

SIDECAR INSTRUCTIONS 1999-2003 YAMAHA ROYAL STAR VENTURE

Figure 1

Upper Front Mount (figure 1)

Remove the four 10mm bolts attaching the upper motor mount support bracket to the motor and the frame.

Install the upper front mount to the location of the right motor mount support bracket using the four 10mm x 125 x 60mm bolts, flat washers and lock washers supplied. Make sure that you install the two 1/2" spacers between the support bracket and the mount at position #1 of figure 1. Now using the two 11/16" spacers between the support bracket and the mount at position #2 of figure 1 install the two lower bolts of the upper front mount and tighten all bolts.



Figure 2

Lower Front Mount Figure 2

Locate and remove the two brake pedal mounting bracket bolts Fig 2, #1 & #2.

Locate and remove the forward bolt attaching the shift lever mounting bracket to the frame Fig 3 #1.

Now attach the lower front mount to the motorcycle using the two 10mm X 50mm bolts, lock washers and flat washers at position shown in fig. 2 #1 & 2. Make sure to install the two 3/8" spacers between the mount and the brake pedal bracket.

Using the 10mm x 50mm bolt, flat washer and lock washer install the extended end of the lower front mount to the right side of the motorcycle at the position where bolt was removed from the shift pedal mounting bracket Fig 3 # 1. Use the 3/8" spacer between the mount and bracket

Tighten all bolts at this time.



Figure 3

Rear Sub Frame Mount

Remove the muffler from the header pipe. It is not necessary to remove the header pipe.
Remove the forward bolt from the right side fender rail holding the saddlebag bracket Fig 4 # 1.
Remove the right side upper bag guard mounting bolt fig 4 # 2.
Remove the two bolts holding the muffler support bracket fig 4 ,# 3 & 4.

Install the rear sub frame to the forward bolt of the right side fender rail Fig 4, #1 using the 8mm x 50mm bolt lock washer and flat washer supplied.

Using the 8mm x 25mm socket head allen bolt, lock washer and flat washer supplied attach the rear sub frame to the upper mounting position of the right side bag guard Fig 4, #2.

Now attach the sub frame to the attaching position of the muffler support bracket Fig 4, # 3 & 4 using the two 8mm x 60mm bolts, flat washers and lock washers supplied.



Figure 4

STEERING DAMPER use 2 1/4" clamp to the fork tube.