

Quadratec® Evaporative Canister Skid Plate

Installation Manual for '07-'11 (JK) Wrangler 2 or 4 door
#12500.0200



⚠ WARNING ⚠

READ ALL SAFETY MESSAGES AND UNDERSTAND ALL INSTRUCTIONS AND PROCEDURE *NOTICES* BEFORE ATTEMPTING TO INSTALL OR USE THIS PRODUCT.

⚠ CAUTION ⚠

RISK OF EYE INJURY! SAFETY GLASSES MUST BE WORN AT ALL TIMES WHILE INSTALLING OR MAINTAINING THIS PRODUCT.

PARTS LIST:

SKID PLATE - QTY 1
REAR BRACKET - QTY 1
COUNTERSUNK BOLTS - QTY 2
HEX HEAD BOLTS - QTY 2
WASHERS - QTY 2

REQUIRED TOOLS:

SAFETY GLASSES
16MM SOCKET & DRIVER



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A Few Words About Product Safety:

Your Evaporative Canister Skid Plate is intended to enhance the utility and enjoyment of your off road capable vehicle. Before installation, please take a moment to review the following safety in

formation and installation instructions. Important safety information is generally preceded by one of three signal words indicating the relative risk of injury. The signal words mean:

⚠ WARNING ⚠

a hazardous situation which, if not avoided, could result in death or serious injury. You CAN be KILLED or SERIOUSLY HURT if you don't follow instructions.

⚠ CAUTION ⚠

a hazardous situation which, if not avoided, could result in minor or moderate injury. You CAN be moderately HURT and also may suffer property damage if you don't follow instructions.

NOTICE

Careful attention is required to this instruction or operation but does generally not relate to personal injury. Damage to your Quadratec® product or other property may result if you don't follow instructions.



When unpacking, check to make sure all parts are included and not damaged due to shipping.

If any part is missing or broken, please call our Quadratec Customer Service line at 800-745-6037 as soon as possible.

Thank you again for your purchase and let's start the installation process.

Before You Begin Installation:

Congratulations on your purchase of Quadratec Evaporative Canister Skid Plate for Jeep Wrangler JK Vehicles.

This custom fit skid plate has been designed for added protection during off-road driving.

NOTICE

This product is installed underneath the vehicle and requires access to the Evaporative Canister assembly. We recommend using a vehicle lift such as those found in most repair shops to access this part of the vehicle. Always use caution when working under your vehicle.

We also recommend that you have a helper nearby as some of the steps outlined below will be much easier with the help of another set of hands.



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Installation Step One:



Figure 1



Figure 2

Step One: Disconnecting The Canister
Put on safety glasses. Locate the Evaporative Canister and the electrical connector that is attached to the rear of the

canister (Fig 1). Carefully remove the electrical connector from the Canister by gently squeezing the tabs on the electrical connector and pulling (Fig 2).



Figure 3

Using a Socket driver and 16mm socket, carefully loosen the three bolts holding the vapor canister to the frame of the vehicle. There is one bolt located at the rear of the canister (Fig 3) and two bolts located at the rear of canister (Fig 4).



Figure 4



Figure 5

Next grab the black plastic line and remove it by squeezing the connector and pulling (Fig 5). This should be removed so its easier to install the skid plate bracket.



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Installation Step Two:



Figure 6



Figure 7

Step Two: Installing Skid Plate Brackets
With the two bolts holding the Evaporative Canister at the front, remove the rear bolt and carefully slide the rear skid

plate mounting bracket over the rear of the canister towards the front of the vehicle (Fig 6). Line it up with the frame mounting hole (Fig 7). Using the bolt removed from Step one, secure the rear skid plate bracket and Cannister back to the frame rail. Do not tighten this bolt completely as it will need to be adjusted when installing the skid plate (Fig 8)



Figure 8

Using the remaining two bolts removed in step one, install the front Skid Plate bracket and canister into the two bolt hole locations on the frame rail. Do not tighten these bolts completely as they will need to be adjusted when installing the skid plate (Fig 9 & 10).

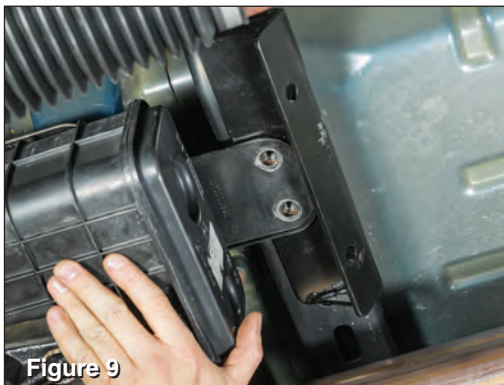


Figure 9



Figure 10



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Installation Step Three:



Figure 11



Figure 12

Step Three: Install Skid Plate to Brackets

Now that front and rear skid plate brackets are installed capturing the Evaporative Canister, locate the Skid plate and carefully line up the holes in the skid plate with mounting brackets. The curved portion of the skid plate should be located on the front mounting bracket.



Figure 13

Using the two (2) hex head bolts and two (2) washers provided, secure front of Skid plate to the front mounting bracket (Fig 11). Using the two (2) counter-sunk bolts provided; secure and tighten the rear of the skid

plate to the rear mounting bracket (Fig 12). Tighten all remaining bolts starting with the front skid plate to bracket bolts first then finish by tightening the bracket to frame rail bolts (Fig 13, 14 & 15). See next page...



Figure 14



Figure 15

NOTICE

While tightening the bolts to the frame rail visually scan for any interference with drivetrain components and/or exhaust components and the skid plate. If there is any interference, adjust the skid plate accordingly to make sure all components are not touching. Failure to do this step may cause damage to the vehicle.



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Installation Step Three: continued



Step Three: Install Skid Plate to Brackets

Lastly push on the black hose until you hear it “click” into place. Reroute the electrical connector around the rear skid plate bracket and re-attach the electrical connector to the canister. Make sure the electrical wiring is clear of any exhaust or components of the drive line (Fig 16).



Congratulations! When the install is complete, the unit will look like this on your vehicle.

NOTICE

Remember, an auxillary skid plate adds extra protection on the trail, but it can not guarantee against ALL possible damage from large objects you may encounter. Always drive with respect for objects and terrain that could damage sensitive parts of the vehicle.



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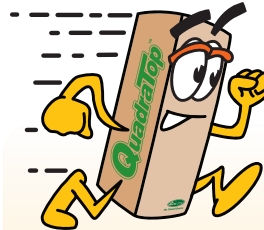
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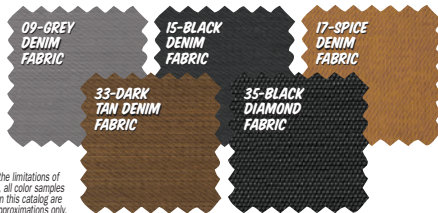


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This **Limited Warranty** is the only warranty made in connection with your purchase. Quadratec neither assumes nor authorizes any vendor, retailer or other person or entity to assume for it any other obligation or liability in connection with this product or **Limited Warranty**. This **Limited Warranty** does not apply and is not cumulative to any accessory or part distributed by Quadratec for which the Manufacturer provides a separate written warranty.

What is Covered: Subject to the terms, exclusions and limitations herein and with respect only to Quadratec branded accessories first sold in the United States, Quadratec warrants to the initial retail purchaser only that your Quadratec accessory shall be free of defects in material and workmanship: **for a period of three (3) years from date of retail purchase.**

This **Limited Warranty** is not assignable and shall terminate upon sale of the vehicle upon which the Quadratec accessory is installed or other transfer third persons.

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Remedy Limited to Repair/Replacement:

The exclusive remedy provided hereunder shall, upon Quadratec inspection and at Quadratec's option, be either repair or replacement of product or parts (new or refurbished) covered under this Limited Warranty. Customers requesting warranty consideration should first contact Quadratec to obtain a RGA number (610-701-3336). All labor, removal, shipping and installation costs are customer's responsibility.

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