

MM Standard Length Subframe Connectors (MMSF-1,-3)



Read all instructions before beginning work. Following instructions in the proper sequence will ensure the best and easiest installation.

All welding must be done with a MIG welder. The car's weight must be on the tires. Do not lift on a regular hoist or place on jack stands. Use a muffler shop type hoist (which lifts the car by the tires) or ramps.

We recommend painting the top side (adjacent to the vehicle) of the subframe connectors before starting the installation. This will protect the metal from rusting once the subframe connector is welded to the vehicle.

1. Remove the two rearmost mounting bolts that secure the front passenger seat.



2. Install the supplied longer 10mm bolts with a washer under each head.

MMSF-1,-3.pmd

3. Bolt on the passenger side subframe connector. Use the included 10mm Nylock nut and 3/8" G8 washers.

NOTE: The driver and passenger side connectors are not the same.

NOTE: 1996-98 Cobras have a transmission mount that interferes with the installation of the subframe connectors. See **Supplemental Instructions for Cobra** at the end of these instructions for additional installation information.



4. Check how closely the connector fits to the underside of the front subframe. Due to Ford's production tolerances in the floorpan there may be a gap between the connector and the front subframe. Prior to welding, the connectors can be straightened or further bent. If the gap is at the rearward end of the front subframe, you can bend the connector a little more at the front bend. If there is a gap between the connector and the front subframe at the front end, the connector needs to be straightened at the front bend.

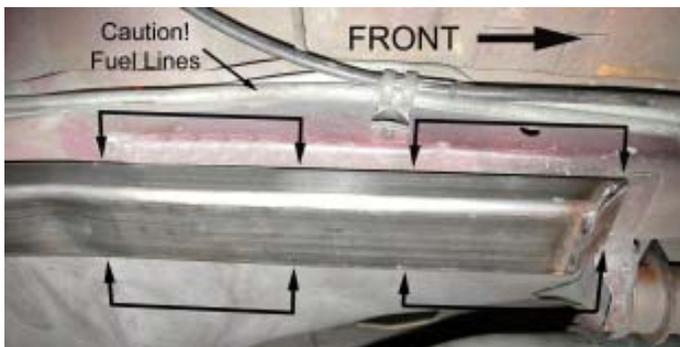


5. Mark all areas where the subframe connector contacts the subframes.
6. Remove the subframe connector from the vehicle.
7. Sand off the paint/powdercoating in the areas to be welded on the vehicle and subframe connectors.
8. Reinstall the subframe connector as in Step 3.
9. Weld the front of the subframe connector to the subframe. Weld between the arrows on *both* the inner and outer sides, as indicated in the picture below. *Do not* weld across the front end cap.
11. Repeat steps 1-10 for the opposite side.
12. Paint all bare metal with a high quality rustproof primer and topcoat.

This kit includes

- 1 Passenger Side Subframe Connector
- 1 Driver Side Subframe Connector
- 4 M10 x 1.5 x 35mm Bolt
- 8 3/8" G8 Washer
- 4 M10 x 1.5 Nylock Nut
- 1 MMSF-1,-3 Instructions

CAUTION: Shield the fuel lines from welding sparks and heat!



10. Weld the rear of the subframe connector to the subframe. Weld between the arrows, on *both* the inner and outer sides, as indicated in the picture below. *Do not* weld across the front end cap.



Supplemental Instructions for Cobra

NOTE: The following modifications will not interfere with transmission crossmember removal.

1. Notch the driver side transmission mount so that the subframe connector will sit flush and square to the front subframe.



Weld transmission mount to subframe before installing subframe connector



2. Notch the passenger side transmission mount so that the subframe connector will sit flush and square to the front subframe.



3. After welding the subframe connectors in place, weld the transmission mounts to the subframe connectors. Full length (MMFL-3) subframe connector is shown in the picture below. Standard length subframe connectors attach similarly.

