



**S&W Race Cars and
Components, Inc.**
11 Mennonite Church Road
Spring City, PA 19475

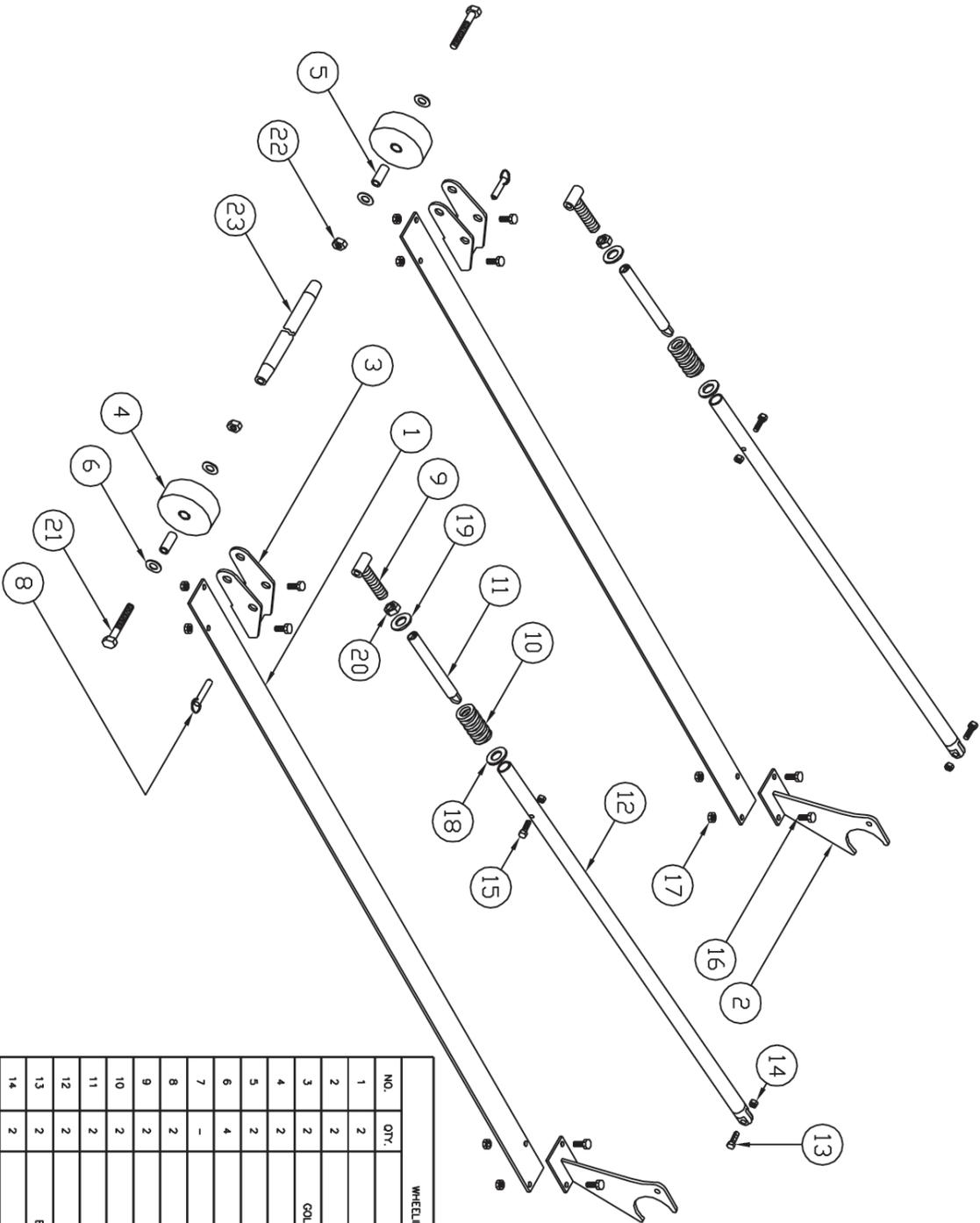
TECH & INFORMATION: 610-948-7303
ORDERS: 1-800-523-3353
OFFICE FAX: 610-948-7342

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!

LEAF STYLE WHEELIE BAR INSTALLATION INSTRUCTIONS

- 1.) Completely assemble the wheelie bars as per diagram. Note; When attaching the main strut to the housing bracket, the bolt should slide through the clevis and bracket freely, without having to flex the aluminum leaf. Care should also be taken to avoid crushing the clevis while tightening the bolt.
- 2.) Place the assembly against the rear housing. Clean all grease, dirt and rust from the axle tube where the brackets will be welded.
- 3.) Before beginning final assembly, your car must be sitting on level ground, at ride height and with the tires set a race pressures. Place the housing brackets back on the axle tubes in the spots you cleaned in step 2 and center the brackets under the car. Measure from the backing plates or housing ends to each housing bracket. This distance should be equal on both sides. The distance from bracket to bracket should be the same as the center to center distance of the wheelie bar wheels. Once the brackets are in position, mark their locations on the axle tubes.
- 4.) With the wheelie bars in position on the rear housing, place a two inch (2") spacer under the wheels.
- 5.) Check that the assembly is square. To do this, measure from a bolt at the front of the leaf spring to a bolt at the rear of the opposite leaf spring. Repeat for the other side. Move the rear of the wheelie bars to the left or right until the measurements are equal.
- 6.) Check all measurements. If correct, tack weld the housing brackets to the axle tubes. Recheck all measurements. If correct, weld both sides of each bracket to the axle tubes.
- 7.) Ground clearance can be adjusted by turning the "tee" in or out.



UNLESS OTHERWISE SPECIFIED:
DIMENSIONS IN
DECIMALS OR ANGULAR
TOLERANCES IN INCHES
XXX ± .010
DO NOT SCALE DRAWING

DATE: 5-19-95

DRAWN: M.E.G.

CHECKED: D.S.

SCALE: NONE

RACE CARS

S&W RACE CARS
11 MENNONITE RD.
SPRING CITY, PA. 19475

SIZE: OVER INCHES: C

OVER INCHES: 48" LEAF STYLE WHEELIE BARS

PART NUMBER: 40-304 OR 40-305

SHEET 1 OF 1

WHEEL BAR MATERIAL LIST 40-304(GOLD) OR 40-305 (CHROME)			
NO.	QTY.	PART DESCRIPTION	PART NUMBER
1	2	ALUMINUM LEAF	40-307
2	2	HOUSING BRACKET	40-314
3	2	GOLD OR CHROME WHEEL BRACKET	40-316(G) OR 40-317(C)
4	2	WHEEL	40-315-0
5	2	WHEEL SPACER	40-315-1
6	4	WHEEL WASHER	40-318
7	-	(DELETED)	-
8	2	PIN	40-319
9	2	THREADED TEE	40-320
10	2	SPRING	40-325
11	2	SLIDER TUBE	40-326
12	2	GOLD OR CHROME STRUT	40-324(G) OR 40-323(C)
13	2	BOLT 3/8 X 1 1/2 GS FINE	65-301
14	2	NUTLOCK NUT 3/8 FINE	65-132
15	2	BOLT 5/16 X 1 1/2 GS FINE	65-304
16	8	BOLT 5/16 X 7/8 GS FINE	65-303
17	10	NUTLOCK NUT 5/16 FINE	65-131
18	2	FLAT WASHER 3/4 SAE	65-206
19	2	FLAT WASHER 5/8 SAE	65-205
20	2	JAM NUT 5/8RH FINE	65-118
21	2	BOLT 1/2 X 3 1/2 GS FINE	65-306
22	2	JAM NUT 1/2RH FINE	65-116
23	1	GOLD OR CHROME AXLE	40-322(G) OR 40-321(C)