

**WEATHER  
PROTECTION  
SYSTEM  
INSTALLATION  
SUPPLEMENT**

**WPS-100-500**

**NEW WPS 500-2  
(With Battery Box)**

## A. *Battery Box Installation*

### **All Ranger 500 Series & 700 6X6 Machines**

**NOTE: On all Ranger 6X6 machines it will be necessary to temporarily remove the forward rear wheel on the driver's side to gain enough space to install the battery box.**

1. Remove the seat bottom, your steel battery box will be located beneath the seat just aft of the oil tank.
2. Install the rail bracket, "Bracket A", as shown in the photo. The rail bracket looks like a large capital letter H, the two rail legs with the tabs go aft underneath seat frame, the cross piece of the rail bracket sits on top of the seat cross frame.
3. Holding the rail bracket, "Bracket A", in place, slide the steel battery box into position on the rails; use the four bolts to hold the box in place. The lower tray that holds the battery should be facing aft.

**NOTE: Adjust the steel battery hold down bar to the proper height needed to secure the battery you intend to install, before placing the battery box on the rails.**

4. Holding "Bracket A", with the battery box installed, in position, install the angle bracket, "Bracket B", with the flange up and facing forward, in place and tighten. The flange on "Bracket B" will go on the top of the seat cross frame.
5. Tighten the 4 bolts securing the battery box to the rail bracket.

## B. *Routing the Front Power Harness #00-1134*

### **All Ranger 500 series & 700 6X6 Machines**

1. The fused end of Power Harness #00-1134 is connected at the terminal strip next to the factory battery. Black connected Ground.
2. The remaining harness is routed through the floor board area to the new battery box. Connect Red to Positive and Black to Negative. Secure the length of the power harness with plastic cable ties to prevent chaffing or rubbing.

## C. *Battery Box Installation*

### **Ranger 700 4X4 Machine**

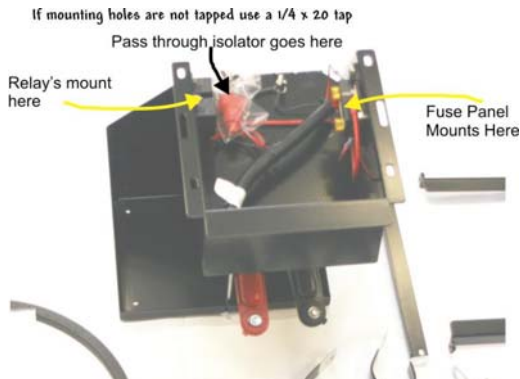
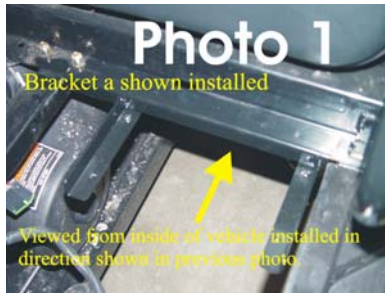
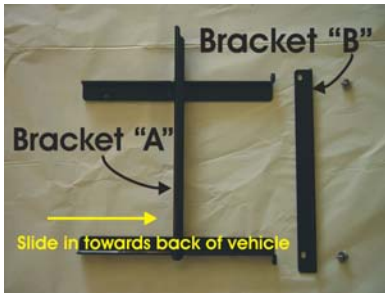
- *The battery box location for the 700 XP is on the passenger's side, behind the fuel cell. The same rail bracket system used on the 500 series is used on the 700XP installation.*

1. Remove the seat bottom, your steel battery box will be located directly behind the fuel cell.
2. Install the rail bracket, "Bracket A", as shown in the photo. The rail bracket looks like a large capital letter H, the two rail legs with the tabs go forward underneath seat frame, the cross piece of the rail bracket sits on top of the seat cross frame.
3. Holding the rail bracket, "Bracket A", in place, install the angle bracket "Bracket B", with the flange up and the open edge facing the seat frame. The flange on Bracket B will go on top of the cross frame. Install the two bolts and tighten.
4. Slide the Battery Box onto the rails with the lower tray that holds the battery facing aft, position as far forward as possible. Place the plastic cover, provided in the kit, over the open top tray of the battery box, align the 4 holes in the cover, the slotted holes in the box, with the 4 holes in the rail bracket, use the 4 bolts to secure the box to the rails. The plastic cover will keep debris from collecting in the top tray of the battery box.

**NOTE: Adjust the steel battery hold down bar to the proper height needed to secure the battery you intend to install, before placing the battery box on the rails.**

#### **D. *Routing the Front Power Harness #00-1134*** **Ranger 700 4X4 Machine**

1. The fused end of Power Harness #00-1134 is mounted in the accessory tray on top of the battery box. Red cable connected to the Positive Post and Black connected to the Negative Post.
2. The remaining harness is routed over the fuel cell and down through the floor board area, up to the electrical junction strip next to the factory battery. Connect Red to Positive and Black to Negative. Secure the length of the power harness with plastic cable ties to prevent chaffing or rubbing, pay special attention around the drive shaft area.



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