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## Tech Tip – Installing a Firewall Brace

### I. Parts Required

- 1 ea. ½" Square steel tubing , 11" long
- 1 ea. Spray Paint

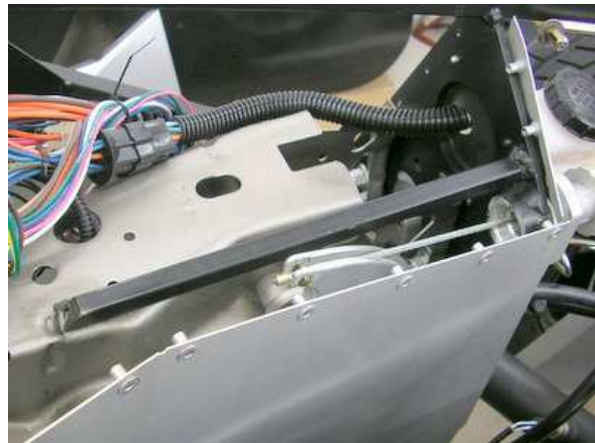
### II. Tools and Other Items Supplied by the Builder

- Round file
- Sandpaper or grinder
- MIG welder

- 1.) As delivered, the steel FFR firewall is unsupported where the clutch cable enters. This allows the firewall to flex significantly when the clutch pedal is depressed. This flexing causes a vague feel and increases the required pedal travel. On our car, we welded in a brace between the firewall and the foot-box. You can cut this brace from a length of ½" square steel tubing. We beveled the rear end of the tube to provide better access for the weld.
- 2.) Position the brace to support the back of the firewall as close to the cable entry point as possible, while leaving clearance for the quadrant and cable to operate.
- 3.) Remove powder-coat and paint in the weld area using sandpaper, round file, and or a grinder.
- 4.) Tack weld the ends of the brace in place. Check clutch operation for clearance before final welding.
- 5.) Paint if desired. See photos below.



Left side view of firewall brace



Right side view of firewall brace



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Top view of firewall brace