DESCRIPTION	QTY	PART NUMBER
BALANCE ARM	2	AT-PRO-SUB-ARM
CROSS MEMBER	3	AT-BC-PRO-W06
MOUNTING UPRIGHT	6	AT-BC-PRO-W03
UPRIGHT COUPLER	6	AT-BC-PRO-W07
W BRACKET	2	AT-PRO-11
3/4" X 1-1/2" BOLT	32	
3/8" X 1" BOLT	12	
3/8" NUT	12	
CENTER BAR (NOT INCLUDED)		
AUTO TWIRLER (NOT INCLUDED)		

AutoTwirler®

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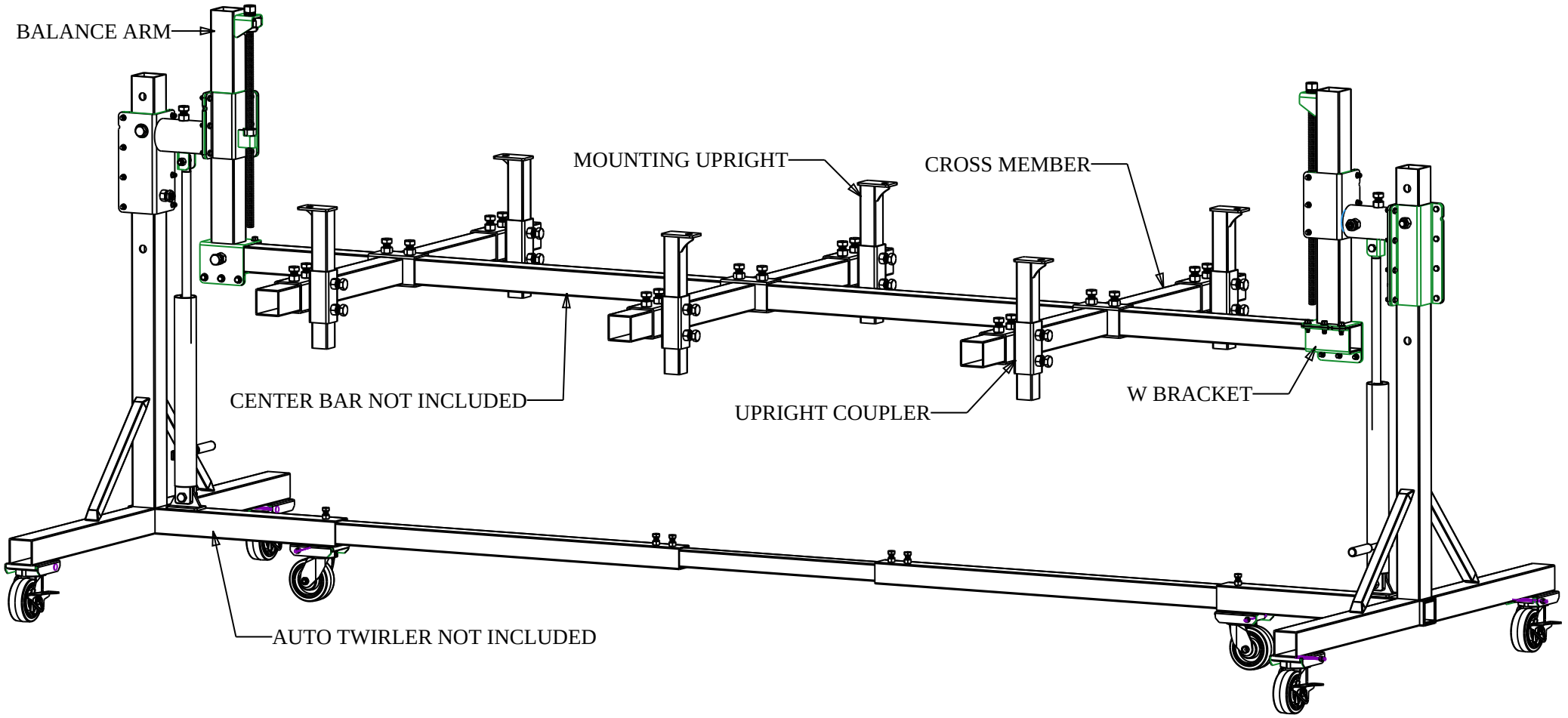
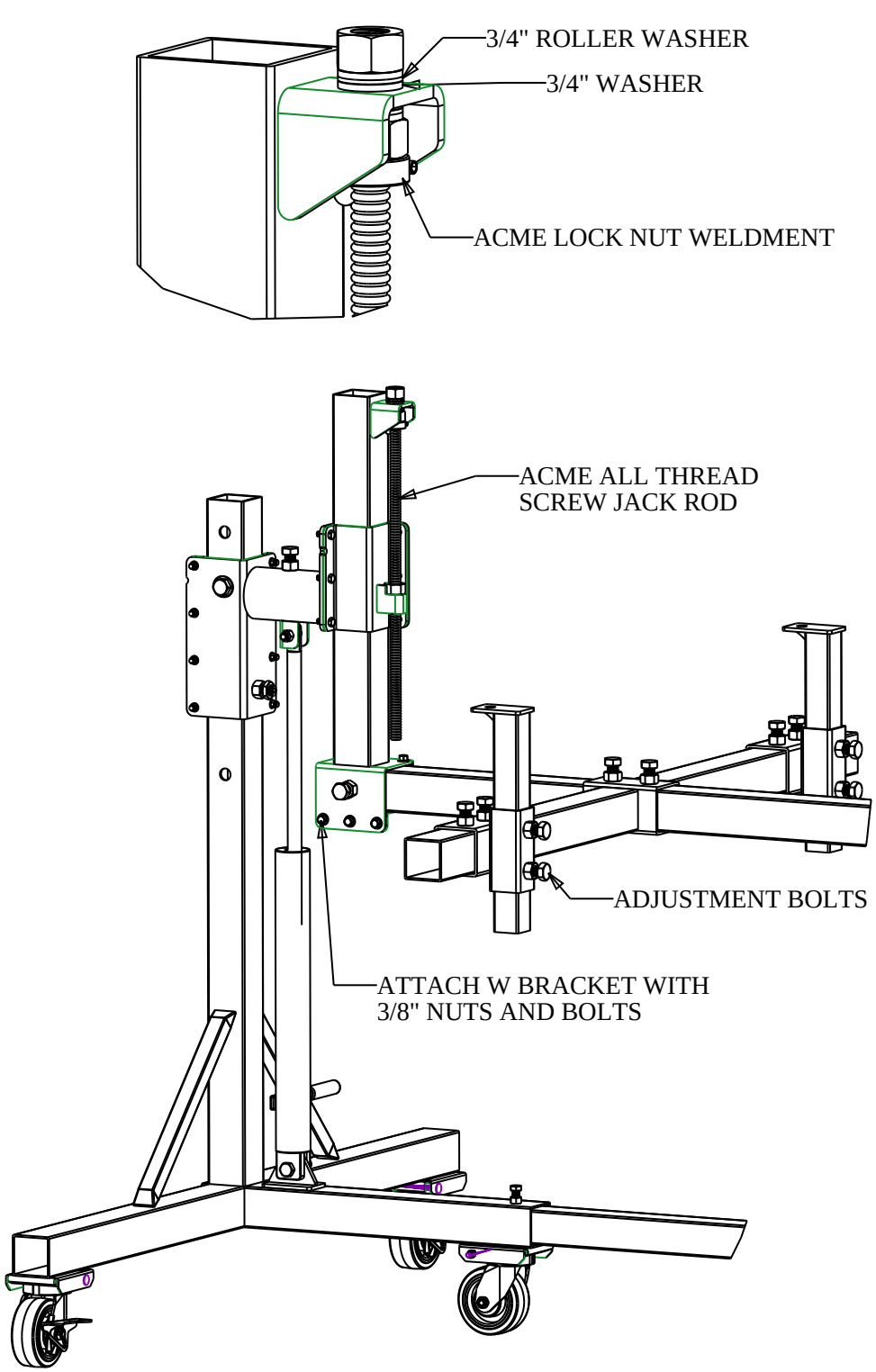
3/23/15

Auto Twirler Standard Sub-Frame System





Assembly & Mounting Instructions

1.) Remove both T-Arm's from the Auto Twirler. Take care to save the Washers and Acme Locknut Weldment and 3/8" nuts and bolts to be reused.

2.) Attach the Balance Arm where the T-Arm was attached, using the W bracket, and the same Washers and Acme Locknut Weldment that was removed to take off the T-Arm.

3.) Place 3 Washers on top of the bracket with the Roller Washer sandwiched inbetween the Standard Washers, then slide the Acme All Thread Screw Jack Rod thru the hole. Slide your other 3 Washers onto the Acme All Thread Screw Jack, Then Thread on the Acme Lock Nut Weldment all the way to to the bracket and tighten.

4.) Thread the Acme All Thread Screw Jack that is attached to the Balance Arm on to the Auto Twirler W Bracket. Next attach the W Bracket to the Auto Twirler using the 3/8" nuts and bolts.

5.) Slide all three Cross members onto the Center Bar, spaced evenly and tighten the 3/4" bolts. Slide Upright Coupler onto each Cross Member, one per side. Slide Mounting Upright into the adjacent tube on the coupler.

6.) Attach Center Bar to both Balance Arm's using the W Bracket and 3/8" nuts and bolts.

7.) Measure body mounts on the car body you are mounting, position the posts as needed, and bolt to your vehicle

8.)Make sure all hardware is properly secure before use.