



# S&W Race Cars and Components, Inc.

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**CAUTION!!!** - The most important requirement for a successful installation of this, or any, S&W chassis component is that you take your time and use good common sense. Check & recheck all measurements before cutting or welding. If you have any questions, before or during the installation - STOP - and call our tech line at 610-948-7303 and we will gladly explain in more detail any step in the installation.

## Please read complete instructions thoroughly before beginning! Installation Instructions for Ladder Bar Crossmember 40-210

Due to the excessive amount of stress or load being put on the ladder bar front crossmember, special care should be taken when locating and installing it into your car. Make sure the surface that you mount it to is free of rust. The mounting surface should also be a very strong portion of the car, if needed install extra plating or supports to strengthen the mounting points.

- 1) Slide the ladder bar front mounting brackets over the crossmember tube with 2 brackets on each side of the drop in the crossmember.
- 2) The ladder bar crossmember should be installed during the installation of the ladder bars.  
**Note: refer to ladder bar instruction for installation of ladder bars.** You should locate the crossmember, with the car level and the ladder bar front rod ends installed on the brackets 1 hole up from the bottom. The bottom tube of the ladder bar should be parallel to the ground. (This will give you better adjustability to fine tune your chassis.) Tack weld the crossmember and brackets in position.
- 3) Install the drive shaft and move the rear housing up and down through its' travel, checking the clearance between the crossmember and the drive shaft.
- 4) If all clearances are okay, tack weld any supports or bracing into position.
- 5) Remove the ladder bars and finish weld all welds on the crossmember, brackets and supports.

### Parts List For Part Number 40-210

<u>QTY</u>	<u>Part #</u>	<u>Description</u>
1	40-2101-3	Crossmember main tube with 3" drop
4	40-2102	Ladder bar front mounting bracket
2	65-086	5/8" x 2-3/4" G8 fine bolt
2	65-137	5/8" fine nylock nut
4	63-075	5/8" half moon

2" & 4" drop crossmembers available separately