



# INSTALLATION INSTRUCTIONS

## 2010 Camaro Subframe Connector Part No. 30101

Thank you for your purchase from Lakewood Industries. For technical assistance, please call 216-688-8300 Monday thru Friday 8:30 AM to 5:00 PM EST.

**WARNING: DUE TO THE TECHNICAL NATURE OF THIS PRODUCT, AND SPECIALIZED EQUIPMENT, PROFESSIONAL INSTALLATION IS RECOMMENDED.**

**CAUTION: INSTALLATION OF THIS PRODUCT REQUIRES WORKING UNDER THE VEHICLE. IT IS THE RESPONSIBILITY OF THE INSTALLER TO ENSURE A SAFE WORKING ENVIRONMENT. THE USE OF AN AUTOMOTIVE LIFT IS RECOMMENDED. MAKE SURE THAT THE VEHICLE IS SAFELY SUPPORTED AND ALWAYS USE JACK STANDS. ALWAYS WEAR SAFETY GLASSES.**

### STEP 1

Properly raise and secure vehicle on either a drive-on automotive lift or place all four wheels onto ramps which are positioned on a level plane to prevent any twisting of the uni-body prior to installation of sub-frame connector.

### STEP 2

Identify right and left side sub-frame connectors and all sub-frame connector mounting points on vehicle.

### STEP 3

Remove factory installed tunnel brace. For a weld on installation the factory installed aluminum heat shield must also be removed. The heat shield can be reinstalled with slight modifications upon completion of welding.

### STEP 4

Install threaded backing plates into their respective locations and align with existing holes in body. The flat threaded backing plate is used at the outboard mounting location whereas the offset threaded backing plate is used at the forward mounting location.

### STEP 5

Position sub frame connector into place and carefully align threaded backing plates with holes in mounting plates of sub frame connector. Using the supplied metric fasteners attach sub frame connector to vehicle but do not fully tighten until all fasteners have been installed.

**NOTE: The 10mm-1.5 x 35 bolts are to be used at the tunnel brace mounting location.**

### STEP 6

Identify right and left side rear end carrier loops and bolt into place using remaining fasteners.

**NOTE: 3/8 – 16 x 1 inch fasteners are to be used at attachment points between sub frame connector and rear end carrier loops.**

### STEP 7

Tighten all fasteners to approximately 28 ft/lbs of torque. To insure maximum performance from this product the manufacturer recommends welding of the sub frame connector to the vehicle.

**CAUTION! Welding should be performed by a trained or competent operator. All welding safety precautions should be followed when welding on this or any vehicle. Be certain to check for fuel or fuel vapor leaks prior to welding on this or any vehicle. Keep a short current loop by placing ground clamp as close to work as possible. Disconnect negative battery cable.**

### STEP 8

Upon completion of welding and after all welds have cooled remove the four bolts at the tunnel brace mounting location. Trim each side of the factory tunnel brace to fit into the mounting location and install by replacing the four bolts previously removed and torque to 28 ft/lbs.

