

## Radiator Brace Installation

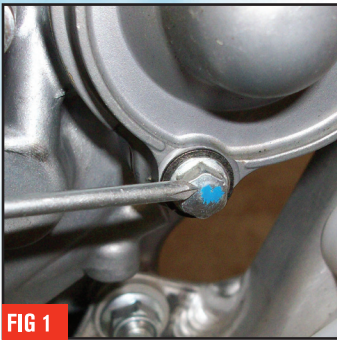


FIG 1

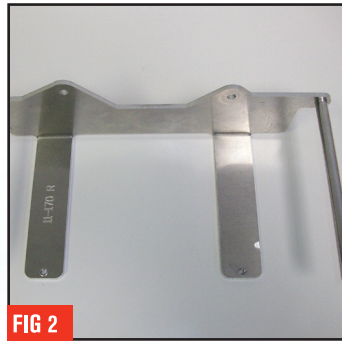


FIG 2

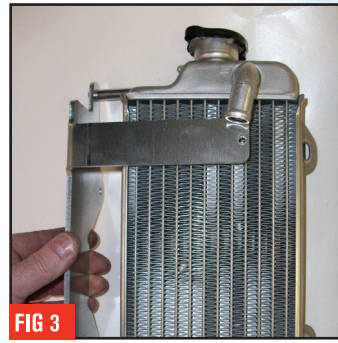


FIG 3

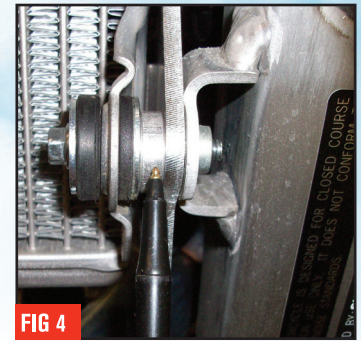


FIG 4

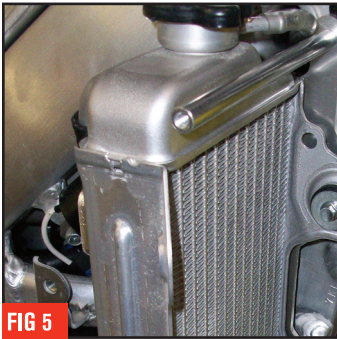


FIG 5

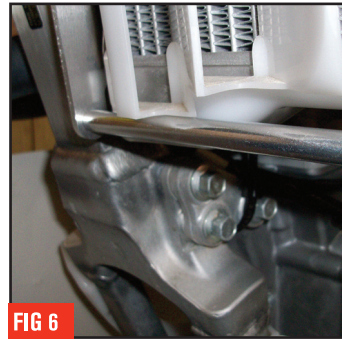


FIG 6

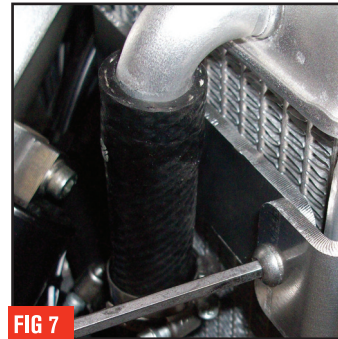


FIG 7

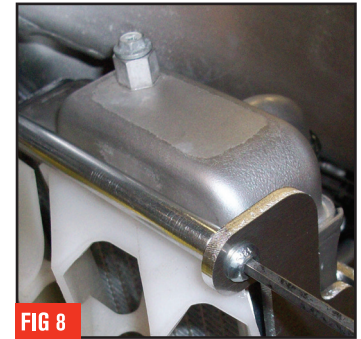


FIG 8

**1** Remove the seat and both radiator shrouds. Remove the radiator louvers from the front side of the radiators.

**2** Drain the coolant by using an 8mm socket or t-handle to remove the drain bolt on the water pump cover. **(Figure 1)** Remove the radiator cap to speed up the draining process.

**3** Once the coolant has drained, re-install the drain plug on the water pump cover.

**4** Using a Phillips head screw driver or a 6mm socket, loosen the three hose clamps on the right radiator and the two hose clamps on the left radiator. Slide all of the hoses off of the radiators.

**5** Using an 8mm socket or t-handle, remove the four radiator mounting bolts (two on each side) and remove the radiators.

**6** Use 2 of the supplied 6x16mm button head bolts to install 2 of the supplied support rods on the big brace half marked with an "R". **(Figure 2)** Use 1 of the supplied 6x16mm button head bolts to install 1 of the supplied support rods on the top of the big brace half marked with an "L". **NOTE:** The left side bottom support rod cannot be installed until after step 10 is complete.

**7** Slip the big brace half marked "R" over the right radiator so that the "R" marking is facing the top back part of the radiator. The support rods should be in front of the radiator. **(Figure 3)**. Slip the big brace half marked "L" over the left radiator in the same manner.

**8** In place of the stock radiator mounting bolts, use the 4 supplied 6x35mm hex head bolts with the 4 supplied flat washers and the 4 supplied aluminum spacers between the big brace halves and the radiator **(Figure 4)** to re-install the radiators with the big brace halves on the bike. **(Figure 5)** Tighten all 4 bolts.

**9** Re-connect all of the radiator hoses and tighten all hose clamps.

**10** Re-install the radiator louvers at this time. Be sure that the left louver is seated properly over the bottom of the left radiator.

**11** Using 1 of the supplied 6x16mm bolts, install the bottom support rod on the left big brace half. **(Figure 6)**

**12** Using 2 of the supplied 6x8mm button head bolts mount the small brace half marked "L" on the tabs of the left side big brace half. **(Figure 7)** Using 2 of the supplied 6x16mm bolts, attach the small brace half to the upper and lower support rods. **(Figure 8)**

**13** Repeat step 12 for the right side.

**14** Mount the left radiator shroud to the gas tank by threading the 2 stock mounting bolts into the mounting holes in the gas tank. Do not tighten yet. Next attach the radiator shroud to the radiator by using the longer supplied 6x25mm hex head bolt (in place of the stock mounting bolt) with the stock shoulder washer along with the supplied .350" aluminum spacer between the radiator shroud and the radiator. **(Figure 9)** Now attach the shroud to the bike frame by using the longer supplied 6x20mm hex head bolt (in place of the stock mounting bolt) with the stock shoulder washer along with the supplied .350" aluminum spacer between the radiator shroud and the bike frame. **(Figure 10)** Tighten all the left radiator shroud mounting bolts.

**15** Repeat step 14 for the right radiator shroud.

**16** Re-install the seat.

**17** Fill the cooling system with coolant. Bleed the cooling system if necessary. **NOTE:** Consult motorcycle manufacturer's service manual for specific cooling system bleeding procedures.



FIG 9



FIG 10

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## INSTRUCTIONS

### Radiator Brace Installation

Part# 11-170, 11-171, 11-173, 11-174