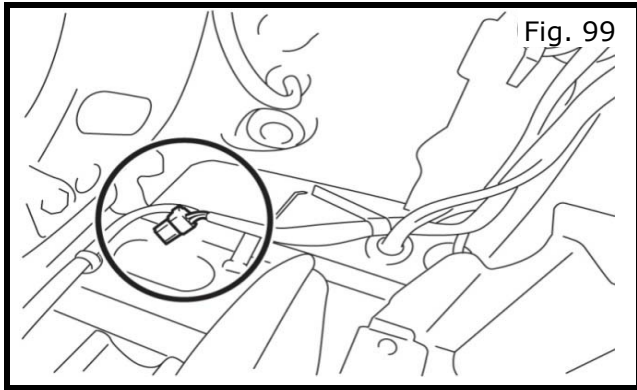
- 94) Interior Sub Harness & Converter Installation
- Press the converter firmly into place, making certain even contact is made with the surface as shown in Fig. 98.
  - Fold 1 piece of urethane tape over the sharp edge shown in Fig. 98 to protect harness from body.

**NOTE: Apply firm pressure for 10 - 15 seconds for proper tape adhesion.**

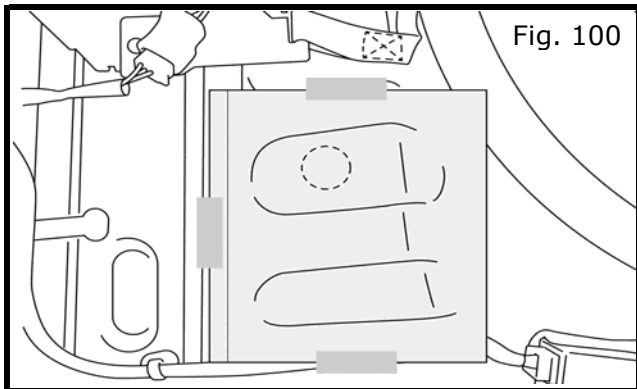
**Proceed to page 17 step 95.**



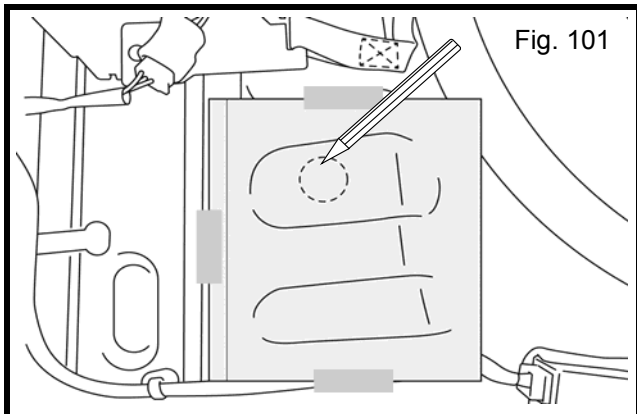
**INSTALLATION PROCEDURE: VEHICLE PARTS REMOVAL**



- 95) Interior Sub Harness Installation
- Interior sub harness to exterior sub harness connector should be in this area, if not adjust sub harness before tightening cable ties as shown in Fig. 99.



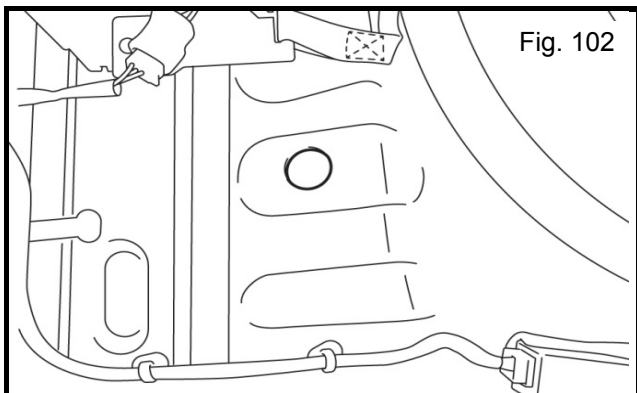
- 96) Exterior Sub Harness Installation
- Use template on Pg. 27 to find the proper location of the hole to be drilled as shown in Fig. 100.
  - Place against the edge of sheet metal and use cloth tape to secure in place as shown in Fig. 100.



- 97) Exterior Sub Harness Installation
- Center punch the center of the hole. Using a stepped drill bit (preferred) or a hole saw to make a 30mm hole as shown in Fig. 101.

**⚠ CAUTION**

- **Hole size and proper dressing is critical to prevent exhaust gas or water intrusion into the vehicle interior.**
- **The proper Nissan anti-corrosion spray must be used to prevent rusting and/or corroding.**



- 98) Exterior Sub Harness Installation
- Using a deburring tool, file or sandpaper dress the hole and remove any debris. Once the hole is smooth, apply P/N# 999MP 9G001P to the area as shown in Fig. 102.
  - Finished hole dressed and ready for grommet installation as shown in Fig. 102.



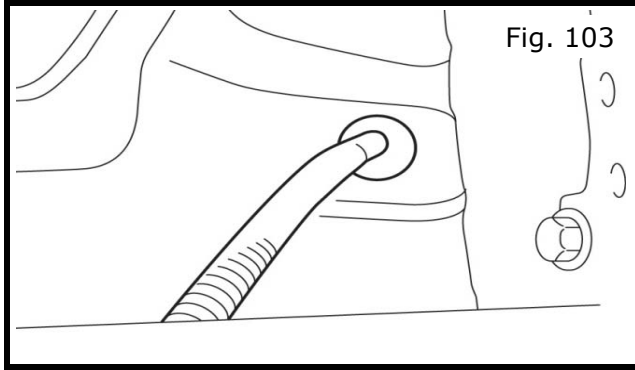


Fig. 103

- 99) Exterior Sub Harness Installation
- a) Route the 4-pin exterior harness connector from the underside of the vehicle, and install grommet into hole as shown in Fig. 103.

**⚠ CAUTION**

- Pass the grommet all the way through the hole and then seat the grommet. Make sure the grommet completely seated and forms a seal before proceeding with the next steps.

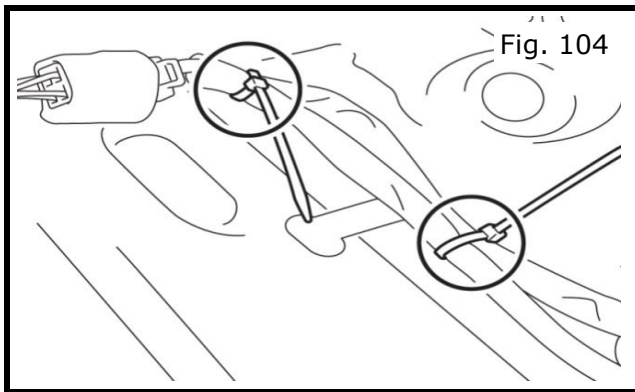


Fig. 104

- 100) Exterior Sub Harness Installation
- a) Continue to route interior sub harness along main harness, secure with two (2) cable ties as shown in Fig. 104.
  - b) Connect the 4-pin exterior harness connector to the 4-pin connector from the interior harness as shown in Fig. 104.

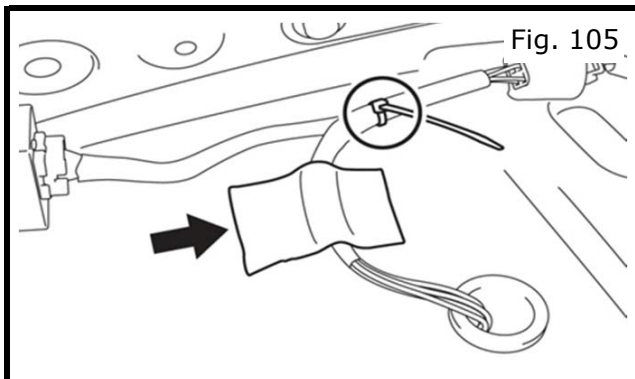


Fig. 105

- 101) Exterior Sub Harness Installation
- a) Secure the exterior sub harness with one (1) cable tie to the main harness, then apply urethane tape over the exterior sub harness to secure it to the body as shown in Fig. 105.

**⚠ CAUTION**

- Before installing foam tape, clean the surface with Isopropyl alcohol.

**NOTE: The trailer hitch must be installed before proceeding to the next step.**

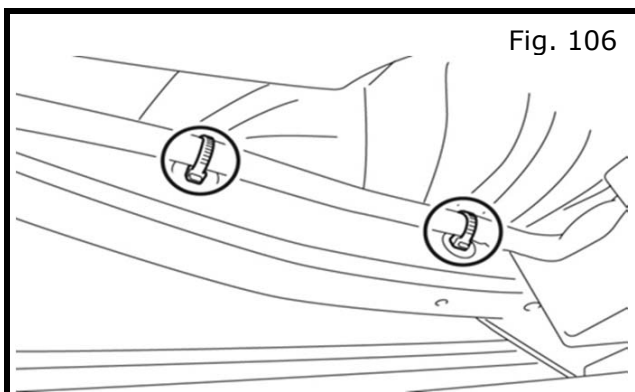
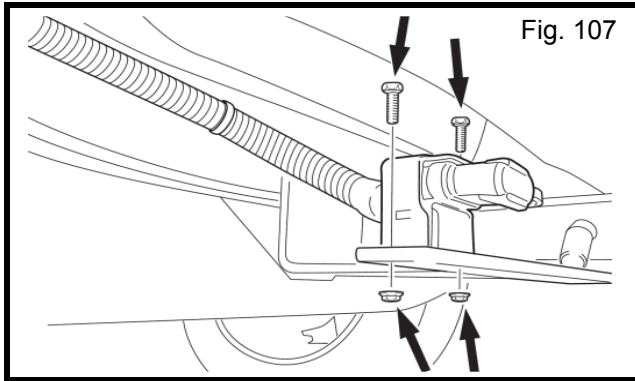


Fig. 106

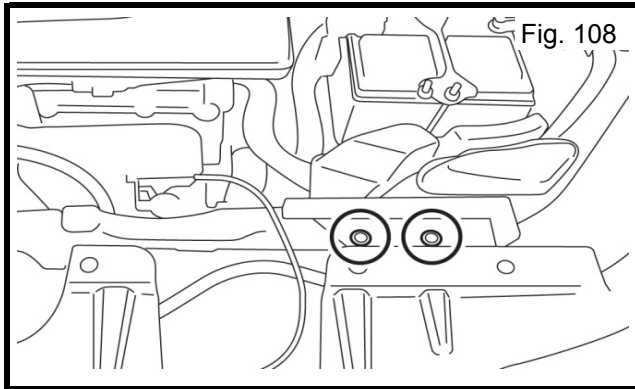
- 102) Exterior Sub Harness Installation
- a) Route the 4-pin exterior harness along the hitch member using the retaining clips on the harness as shown in Fig. 106.



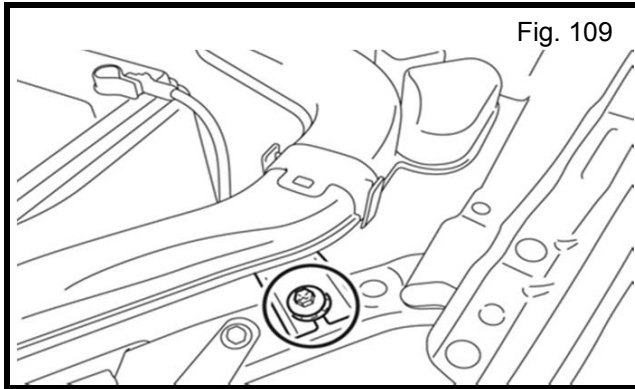
- 103) Exterior Sub Harness Installation
- a) Install the flat 4-pin connector and bracket to the hitch member using two (2) 8mm bolts and (2) nuts as shown in Fig. 107.

**⚠ CAUTION**

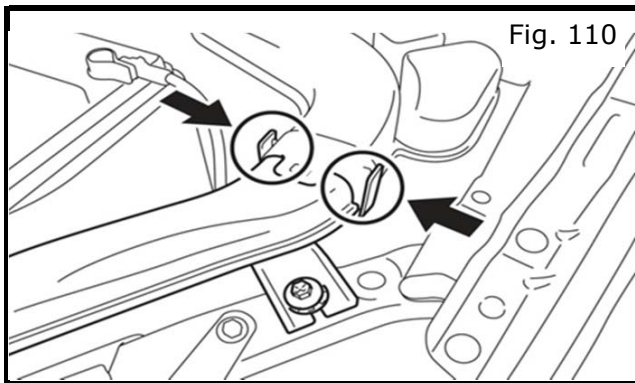
- Torque the fasteners to 3.9 Nm
- Do not to over torque the fasteners



- 104) Exterior Sub Harness Installation
- a) Remove the two (2) trim clips from air inlet tube as shown in Fig. 108.

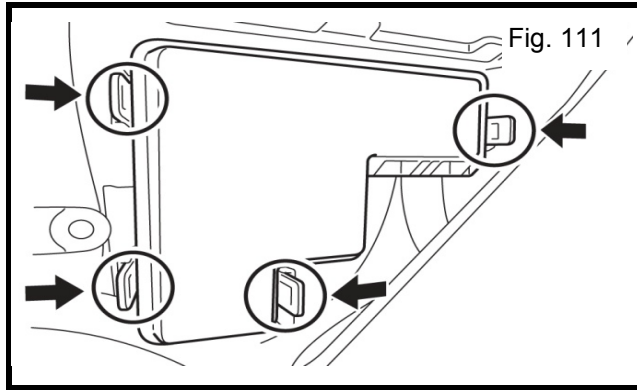


- 105) Fuse Installation
- a) Remove 10mm fresh air intake tube bracket bolt as shown in Fig. 109.

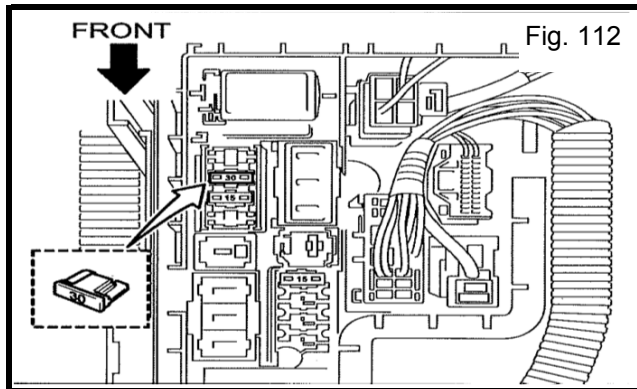


- 106) Fuse Installation
- a) Disconnect air intake tube from airbox by pushing in on the sides to release the locking tabs as shown in Fig. 110.
  - b) Remove air inlet tube.

**INSTALLATION PROCEDURE: VEHICLE PARTS REMOVAL**



- 107) Fuse Installation  
a) Remove the fuse box cover by pressing in towards the cover to release the four (4) locking tabs as shown in Fig. 111.



- 108) Fuse Installation  
a) Install fuse into proper location as shown in Fig. 112

## RE-INSTALLATION PROCEDURE FOR REMOVED PARTS:

Re-install all removed vehicle parts. Refer to the vehicle service manual if more detail is needed

### CAUTION

- Use caution when re-installing interior components to avoid damage, scratches or breaking of mounting clips.

- Inspect the installation area for any debris or metal shavings. Clean as necessary with a shop vacuum .
- Install fuse cover.
- Install intake tube to air box.
- Make sure all trim clips are in their retainers and press D-pillar trim panel back into place.
- Install 3rd row LH striker latch.
- Install Jack storage cover
- Press rear door bulb seal back into place.
- Install spare tire well cover.
- Install rear sill plate.
- Place package cover in storage area (if so equipped).
- Install the LH package cover storage area trim piece.
- Install the RH package cover storage area trim piece.
- Set the package cover storage area lid in its holder.
- Hook retention straps to the package cover storage area lid.
- Place the package cover storage area lid in the closed position..
- Return 3rd row seats to their upright position (if so equipped).
- Connect negative - terminal to battery.
- Perform system check.

### CAUTION

- Allow 3 min after Negative terminal connection with doors closed before unlocking and/or keying on the vehicle.

## 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 seats, steering wheel, floor carpets, etc. are not soiled.
- Verify interior and exterior of vehicle is not damaged.
- Turn ignition switch to "ON" and confirm proper operation of Vehicle Systems
  - Verify all windows and sunroof (If equipped), one touch operation and perform the reset procedure if necessary. Refer to the vehicle service manual for more details.
  - Power Back Door (If equipped). - Turn on the car, push and note if trunk opens.
  - Tail Lamp - Turn on headlamps; open glove box and note whether light goes on.
  - Start vehicle. Note whether vehicle starts.
- Front Sonar Module Connector - Turn on vehicle, put vehicle in 'Drive'. Move slowly towards a large object in front of the vehicle. Note whether alarm sounds.
- Rear Sonar Module Connector - Turn on vehicle, put vehicle in 'Reverse'. Move slowly towards a large object behind the vehicle. Note whether alarm sounds.
- 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.
- Re-program radio presets and other vehicle settings to the recorded settings. No need to do this step if the extended storage switch is placed in the "inventory" position.
- If this vehicle will be returned to a dealer lot or showroom for an extended period of time, be sure the extended storage switch is placed in the "inventory" position. Refer to the Extended Storage Switch verbiage at the beginning of the 'INSTALLATION PROCEDURE' section.

## Check Out

### CAUTION

- The following steps assume that a trailer or harness tester is not available to verify that the system is operational.
- The remainder of this Check out requires two individuals to complete for safety purposes.
- If a trailer or tester is available complete the following steps by simply verifying the lamp operation of the trailer.
- If any of the lamps fail to illuminate, a volt meter and test light should be used as described to verify wiring is operating correctly.

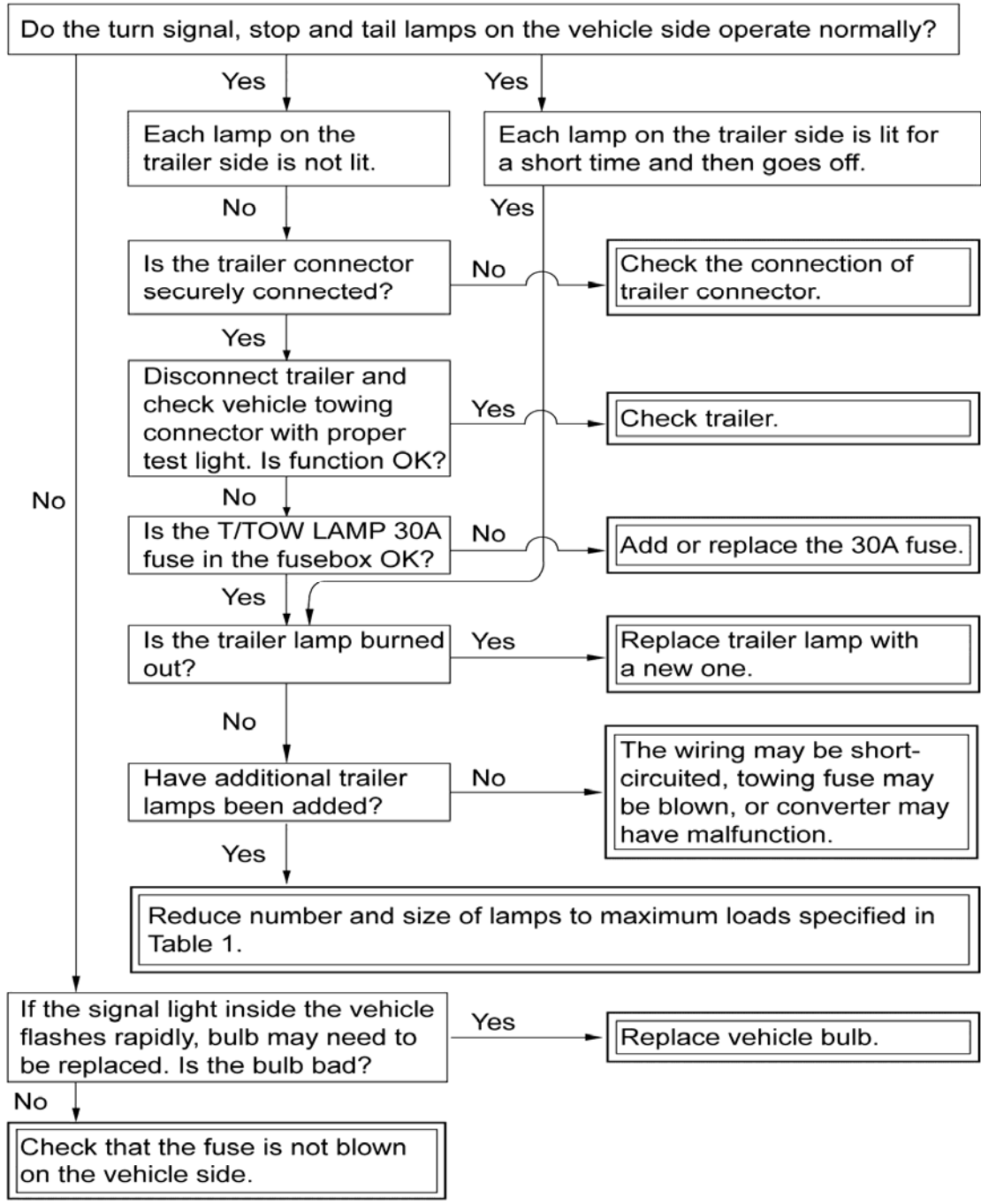
- Verify shifter is in the park position with the Ign Sw in the on position, vehicle **should not** be running.
- Turn the switch on the column stalk to "ON" and confirm proper operation of Vehicle Systems
- Use volt meter to confirm voltage between the ground pin and LH Tail Lamp signal.
- Use volt meter to confirm voltage between the ground pin and RH Tail Lamp signal.
- Use volt meter to confirm voltage between the ground pin and LH stop signal when brake is depressed.
- Use volt meter to confirm voltage between the ground pin and RH stop signal when brake is depressed.
- Use volt meter to confirm voltage between the ground pin and LH turn signal when the column stalk is moved to the appropriate position.
- Use volt meter to confirm voltage between the ground pin and RH turn signal when the column stalk is moved to the appropriate position.
- 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.
- Power Back Door (If equipped). - Turn on the car, push and note if trunk opens.
- Tail Lamp - Turn on headlamps; open glove box and note whether light goes on.
- Start vehicle. Note whether vehicle starts.



Perform the following sequence of procedures if there is a lamp malfunction

## ⚠ CAUTION

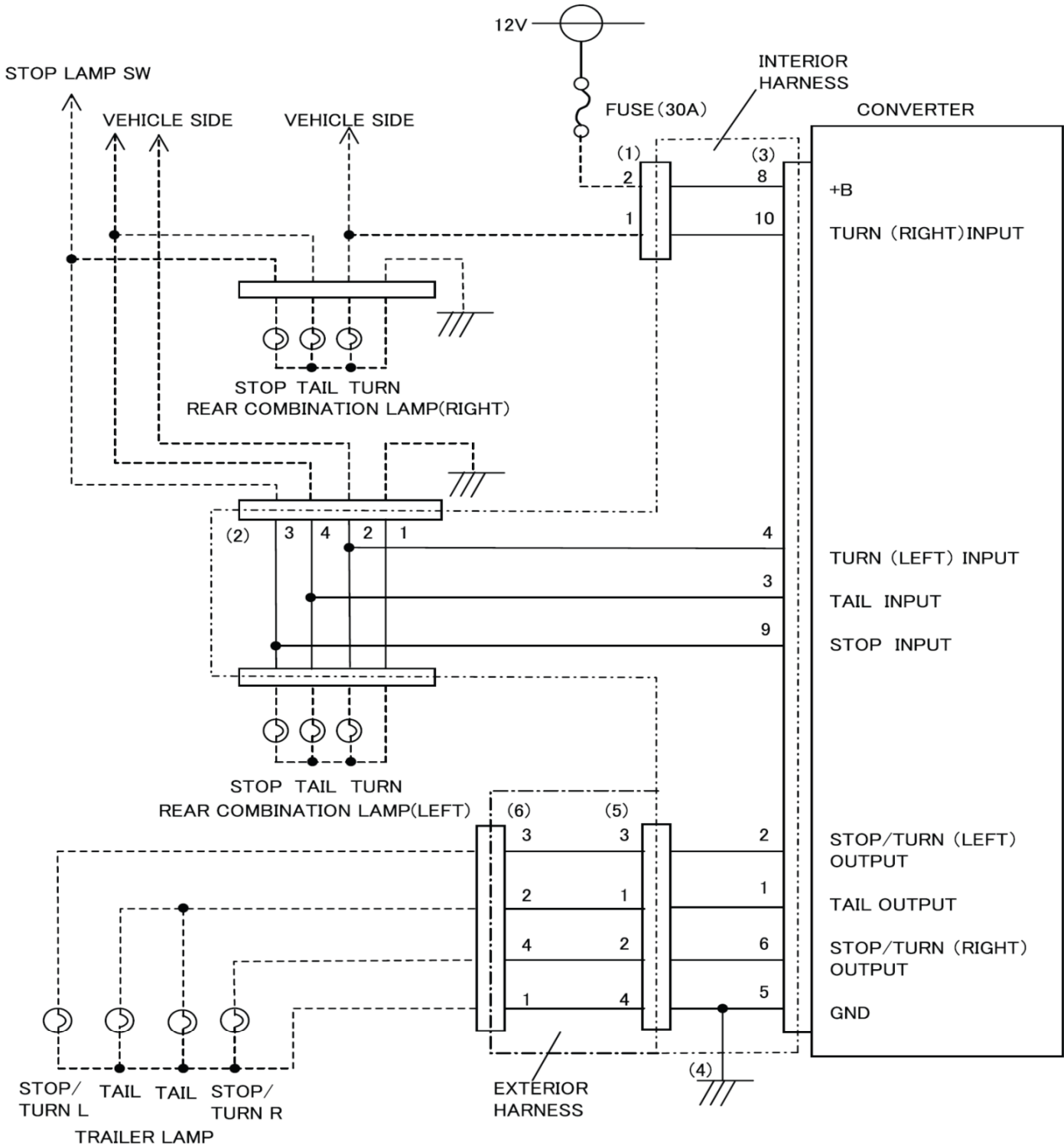
• Check that the headlamp switch is **Off** before removing and/or replacing any bulbs.



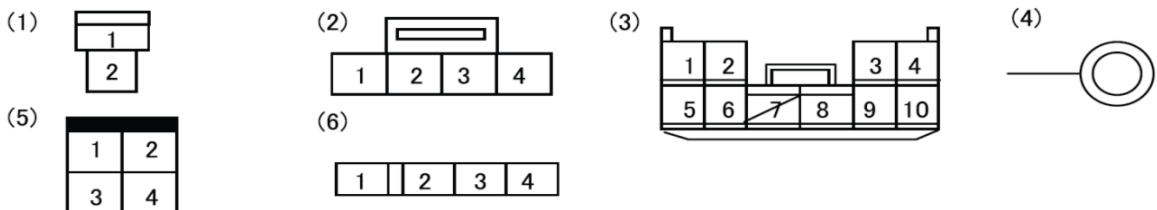
**Table 1**

Rated Current Capacity	TAIL	MAX 7.8A
	STOP/TURN (RIGHT)	MAX 4.5A
	STOP/TURN (LEFT)	MAX 4.5A

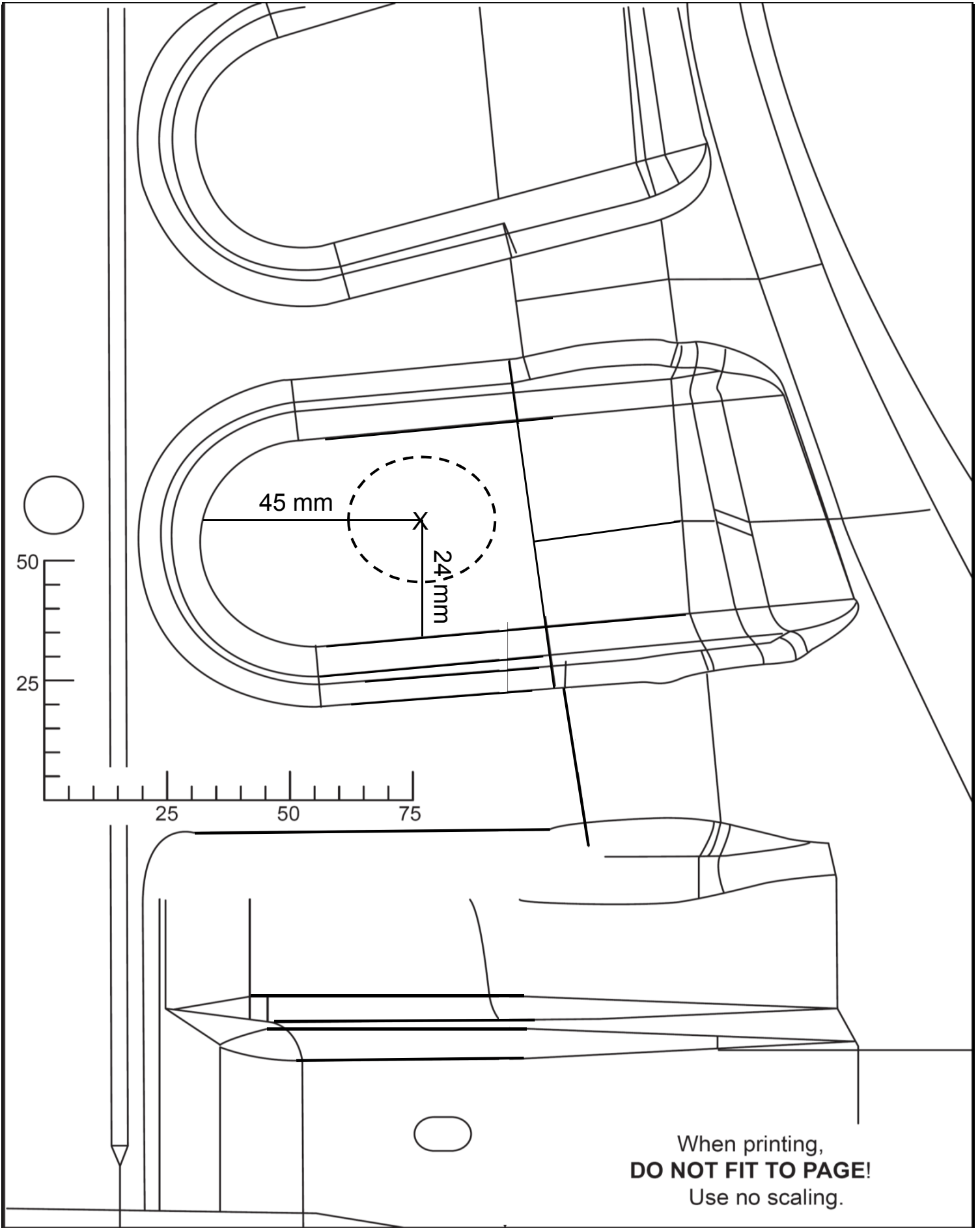
**Mechanization**



**CONNECTOR**



Do not  
delete  
blank  
page



When printing,  
**DO NOT FIT TO PAGE!**  
Use no scaling.