

## Radiator Brace Instructions-Yamaha

- 1 Remove seat, gas tank and radiator shrouds.
- 2 Remove the air box.
- 3 Remove the plastic louvers from the radiators.
- 4 Drain radiator coolant, by removing the radiator cap and then use an 8mm socket or T-handle to remove the coolant drain plug on the side of the water pump (Fig 1)
- 5 Reinstall coolant drain plug
- 6 Use a Phillips head screw driver or a 6mm socket to loosen the hose clamps on the top and bottom of the radiators. Then pull the hoses off the radiators.
- 7 Using an 8mm socket or T-handle, remove the mounting bolts holding the radiators to the frame. Remove the radiators from the bike.
- 8 Loosen and remove the 2 bolts that hold the coil bracket to the frame on the left side of the bike. Re-route the wires that are zip tied to the outside of the coil bracket so that they run on the inside of the coil bracket. (Fig 2) Re-install the coil mounting bracket bolts.
- 9 Remove the 4 shoulder washer spacers from the inside (frame side) of the rubber mounting grommets on the radiators. (Fig 3)
- 10 Insert the 4 shoulder washer spacers back into the rubber grommets from the outside (bolt side) of the rubber grommets (Fig 4)
- 11 Using the large brace half marked with an L, install 2 supplied support rods onto the brace half using the supplied 6x16mm button head bolts, then slide the large brace half with support rods installed over the left radiator (Fig 5)
- 12 Use the supplied spacers and the longer 6x35mm hex head bolts to re-install the left radiator with brace back on the bike. **Note: Make sure that you insert the spacers between the left radiator brace and the frame. (Fig 6) The spacers provide the needed clearance between the radiator brace and the ignition coil and bracket.**
- 13 Repeat steps 11 and 12 on the Right radiator using the large piece marked with an R. The right side brace uses the 2 supplied 6x30mm hex head bolts and does not require the spacers.
- 14 Now install the small brace piece marked with an L, onto the left side large brace piece using 2 of the supplied 6 x 8mm button head bolts. (Fig 7) Bolt the small brace to the support rods using 2 of the supplied 6 x 16mm button head bolts.
- 15 Repeat step 14 on the Right side.
- 16 Re-connect all radiator hoses. Tighten all hose clamps.
- 17 Re-install plastic louvers.
- 18 Re-fill radiators. **NOTE: Some motorcycle manufacturers require the cooling system to be bled after re-filling. Check your service manual and bleed as specified.**
- 19 Re-install air box and gas tank.
- 20 Install right shroud by starting the shroud to air box mounting bolts first. Do not tighten yet. Now just start the shroud to frame mounting bolt. Do not tighten yet. Now attach the bottom of the shroud to the radiator using the longer supplied 6x25mm hex head bolts with supplied flat washer and spacer. The supplied .350" spacer is used between the shroud and the radiator. (Fig 8) shows the spacer in the correct position on the back side of the radiator shroud.
- 21 Re-install the seat.

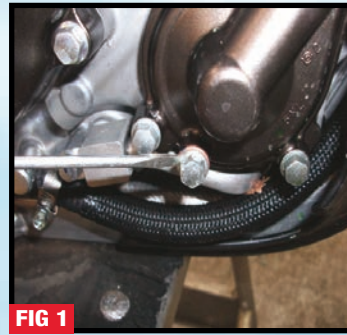


FIG 1



FIG 2



FIG 3



FIG 4



FIG 5

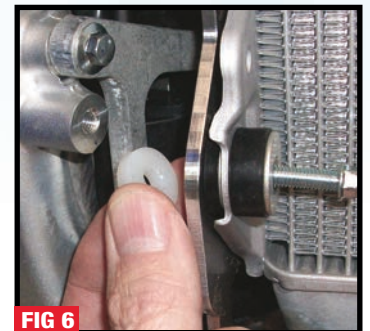


FIG 6

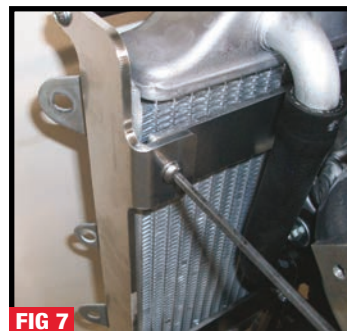


FIG 7



FIG 8

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## INSTRUCTIONS

### Part # 11-156