















**Genuine
Accessories**

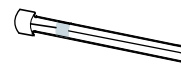


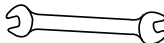








Accessory Installation Instruction

Sportage Step Bar
Part Number: UP040 AY120

SUPPLIED HARDWARE AND CONTENT:

<p>A. </p> <p>M8 x 1.25 x 25MM FLANGE BOLT X4</p>	<p>B. </p> <p>M6 x 1.00 x 40MM WASHER HEAD BOLT X1</p>	<p>C. </p> <p>M8 RIVNUT X4</p>	<p>D. </p> <p>M6 SERRATED FLANGE NUT X8</p>	<p>E. </p> <p>M8 SERRATED FLANGE NUT X4</p>
<p>F. </p> <p>M10 SERRATED FLANGE NUT X1</p>	<p>G. Front Rear</p>  <p>CAPTURE PLATES, WITH BOLT (2 FRONT, 2 REAR)</p>	<p>H. </p> <p>M8 x 1.25 X 35MM FLANGE BOLT X1</p>	<p>I. </p> <p>ASSEMBLED BARS (1 LH, 1 RH)</p>	<p>J. </p> <p>FRONT BRACKET X2</p>
<p>K. </p> <p>REAR BRACKET X2</p>	<p>L. </p> <p>M6 Washer X1</p>			

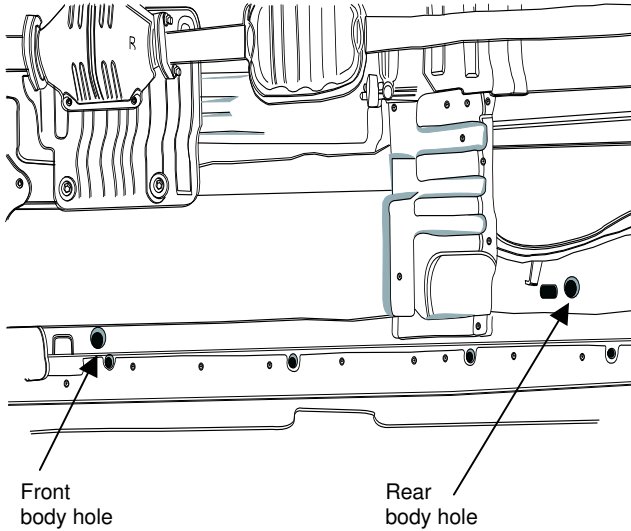
REQUIRED TOOLS

 <p>12" SOCKET EXTENSION</p>	 <p>10MM AND 13MM SOCKET</p>	 <p>RATCHET</p>	 <p>15MM WRENCH</p>	 <p>TORQUE WRENCH</p>	 <p>MARKER</p>
 <p>10 AND 13 MM SWIVEL SOCKET</p>	 <p>DRILL</p>	 <p>12 MM DRILL BIT</p>	 <p>RUBBER MALLET/HAMMER</p>	 <p>ROUND FILE (OPTIONAL)</p>	 <p>CORROSION INHIBITOR</p>

NOTE: Always wear proper safety equipment while working on the vehicle.

Read Entire Instructions Prior to Installation
(Instructions Shown Are For Passenger Side Only)

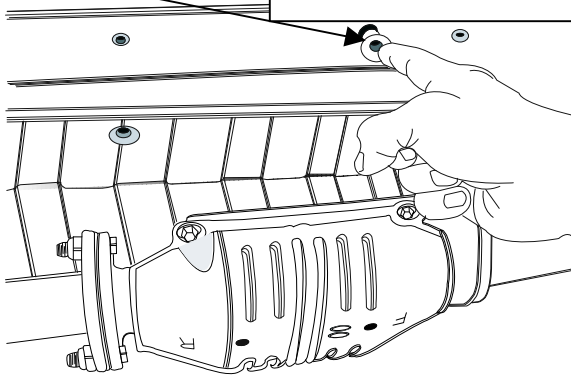
PREPARATION



1. Front and rear body hole covers are located beneath undercoating. Front-located approx. 60 mm from front jack location. Rear-located approx. 35 mm from oval tie-down opening.

M8 Rivnut

- Rubber Mallet
- File

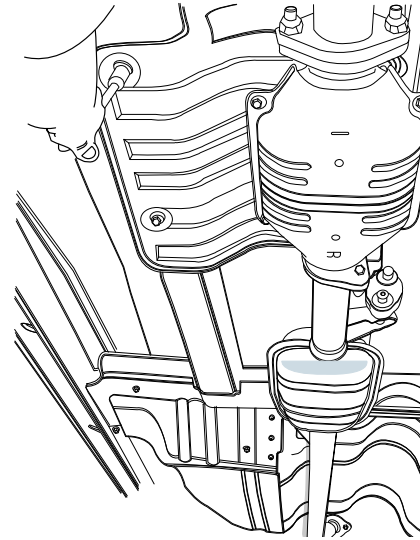


2. Place and hold the supplied rivnut in the non-threaded hole located in the frame. Tap into place with rubber mallet.

NOTE:

- If there is a weld nut located where the M8 rivnut should be inserted, skip steps 2, 3, 4, and 6 and proceed to step 7 of front bracket installation.
- You may have to ream the hole to allow the hardware to fit.
- Apply corrosion inhibitor.

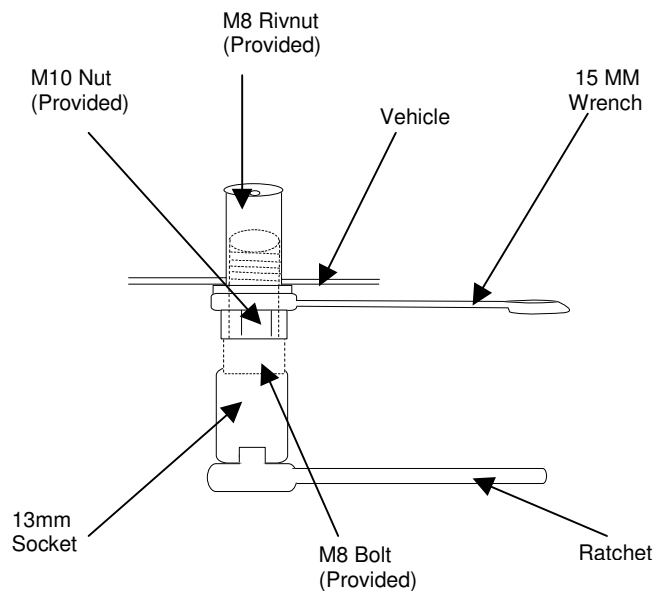
FRONT BRACKET INSTALLATION



- 10mm Socket

1. Remove 2 M6 fasteners (as shown) from underbody converter heat shield. Retain 1 M6 fastener.

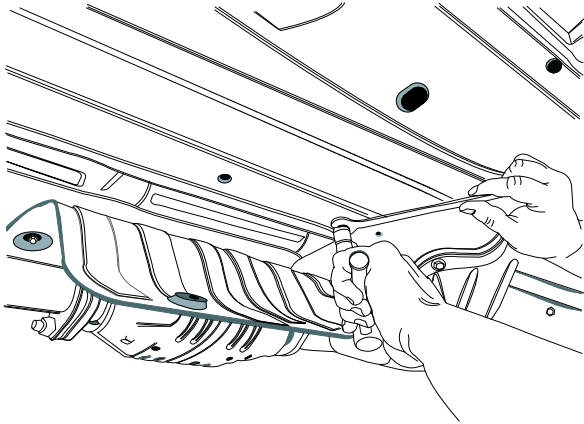
Loosen the 2 remaining M6 bolts and partially pull down the underbody converter heat shield.



3. Tool and hardware configuration, to compress rivnut.

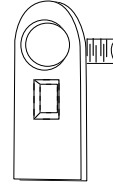
Note: To be used on 4 rivnut compressions.

- 15mm Wrench
- 13mm Socket

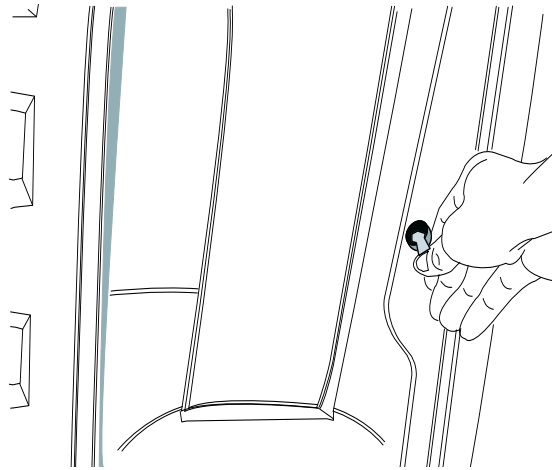


4. Once the bolt has been started into the rivnut, keep the wrench stationary and turn the ratchet clockwise until the rivnut is firmly seated.

- File



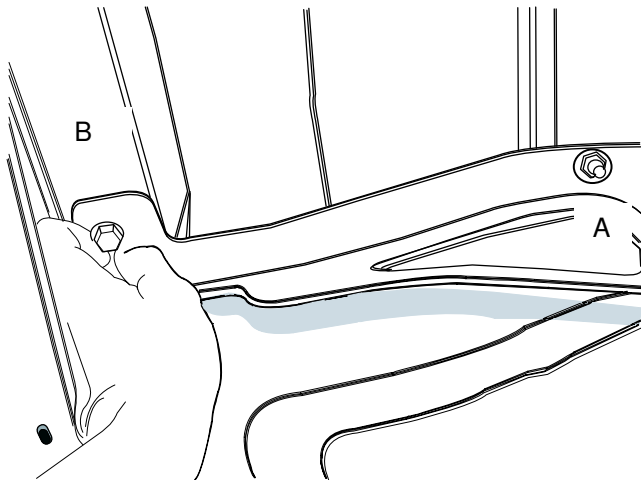
Assembled Front Capture Plate



5. Install pre-assembled capture plate/bolt into the body hole. Place square end first and continue pushing the round edge through the hole. Center the capture plate.

NOTE: Slightly ream the hole in order for the hardware to fit, and apply corrosion inhibitor.

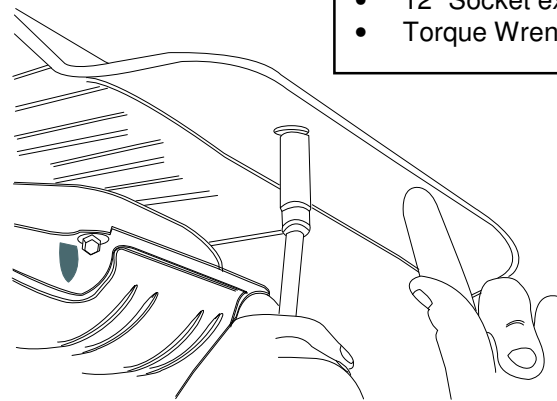
- 13mm Socket
- Torque Wrench



6. A. While holding the front bracket in place, attach M8 flange nut on bolt.
B. Thread a M8 flange bolt through appropriate slot in bracket, ensuring the alignment of the nut is perpendicular to vehicle pinch weld.

TORQUE 19 - 21 FT LBS

- 10mm Socket
- 12" Socket extension
- Torque Wrench

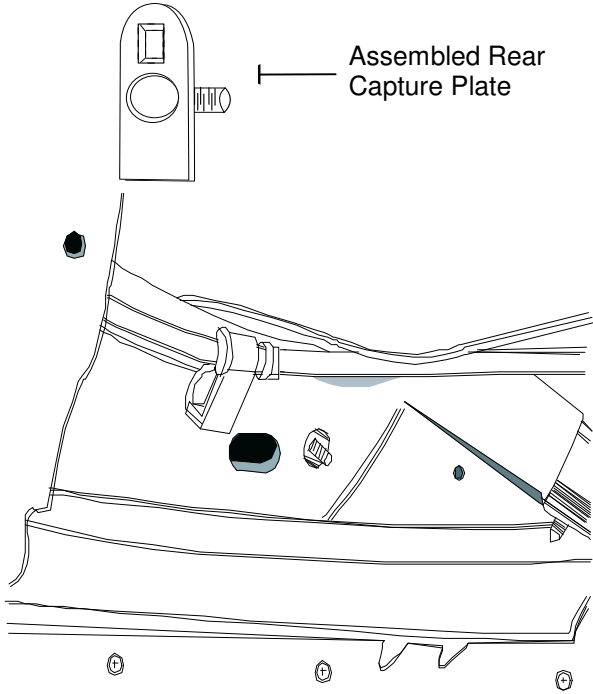


7. Align underbody converter heat shield using the retained M6 bolt in the rear, and using the M6 x 40mm washer head bolt and M6 Washer in the front. Ensure the bolt goes through the bracket hole.

NOTE: If there is a weld nut at the rivnut location, re-tighten the M6 fastener with the retained M6 fastener from the underbody converter heat shield.

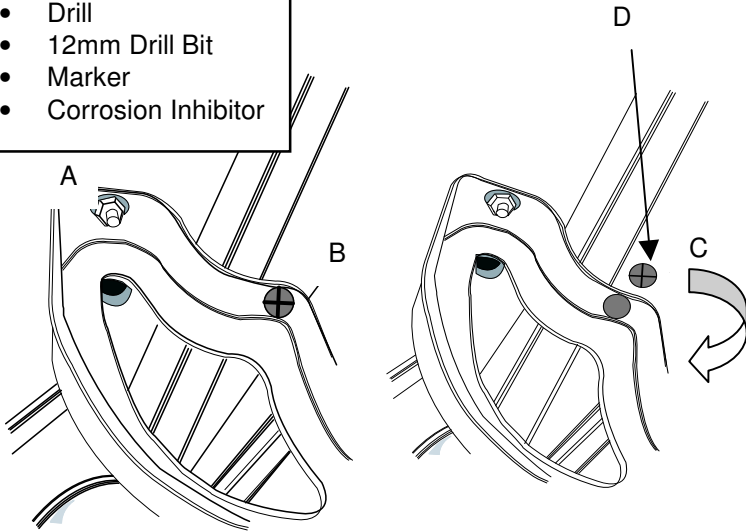
TORQUE 4 - 6 FT LBS

REAR BRACKET INSTALLATION



1. Install pre-assembled capture plate/bolt, square end first, into the slot located before the body hole. Push the round edge through the slot until the bolt drops through the body hole.

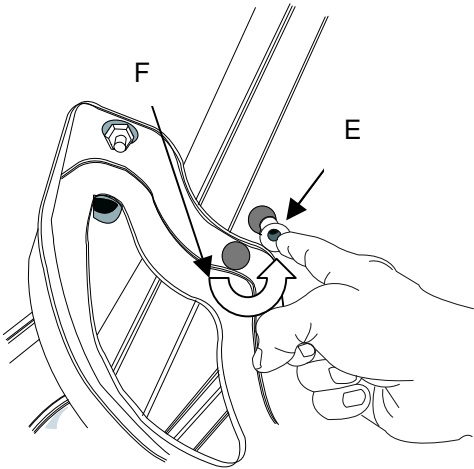
- Drill
- 12mm Drill Bit
- Marker
- Corrosion Inhibitor



2. A. Install the rear bracket by lightly tightening the M8 nut onto the bolt of the pre-assembled capture plate assembly.
 B. With the bracket in the installed position, mark the drill location on the underside of the vehicle.
 C. Swing bracket slightly to expose the mark.
 D. Drill using a 12mm drill bit.

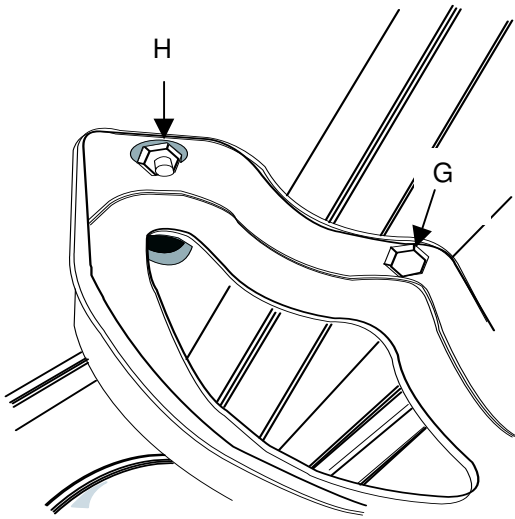
NOTE: Apply corrosion inhibitor to exposed area.

- 15mm Wrench
- 13mm Socket
- Ratchet



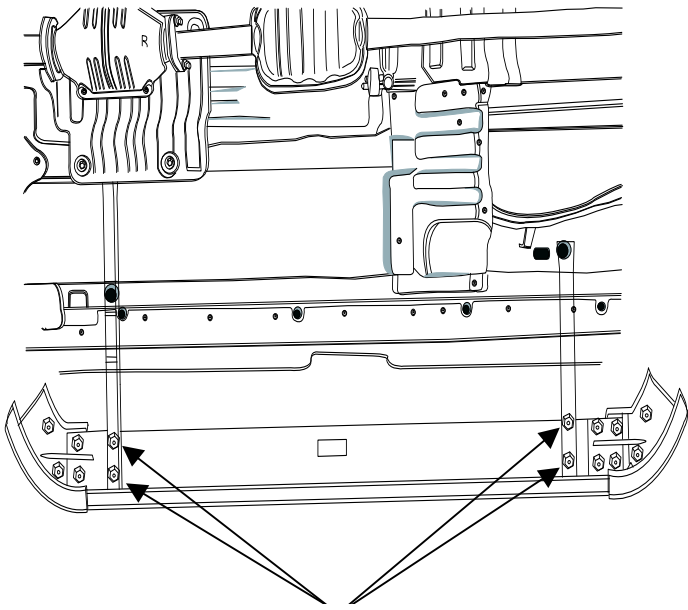
E. Install and compress rivnut in the drilled hole (see page 2, step 3).
 F. Swing bracket back, aligning the bracket to the drilled hole containing the rivnut.

- 13mm Socket
- Torque Wrench



G. Install the M8 bolt into the rivnut.
 H. Tighten the M8 nut

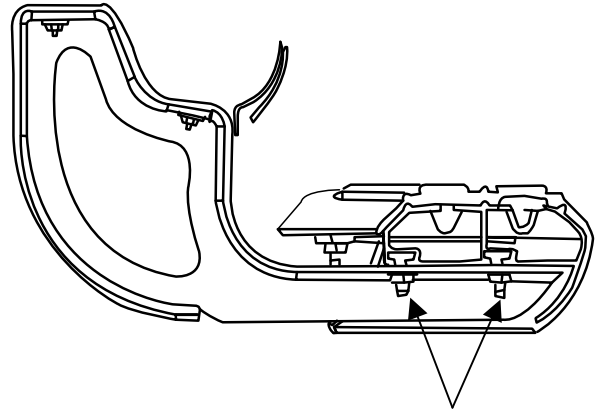
TORQUE 19 - 21 FT-LBS



Bracket hole location
for t-bolts

5. Place the assembled bars on the brackets, ensuring the attached t-bolt ends are inserted into the holes in the brackets. There are 2 t-bolts on the step bar, for each bracket.

- 10 mm Socket
- Torque Wrench



M6 nuts

6. Once aligned, the M6 nuts are installed on the T-Bolts.

Repeat steps for the driver's side.

TORQUE 6 - 8 FT LBS