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## **SUB FRAME CONNECTOR INSTRUCTIONS:**

### **PART # 3647N ( 79 to 93 Mustang )**

**NOTE 1:** Before starting your installation, read the entire instruction sheet to familiarize yourself with the installation procedure. The installation of sub frame connector is pretty simple but does require the use of a welder which means that certain safety precautions must be taken to prevent personal injury or damage to the car. Never do any welding near fuel lines, brake lines, or gas tank. Also, you must remove interior carpet, upholstery, carpet padding etc. in weld areas to prevent fires from excessive heat transfer.

**NOTE 2:** These sub frame connector are designed to connect the front and rear sub frames on uni-body cars for reduced chassis flex and improved handling. They require no modifications to the floor and are a simple weld in installation.

**STEP 1:** Jack up car to at least 18 inches and support with jack stands. NEVER WORK UNDER A CAR THAT IS NOT SUPPORTED WITH JACK STANDS.

**STEP 2:** Remove the flat plate and line clamp that holds the brake line to the frame at the front of the passenger side rear frame rail and pull the line down to clear the rear portion of the new sub frame connector. On later fuel injected cars, it may also be necessary to temporarily reposition the fuel return lines at this time.

**STEP 3:** Prepare the factory sub frames for welding by cleaning with a grinder the last six inches of the front sub frame and the first six inches of the rear sub frame. Clean both bottom and sides to assure a good weld.

**STEP 4:** Just behind the rear of the front sub frame are two rubber plugs that must be removed for the installation so that the sub frame connector can fit flush to the floor. These holes can be filled with silicone from the inside after installation of the connector.

**STEP 5:** Tack weld connector in place on both sides and recheck for fit and interference with any other components. Take the line clamp and flat plate that you removed in step 2 and put the lines back on the sub frame by drilling two new holes.

**STEP 6:** Finish welding connector. Be sure to completely weld all mating surfaces for maximum strength.

**STEP 7:** After cooling, spray on undercoat or paint to prevent rust or corrosion. Re-attach any components that were either removed or repositioned for welding.

**STEP 8:** Replace carpet and seats, jack up car and remove jack stands.