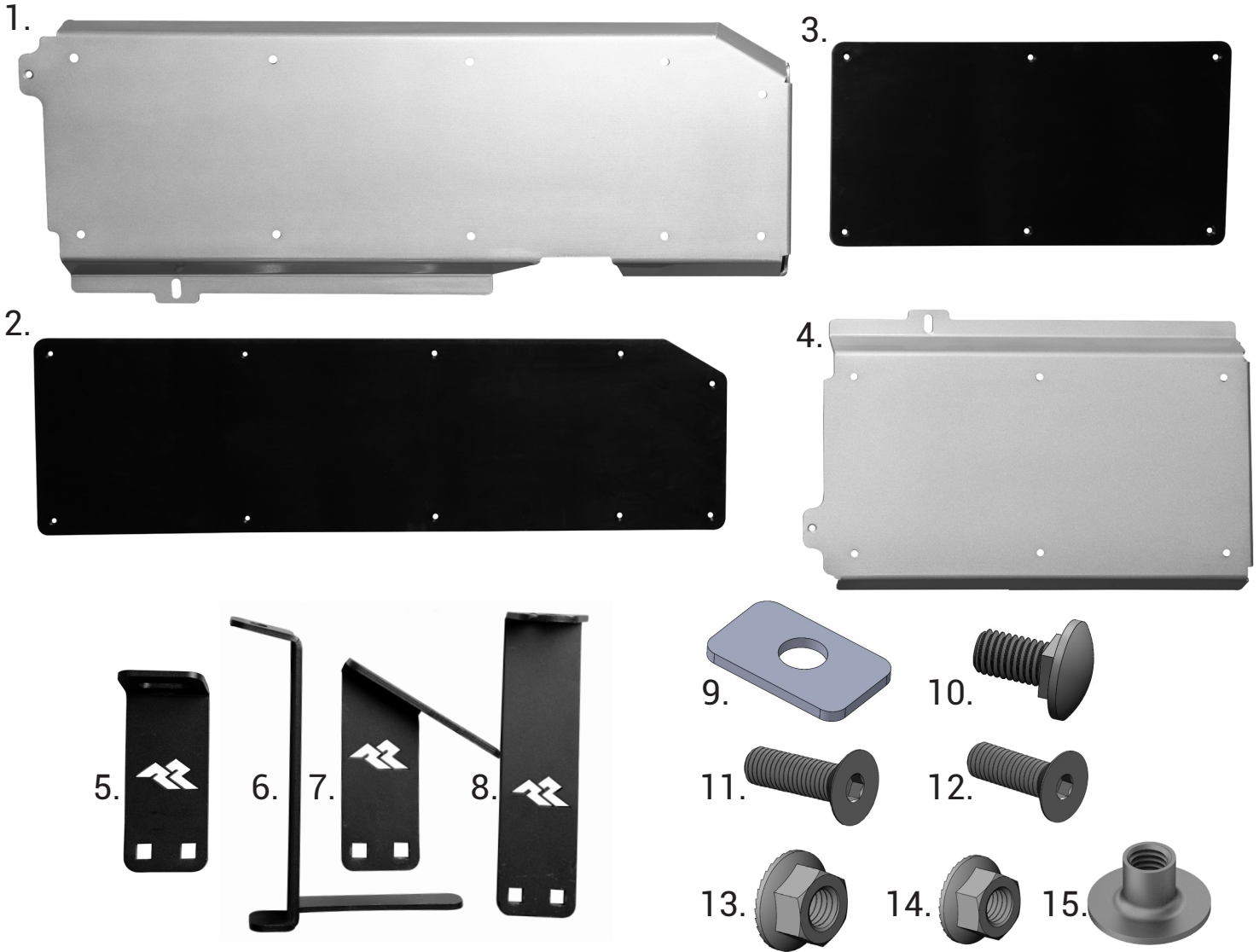


Skid Plate, Gas Tank / Exhaust, Jeep JL 4-Door

18003.53

Components and Hardware:



Components and Hardware:

1. Gas Tank Skid Aluminum.....	(1)	11. M8 X 1.25 25mm, Flat Head Bolt.....	(8)
2. Gas Tank Skid UHMW Outer Panel.....	(1)	12. M8 X 1.25 15mm, Flat Head Bolt.....	(10)
3. Exhaust Skid UHMW Outer Panel.....	(1)	13. M10 X 1.50, Flange Nut.....	(6)
4. Exhaust Skid Aluminum.....	(1)	14. M8 X 1.25, Flange Nut.....	(6)
5. Exhaust Skid Bracket.....	(1)	15. M8 X 1.25, Round Base Flat Nut.....	(10)
6. Gas Tank Support Bracket.....	(1)		
7. Gas Tank Skid Bracket, Rear Frame Side	(1)		
8. Gas Tank Skid Bracket, Rear Inside	(1)		
9. Spacer to Frame Rail.....	(2)		
10. M10 X 1.50 20mm, Carriage Bolt	(6)		

NOTE: This gas tank and exhaust skid can ONLY be installed with the Rugged Ridge engine and transmission skid plate 18003.52 kit. Refer to the 18003.52 instructions before installing this kit.

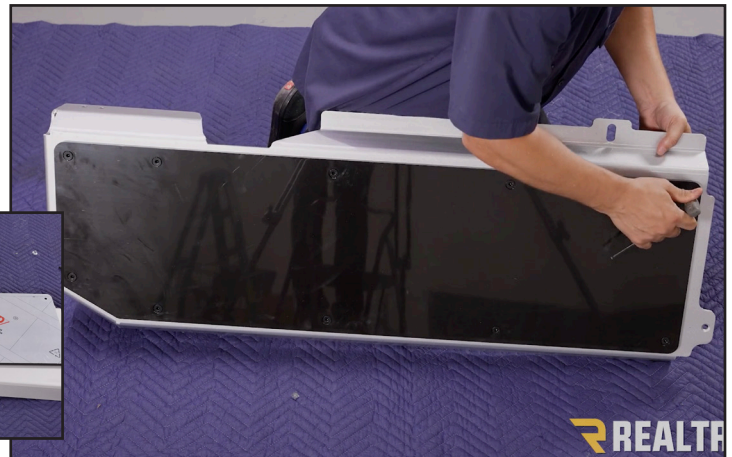
Skid Plate, Gas Tank / Exhaust, Jeep JL 4-dr

STEP 1:

Install UHMW outer panel (3) to exhaust skid (4). The UHMW panels have a protective film applied. Remove the film from both sides of the panels. Attach the UHMW panels to the engine skid using the longer M8 flat head bolt (11) and flange nut (14).


STEP 2:

Install UHMW outer panel (2) to gas tank skid (1). The UHMW panels have a protective film applied. Remove the film from both sides of the panels. Attach the UHMW panels to the engine skid using the shorter M8 flat head bolt (12) and round base flat nut (15).


STEP 3:

With your exhaust skid bracket (5) in the inside of your exhaust skid plate (4), use M10 carriage bolts (10) through the inside of the mount into the skid plate and secure with M10 flange nuts (13). Attach both carriage bolts, but DO NOT fully tighten at this time.



Skid Plate, Gas Tank / Exhaust, Jeep JL 4-dr

STEP 4:

With your gas tank skid bracket (7) in the inside of your gas tank skid plate (1), use M10 carriage bolts (10) through the inside of the mount into the skid plate and secure with M10 flange nuts (13). Attach both carriage bolts, but DO NOT fully tighten at this time.



STEP 5:

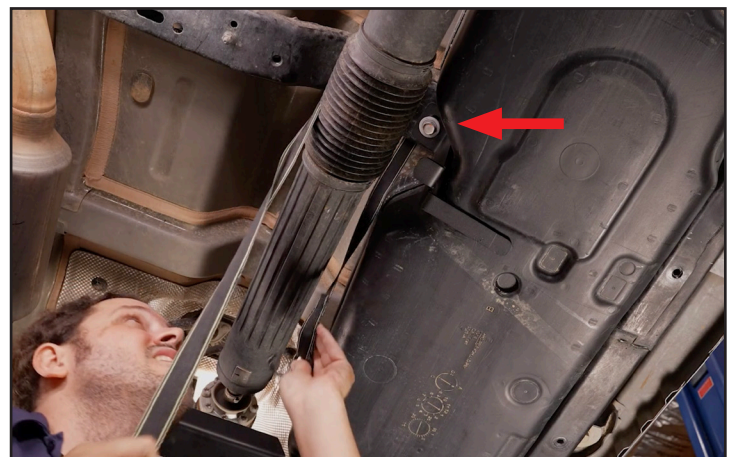
With your gas tank skid bracket (8) in the inside of your gas tank skid plate (1), use M10 carriage bolts (10) through the inside of the mount into the skid plate and secure with M10 flange nuts (13). Attach both carriage bolts, but DO NOT fully tighten at this time.



STEP 6:

NOTE: At this time you must have installed the Rugged Ridge engine and transmission skid plate 18003.52. This gas tank and exhaust skid can ONLY be installed with the 18003.52 kit

Add the additional gas tank support bracket (6) using OE hardware and mounts to the cross member near the center of the tank. At this time the ratchet strap can be removed from the gas tank.



Skid Plate, Gas Tank / Exhaust, Jeep JL 4-dr

STEP 7:

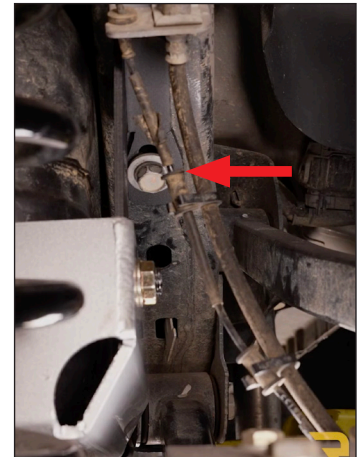
Bring the gas tank skid (1) into place. We highly suggest to either have a friend assist in holding it into place or use a jack. If using a jack make sure to not scratch your UHMW. That's to be damaged later on the trails...



STEP 8:

Using OE hardware thread bolt into the gas tank bracket rear inside (8) into the cross member.

Using OE hardware, thread bolt into the gas tank bracket rear frameside (7) into the framerail. DO NOT fully tighten at this time.



STEP 9:

Towards the front of the gas tank skid on the framerail side, insert the spacer (9) between the framerail and skid plate. Attach using OE hardware. DO NOT fully tighten at this time.



Skid Plate, Gas Tank / Exhaust, Jeep JL 4-dr

STEP 10:

Thread the M8 flat head bolt (11) into the nut plate of the transmission cross member.

At this time adjust gas tank skid plate and fully tighten all it's hardware.



STEP 11:

Bring the exhaust skid (4) into place. We highly suggest to either have a friend assist in holding it into place or use a jack. If using a jack make sure to not scratch your UHMW.

Using OE hardware thread bolt into the exhaust bracket (5) into the cross member. DO NOT fully tighten at this time.



STEP 12:

Towards the front of the exhaust skid on the framerail side, insert the spacer (9) between the framerail and skid plate. Attach using OE hardware. DO NOT fully tighten at this time.



Skid Plate, Gas Tank / Exhaust, Jeep JL 4-dr

STEP 13:

Thread the M8 flat head bolt (11) into the nut plate of the transmission cross member.

At this time adjust exhaust skid plate and fully tighten all it's hardware.

**STEP 14:**

Refer back to the instruction sheet for the engine and transmission skids 18003.52 step 26 to complete the install.

