



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 Housing Floater 40-230

The S & W floaters capture the leaf springs but allow the housing to "float" forward or rearward on the leaf spring. Side-to-side references between the leaf springs and the housing should be based on the distance from the chassis center line, not the pinion location which is often offset under the chassis.

Note: New brake lines may have to be installed due to interference with existing lines and the new floater assembly.

These floaters are designed for 3" O.D. axle tubes. If your axle tubes are smaller, the upper housing mount will have to be modified.

- 1.) Remove rear housing from the chassis. Be careful not to disturb any adjustment that will change the wheel base.
- 2.) Remove the original spring pads from the axle tubes. Grind the axle tubes smooth.

Note: Be sure not to grind any flat spots into the tubes. Take care not to overheat or cut through the axle tubes.

- 3.) Remove any rust or paint from both sides of the leaf spring where the floater will ride.
Check the spring center bolt for wear, replace if necessary.

- 4.) Assemble the lower housing brackets (2) and the rollers (13). The rollers (13) are installed between the lower housing brackets (2).

- 5.) Place the lower housing/roller assembly on top of the leaf spring. The rollers sit on top of the spring. The lower slotted plate (3) goes under the spring, with the slot running from front to back. Center the slot on the spring center bolt and bolt the slotted plate to the lower housing bracket so that it moves freely on the spring.

Use the 3/8" flat washers supplied to achieve the proper clearance between the lower slotted plate (3) and the lower housing bracket. This kit is designed to work with most single and some multi leaf springs. It may be necessary to purchase additional 3/8" flat washers and longer 3/8" bolts if you are using some multi leaf springs/

- 6.) When the bolts are tightened the assembly must move freely from front to back on the spring. There are two different length sets of bolts provided for this adjustment. A small amount of grease on the springs is recommended.

Note: The lower housing mount and the slotted plate should not be loose enough to jump over the spring center bolt.

- 7.) Place the rear housing under the chassis on top of the lower housing brackets. Bolt the upper housing brackets (1) to the lower housing brackets.

- 8.) Check that the rear housing is centered under the car. Place the floater angles (14) on the axle tubes inside each of the upper housing brackets (1). Weld the floater angles to the axle tubes. The floater angles act as side-to-side travel limiters for the housing. A track locator or panhard bar may be used with the housing floater kit to further prevent lateral movement of the rear housing.

Note: No other parts of the housing floater rear axle assembly needs to be welded.

40-230 Parts List

Item	Qty.	Part #	Description
1	2	40-2301	Upper Housing Bracket
2	4	40-2302	Lower Housing Bracket
3	2	40-2303	Lower Slotted Plate
4	4	65-052	Bolt, 1/2" x 4", Grade 8 fine
5	8	65-314	Bolt, 3/8" x 1-1/2", Grade 8 fine
6	24	65-330	Bolt, 3/8" UNC x 1", Grade 8 fine
7	24	65-132	Nut, 3/8" fine nylock
8	4	65-135	Nut, 1/2" fine nylock
9	8	65-204	Washer, Flat, 1/2"
10	32	65-202	Washer, Flat, 3/8"
11	4	750x120DOMx2.875	Roller, Spacer Tube
12	2	1x1x125AMGMSx3.250	Floater Angle
13	2	99-006	S&W decal

