



COBRA RUNNING BOARD

PART #: TAC-TWB-015

FITS: 2020-Up Toyota Highlander



60-120 min



Cutting Required



Drilling Not Required

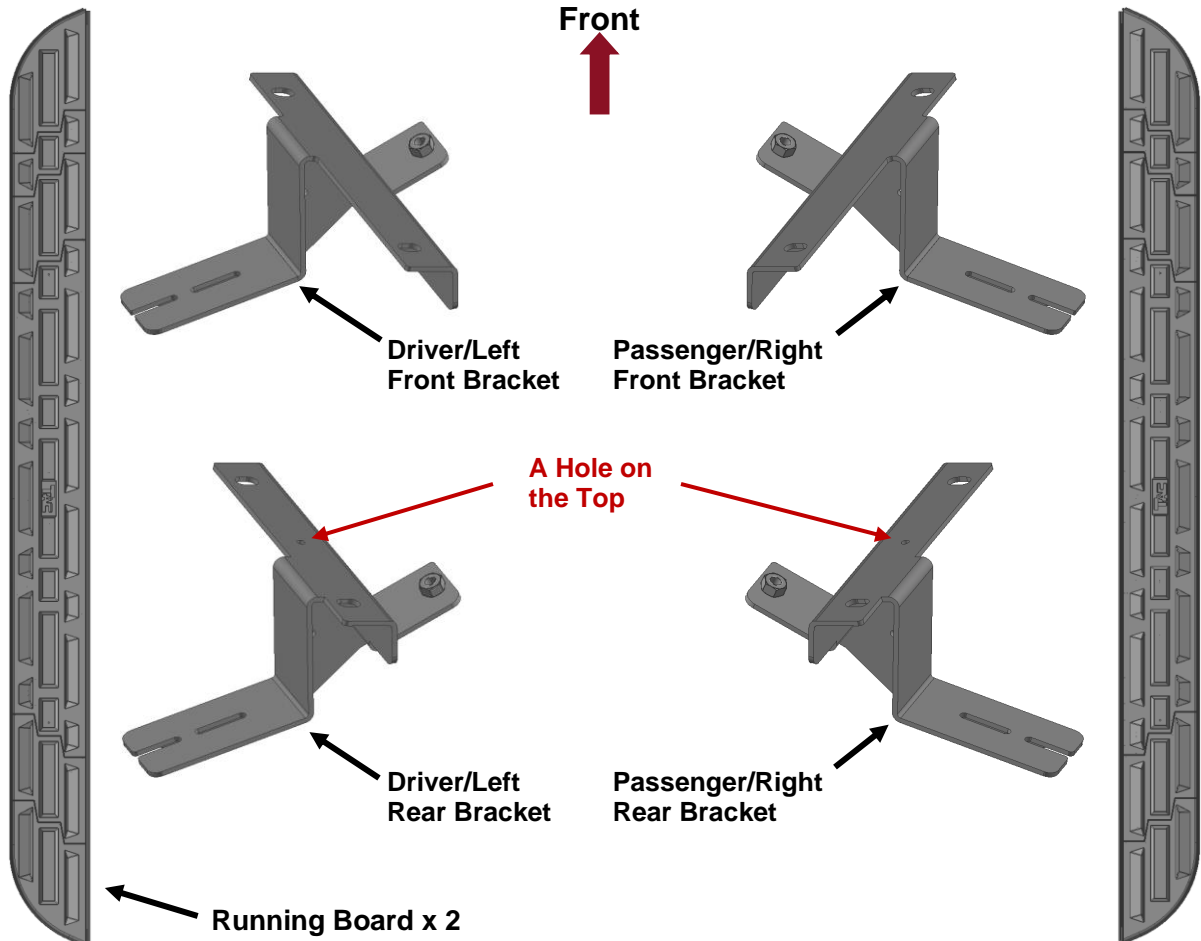
Torque & Tools

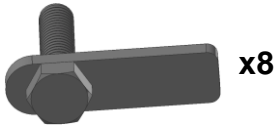
Fastener Size	Tightening Torque (ft-lbs)	Wrench Required	Allen Wrench Included	
			<input type="checkbox"/>	<input type="checkbox"/>
<input checked="" type="checkbox"/> 6mm	<input checked="" type="checkbox"/> 7-8.5		<input checked="" type="checkbox"/> 10mm	<input type="checkbox"/> 4mm
<input type="checkbox"/> 8mm	<input type="checkbox"/> 18-20		<input type="checkbox"/> 13mm	<input type="checkbox"/> 5mm
<input checked="" type="checkbox"/> 10mm	<input checked="" type="checkbox"/> 35-40		<input checked="" type="checkbox"/> 16mm	<input type="checkbox"/> 6mm
<input type="checkbox"/> 12mm	<input type="checkbox"/> 60-70		<input type="checkbox"/> 18mm	<input type="checkbox"/> 8mm

BEFORE INSTALLATION

REMOVE CONTENTS FROM BOX. VERIFY ALL PARTS ARE PRESENT. READ INSTRUCTIONS CAREFULLY BEFORE STARTING INSTALLATION. ASSISTANCE IS RECOMMENDED.

Part List





10mm x 40mm Bolt Plates

x8



10mm x 50mm Hex Bolts

x4



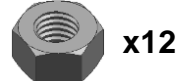
10mm x 27mm Flat Washers

x12



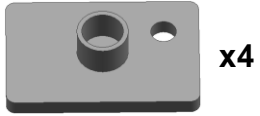
10mm Lock Washer

x12



10mm Hex Nuts

x12



Support Plate

x4



6mm x 20mm T-Bolts

x8



6mm x 22mm Flat Washers

x8



6mm Lock Washers

x8



6mm Hex Nuts

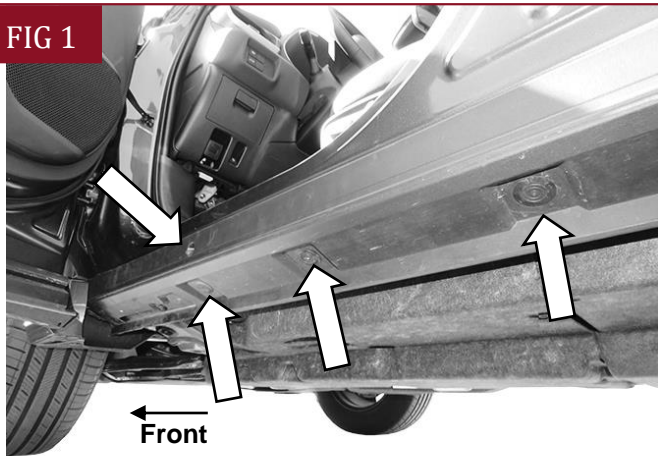
x8

PLEASE NOTE THAT THE FOLLOWING PICTURES ARE BASED ON THE DRIVER SIDE INSTALLATION

STEP 1

Starting on the Driver/Left side of the vehicle, open the doors to remove the screws attaching the plastic trim to the vehicle. Remove the plugs from the plastic trim. Gently pull the plastic trim away from the vehicle, **(Fig 1)**.

FIG 1

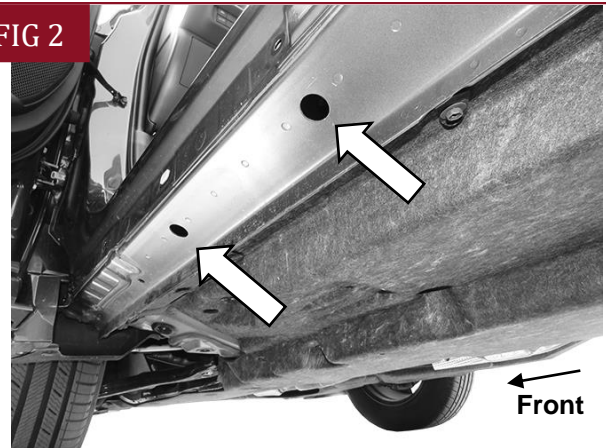


(Fig 1) Remove the plugs and screws to remove the plastic trim

STEP 2

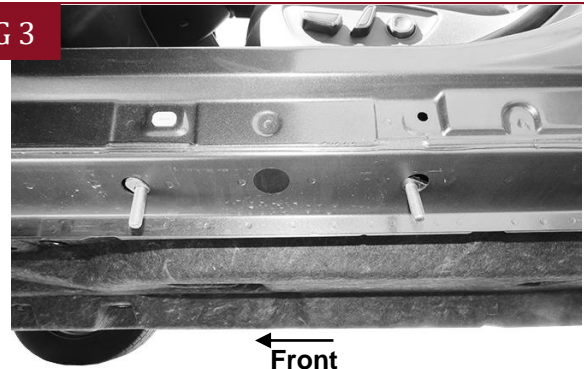
Move to the front location under the Driver/Left front door, **(Fig 2)**. Select (2) 10mm Bolt Plates. Insert the Bolt Plates into the holes, **(Fig 3)**.

FIG 2



(Fig 2) Insert (2) 10mm Bolt Plates into the holes in the floor panel

FIG 3



(Fig 3) (2) 10mm Bolt Plates inserted into the holes in the floor panel

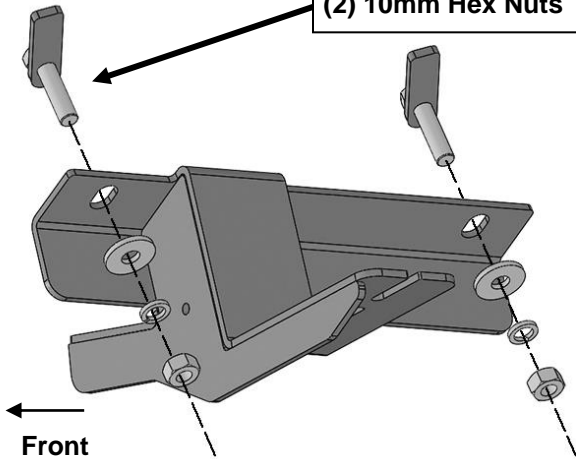
STEP 3

Select the Driver/Left Front Mounting Bracket.

IMPORTANT: The Front, Rear Brackets are similar but unique. Please identify it according to the Part List. Attach the Bracket to the (2) 10mm Bolt Plates with (2) 10mm Flat Washers, (2) 10mm Lock Washers and (2) 10mm Hex Nuts, (Figs 4 & 5). Do not tighten hardware at this time.

FIG 4

(2) 10mm Bolt Plates
(2) 10mm Flat Washers
(2) 10mm Lock Washers
(2) 10mm Hex Nuts



(Fig 4) Attach the Driver/Left Front Mounting Bracket to the (2) 10mm Bolt Plates

FIG 5



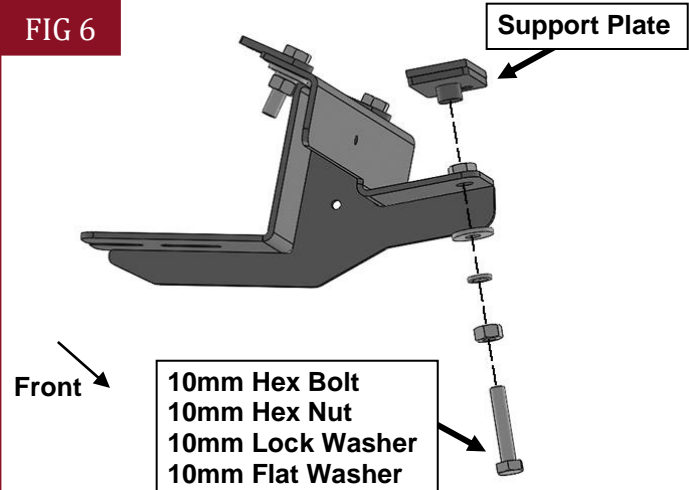
(Fig 5) Driver/Left Front Mounting Bracket attached to the front location

STEP 4

Select (1) Support Plate.

- Thread (1) 10mm Hex Nut to (1) 10mm x 50mm Hex Bolt.
- Slide (1) 10mm Lock Washer and (1) 10mm Flat washer onto the 10mm Hex Bolt.
- Thread the 10mm Hex Bolt assembly into the welded nut on the back of the Mounting Bracket. Place the Support Plate onto the end of the 10mm Hex Bolt, (Fig 6).
- Tighten Hex Bolt to place the Support Plate onto the floor panel. Do not tighten Hex Bolt all the way. **NOTE:** Use the 10mm Hex Nut to adjust the level of the Mounting Bracket.

FIG 6

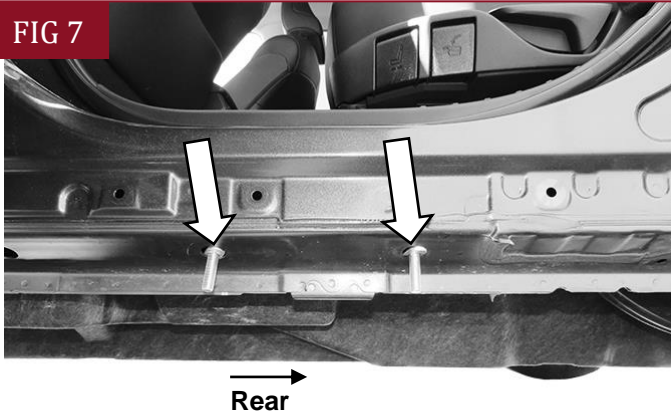


(Fig 5) Use the Support Plate to level the bracket (Note: Use the Hex nut as an adjuster)

STEP 5

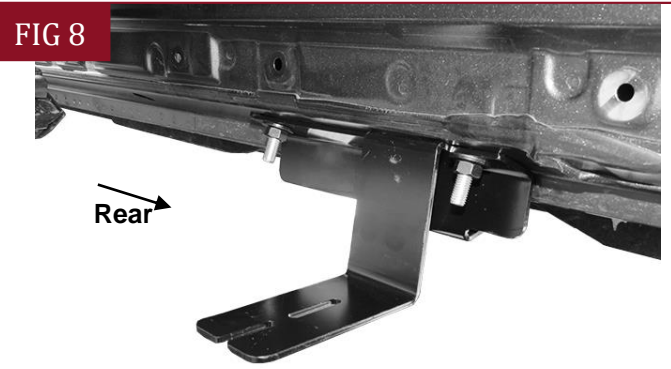
Select the Driver/Left Rear Mounting Bracket. Repeat **Steps 1—4** to attach the Bracket to the rear location, (Figs 7 & 8). Do not tighten hardware at this time.

FIG 7



(Fig 7) Insert (2) 10mm Bolt Plates into the holes in the floor panel

FIG 8

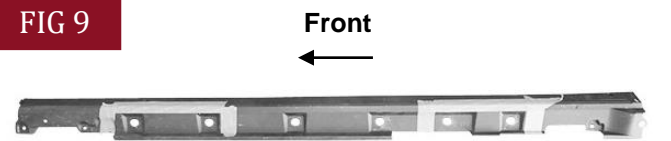


(Fig 8) Driver/Left Rear Mounting Bracket attached to the floor panel

STEP 6

Place the Plastic Trim onto the Mounting Brackets. Determine where the trim needs to be cut and mark with tape, (Fig 9). Using a hacksaw or knife, make small cuts on the marked trim. Reattach the plastic trim to the vehicle.

FIG 9

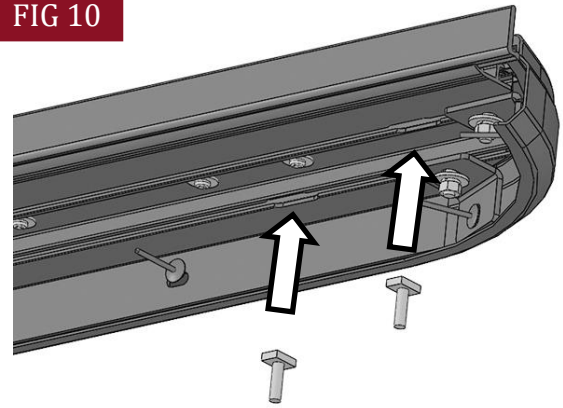


(Fig 9) Mark the plastic trim with tape and cut to clear Mounting Brackets

STEP 7

Carefully unwrap (1) Running Board. From the front, slide (2) T-Bolts into each channel in the bottom of the Running Board, (Fig 10). Slide the T-Bolts forward or back to line up with the slots in the (2) previously installed Mounting Brackets. Hold the Running Board up to the vehicle at a slight angle and gently push it into position against the rocker panel. Loosen Brackets if necessary. Insert the T-Bolts through the slots in the Brackets, (Fig11).

FIG 10

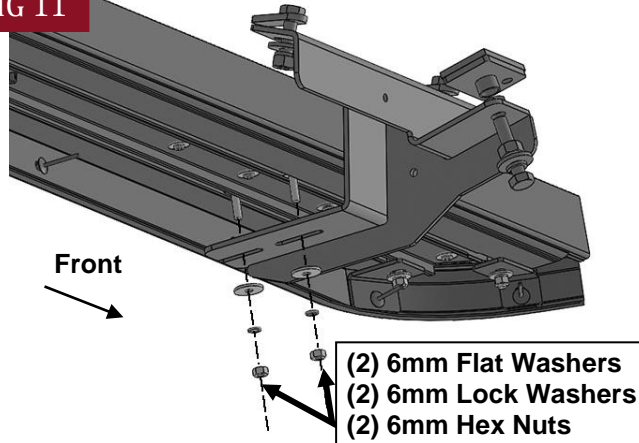


(Fig 10) Insert (6) T-Bolts into the bottom of the Running Board, (3) per channel

STEP 8

Attach the Running Board to the Mounting Brackets with (4) 6mm Flat Washers, (4) 6mm Lock Washers and (4) 6mm Hex Nuts, (Fig 11). Do not tighten hardware at this time.

FIG 11



(Fig 11) Attach (1) Running Board to the Mounting Brackets

STEP 9

Level and adjust the Running Board and tighten all hardware.

STEP 10

Repeat **Steps 1—9** to attach the other Running Board onto the Passenger/Right side.

STEP 11

Do periodic inspections to the installation to make sure that all hardware is secure and tight.

Attention

To protect your investment, do not use any type of polish or wax that may contain abrasives that could damage the finish.

Mild soap may be used also to clean the Running Boards.