



Protecting Your Adventure Lifestyle

5905 JK Vacuum Pump Relocation Bracket

INSTALLATION INSTRUCTIONS

NOTE: Some minor wire splicing is required to complete this installation (wire and connectors not provided)

KIT CONTENTS:

Description	Qty	Description	Qty
Relocation Bracket	1	6mm Nylock Nuts	2
6mm x 40mm Stainless Steel Button Head Screws	2	_ SAE Flat Washers	2

INSTALLATION:

Begin by disconnecting the Jeeps' negative battery terminal. Next, remove the factory front bumper and any associated sheet metal so that you may access the stock vacuum pump bracket. Disconnect the wiring plug and the vacuum hose from the vacuum pump unit. Unbolt and remove the vacuum pump unit and set aside. Test the fitment of your aftermarket bumper at this time to determine if the factory bracket will require removal. If so, use a cut-off wheel to remove as much of the bracket as needed to allow fitment of your aftermarket bumper. Complete this modification by spraying the exposed metal with a coat of paint to protect against rust.

1. Locate the vacuum pump wiring plug connected to the Jeep wiring harness. It should have a black wire and a green wire with a grey stripe. Cut the plug off of the wire harness so that you'll have enough wire to splice onto once you relocate the plug back up into the engine compartment. A few inches should be enough.
2. Using the wire you've provided, solder or use butt connectors to lengthen the wires coming off the main harness. Route these two wires up between the wiper fluid reservoir and the headlight core support then between the reservoir and the driver side fender wall. Approx. 3 ft. per wire should suffice.
3. Pull the vacuum tubing up into the engine compartment. There are two plastic fittings along this length of hose; one butt-end connector and one with a wider midsection. Remove the hose from the wider connector out. With the hose you've removed, locate a straight section and cut approx. 3-4" off then reattach to the end of the wider plastic connector. (See image to the right)
4. Reconnect the plug you removed earlier to the ends of the lengthened wire noting the polarity.
5. Using the 6mm hardware provided, bolt the vacuum pump to the bracket in the orientation shown in the images.



6. Utilize the two fender wall bolts shown in the image to the left, place the relocation bracket into position and tighten the bolts.
7. Plug the harness back into the vacuum pump and tuck the wiring out of the way. Lastly, reattach the vacuum hose.
8. Reconnect the negative battery terminal, start your Jeep and test the door locks and climate controls. Your installation is complete.

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