Detroit Speed
Weld-in Frame Connectors
1962-1967 Chevy II
P/N: 010104DS

Detroit Speed Subframe Connectors are designed to give maximum longitudinal and torsional stiffness by integrating the connector into both the front and rear frame rails and the floor pan. Once installed, the subframe connectors are not visible from the side view of the vehicle and do not compromise vehicle ground clearance.
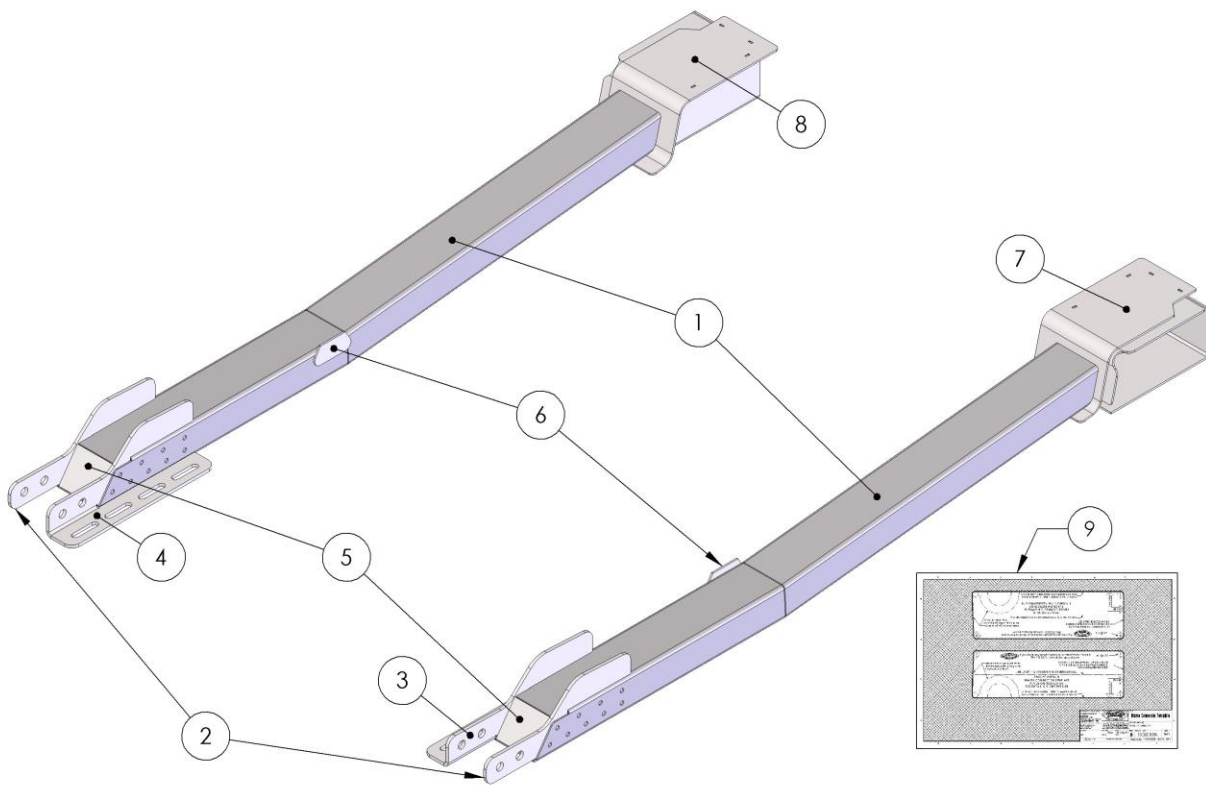

Figure 1

Scan the QR code to guide you through the step-by-step installation video of the 1962-67 Chevy II DSE Subframe Connector installation.

Item	Component	Quantity
1	Chevy II Frame Connector	2
2	Front Frame Connector Outboard Adapter	2
3	Front Frame Connector Inboard Adapter/ Trans Crossmember Bracket, Left	1
4	Front Frame Connector Inboard Adapter/ Trans Crossmember Bracket, Right	1
5	Front Frame Connector Closeout	2
6	Frame Connector Floor Bracket Attachment Tab	2
7	Torque Box, Left*	1*
8	Torque Box, Right*	1*
9	Template	1
10	Instructions	1

*Torque boxes are not included in Chevy II Frame Connector kit. They are included in Chevy II QUADRALink kit or can be purchased separately.

Introduction
Please read the entire set of instructions, watch the installation video available on the Detroit Speed website, and fully understand all the steps involved before beginning the project. Always make sure to wear the appropriate safety equipment for the job and properly support the vehicle.

NOTE: All work should be performed by a qualified welder and technician.

Installation Instructions

1. Before beginning the installation, read and comprehend the entire set of instructions.

2. Raise the vehicle a few feet off the ground so the interior and underside may be accessed. Begin by properly supporting the vehicle under the rear axle and front subframe to avoid tension in the body when installing the connectors.
   a. Disconnect the negative battery cable.
   b. Remove the seats, carpet, and padding. Any other interior panels, headliner, door panels, etc., should be removed or masked well to protect them from grinding and welding sparks.

3. Install the torque boxes. If the vehicle does not have a Detroit Speed QUADRALink, torque boxes will need to be installed.
   a. Fit the torque boxes at the front inboard side of the rear framerails against the underside of the floorboards. There are depressions in the floor at the lower rear seat mount that interfere with the top of the torque boxes that need to be cut out.
   b. Mark locations on the floorboards and inner framerail flanges and drill 3/8" diameter holes for plug welds.
   c. Weld the torque boxes in position.

Torque Box Installation

4. Cut holes in floorboards for connectors.
   a. Find the center of the front framerail hat sections.
   b. Tape the frame connector templates in position according to the instructions on the templates and mark the cut lines.
   c. Carefully cut the floors along the inside of the cut lines. Fit frame connector through hole in floor and against front of torque box. Trim additional material from the floor to fit if necessary.

5. Fit and weld frame connectors.
   a. Install front framerail adapters into the front of the frame connectors and fit them in the vehicle.
   b. Position the framerail adapter against the floorboards and framerails and tack weld in position.
   c. Remove the connectors from the vehicle and weld the front framerail adapters and closeouts to the front of the connectors.
   d. Install the frame connectors in the vehicle and weld them in position.

6. Final assembly
   a. Paint the frame connectors and surrounding areas as desired.
   b. Reinstall the interior.

If you have any questions before or during the installation of this product, please contact Detroit Speed at tech@detroitspeed.com or 704.662.3272