

TORSION ASSEMBLIES

FUNNY CAR TORSION ASSEMBLY

The MW FC/Altered torsion bar assembly is designed for use on either a Funny Car or Altered chassis, and has a 26" span with 5 inch arms. The housing is 1-1/2" x .065 diameter 4130 chromoly tubing, while the torsion bar is heat-treated 4140 steel.

Extra fine adjustments are possible through the use of 7/8"-48-spline serrations on the torsion bar and arms. The torsion arm load is carried by Torrington® needle bearings. Plus complete freedom of axle movement is assured through the use of 3/8" spherical bearings swaged in the torsion arms.



35000

35000 Funny Car/Altered Torsion Assembly422.00
26" centers with 5" arms

AXLE MOUNTING BRACKETS



15010

Pre-cut mounting brackets make it easy to mount the front axle. All are produced from 4130 sheet normalized condition steel.



33020

15010 Axle Mount Brackets F/C (4)46.00
3/16 4130 welds to 1-5/8" tube axle bolts to the 35000 Torsion

33020 Axle Mount Brackets Dragster (4) 44.00
3/16 4130 plate welds to 1-1/2" tube axle, bolts to the 35300 Torsion

DRAGSTER TORSION ASSEMBLY

Mark Williams has reproduced the Dragster Torsion assembly that was used in the '60's. The bar is produced from 1/2" hex material and has 7/8-48 serrated buttons on the ends for height adjustment. The splined button is hardened as well as the end flange in the tube, to retard wear a small grease hole allows lubrication of the moving parts. This is the same dimensionally, as was used for Woody Gilmore and Mark Williams front engine cars.



35300

35300 Dragster Torsion Bar280.00
20" centers 6-3/8" long arm 1-3/8" Dia housing

ANTI-ROLL ASSEMBLIES

The Anti-Roll assembly features splined 7075 aluminum outer arms. There are two models, 1-1/4" and 1-1/2" spline sizes. The shaft for the 1-1/4" (351XX) series can be heavy wall 1-1/4" chromoly tube or splined adapter .083" diameter adapter tube. The 1-1/2" spline size assemblies, (352XX) series utilize the splined adapter for for 3" x .083 wall 4130 tube. The splined arms eliminate the possibility of oblong holes which are typical of a thru bolt design. The arms have a clevis design and accept 3/8" rod ends. The 3" tubular bar is stiffer than the straight 1-1/4" bar, and has the advantage of being fabricated to any width in the field.

The spherical self-aligning aluminum and Delrin® bearing mount are supplied with the weld on tabs and are available separately.

1-1/4" ANTI-ROLL ASSEMBLIES

35105 3" Tubular Anti Roll Center Tube Assy. 1-1/4" . .686.00
3" center tube assy., with 35103 bearings, specify 5" or 6" arms & width.
Includes (2) 35103 bearing blocks.

35100 MW Anti-Roll Assembly 1-1/4" Serrations378.00
5" or 6" arms. 18" centers. 1-1/4 x .188 tube (custom widths available)
(no bearing blocks)

35103 Spherical Bearing Block 1-1/4"115.00
1-1/4" x 48 Tooth serrations partially in bore. (2 required)

1-1/2" ANTI-ROLL ASSEMBLIES

35250 3" Tubular Anti Roll Center Tube Assy 1-1/2" . .860.00
3 X .083" X (24") center tube 35203 bearings (2), 1.5" ends, and 6" aluminum arms

35203 Spherical Bearing Block, 1-1/2" (one)152.00
1-1/2" x 48 Tooth serrations partially in bore. (2 required)

35110 Linkage Kit for Anti-Roll Assembly170.00
Includes (2) 12" long 7/8"x .058" tube, tub adapters 4130 7/16" large shank RH & LH rod ends with 3/8" holes, all nuts and washers, for 35100 and 35105 kits (not shown).



35100

35105

35103

35250

35203

toll free
800-525-1963

on the web
www.markwilliams.com