

# FITTING INSTRUCTION

Name:Grille Guard    Item No: WN-TRI15-NBAR-SS-B



# Triton Nudge Bar Fitting Instructions

## GENERAL NOTES

- Read through the fitting instructions before installation of accessory
- Always install the accessory following the fitting instructions. Failure to do so may cause damage to the vehicle or the accessory.
- Ensure all recyclable discarded accessory components and packaging are recycled following local recycling regulations.
- It is always recommended that this accessory is fitted by a qualified Mitsubishi Technician.
- Safely store and protect any removed vehicle components.
- Ensure all bare metal surfaces are protected using Automotive Bare Metal Primer and touch-up paint.
- Remove all metal swarf and dust from all vehicle surfaces if surface is used for accessory installation.

## SAFETY NOTES

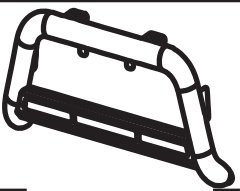



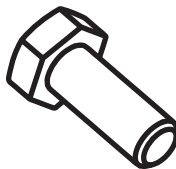
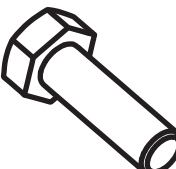





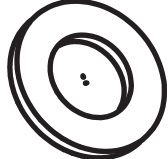
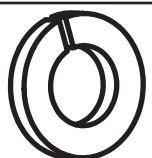



- Check that all work practices comply with safety standards
- Please wear appropriate clothing and use safety equipment



## FITTING TIME

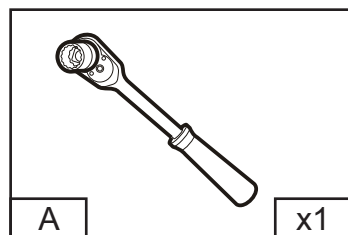
-  1.5 hours

## PARTS LIST

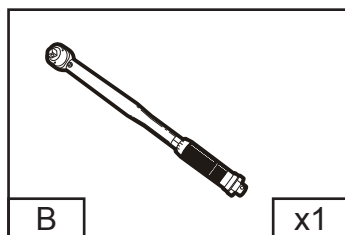
			
A NUDGE BAR x1	B LH MOUNTING BRACKET x1	C RH MOUNTING BRACKET x1	D NUT PLATE x2
MZ350415-A1	MZ350415-A2	MZ350415-A3	MZ350415-300
			
E BOLT M10 x 25 x 1.25P x8	F BOLT M8 x 25 x 1.25P x2	G NUT M10 x 1.25P x6	H WASHER M10 x 25 x 3 x2
PA119	PA160	PA181	PA221
			
J WASHER M10 x 21 x 1.6 x12	K WASHER M8 x 17.5 x 1.6 x2	L SCREW M5 X 16mm x2	M WASHER M5 x 10 x 1 x4
PA222	PA239	PA169	PJ790
			
N SPRING WASHER M5 x 9 x 1.5 x2	P NYLOCK NUT M5 x 0.8P x2	Q IDENTIFICATION LABEL x1	R INSTALLATION MANUAL x1
PA234	PJ789	PJ029	FIMZ350415

# Triton Nudge Bar Fitting Instructions

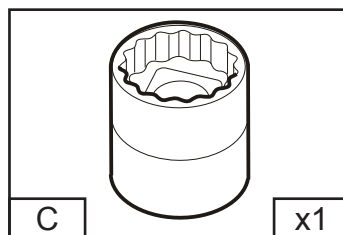
## TOOLS AND MATERIALS REQUIRED



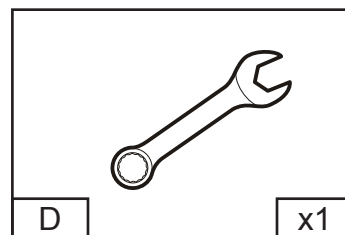
RATCHET



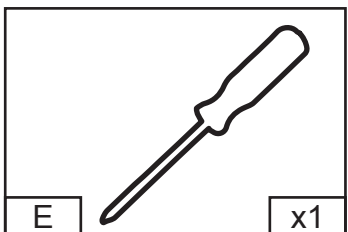
TORQUE WRENCH



SOCKETS



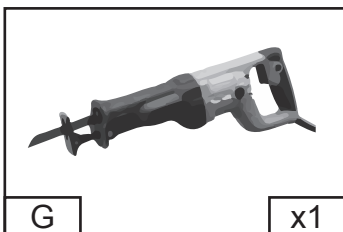
SPANNER



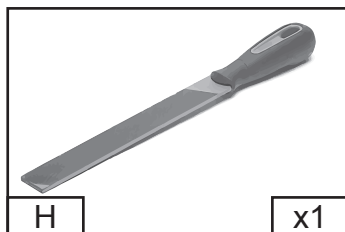
SCREW DRIVER



SNIPS

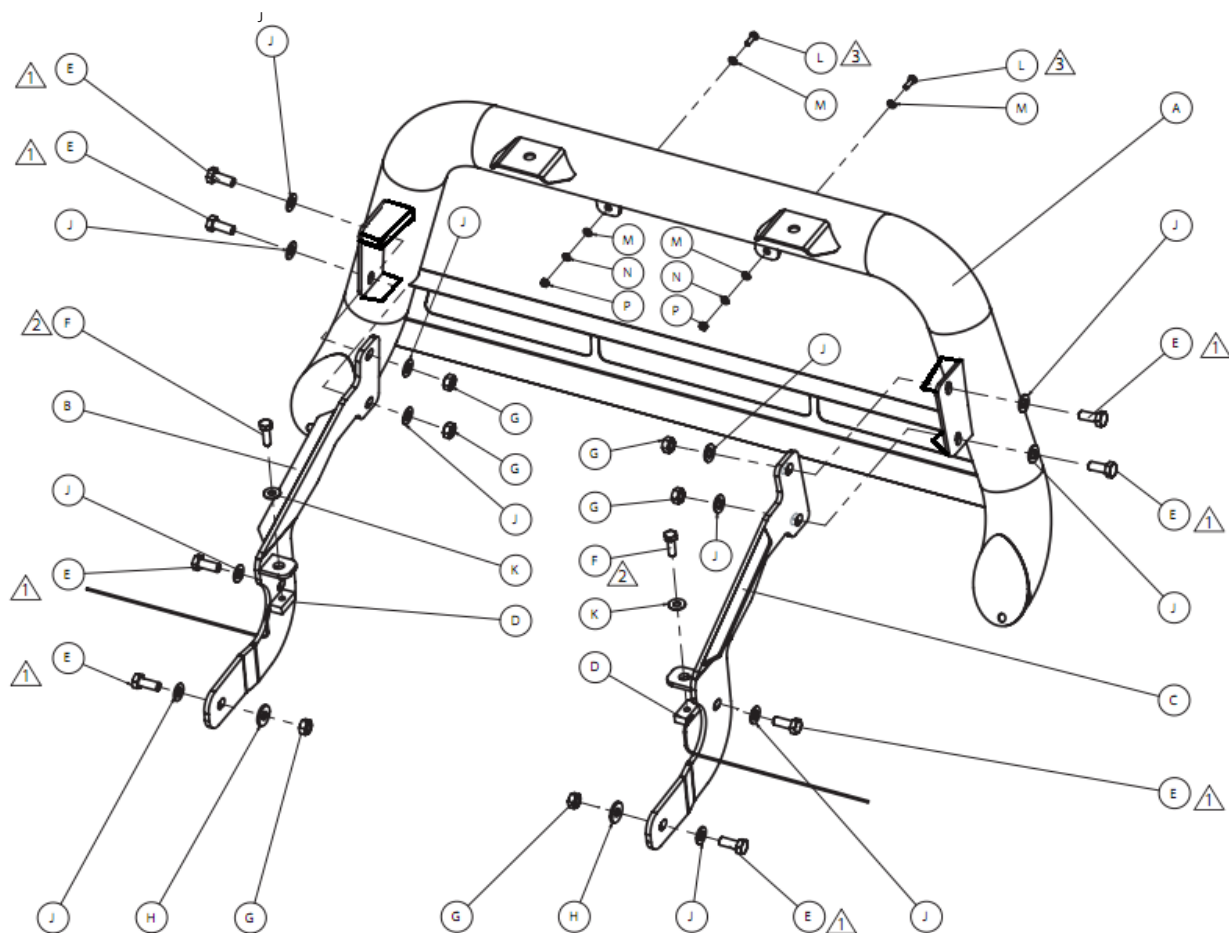


SAW



FILE

## LAYOUT DIAGRAM



REFER TO PARTS LIST FOR ITEM DESCRIPTIONS

- 1 ITEM E - M10 x 25 x 1.25P - TIGHTENING TORQUE = 44 +/- 2Nm
- 2 ITEM F - M8 x 25 x 1.25P - TIGHTENING TORQUE = 22 +/- 2Nm
- 3 ITEM L - M5 x 16 x 0.8P - TIGHTENING TORQUE = 3 +/- 0.5Nm

# Triton Nudge Bar Fitting Instructions



## WARNING

- Always refer to the vehicle's Workshop Manual when removing vehicle components.
- Do Not attach the Nudge Bar to any vehicle using anchorages not intended for this purpose.
- Do Not use this Nudge Bar for any vehicle or model other than those specified in these instructions.
- Do Not remove the compliance plate or label from the Nudge Bar.
- Do Not modify the Nudge Bar in any way.

## INSTALLATION PROCEDURE

### STEP 1:

Remove the Radiator Grille, Grille Infill Panel, Wheel Arch Flares and Bumper Fascia from the vehicle.  
(refer to Mitsubishi workshop manual for instructions)

If Fog Lamps are fitted, carefully disconnect the Fog Lamp Harness from the Fog Lamps before removing the Bumper Fascia.



FIGURE 1

### STEP 2:

Remove the Lower Grille and the Air Guides from the Bumper Fascia.

Keep the Air Guides for reattachment.  
(refer Mitsubishi workshop manual for instructions)

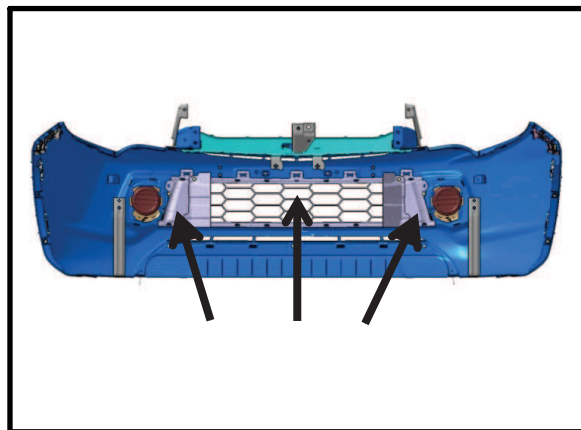


FIGURE 2

### STEP 3:

Working on the back surface of the Grille, use the provided template (on page 9 of this Instruction) to mark the centre position of the (4) Diameter 12mm holes with a suitable scribe or similar.

Drill the holes using a 12mm drill bit.

Carefully cut and file the opening ensuring a neat appearance using the dashed line of the template as a guide.

Refer Figure 3b (next page) for final trim appearance.



FIGURE 3a

# Triton Nudge Bar Fitting Instructions

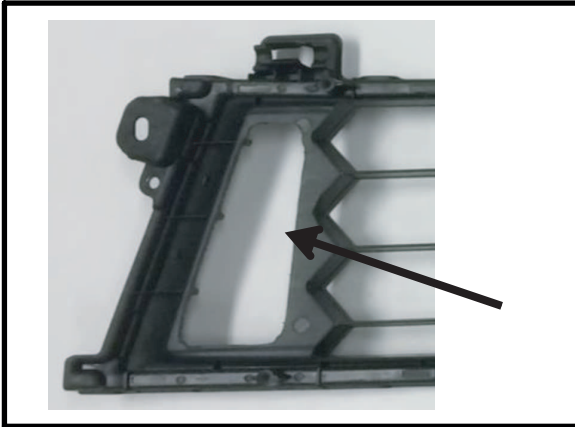


FIGURE 3b

## STEP 3: continued

This cutting is visible after Nudge Bar fitment. Carefully file or sand any sharp edges smooth for a neat appearance at the final installation.

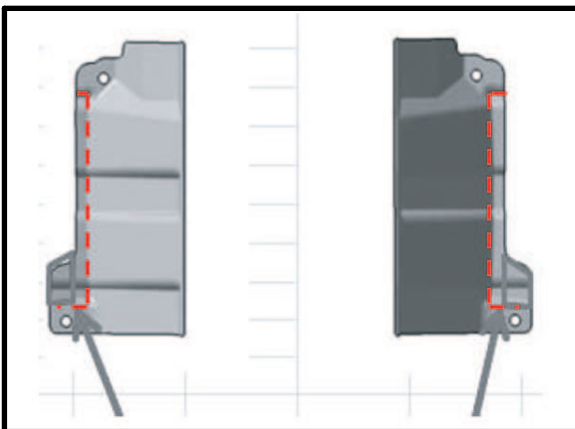


FIGURE 4a

## STEP 4:

Using trimmers neatly remove the small section of the Air Guides to provide Nudge Bar mounting Brkt clearance.

File any sharp edges smooth for a neat appearance.



FIGURE 4b

Air Guide profile after cutting shown.

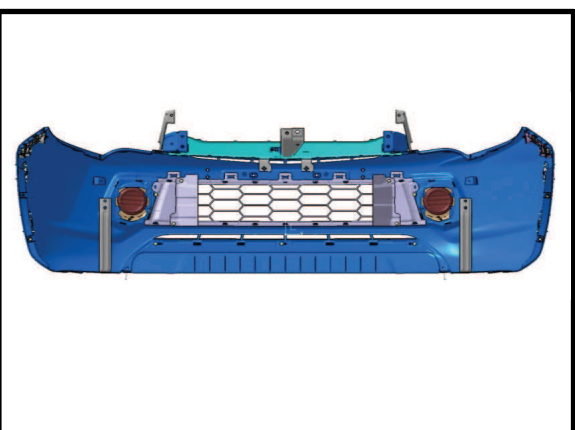


FIGURE 5

## STEP 5:

Reattach the reworked Air Guides to the reworked Grille Lower, then reinstall the Grille Lower and Air Guide assy to the Bumper Fascia.

# Triton Nudge Bar Fitting Instructions

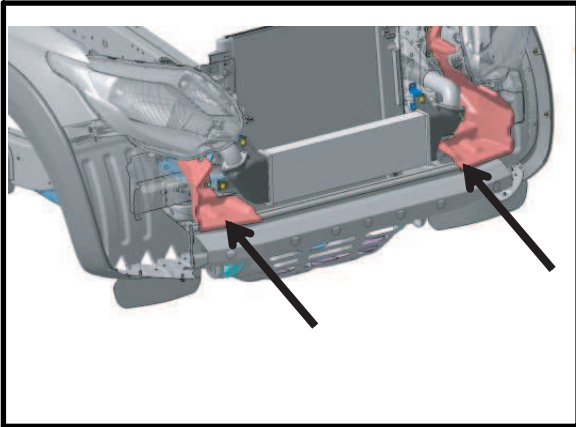


FIGURE 6

## STEP 6:

Remove the Fog Lamp Splash Shields from the vehicle.

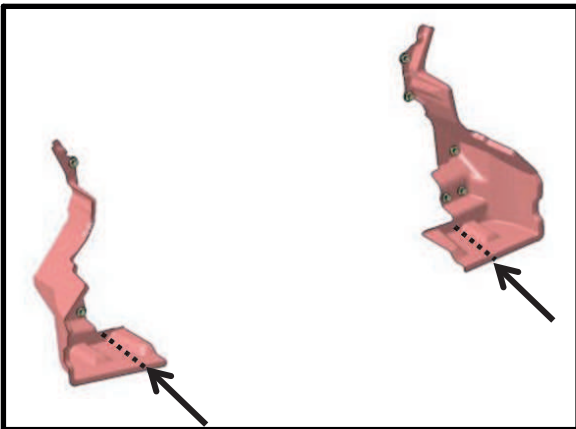


FIGURE 7

## STEP 7:

On the Fog Lamp Splash Shields, mark a line parallel with the vertical face approx 65mm from the inner edge.

Using tin snips or similar, cut the Splash Shields to provide Nudge Bar mounting brkt clearance.

Discard the loose segments. Reattach the Splash Shield to the vehicle.

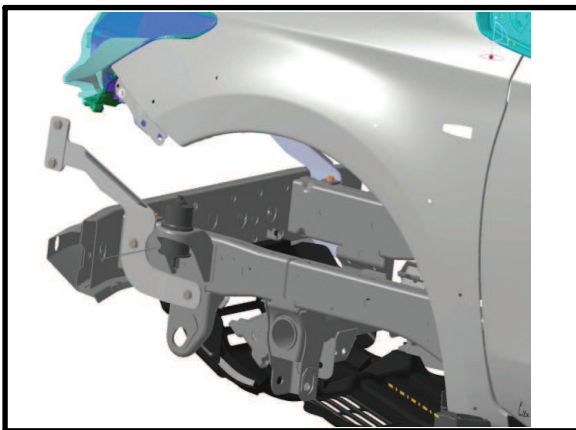


FIGURE 8

## STEP 8:

Secure the LHS Mounting Brkt to the vehicle Chassis with:  
M10 Bolts (Item E - PA119) x 2  
M10 Washers (Item H - PA221 x 1, Item J - PA222 x 2)  
M10 Nuts (Item G - PA181) x 2  
M8 Bolt (Item F - PA160) x 1  
M8 Washer (Item K - PA239) x 1  
& M8 Nut Plate (Item D - MZ350415-300) x 1

Repeat for RHS Mounting Brkt.



ITEM E - M10 x 25 x 1.25P - TIGHTENING TORQUE = 44 +/- 2Nm



ITEM F - M8 x 25 x 1.25P - TIGHTENING TORQUE = 22 +/- 2Nm

## STEP 9:

Secure the Bumper Fascia back on to vehicle, taking care to guide the Nudge Bar Mounting Brkts through the clearance holes in the Grille Lower.

If fitted, reconnect the Fog Lamp Harness to the Fog Lamps.

Re-fit the Radiator Grille and Grille Infill Panel removed at Step 1.



FIGURE 9



# Triton Nudge Bar Fitting Instructions

## STEP 10:

Offer the Nudge Bar to the Mounting Brkts and secure with the M10 Bolts (Item E - PA119), M10 Washers (Item J - PA222) & M10 Nuts (Item G - PA181)

Note: the Stainless Steel Brkt is located outboard of the Painted Steel Brkts.



FIGURE 10

## STEP 11:

Ensure the Nudge Bar is correctly aligned vertically and horizontally.  
Using a Torque Wrench tighten all Bolts to the correct specification.



ITEM E - M10 x 25 x 1.25P - TIGHTENING TORQUE = 44 +/- 2Nm

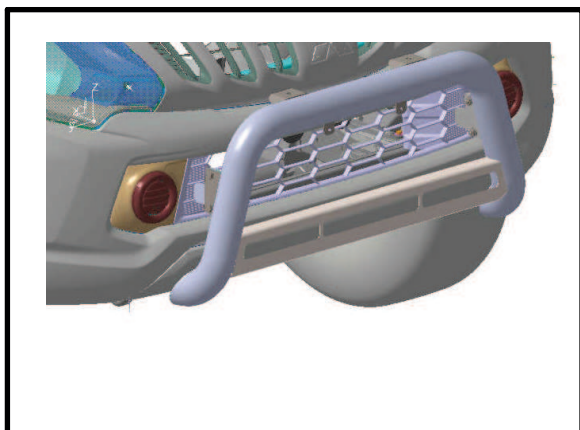


FIGURE 11

## STEP 12:

Re-fit the Wheel Arch Flares.



FIGURE 12

## STEP 13:

Fit the Licence Plate to the Tabs provided and secure with:  
M5 Pozidriv Screws (Item L - PA169) x 2  
M5 Washers (Item M - PJ790) x 4  
M5 Spring Washers (Item N - PA224) x 2  
& M5 Nuts (Item P - PJ789) x 2.

Using a Torque Wrench tighten all Fasteners to the correct specification.



ITEM L - M5 x 16 x 0.8P - TIGHTENING TORQUE = 3 +/- 0.5Nm

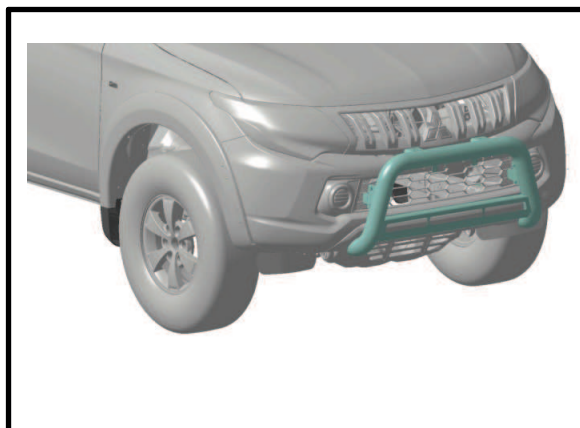


FIGURE 13

# Triton Nudge Bar Fitting Instructions

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## CARE AND HANDLING

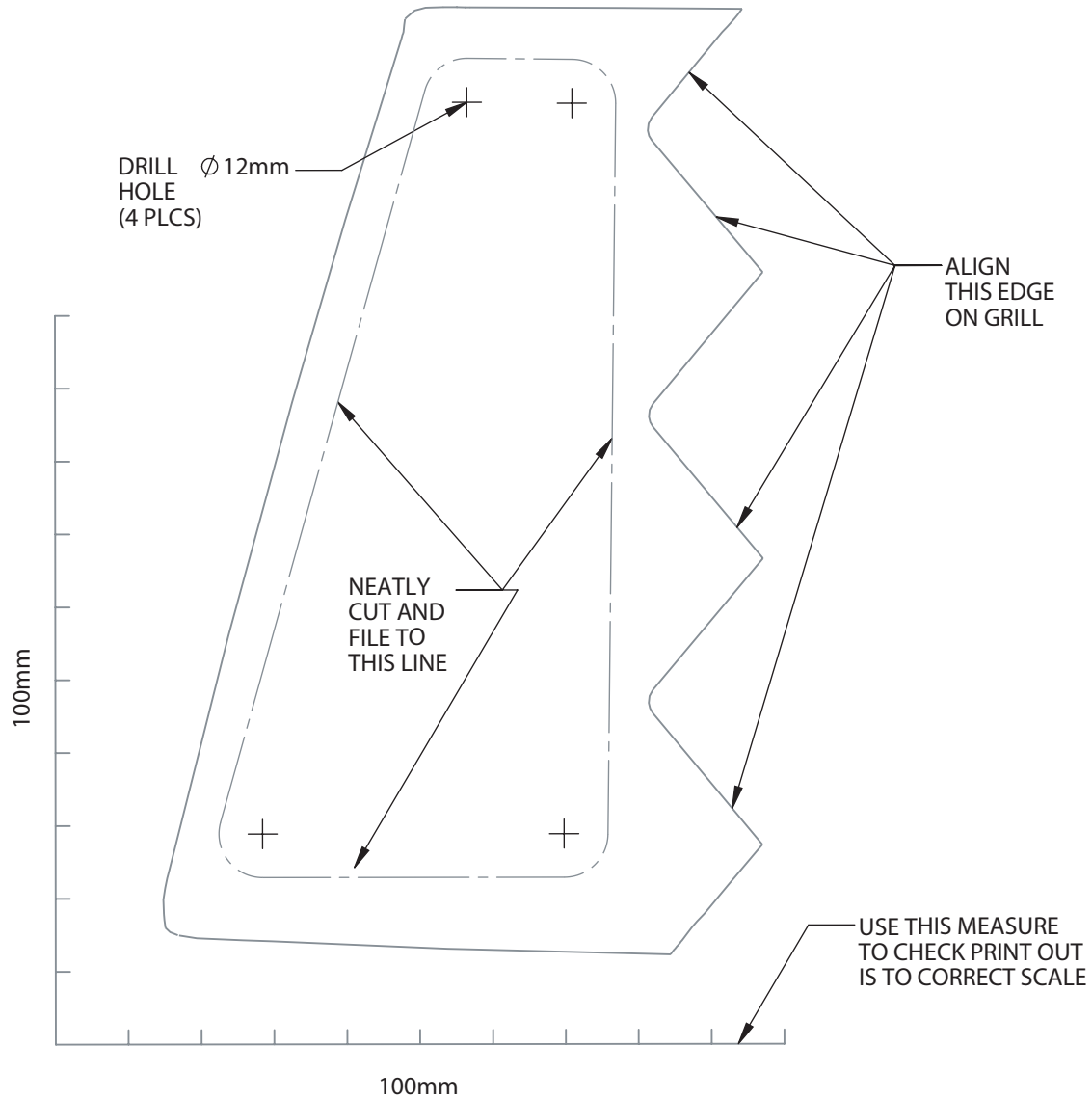
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- Do Not remove the compliance plate or label from the product
- This product has a polished stainless steel finish and has no protective coating, therefore, it's luster will reduce as time passes. To maintain the luster:
  1. Apply "3M Finesse-it" or "3M stainless Steel and polish" or equivalent metal polishing agent onto a clean cloth.
  2. Gently rub over the affected area like polishing the vehicle's paint surface.
  3. Buff off using clean cloth.
  4. Repeat the above process if required.

**Please place the Installation Manual in the glove box after installation is complete**



## LHS GRILL CUT OUT TEMPLATE



## RHS GRILL CUT OUT TEMPLATE

