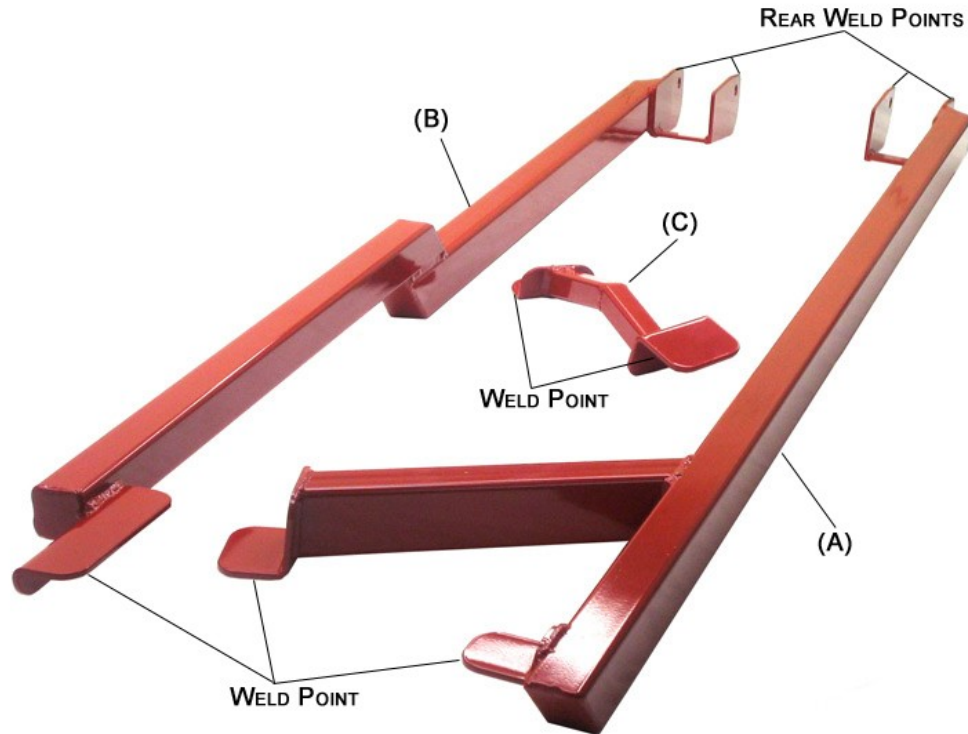


82-92 GM F-Body Weld-In Subframe Connectors
Item # 2400



Note: May not fit 88-92 models with dual catalytic converters

Note: Vehicles suspension **MUST** be loaded while welding! Please follow installation instructions carefully.

Please Read: The UMI Performance subframe connectors for the 82-92 GM F-Body was designed around a stock platform running a factory single catalytic converter system. We have supplied a (3) piece set-up to help clear most aftermarket exhaust systems. Please note that certain exhaust systems may require adjustment on passenger side for a superb fit of subframe connector. UMI Performance Incorporated is not responsible for incorrect installation of this product. This installation is recommended to be performed by a trained automotive technician with welding experience only. If you feel you are not capable of completing this installation please do not attempt.

1. Jack up front of vehicle to a good working height. Place (2) jack stands under each front A-arm. If possible, it is preferred to place the front tires on ramps or blocks to keep the suspension loaded. Move to the back and jack rear of vehicle, place (2) jack stands on the inner frame rails on each side. Do not place jack stands under rear axle. (Loading the rear suspension is completed in a later step)
2. Once car is supported on the stands and/or ramps jack up the rear end until the lower control arms are close to parallel with the ground, leave the rear end supported by the jack. IF USING A DRIVE ON LIFT, DISREGARD STEPS 1 AND 2.
3. Using (2) 18mm wrenches remove the front bolts of the lower control arms. The rear end may shift slightly.
4. Begin with driver's side (A). Place the subframe connector under the car and position the U shaped part of the connector over the rear lower control arm mount. The rear mounting point of the subframe connector is to be on the out side of the subframe/lower control arm mount.
5. Place the lower control arm back into place, use the provided bolts and nuts to reattach lower control arm. Bolt is to be placed through the subframe connector, subframe and lower control arm. Install the provided nut finger tight only. Repeat this step on the Passenger side.
6. Passenger Side- The passenger side subframe connector is a two piece connector consisting of B and C; this is due to exhaust clearance and ease of installation. Locate the passenger side connector (B) and repeat steps 4-5, leave the small piece (C) off the car at the moment.

Thank you for putting your trust in a UMI Performance product!



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Installation Instructions

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7. Lift each subframe connector up until the front mounts of the connector sit flush on the vehicles subframe. Hold the subframe connector into the correct position, use a permanent marker or paint stick and mark the areas to be welded on both the subframe connector and the vehicles subframe, do this on both sides.
8. Unbolt and remove each subframe connector from the vehicle. Using a wire wheel or sander remove the paint from the subframe connector in areas you marked from step 7. Also under the vehicle, clean up all areas where the subframe connector will be welded to the vehicles subframe. Remove all paint and rust.
9. **NOTE:** Vehicles suspension **MUST** be completely loaded and level while welding. We recommend placing the rear tires on blocks or ramps to insure the rear suspension is loaded, we prefer the front tires to be placed on ramps/blocks as well but placing jack stands under each A-Arm will work as well. Let complete weight of vehicle rest on blocks/ramps.
10. Begin with driver's side, place the subframe connector back into position and reinstall rear control arm bolt. Weld a bead around both the front mounting points and both sides of the rear mounting point. Clean up welds and prep for paint.
11. Repeat Step 10 on passenger side. Once passenger side is completed locate the third smaller piece (C). This piece is designed to be welded on the passenger side above the exhaust; it runs from the supplied UMI Performance subframe connector over the exhaust and meets at the vehicles subframe. The passenger side will be a mirror image of the driver's side with the exception of the bend for exhaust clearance.
12. Place piece (C) up into the car twisting it above the exhaust. In some cases the exhaust may need unbolted to do this. Place piece (C) into place; find the best possible spot that offers a good weld point as well as the most exhaust clearance. On a stock exhaust system there should be approximately 1/2" of clearance between piece (C) and the top of the exhaust. If you are running the aftermarket exhaust system this may vary.
13. Once location is determined mark the areas to be welded using a permanent marker or paint stick on the passenger side connector (B), piece (C) and vehicle subframe. Using a wire wheel or sander remove the paint from (C) in areas you marked from step 12 also under the vehicle, clean up all areas where this piece will be welded to the subframe and subframe connector (B). Remove all paint and rust.
14. After all welding is completed clean each area and prep for paint. Touch up each weld point using a rust preventive paint.
15. After completion of welding, lower vehicle to ride height, tighten the lower control arm mounts. Make sure it compresses the bushings when tightened. It may be necessary to tighten the front control arm bolts as much as 72- ft/lbs in order to compress the bushing

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Thank you for putting your trust in a UMI Performance product!

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