

Mount Installation BMW, R1100RT

Pre Assembly Instructions

1. Remove Seat
2. Remove All Plastic Panels Left And Right Side From The Motorcycle. (EXCEPT FAIRING) Fig 1
3. Remove The Bolts Attaching The Gas Tank To The Motorcycle, But Do Not Remove It From The Bike.

Figure 1



Figure 2

UPPER REAR MOUNT (Fig 2)

Attach the small eye clamp to the upper rear frame tube of the motorcycle as shown in Fig 2. Be careful that there are no wires or lines caught between the frame and the clamp before tightening. Only hand tighten the clamp at this time. The clamp will be fully tightened during the upper strut installation to allow for strut eye and eye clamp eye alignment. This is necessary because the bolt holding the strut to the clamp eye will not align unless the two eyes are flat to each other.

It is a good idea not to back off on the eye clamp bolt when tightening it to the strut.



Figure 3

LOWER REAR MOUNT

Install the lower rear mount Fig 3 as shown in photo to the right foot peg support bracket. Install the mount to Fig 3, # 1 using the 10mm x 40mm x 1.50 pitch bolt, lock washer and lock washer supplied. Now install the mount to Fig 3, # 2 & 3 using the two 8mm x 50mm bolts, flat washers and lock washers supplied. It will be necessary to use the two 5/8 spacers supplied between the mount and the foot peg bracket at # 2 & 3.



FRONT SUB FRAME (FORWARD POSITION) Fig 4

Figure 4



After removing the bolts holding the gas tank to the motorcycle frame gently lift the gas tank from its mounting position. Now remove the original bolt holding the front fairing support bracket to the frame and install the front section of the sub frame Fig 4 # 1 using the 8mm x 35mm x 1.25 allen head bolt, flat washer and lock washer supplied. Do not attach the center section to the front section at this time Fig 6, #2.

FRONT SUB FRAME (UPPER REAR POSITION)

Attach the rear section of the front sub frame to the rear gas tank mounting position using the 8mm x 60mm hex bolt, flat washers and nylock nut supplied Fig 5, #1. Do not attach the rear section of the front sub frame to the center section at this time Fig 5, #2.



Figure 5



Figure 6 FRONT SUB FRAME (CENTER SECTION)

It is a good idea to pre install then remove the center section of the front sub frame before final installation and modification of the plastic panels. This will assure the alignment of the center sub frame section Fig 5, #2 and Fig 6, #1 when reinstalling the plastic panels. Install the center section of the front sub frame using the two 1/2 "x 13 x 1 1/2" Gr 8 hex bolts, flat washers and lock washers supplied. It will be necessary to leave the modified panels loose as you install the center section.

FRONT SUB FRAME (LOWER SECTION)

Install the lower section of the front sub frame Fig 7 to position # 2 & 3 using the two 8mm allen bolt, flat washer and lock washers supplied. Now install the lower section of the sub frame Fig 7, # 1 to the through hole located in the front lower section of the motor #1, using the 7/16 x 4" hex bolt, flat washers and nylock nut supplied. After the lower section has been installed attach the lower section of the front sub frame to the center section Fig 7 #4 using the two 10mm x 40mm x 1.25 pitch hex bolts, flat washers and nylock nuts supplied.

Figure 7

