

## Lower Sub Frame

1. Remove the right side exhaust system including the right side header pipe.
2. Remove the forward 8mm bolt connecting the battery box to the frame Fig 2 # 1.
3. Remove the 8mm bolt from the exhaust bracket Fig 2 # 2.
5. Remove the four socket head allen bolts that hold the front foot pegs to the motorcycle frame. It is only necessary to remove the four bolts to the inside of the left and the right frame rails Fig 1 # 1 & 2.

Install the lower sub frame first to the underside of the front foot peg support bracket using the four spacers between the support bracket and the mount and using the four 8mm x 45mm replacement bolts, flat washers and lock washers Fig 1 # 1 & 2.

Using the 8mm x 45mm bolt, flat washer and lock washer supplied connect the lower sub frame to the bolt holding the battery box to the frame Fig 2 # 1.

### Figure 3

Install the lower rear sub-frame using the 8mm x 45mm bolt, flat washer and nylock nut supplied to the muffler support bracket making sure that the mount is sandwiched between the bracket attached to the muffler and the muffler support bracket Fig 2 # 2.

Figure 1



Figure 2



**Figure 4**

### Upper Rear Sub Frame

1. Remove the bolt holding the rear right shock to its upper mounting position and loosen the lower shock mounting position. Remove the shock from its upper mounting position Fig 4 # 3. (It is not necessary to remove the shock from its lower mounting position.

2. Remove the two socket head allen bolts holding the upper rear motor mount bracket to the frame rail Fig 4 #1.

1. Remove the bolt attaching the forward position of the chrome fender rail to the motorcycle frame Fig 4 #2.

Install the rear mount to the upper shock mounting stud by placing it under and between the shock and the rear support bracket and reinstall the shock Fig 4 # 3.

Using the two 8mm x 60mm bolts flat washer and lock washers supplied install the mount to the location of the two bolts holding the upper rear motor mount bracket to the frame. Make sure the two ½" spacers are installed between the mount and the motorcycle frame at this location Fig 4 # 1.

Now attach the mount to the forward bolt location of the chrome fender rail Fig 4 # 3. using the 8mm x 30mm socket head allen bolt , flat washer and lock washer supplied.

Connect the upper rear mount to the lower sub-frame using the two 3/ 8 x 1 1/4 Hex head bolts , flat washers and nylock nuts supplied Fig 3 # 1 & 2. **(Relocate rear foot peg Fig 5)**



**Figure 5**



### Upper Front Mount

Locate and remove the two Socket Head Allen bolts that join the front upper frame sections together. Using the two replacement 10mm x 100mm bolts, flat washers and nylock nuts supplied by champion attach the front upper mount to this location and tighten all bolts. Modify the cover to fit over eye Fig 8

**Figure 6**

### Steering Damper

Install the steering damper bracket if equipped to the right brake caliper mounting location using the two 10mm x 50mm bolts, flat washers and lock washers supplied. Make sure the spacers supplied are installed between the damper mount and the brake caliper mounting lug.



**Figure 7**



**Figure 8**

Photo showing modification of cover

