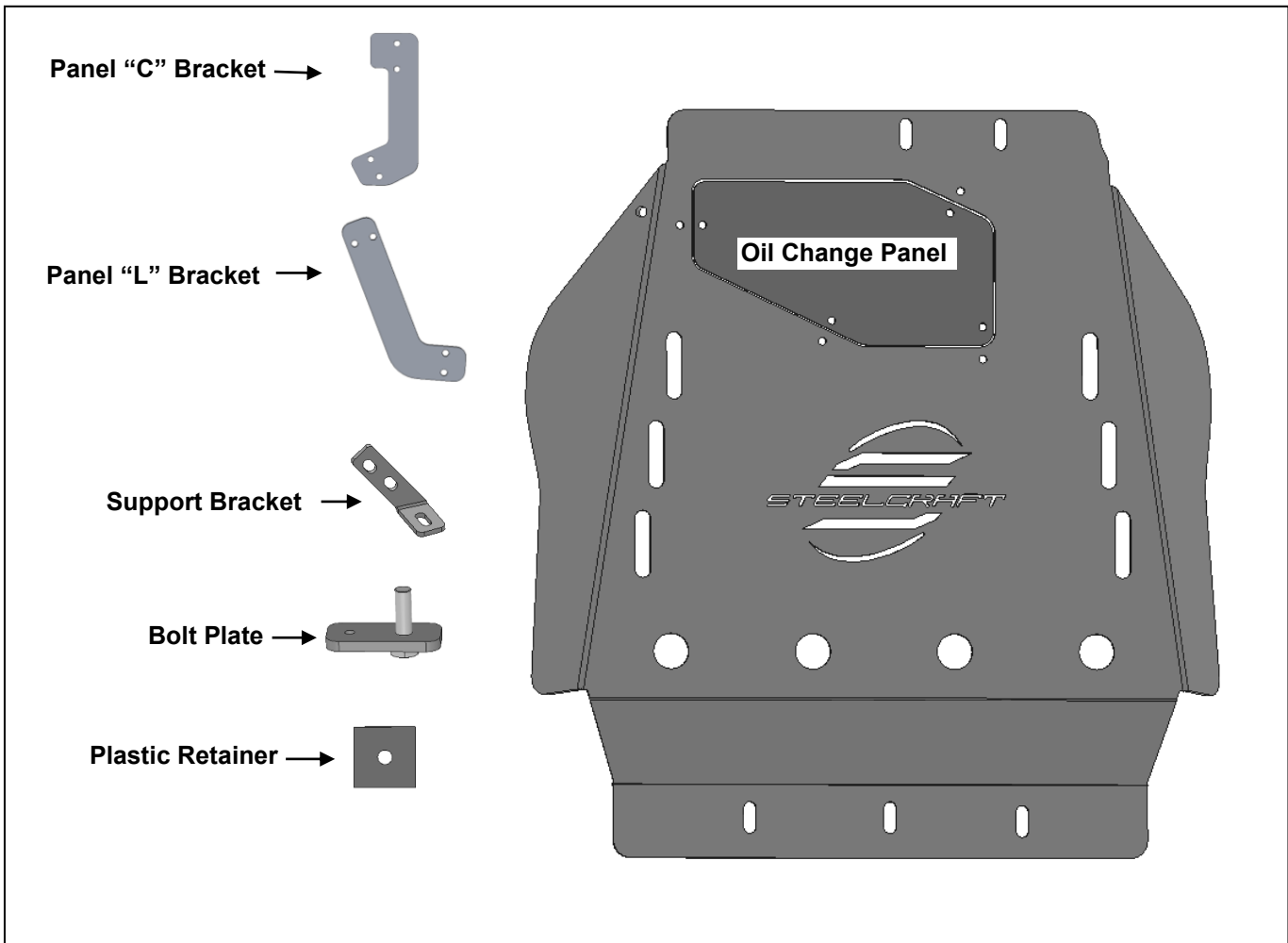


PARTS LIST:

Qty	Description	Qty	Description
1	Skid Plate	5	10mm Lock Washers
1	Support Bracket	2	8mm x 24mm x 2mm Flat Washers
1	Oil Change Panel	1	8mm x 40mm Hex Bolt
1	Panel "C" Bracket	1	8mm Nylon Lock Nut
1	Panel "L" Bracket	2	8mm Plastic Retainer
1	M10 Bolt Plate	8	6mm x 25mm Hex Bolts
4	10-1.5mm x 40mm Hex Bolts	12	6mm x 18mm x 1.6 Flat Washers
6	10mm Plastic Retainers	4	6mm Nylon Lock Nuts
1	10mm Hex Nut	4	M6 lock washers
5	10mm x 30mm x 2.5mm Flat Washers		



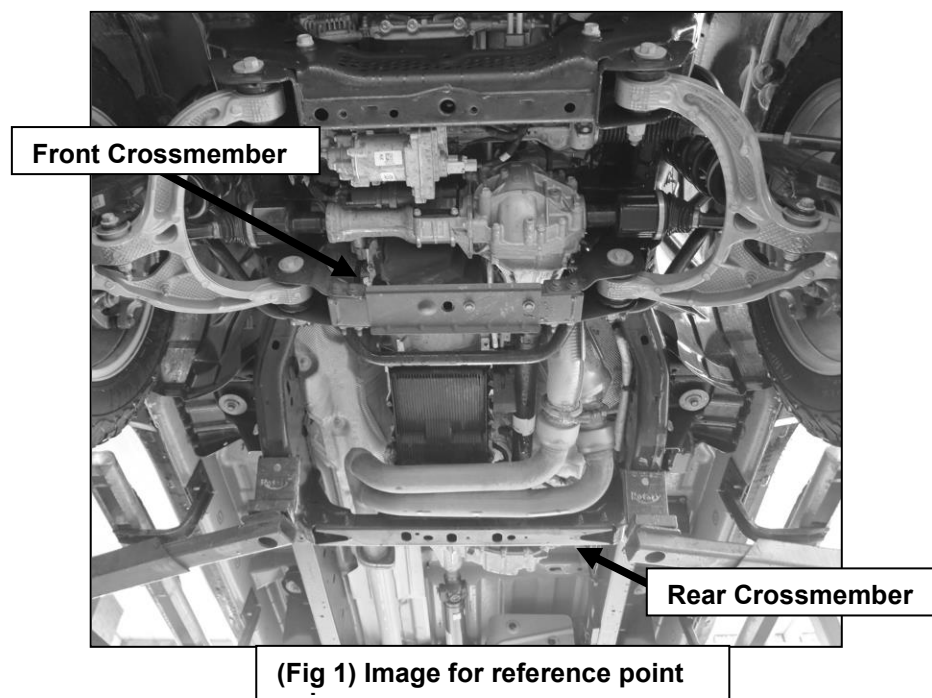
PROCEDURE:

REMOVE CONTENTS FROM PACKAGING. VERIFY ALL PARTS ARE PRESENT. READ INSTRUCTIONS CAREFULLY BEFORE STARTING INSTALLATION. ASSISTANCE IS HIGHLY RECOMMENDED. DEPENDING ON YOUR VEHICLE, NOT ALL PROVIDED HARDWARE WILL BE USED AND/OR SOME OE HARDWARE CAN BE RE-USED. ALL OE SKID PLATES/SPLASH GUARDS WILL HAVE TO BE REMOVED.

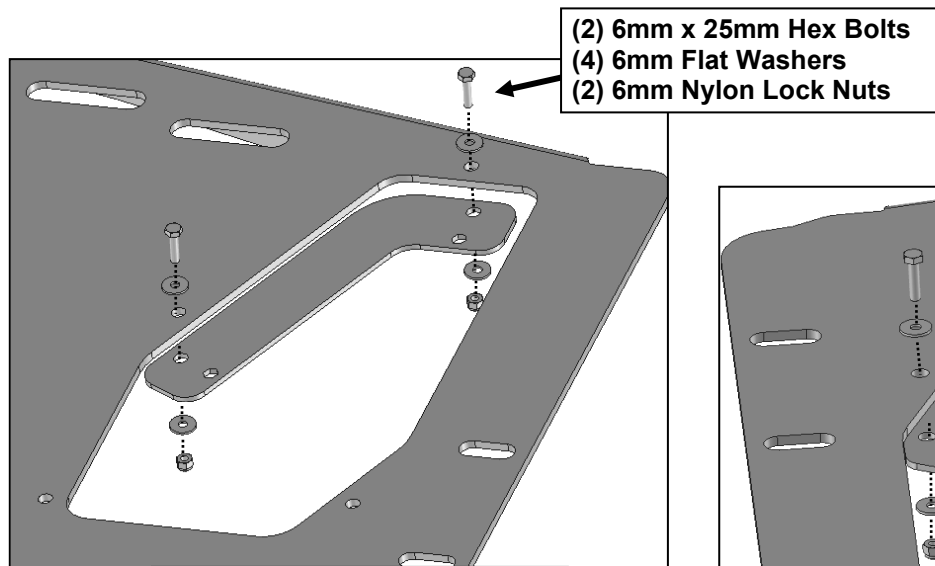
1. Begin by assembling the Oil Change Panel by selecting both the Panel "C" Bracket and Panel "L" Bracket. Attach both brackets to the back of the skid plate with the included (4) 6mm x 25mm Hex Bolts, (8) 6mm Flat Washers, and (4) 6mm Nylon Lock Nuts, **(Figure 2 & 3)**. Do not tighten hardware.

STEELCRAFT SKID PLATE
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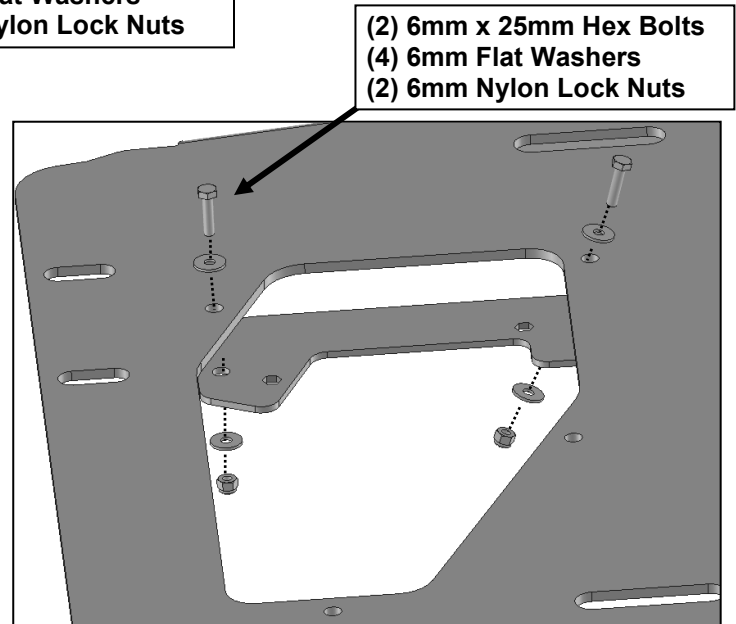
2. Temporarily attach Oil Change Panel to make sure holes are aligned using (4) 6mm x 25mm Hex Bolts, **(Figure 4)**. Fully tighten C and L Brackets to the Skid Plate.
3. Remove Oil Change Panel and set to the side for later installation.
4. Next, locate front frame crossmember of the engine **(Figure 1)**. Begin by removing the two factory bolts securing the sheet metal panel to the frame crossmember (if equipped) **(Figure 5)**. **NOTE:** The sheet metal panel **(Figure 6)** will not be reused.
5. Next, remove the two factory nuts on the passenger side crossmember bracket, **(Figure 5)**.
6. Attach the Support Bracket where the factory nuts were removed in the previous step. Use factory nuts to attach Support Bracket. Do not fully tighten, **(Figure 7)**.
7. Next, move to the rear cross member, **(Figure 1)**, and remove the two factory bolts from the rear crossmember of the transmission (if equipped), **(Figure 8)**, and insert the bolt plate into the opening on passenger side hole, **(Figure 9)**. Attach (1) 10mm Plastic Retainer to secure the Bolt Plate **(Figure 10)**.
8. With assistance, position and support the Skid Plate beneath the transmission. Attach the rear of the skid plate to the rear crossmember factory threaded holes using the provided (2) 10mm x 40mm Hex Bolts, (2) 10mm Lock Washers, (2) 10mm Flat Washers, (2) 10mm Plastic Retainers. Next, attach the Skid Plate to the Bolt Plate using, (1) 10mm Lock Washers, (1) 10mm Flat Washers, (1) 10mm Plastic Retainer and (1) 10mm Hex Nut, **(Figure 11 & 12)**. Do not tighten hardware at this time.
NOTE: Plastic Retainers are used here as isolators to help prevent galvanic corrosion.
9. Attach the front of the Skid Plate to the front crossmember factory threaded holes using (2) 10mm x 40mm Hex Bolts, (2) 10mm Flat Washers, (2) 10mm Lock Washers, and (2) 10mm Plastic Retainers. Next, attach Skid Plate to Support Bracket using (1) 8mm x 40mm Hex Bolts, (2) 8mm Flat Washers, (2) 8mm Plastic Retainers and (1) 8mm Nylon Lock Nut, **(Figure 13 & 14)**. Fully tighten hardware.
10. Attach Oil Change Panel to the Skid Plate using (4) 6mm x 25mm Hex Bolts, (4) 6mm Lock Washers, and (4) Flat Washers **(Figure 15)**.
11. Perform periodic inspections to the installation to make sure that all hardware is secure and tight.



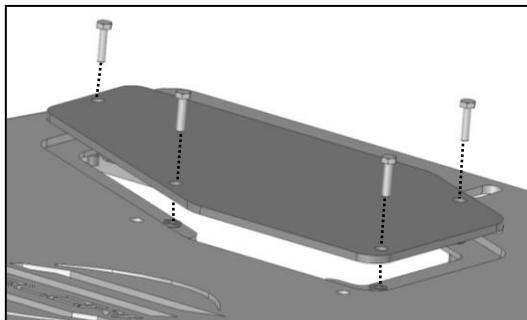
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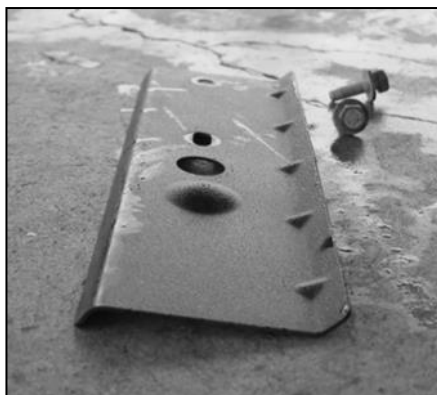
(Fig 2) Attach Panel L Bracket to back of Skid Plate.



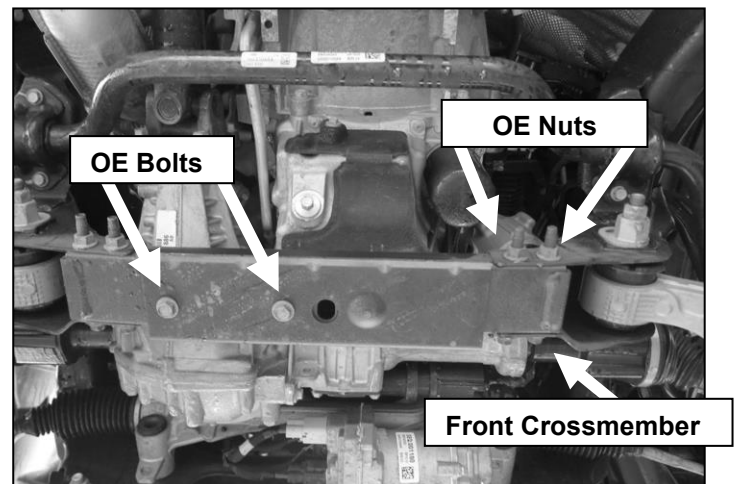
(Fig 3) Attach C Bracket to back of Skid Plate.



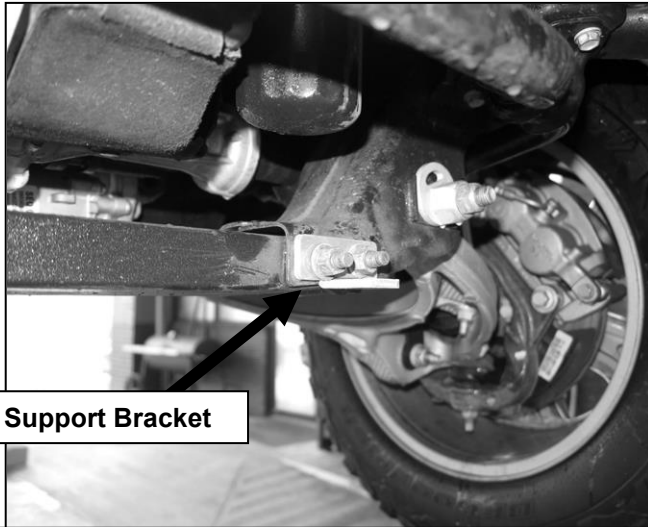
(Fig 4) Temporarily attach Oil Change Panel to the C and L bracket. Next, fully tighten C and L Bracket to the Skid Plate. Remove Oil Change Panel when finished.



(Fig 6) Panel removed

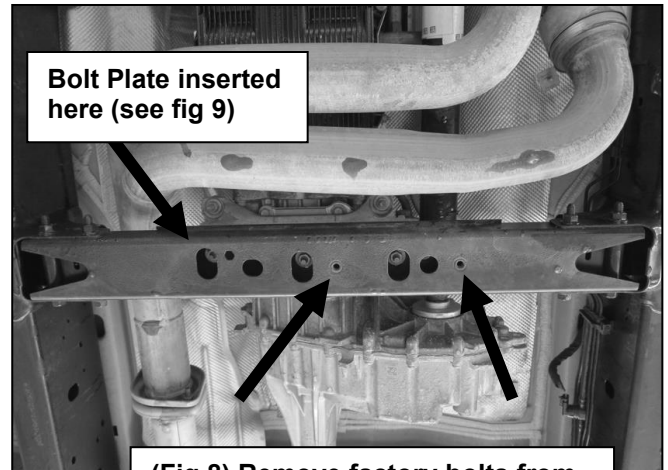


(Fig 5) Remove 2 OE bolts and the panel attached to the bottom of crossmember (if equipped). Remove 2 OE nuts on the back of the passenger side crossmember and set to the side, they will be re-used. NOTE: Long bolts remain in place.



Support Bracket

(Fig 7) Attach Support Bracket to front passenger side crossmember using factory nuts removed in Fig 5.



Bolt Plate inserted here (see fig 9)

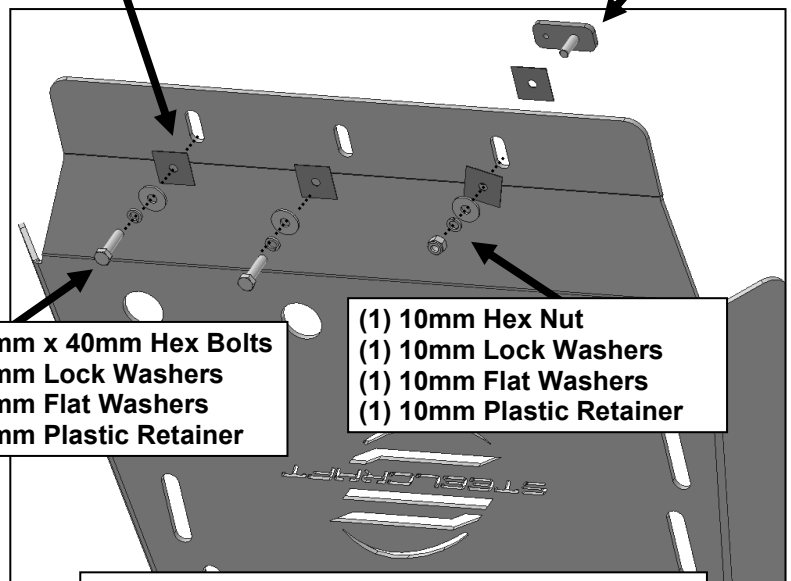
(Fig 8) Remove factory bolts from rear crossmember (if equipped).



(Fig 9) Insert Bolt Plate in rear crossmember hole pointed out in Fig 8

Insert Plastic Retainers between Flat Washer and Skid Plate to minimize corrosion.

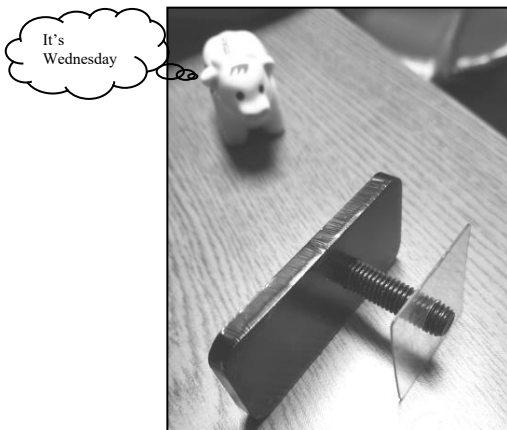
NOTE: Bolt Plate and Plastic Retainer was placed for reference—it should already be installed



(2) 10mm x 40mm Hex Bolts
(2) 10mm Lock Washers
(2) 10mm Flat Washers
(2) 10mm Plastic Retainer

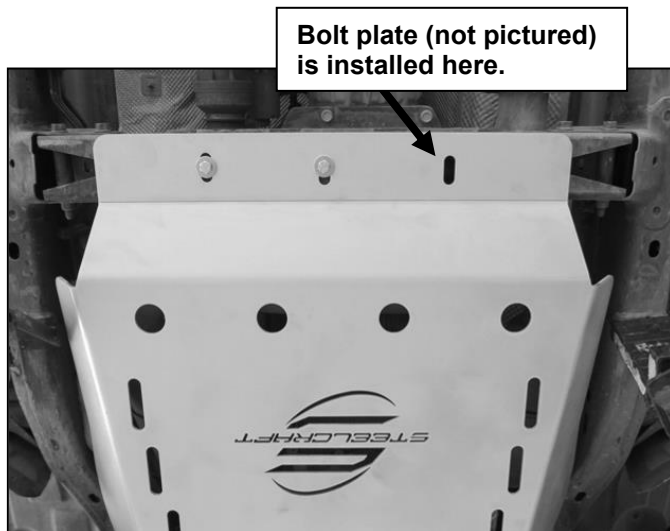
(1) 10mm Hex Nut
(1) 10mm Lock Washers
(1) 10mm Flat Washers
(1) 10mm Plastic Retainer

(Fig 11) Attach Skid Plate to rear crossmember



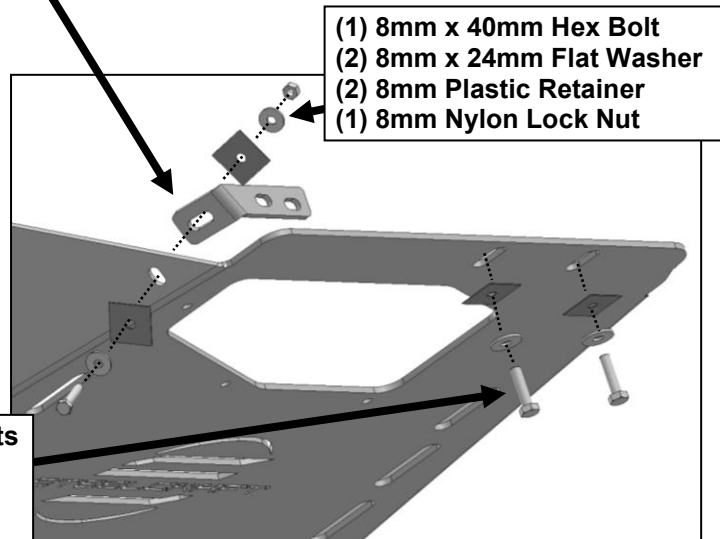
(Fig 10) Twist/slide Plastic Retainer on Bolt Plate to keep bolt in place.

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(Fig 12) Skid Plate attached to rear crossmember.

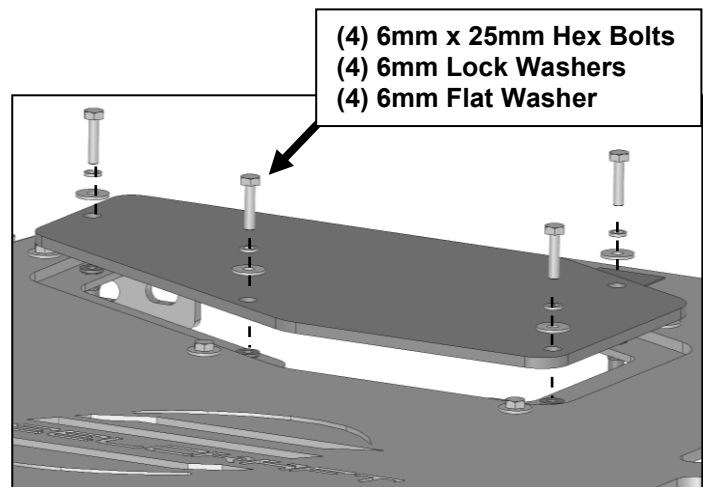
NOTE: Support bracket was placed for reference—it should already be installed



(Fig 13) Attach front of Skid Plate to front crossmember and Support Bracket.



(Fig 14) Skid Plate attached to front crossmember



(Fig 15) Attach Oil Change Panel to the Skid Plate

Due to the unpredictable flow characteristics of engine oil at varying temperatures, we recommend removing the skid plate for a drip-free service. Some engine variants may benefit from installing an easy-drain-valve.