

Installation Instructions for 64710 & 64720

Bolt-In Subframe Connectors

65710 – 1967 to 1969 Camaro/Firebird

65720 – 1968 to 1976 Nova/Apollo/Omega/Ventura

Parts Included in the Box:

- (1) Subframe Connector – Left
- (1) Subframe Connector – Right
- (4) Tube Spacers 2.750" Long
- (4) 3/8"-16 Hex Head Bolts 4.000" Long – Grade 5
- (2) 3/8"-16 Hex Head Bolts 3.000" Long – Grade 5
- (6) 3/8"-16 Lock Nuts – Grade 5
- (12) 3/8" Flat Washers

These frame connectors are designed to increase the stiffness of unibody cars by connecting the front and rear subframes. These subframe connectors can also be welded in for additional stiffness – if desired.

Installation Instructions:

1. Jack up the car and support it with jack stands. Place the rear jack stands under the body so that they are clear of the stock leaf spring brackets (the rear end housing should be hanging from the body unsupported).
2. Remove the three bolts that hold the front leaf spring bracket to the rear subframe (one side of the car only).
3. At the rear of the front subframe, loosen the large bolt that attaches the front subframe to the body. Slide the front of the frame connector into the rear of the front subframe between the rubber bushing and the top of the frame rail. Do not tighten the large bolt at this time.
4. Slide the rear connector brackets between the frame and the stock leaf spring bracket. Reinstall the three bolts through the leaf spring bracket and the frame connector. Tighten these three bolts to 40 ft/lbs.
5. Tighten the large bolt at the rear of the front subframe. Torque this bolt to 70-90 ft/lbs.
6. Drill a 3/8" hole through the hole in the connector bracket at the very rear of the frame connector. This hole should be drilled all the way through frame. It may be necessary to remove some exhaust components to drill this hole. Install the 3.000" long 3/8" bolt through this hole in the bracket and through the frame. Put a flat washer on each end of the bolt and tighten the lock nut.
7. Repeat this process to install the frame connector on the other side of the vehicle.
8. Move the jack stands from under the body to under the front control arms in the front and to under the rear end housing in the rear of the vehicle (the vehicle weight should be on the suspension before proceeding to the next step).
9. Use the illustration shown below to mark and drill the 3/8" holes through the rear of the front subframe. Drill these holes all the way through the subframe and front connector bracket. Install the tubular spacers inside the "U" Shaped portion of the front subframe and install the bolts through the frame / connector / tube. These spacers may require some minor trimming. Use a washer on each end of the bolts & tighten the bolts & lock nuts.

