

YAMAHA ROYAL STAR SIDECAR INSTRUCTIONS (W OR WO BAGS)

Upper Front

Install the large eye clamp (**Fig 4**) with small pad to the frame tube just above the connection point of the removable frame section and about level with the reflector on the side of the radiator. This application requires a short eye and should only be hand tightened until the front strut is installed and then fully tighten to align with strut eye. It may be necessary to remove the lower radiator bolt (**Fig 4 # 1**) for clearance when installing clamp. **(Be careful not to over tighten the eye clamp which may cause damage to the frame tube. It is also important not to reverse rotation on the eye clamp bolt after tightening.)**

Lower Front

Remove the front bolts from the floorboard mounts on both sides of the motorcycle. Also the lower engine guard bolts if installed. Align the sidecar mount between the frame rails (**Fig 2 # 1 & 2**) and install the four 10mm x 1.24 x 50mm socket head bolts from the outside and tighten. Install the four 10mm x 1.25 nylock nuts on the inside and tighten. **(Figure 2)**

This mount includes

- 4- 10mm x 1.25 x 50 Hex head bolts
- 4- 10mm x 1.25 nylock nuts

Lower Rear frame. Install the mount (**Fig 3 A**) using the two 8mm x 1.25 x 60mm bolts with the flat washers and lock washers on the outside and tighten. Replace the muffler. **(See Fig 3 B)** for standard model Royal Star.

This mount includes

- 2- 8mm x 1.25 x 60mm bolts
- 2- 8mm flat washers
- 2- 8mm lock washers



(Figure 3 A)

Upper Rear

Remove the upper rear muffler on all models except the Tour Classic and the Tour Deluxe that have a lower exhaust system. Remove the two bolts holding the muffler support tube to the Remove the seat. Remove the rear footpegs. Remove the cover plates behind the footpegs. Loosen the bottom fender mount bolt on the left side. Remove the lower fender mount bolt on the right side. Support the back end of the fender so it will not fall down. Remove the two support bolts at the top front (under the Seat **(Fig 5 A #1)**). Install the mount using the stock bolts at the top and the 10mm x 1.25 x 95mm bolt and lock washer on the right side **(Fig 5 A #2)**. Remove the left side bolt and install the spacer tube with the other 10mm x 1.25 x 95mm bolt and lock washer. Tighten all four bolts. Replace the seat and footpegs at this time.

This mount includes

- 2- 10mm x 1.25 x 95 bolts
- 2- 10mm lock washers



Steering Damper Hardware To Fork

- 2- 10mm x 125 x 40mm Hex Head Bolts
- 2- 10mm Lock Washers 2- 10mm Flat Washers

Royal star sidecar mounts

(Figure 4)

Steering Damper Bracket



(Figure 5 A)



(Figure 5 B)



(Figure 3 B)

(Fig 3 B) shows the lower rear mount used on models of the Royal Star with dual pipes on the right side of the motorcycle these models are not usually equipped with factory style hard bags.

