



AMERICAN CAR CRAFT INSTRUCTIONS

FORD RAPTOR HEADER PLATE/RADIATOR SUPPORT w/BATTERY COVER & FUSE BOX PERFORATED 3pc PART #773002



Parts Included:

- 1 -Stainless Header/Radiator Support Cover
- 1 -Stainless Battery Cover w/hook and loop fastener attached
- 1 -Fuse Box Cover
- 4- Zip ties
- 3- Decorative fluid cap covers with hook and loop fastener attached
- 4 -Decorative Chrome caps shaved
- 4 - hook and loop fastener attachment donuts
- 2 - Wide head Phillips 6/32x1/2 stainless machine screws
- 2 - Wide head Phillips 6/32x3/4 stainless machine screws
- 2 - 1" Zink Washer head sheet metal screws
- 1 - 1" black sheet metal screw
- 2 - ¼ green spacers
- 3- Sheet metal clip nuts
- 4- ¼ Stainless flat fender washers
- 4- Special center tapped 6MMx1" Zink flange style bolts
- 2- Sheet metal type decorative thumb screws
- 1- Self stick stainless battery cover bracket with Furry hook and loop fastener attached
- 1-Adhesive promoter pen

Introduction: Your new stainless cover has been designed for **the 2011 6.2 Raptor** and incorporates a battery cover and fuse box cover as well as three fluid cap covers. Although the cover has been custom designed for this application you will need to make preparations to create clearance of the a/c and electrical lines. These procedures are relatively easy to perform and must be done before you attempt to install your new cover.

Liner Information: Your new accessories will come to you with a protective surface liner. Leave this liner in place until the installation is complete to prevent finger prints and or possible scratches during installation.

1-The first step will be to make some clearance for your new cover. You will notice that there will be a large wire harness running across the front of the fuse box attached to a cast aluminum bracket. Detach this harness from the bracket and remove the two retainers from the harness. Disassemble the bracket from the black plastic front half of the bracket and separate this area just enough to allow you to force the wire harness into the radiator channel and then reconnect the bracket. This will create a new and stable routing of this harness. The idea here is to force everything around the fuse box area to sit below the cast aluminum bracket creating a level plane for the new cover to sit over. You will notice an A/C line sticking up quite a bit on the driver side of the fuse box. There should be enough flexibility in this line for you to be able to force this line down and tight to the top of the fan shroud. The line is sort of shaped in a way that will allow you to set the line into the radiator channel and over the wire harness you just repositioned from the fuse box on that side. (See #1) once you have manipulated the line into this position simply zip-tie it in place locking this new position.

2-Moving to the left of the fuse box area you will notice that there are two battery cables emanating from the passenger side of the fuse box that sort of jet out to the side. Force these two cables down and tight to the harness just below them and secure this position with another zip tie. Try to get these cables into a tight bend to be sure they will not come into contact with the new cover and have plenty of clearance. Add a couple more zip ties securing the cable running directly to the battery and also to the battery terminal cover. (See #2-3-4)

You will notice that you have exposed two holes on the left and right side of the cast aluminum bracket when you relocated the large wire harness. We have supplied you with a couple of clip nuts to be placed over these holes. This will create the mounting location for the new fuse box. Be sure to slide the clip the nuts on so that the threaded side of the clip is facing down. (See #5)

3. The next step for this installation will be to remove the four factory front headlight mounting bracket bolts and replace them with the four special tapped 1" 6MM bolts and flat washers provided and snug them down.(see pic.#6) Be careful not to over wrench these bolts as they are hollow and can snap under excessive tightening. This will create the mounting locations for your new cover.

4-You will notice a factory bolt securing a ground cable just in front of the hood strut on the passenger side of the engine bay. We are going to use this bolt to secure the far end of the battery cover. To make use of this bolt detach it from the inner fender and remove the ground cable. Re-attach the bolt but allow it to remain loose enough for you to stick a small flat blade screw driver between the head of the bolt and inner fender wall. (See #7) This will create a mounting pin for the new battery covers slotted mounting tab. Relocate the ground cable at the additional ground cable bolt location just below this upper one and tighten it securely. Never leave any ground cables loose as this will cause malfunction of electrical components.

5- Now that you have successfully completed all necessary clearance and mounting procedures you can begin to install the main radiator support cover. Before you start take a glance at the fuse box areas and everything you did to make sure nothing is sticking up higher than the cast aluminum bracket in front of the fuse box. If all is clear then bend the battery cover tab at the left side of the radiator cover. You will notice that this tab will have two rows of slits cut into it. These slits are provided to allow you to bend the tab down by hand and then out which will allow this tab to rest directly onto the battery box rim providing a stable footing at that point of the cover. Set the new cover in position and align all four mounting hole locations. You may need to jostle the new cover a little to allow it to place over the cast aluminum bracket and then to the front hole locations. Lift up on the far right side of the cove just enough to allow you to place one of the two green spacers over the far end bolt location and then loosely install one of the two $\frac{3}{4}$ 6/32 (longer one). Then do the same for the opposite side. After these two screws are in then go ahead and install the two remaining

smaller screws and snug them down. There is no need to over tighten these just snug will work fine. At this time take a look at the center area to determine if this area is laying nice and strait across from one side to the other. More often than not this will have a slight bow in the center. To fix this and prevent the cover from flapping or fluttering when driving you will need to pilot two 9/64 holes at the two hole locations in the center of the cover. Then install the two washer head zinc screws. Install these two screws down just enough to level the cover. Do not over tighten these screws as this will cause the cover to dip in the center creating an unsightly appearance. Just level is all you will need to achieve here.

6. The fuse box cover should simply set atop the fuse box. Then line up the two holes with the clips you installed earlier and secure the cover using the two decorative thumb screws provided.

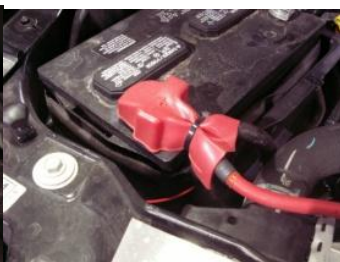
7-Place the battery cover over the fluid neck and allow the corner tab to slide over the adjusted bolt head you arranged earlier. Set the cover so it sits nicely into the surrounding frame area provided for it. With a pencil or fine marker draw its position directly onto the main cover. Then remove the battery cover. Take a look at your drawing. This will indicate just where you will be attaching the self stick stainless battery cover bracket. It is important to understand that the bracket placement must consider the space needed for the hook and loop fastener attachment strips so you will need to set the bracket about 1/8" to the inside of this drawing. This will allow you to attach the new cover in just the right spot. Closely examine this before you peel and stick the bracket to make sure you do this correctly. The attachment tape is very aggressive and permanent so it will not allow you to remove and reset the bracket so take your time here to get it just right. When you are ready to install the bracket peel the protective liner off the entire cover as well as the fuse box cover and then scrub the new cover with alcohol along this outlined area as well as all three fluid caps to remove any and all dirt. Once this is done apply the adhesive promoter to all three fluid caps and along the inside of the battery cover bracket area. Then carefully peel the red release liner from the attachment tape of the stainless bracket and press it into position. Press firmly along its mount to thoroughly set the bond

8-Before you can set the battery cover in place pilot a 9/64 hole directly into the factory battery box rim where the new covers support tab sets in place. Then slide on the remaining clip nut at that location. (see pic.#8) Then install the black washer head screw to secure the new cover at this point. Then remove the windshield washer cap and trim away the lasso strap and finger tab so that you just have a round cap and then snap it back onto the tank neck. Then set the new battery cover in place and remove the protective liner.

9-You have been provided with three decorative chrome fluid caps. These caps each contain a hook and loop fastener cookie attached to the underside. Remove the cookie half remove the release liner from the cookie and press them directly onto the factory fluid caps. Then simply place the decorative caps in place. You have been provided with four hook and loop fastener attachment donuts. These donuts are designed to set around each of the four mounting screws of the main cover. Peel the release liner from each of the furry donut half's and set them over the attachment screws directly to the new cover. Then set the remaining half into the four 1" decorative screw covers. Press the donuts nice and firmly centered. Then set them atop of the four screws to finish the installation.



#1



#2



#3



#4



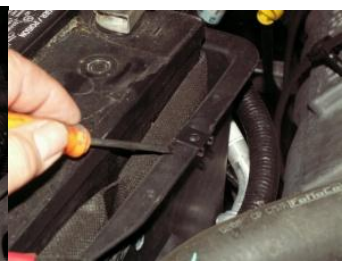
#5



#6



#7



#8



When it comes to quality chrome trim and accessories, American Car Craft is the brand you can depend on.