

INSTALLATION GUIDE

Jeep JK Vacuum Pump Relocation Kit





CONTENTS

JK Vacuum Pump Relocation Kit 3

Disclaimer

Expedition One is not responsible for any damages to vehicle.
We always recommend professional assistance when
installing our vehicle products.

Included Hardware:

- (2) 1/2" washers
- (2) 1/2" bolts
- (1) flat 1/2" retained nut
- (1) 1/2" retained nut w/ 90 degree bend
- (1) 1/2" nyloc nut
- (2) M6 nuts
- (2) small washers

Tools:

- Socket Set
- Wrenches
- Grinder, Cutting Wheel or dremel tool

Skill Level:

3/5 stars (Professional install recommended)

Installation

Remove bumper and any other plastic air damn or fascia attached to the frame or bumper so you have a clear working space

Unclip and remove vacuum pump



Using a cutting wheel, grinder, or dremel tool, cut off the OEM frame mounted bracket. This can be done by cutting through metal strip on the front and back of the vertical box structure that comes down from the frame and connects to the factory bar as illustrated in the picture to the right.



The removed OEM air pump bracket is pictured to your right. This part can be discarded.



The new vacuum pump bracket mounts as shown. The location of the bolts will depend on the bumper you are installing and if any of the holes are used for mounting the bumper. Depending on the bumper, all Expedition One bumpers will share one or more of the mounting holes with the bracket. With your kit you will have 2 retained nuts within sheet metal. One of them with a 90 degree bend this one is supplied for use with the lower hole when retaining the factory bash bar as shown.



Depending on the bumper your installing with the pump you may want to locate the pump with the vacuum port facing forward. For example the Expedition One Trail Series full width bumper will have the winch mounted over the top of the vacuum pump in this instance the port facing forward is more ideal and potentially easier to get located. Also this will alleviate the need to possibly bend or manipulate the AC line for clearance.

For bumpers with a winch mount that sits lower, in between the frame rails, like it would on a Core Series bumper or a basic DX, facing the port towards the back of the vehicle provides a cleaner looking install. However, depending on the manufacturer date of the vehicle this may require some manipulation, or bending of the AC line that sits behind the pump. Bending the line must be done with care. **DO NOT** bend in a sharp manner! Cracking of the line may occur!

