

## JK E-DOCK INSTALLATION INSTRUCTIONS



<b>PARTS LIST</b>	<b>QTY</b>
JK E-Dock Bar	1
Main Bar Support Leg	2
SS Nylon Lock Nuts	2
SS 1/4" Socket Cap Screw	2
E-Dock End Cap (installed)	2

### **REQUIRED TOOLS**

Telescoping Magnet or 13 mm Magnetic nut driver  
Small Flathead Screwdriver or 1" putty knife  
7 mm Socket; 1/4" Drive  
13 mm Deep Socket; 1/4" Drive  
1/4" Drive Ratchet  
5/32" Hex L-Key  
7/16" Open End Wrench  
3/8" Open End Wrench or Socket

## PLEASE READ BEFORE BEGINNING INSTALLATION

Prior to starting the installation of this product, we suggest reading the entire instruction manual. Several of the steps involved in installation of this product are fairly complex. Reading through ahead of time will help you with a pain free installation.

Installation of the JK E-Dock involves work in and around the dash area of the vehicle. Be careful and take your time during installation. Small nuts, bolts and tools are easily lost in the confines of the dash. An extra minute or two spent now will save a lot of headache down the road.

This product must be installed by someone with a certain amount of mechanical aptitude. Vector OffRoad can not be held liable for damage caused to your vehicle due to poor or incomplete installation of this product. If you have any questions, are missing parts, or need help locating a skilled installation shop in your area, please contact us.

## INSTALLATION

### 1. PREPARE THE DASH AREA

A. Remove the small caps located in front of the driver and passenger seating areas directly on top of the dash. Use a small flathead screwdriver or similar to remove the caps. Be careful not to damage your dash. These small caps will not be reinstalled. Store them in a safe location in case you ever wish to return the vehicle to its original condition.

B. Remove the center dash cap by prying up on the rear corners of the cover plate. Use a stiff flat object such as a small putty knife or screwdriver to pry the cap up. After both rear corners have “popped” free, gently slide the cover toward the rear of the vehicle to clear the front attachment points. Carefully lift the dash cap up and release the compass module connector wiring. Set the dash cap aside.



### 3. MOUNT THE MAIN BAR SUPPORT LEGS

A. READ THE ENTIRE STEP BEFORE PROCEEDING AND TAKE YOUR TIME!!! Be careful not to lose the nuts during removal and installation. It is required to have a telescoping magnet or magnetic nut driver for this step! Use a 13 mm deep well socket with a 1/4" drive (3/8" drive can be used but it is a tight squeeze) to remove the hidden bolts directly in front of the driver and passenger seats.

The bolts are under the small caps that were removed in step 1A. Take a look inside the holes so you can see what you are working with. The factory threaded posts that the nuts are secured to are extra long, which requires the use of a deep well socket.

Loosen the nut just enough so that you can spin it by placing one finger inside the hole. Slowly spin the nut with your finger until the top of the nut reaches the top of the stud. Place the telescoping magnet or magnetic nut driver down through the hole and on to the top of the nut. Rotate the magnet, turning the nut until it releases from the stud. If your fingers are long enough, you can reach around the front side of the dash and turn the nut with one finger while the magnet is attached to the top of the nut. Carefully remove the nut from the hole.

If you lose your nut, a replacement M6-1.0 nut/washer can be purchased at most hardware stores.





B. Slide the bottom hole of the Main Bar Support Leg down over the long stud inside the dash hole. Look down inside the hole to make sure you have got it over the threaded post.

C. Replace the previously removed nut. Place some masking tape on the face of the Main Bar Support Leg so it will not be scratched during this step. Use the telescoping magnet to start the nut on the threaded post. When the top of the nut is flush with the top of the threaded post, use your finger to tighten as far as possible. A 13 mm deep well socket with a 1/4' drive is needed to tighten the nut the rest of the way. You may have to push the Support Leg toward the front of the jeep to access the nut. Make sure the Support Leg is aligned before tightening the nut completely. Do not overtorque the nut! Carefully remove the socket. You may have to gently push the support leg toward the front of the vehicle to help in removal of the socket.

D. Repeat these steps for the opposite side of the vehicle.

#### 4. TEST FIT THE E-DOCK BAR

A. Carefully slide the main bar into position on top of the dash and check the position of the support legs relative to the mounting tabs. If you need to make any adjustments to the support legs, do so now, by loosening the screws/nuts and aligning them to the tabs and then re-tightening.

B. Before finalizing the installation we recommend positioning and installing any Ram Mounts® products at this point. It is much easier to tighten the mounts outside the vehicle instead of the cramped spaces around the dash. Do not place Ram Mounts® products where they will interfere with proper function of OEM controls and modules such as the passenger side airbag.





## 6. SECURE THE E-DOCK BAR

A. It is very helpful to have an extra set of hands for this next few steps. Also, be careful not to drop any of the screws or bolts behind or in the dash! Align the tabs on the E-Dock bar with the two Support Legs. The tabs and support legs are slotted to compensate for alignment differences from one vehicle to the next. The tabs on the main bar of the E-Dock go behind (closer to front of the vehicle) the Main Bar Support Legs.

B. Place a socket head cap screw through the passenger front side of the Main Bar Support legs and through the corresponding tab on the E-Dock Bar. Using a 5/32" Hex Key and a 7/16" open end wrench, secure the screw with a nylock nut. Repeat this procedure on the drivers side of the vehicle and installation is complete.



**COMMENTS OR QUESTIONS PLEASE CONTACT:**

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