



Jeep TJ Fuel Tank Skid Installation Instructions

Thank you for purchasing our product!

Installation Notes:

- Highly flammable fuel and vapors will be present when installing this product. Be sure to have a proper fire extinguisher and beware of any open flames or other ignition sources.
- It is helpful to have an assistant for the installation of this product.
- Refer to your factory service manual for removal of the factory fuel tank and skid.
- Drive the vehicle until as low of a fuel level as possible is achieved.
- At least a 1" body lift is required!
- After test fitting the skid plate it will need to be painted or powder coated.

Tools required:

- Floor jack or transmission jack
- Phillips head screwdriver
- Flat head screwdriver
- 3/8" Ratchet and socket set
- Wire Cutters

Contents of kit

Bill Of Materials For B4WK1157			
QTY	Part Number	Etch Number	Description
1	B4W188A99W	A99	TJ Fuel Tank Skid Bottom Welded
1	B4W188C01P	C01	TJ Fuel Tank Skid Back Inserted
1	B4W188C02	C02	TJ Fuel Tank Skid Front
1	B4W188C03	C03	TJ Fuel Tank Skid Side
8	25C75BCG5Z	NA	1/4"-20 X .75" Carriage Bolt Gr 5 Zinc
8	25CNNE0Z	NA	1/4"-20 Nylock Nut
5	960721	NA	1/4"-20 X 3/8" Countersunk Socket Cap Screw Black Oxide

Step 1:

Disconnect the negative battery terminal from the battery on the vehicle. If equipped, use the fuel pressure test port on the fuel rail to release the pressure in the fuel system.

Step 2:

The rear axle vent tube will be attached to the fuel filler hose with plastic zip ties. Cut the zip ties to release the vent tube from the filler hose. The plastic inner fender may need to be removed to access the filler hose assembly.

Step 3:

Disconnect all lines from the fuel tank. Older models will also have a grounding strap that will attach to the rear shock mount. All lines may not be able to be disconnected on later model Jeeps until the tank is lowered a few inches to gain access. Refer to your factory service manual for your model Jeep.

Step 4:

Support the fuel tank with a floor jack or transmission jack. Remove the 4 nuts across the back of the factory skid, then remove the 3 nuts on the front of the skid.

Step 5:

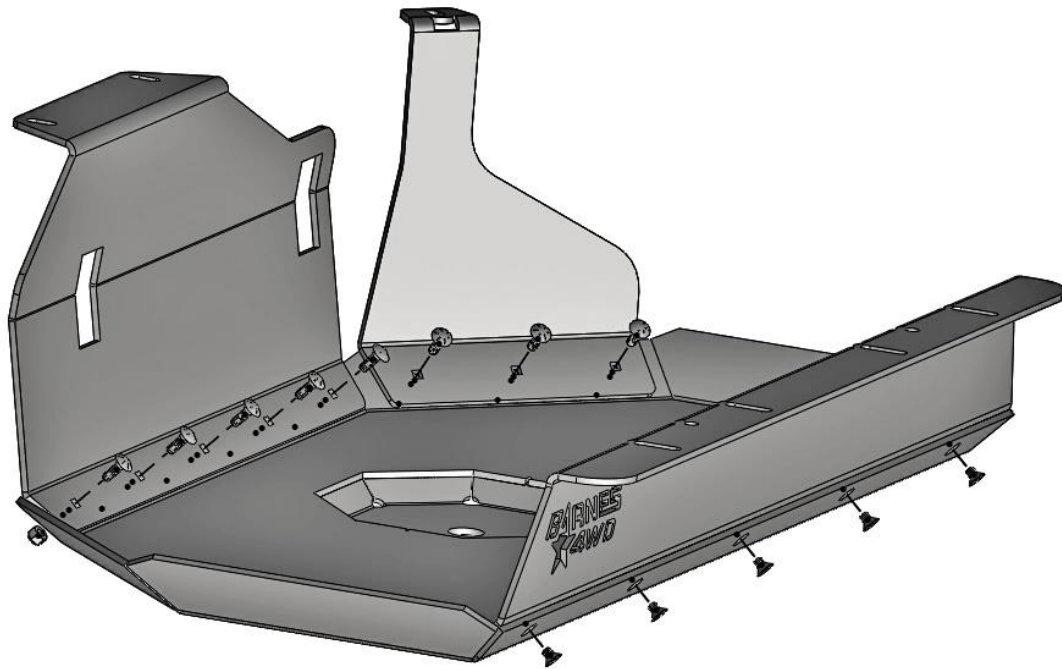
Lower the factory skid plate and fuel tank out of the vehicle. Lower the assembly slowly and verify that all lines have been disconnected.

Step 6:

Remove the two straps securing the fuel tank to the factory skid plate.

Step 7:

Assemble the new fuel tank skid plate, according to the diagram below. All flanges will be installed to the inside of the base. The carriage head bolt heads will need to face towards the inside of the skid plate with the nuts on the outside. The countersunk hardware will install in the corresponding countersunk holes in the back of the skid plate.



Step 8:

Route the straps through the square holes in the new skid. Place the fuel tank into the new skid plate.

Step 9:

Install the two nuts on the tanks straps and tighten to 120 in/lbs (10 ft/lbs).

Step 10:

Place the assembly on the jack and slowly lift it into place. Re-attach any lines that will not be accessible with the tank lifted into place, before completely raising the tank. Loosely install the 4 nuts across the rear and the 3 across the front of the skid.

Step 11:

Push the skid as far as possible towards the rear of the vehicle and tighten the 7 mounting nuts to 204 in/lbs (17 ft/lbs).

Step 12:

Reinstall all lines to the fuel tank and put the rear axle vent back in its original position zip tied to the filler neck.

Step 13:

Reconnect the negative battery terminal and start the vehicle. Verify that no fuel leaks are present.

Congratulations installation is now complete!

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