



INSTALLATION INSTRUCTIONS

Product: EVAP Canister Skid Plate

Part Number: JKS8125

Applications: Jeep Wrangler JK, 2012-2016

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Welcome

CONGRATULATIONS on purchasing the EVAP Canister Skid Plate from JKS Manufacturing. We are committed to providing you with the best products available and your satisfaction is our first priority.

PLEASE READ these Installation Instructions carefully, and save them for future reference, as they contain important installation and maintenance information.

Tools Required

- 13mm Socket & Wrench
- 16mm Standard Socket & Extension
- 1/2" Socket
- Small flat head screwdrivers

Notes

- Designed to work with stock exhaust / muffler, if aftermarket exhaust / muffler is used check for clearance to the EVAP Canister.

Parts

	Description	QTY
A	EVAP Canister Skid Plate	1
B	5/16" USS Washers	3
C	5/16" Locking Nut	1
D	Loctite	1

Installation

1. STOCK SKID PLATE REMOVAL

- With a 13mm socket and wrench, remove the bolt attaching the EVAP Canister to the stock skid plate. Pull the EVAP Canister towards the rear of the vehicle to release it from the stock skid plate. This will make it easier to move the EVAP Canister around to disconnect the hoses and wire harness.
- Remove the hard lines from the back of the EVAP Canister. There is a clip holding the hard line in that needs to be spread apart and pressed down to release the hard line from the EVAP Canister. It is easiest to use two small flat head screwdrivers to spread the clips and then press down on the clip.



- Disconnect the wire harness from the EVAP Canister on the detector (white body on the back of the EVAP Canister).



- Remove the soft line either from the detector or at the connection near the frame rail going up to the fuel filler neck.



- After all lines and electrical connections are removed from the EVAP Canister, remove the front two bolts from the stock skid plate, and then the rear bolt using a 16mm socket.
- Remove the EVAP Canister and stock skid plate from the vehicle.

2. EVAP CANISTER INSTALLTION

- Install two 5/16" Washers onto the 5/16" bolt welded on the bottom of the new JKS EVAP Canister Skid Plate. These will act as a spacer for the front of the EVAP Canister.



- If the detector and soft hose are still attached to the EVAP Canister, insert the soft hose first through the smaller hole on the new JKS EVAP Canister Skid Plate.
- Line up the two holes on the front of the new skid plate with the two mounting tabs on the EVAP Canister. Insert the two tabs into the hole and push the EVAP Canister in until the bolt on the new skid plate can be inserted through the mounting hole on the EVAP Canister.



- Use a 5/16" Washer and nut to attach the EVAP Canister to the new JKS EVAP Canister Skid Plate.



□ 3. FINAL INSTALLATION STEPS

- Using a standard 16mm socket and extension install the two front bolts through the new JKS EVAP Canister Skid Plate and into the frame. Do not tighten the bolts at this time and allow the assembly to hang from these bolts.



- Reattach the soft line to the detector if removed or reattach the connection near the frame rail going up to the fuel filler neck.
- Reconnect the wire harness to the detector.
- Reconnect the hard line / lines to the EVAP Canister, using the clips to secure the lines.



- Lightly pull on the lines to ensure they are connected, but do not pull hard enough to disconnect the lines / hoses.
- Apply Loctite to the rear bolt and lightly install the bolt. Remove the front two bolts and apply Loctite to the threads.
- Tighten all mounting hardware to factory specifications.

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