



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 Upper Shock Crossmember 40-220**

- 1) Level car front to rear and side to side with rear housing at ride height.
- 2) Set the shocks at their installed height, with the spring removed.
- 3) Attach the shock to the bottom shock mount. Stand the shock vertical in the car. Make sure it is vertical both front to rear and side to side. *When locating the top shock mounts make sure there is enough clearance around the shock so that the spring does not hit the frame or any suspension component when moving throughout it's entire suspension travel.*
- 4) Install mounting tabs on upper shock eye. Use of half moon spacers may be necessary with some shocks.
- 5) Measure the distance between the frame rails above the shocks. Cut the crossmember tube to this length.
- 6) Tack weld the crossmember tube in place between the frame rails and on top of the shock mounting tabs. Crossmember can also be located in front of the shock mounting tabs. *Remember to keep the shocks vertical both front to back and side to side.*
- 7) Install the springs on the shocks. Mount shocks and check all clearances.
- 8) If all clearance are OK, remove shocks and springs and finish welding on mounting tabs and crossmember.

Parts List

<u>Quantity</u>	<u>Part #</u>	<u>Description</u>
1	40-2201	Crossmember main tube
4	60-352	Shock mount tab
4	63-074	1/2" half moon
2	65-322	1/2"-13 x 2-1/2" grade 5 bolt
2	65-136	1/2"-13 nylock nut