

Radiator Brace Installation Instructions

- 1 Remove the seat, radiator shrouds, and plastic radiator louvers.
- 2 Drain the coolant from the radiators by removing the drain plug located on the water pump cover (Figure 1). Remove the radiator cap to speed up the draining process.
- 3 Once the coolant has been drained, re-install the drain plug and radiator cap.
- 4 Loosen all radiator hose clamps. Slide all radiator hoses off of the radiators.
- 5 Remove the 4 hex head bolts mounting the radiators to the frame. Remove both radiators from the bike.
- 6 Remove the cushion pads (Figure 2) from the radiators. One is glued to the inner side of each radiator. Just pull them off.
- 7 Using 4 of the supplied 6 x 16mm button head bolts install the 4 support rods onto the big brace halves. 2 rods will go on the big brace marked "L" and 2 will go on the big brace marked "R" (Figure 3).
- 8 Slip the big brace half marked "R" over the right radiator. (Figure 4) The "L" marking on the brace should face back side of the radiator. The support rods should be in front of the radiator. Slip the big brace half marked "L" over the left radiator in the same manner.
- 9 Using the 4 supplied 6 x 30mm Hex head flange bolts in place of the stock radiator mounting bolts, re-install the radiators with the big brace halves on the bike. (Figure 5) Do not fully tighten the bolts yet.
- 10 Re-connect all radiator hoses and tighten all clamps at this time.
- 11 Using 2 of the supplied 6 x 8mm button head bolts mount the small brace half marked "R" on the tabs of the right side big brace half. The "R" marking on the small brace half will be on the top inside of the brace half. Using 2 of the supplied 6 x 16mm button head bolts attach the small brace half to the upper and lower support rods. (Figure 6)
- 12 Repeat step 11 for the left side.
- 13 Now tighten all 4 of the radiator to frame mounting bolts.
- 14 Install the plastic louvers on the front of the radiators.
- 15 Install the radiator shrouds in the following manner:
 - 15a Attach the left shroud to the radiator first. Use one of the longer supplied 6x25mm hex head bolt in place of the original shroud bolt along with one of the stock shoulder washers. Put one of the supplied .350" spacers between the shroud (Figure 7) and the radiator. Start the bolt, but do not fully tighten yet.
 - 15b Attach the shroud to the frame now. Use one of the longer supplied 6x25mm hex head bolt in place of the original shroud bolt along with one of the stock shoulder washers. Put one of the supplied .350" spacers between the shroud (Figure 8) and the frame. Start the bolt, but do not fully tighten yet.
 - 15c Attach the shroud to the gas tank using the 2 original bolts.
 - 15d Tighten all shroud bolts at this time.
- 16 Repeat steps 15 – 15d for the right side shroud.
- 17 Install the seat.
- 18 Re-fill the cooling system with coolant.



FIG 1

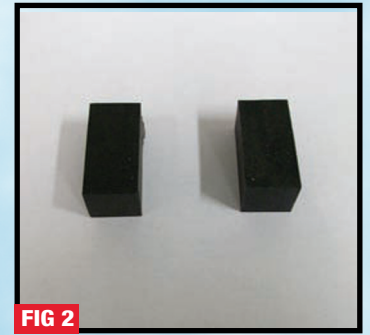


FIG 2



FIG 3

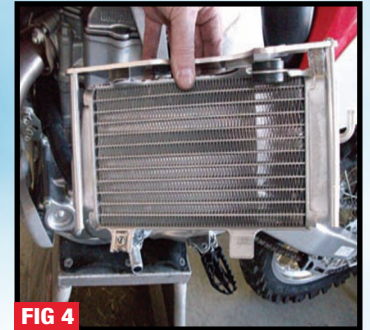


FIG 4

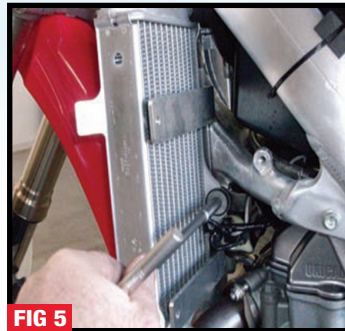


FIG 5

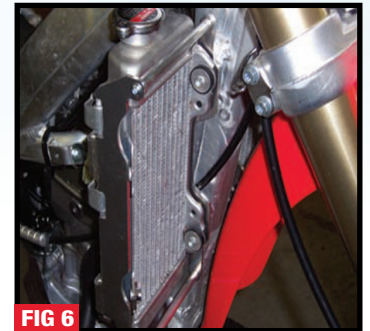


FIG 6



FIG 7



FIG 8

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INSTRUCTIONS

Radiator Brace
Part# 11-165