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Part#: 121001

**GM Frame Support Kit**

Chevrolet/GMC

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## READ AND UNDERSTAND ALL INSTRUCTIONS AND WARNINGS PRIOR TO INSTALLATION OF SYSTEM AND OPERATION OF VEHICLE.

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**SAFETY WARNING** BDS Suspension Co. recommends this system be installed by a professional technician. In addition to these instructions, professional knowledge of disassembly/ reassembly procedures and post installation checks must be known.

### INSTALLATION INSTRUCTIONS

**CAUTION:** The welding described below must be done by a certified welder or certified front end specialist.

1. While supporting the vehicle on a jack stand, remove the left front wheel. Remove all steering components, including the steering box
2. Inspect the frame to ensure that there are no cracks in the frame. If any cracks are present, they will need to be fixed before the brackets are installed. Grind a groove along the crack. Weld the crack up completely along the entire length of the crack. Grind the weld to a flat surface.
3. Install the large support plate with the four steering box holes. Use the OE bolts to hold the bracket in place. Use a C-clamp to ensure that the bracket is held flush to the frame. It may be necessary to heat the bracket and bend it in order to ensure a flush mounting to the frame.
4. Skip weld the perimeter of the bracket to the frame. The weld passes should be 1-1/2" long with 1-1/2" gaps between welds. Weld the four small holes for added support.
5. Install the small support bracket on the under side of the frame aligning the two holes over the existing pivots on the frame. Clamp the plate to the frame. If necessary, heat the bracket and form it to mount flush with the frame. Weld the bracket to the frame using the same skip weld method as stated previously.
6. After the welded regions have cooled, remove all slag and clean the area around the weld. Paint the exposed area.
7. Install all steering components to OE specification. Double check all fasteners for torque. Install tire and wheel and lower the vehicle.
8. Check all fasteners after 500 miles.

### PARTS LIST

Part #	Qty	Description
	1	Frame Bracket
	1	Frame Bracket