



## 18-299 / 18-B299 RADIATOR BRACE INSTRUCTIONS

TORQUE SPECS- 6mm bolt @ 6-9 ft/lbs, 5mm bolt @ 5-7 ft/lbs

### INSTALLATION STEPS ARE SAME FOR LEFT AND RIGHT

- Remove the radiator shroud and the bolt securing the upper mount point for the plastic louver (front of radiator). Discard the bolts for the following locations: the plastic louver, the lower shroud, and shroud to frame. Specific replacement fasteners are provided for those three locations in later steps.
- Position the back half of the frame mount bracket on the backside of the small frame spar (DO NOT pinch wire harness). Use two 6 x 25mm button head bolts to fasten the front half of the frame mount bracket to the back half. Be certain the gap between the front and back brackets (top and bottom) are equal and the bracket assembly is up against the radiator shroud mount tab and parallel with tab. **See Figure 1.** Tighten bolts to spec.
- Insert the rubber grommet into the radiator brace (1/2" hole) .
- Place the lower bracket over the swedged nut (on backside of radiator's lower tab) as shown in **Figure 2**, and then hold the radiator brace into position on the radiator.
- Utilize the 6mm x 16mm bolt and 15mm washer for the upper radiator brace mount point in securing the radiator brace to the radiator/plastic louver. Leave bolt/washer finger tight for now.
- Use the 6 x 8mm button head bolt at the lower radiator brace mount point to secure the radiator brace to the lower bracket as shown in **Figure 3**. Leave bolt finger tight for now.
- Use the shouldered Allen bolt to secure the radiator brace to the frame mount bracket as shown in **Figure 4**.
- Adjust brace so it's in its proper position on the radiator and tighten the 6 x16mm bolt, the 6x 8mm button head bolt and shouldered Allen bolt to spec.
- Place the shroud back into place and install the stock 'tank to shroud' and 'rear side panel to shroud' bolts hand tight.
- Place the (large) stepped spacer into the backside of the radiator shroud as shown in **Figure 5**.
- Utilize the 6mm x 18mm bolt and 15mm washer for the 'radiator shroud to stock frame mount' bolt. Insert bolt/washer thru the shroud/large stepped spacer and thread it into the stock frame mount hand tight.
- Place the (small) stepped spacer onto the 5 x 25mm bolt so that the biggest flange of the spacer mates up against the bolt head. **See Figure 6** .
- Insert the 5mm bolt/small spacer into the plastic louver/lower radiator shroud mount holes and thread into the lower bracket.
- **Note-** *The 5 x 25mm bolt/spacer replaces the stock lower shroud bolt and will pass through the threads of the swedged nut and thread directly into the lower bracket.*
- Confirm the shroud is in its proper position and tighten all shroud mount bolts to specs.
- You're finished with this side. Follow same steps for other side.

