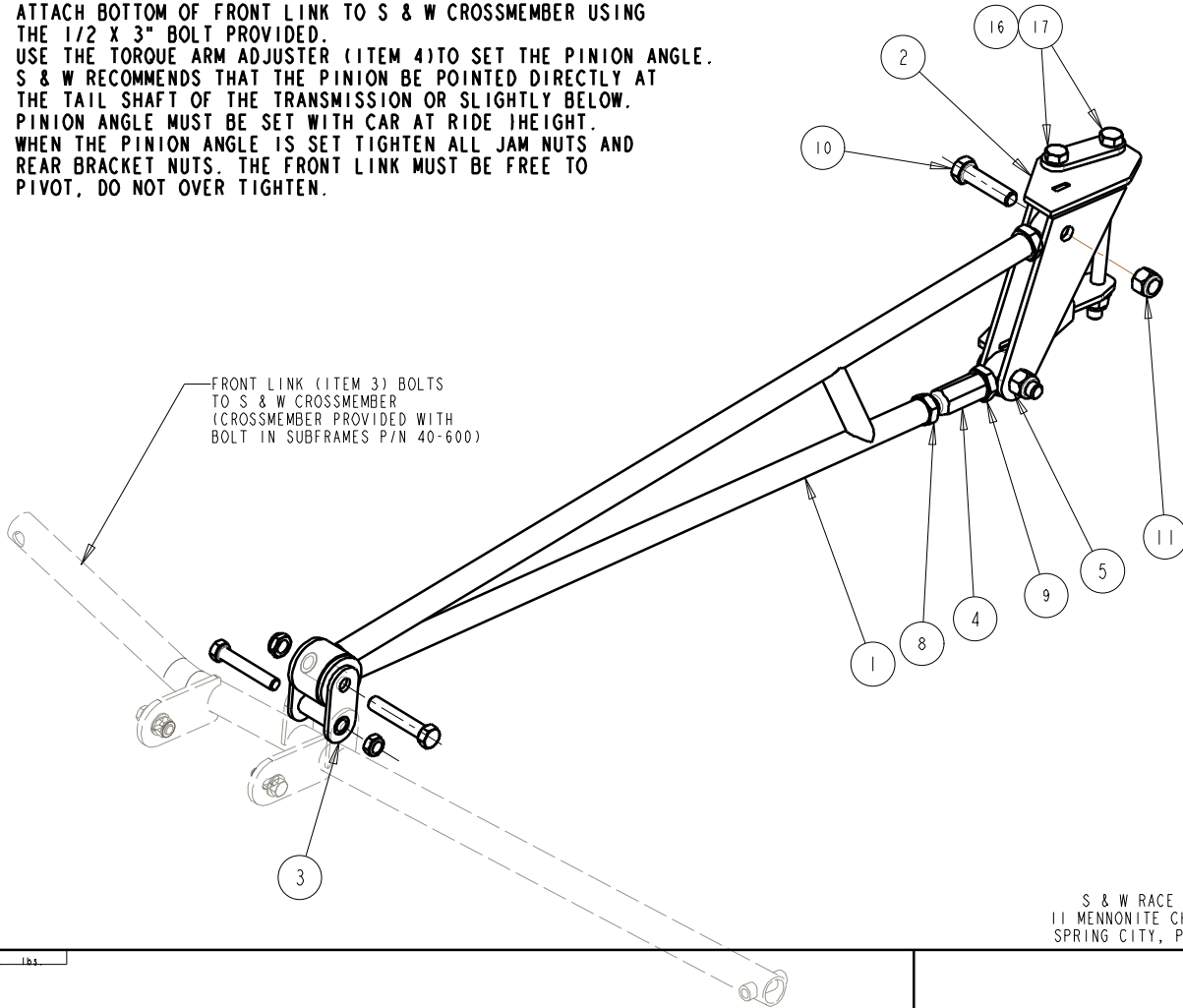


40-601-1

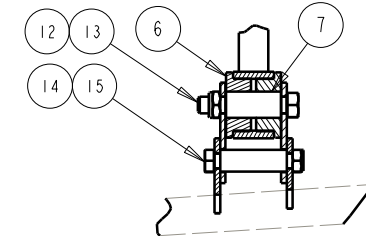
INSTALLATION INSTRUCTIONS

1. RAISE AND SUPPORT CAR. SUPPORT REAR HOUSING SO THAT IT CAN NOT ROTATE WHEN STOCK TORQUE ARM IS REMOVED. THIS CAN BE DONE BY PLACING A JACK STAND UNDER THE PAN HARD BAR MOUNT ON THE REAR HOUSING.
2. REMOVE STOCK TORQUE ARM.
3. INSTALL ASSEMBLED TORQUE ARM, REAR BRACKET AND FRONT LINK.
4. ATTACH BOTTOM OF FRONT LINK TO S & W CROSSMEMBER USING THE 1/2 X 3" BOLT PROVIDED.
5. USE THE TORQUE ARM ADJUSTER (ITEM 4) TO SET THE PINION ANGLE. S & W RECOMMENDS THAT THE PINION BE POINTED DIRECTLY AT THE TAIL SHAFT OF THE TRANSMISSION OR SLIGHTLY BELOW. PINION ANGLE MUST BE SET WITH CAR AT RIDE HEIGHT.
6. WHEN THE PINION ANGLE IS SET TIGHTEN ALL JAM NUTS AND REAR BRACKET NUTS. THE FRONT LINK MUST BE FREE TO PIVOT, DO NOT OVER TIGHTEN.

FRONT LINK (ITEM 3) BOLTS TO S & W CROSSMEMBER (CROSSMEMBER PROVIDED WITH BOLT IN SUBFRAMES P/N 40-600)



BILL OF MATERIALS			
ITEM	QTY	PART No.	DESCRIPTION
1	1	40-601-01	TORQUE ARM ASS'Y
2	1	40-601-02	REAR BRACKET ASS'Y
3	1	40-601-03	FRONT LINK ASS'Y
4	1	65-1001	TORQUE ARM ADJUSTER
5	2	40-235	SOLID ROD END
6	2	40-603-03	POLY BUSHING
7	1	40-603-04	STEEL SLEEVE
8	1	65-121	3/4 JAM NUT, LH THD
9	2	65-120	3/4 JAM NUT, RH THD
10	2	65-310	5/8 X 2 1/2" BOLT
11	2	65-140	5/8 NYLOCK
12	1	65-067	9/16 X 3" BOLT
13	1	65-151	9/16 JAM NYLOCK
14	1	65-050	1/2 X 3 BOLT
15	1	65-145	1/2 JAM NYLOCK
16	2	65-67524801	9/16 x 8" BOLT
17	2	65-52593613	9/16 NYLOCK NUT



SECTION A-A
SCALE 0.250

B	08MAY09	JEB	REV HSG BRKT, ADDED 9/16 BOLTS & NUTS
A	10JUN02	JEB	SHOWS NEW HSG BRKT
0	01NOV99	JEB	INITIAL RELEASE
REV	DATE	DRN	
TOLERANCES:			ADJUSTABLE TORQUE ARM 82-92 CAMARO/FIREBIRD (THRU BOLT)
FRACTIONS ±1/32			
2 PLC DEC ±0.01			
3 PLC DEC ±0.005			
ANGLES ±0.5°			
MATERIAL:			
PART No: 40-601		DRW No: 40-601 - 1	

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

APPX. WT. lbs.