

INSTALLATION - SERVICE INSTRUCTIONS

765 South Pierce Avenue Louisville, Colorado 80127

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Bulletin #32 page 1 of 2 **40 Spline Floater Assembly**

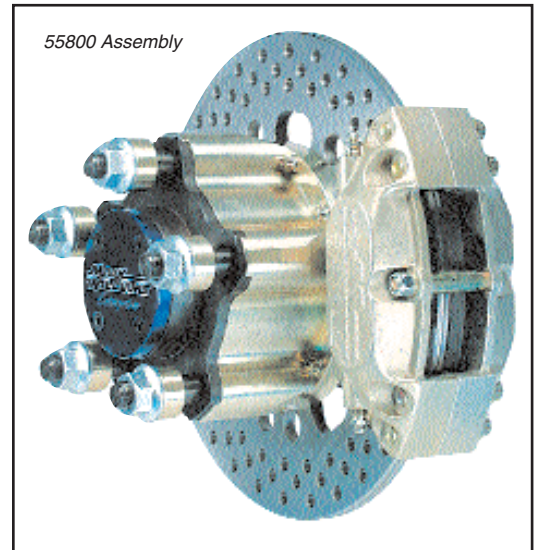
May 2007

PART NUMBERS:

	DESCRIPTION
55700.....	Complete full floater assembly, 5" B.C..
55750.....	Full floater assembly, 5" B.C. (less spindles).
55800.....	Complete full floater assembly, 5 1/2" B.C.
55750.....	Full floater assembly, 5 1/2" B.C. (less spindles).

PARTS INCLUDED:

2 - 55001..(55700, 55750 kits).....	5" BC Aluminum floater hub.
2 - 55030..(55800, 55850 kits).....	5 1/2" BC Aluminum floater hub.
4 - 55010.....	Sealed hub bearing.
2 - 55020.....	Drilled steel brake rotor .
20 - 215.05.16NF.....	Brake rotor mounting bolt.
2 - 55005..(55700, 55750 kits).....	5" BC drive plate.
2 - 55031..(55800, 55850 kits).....	5 1/2" BC drive plate.
2 - 55004.....	Floater spindle w/seat ring.
2 - 55021.....	Caliper mounting bracket.
8 - 03224334.....	Caliper bracket bolt.
8 - AN960-616, 21FC-624.....	Caliper bracket washer and nut.
2 - 81100.....	MW 4 piston brake caliper.
4 - 81130.....	MW brake linings.
4 - AN6-10A, AN122584.....	Caliper bolt and hardened washer.
2 - 55028.....	Spacer, between bearings
2 - 55018.....	Drive plate cover.
8 - 03213824.....	Drive plate cover bolt.
2 - -034.....	Drive plate cover "O" ring.
2 - RSN168.....	Axle retaining spiral lock ring.
2 - 3100-255.....	Hub retaining snap ring.
2 - 76X6261.....	Spindle seal.
10 - 55030.....	Steel flanged Snap-Lock lug nut.
10 - 515X1.....	Wheel stud (see variables below).
10 - 5501X.....	Aluminum lug nut washer (see variables below).



VARIABLE PARTS:

51561.....	Wheel stud, 2" long shoulder.
55019.....	Wheel stud, 2.812" long shoulder.
55013.....	Aluminum lug nut washer, 3/8" thick.
55014.....	Aluminum lug nut washer, 9/16" thick.
55015.....	Aluminum lug nut washer, 3/4" thick.

PRIMARY APPLICATIONS:

Drag racing. Any class requiring floating rear axle, advanced ET to Top Fuel.

INSTALLATION OVERVIEW:

- 1) After the floater spindles have been welded on the housing tubes and all bracing is completed install spindle seals.
- 2) Slide the caliper bracket onto the spindle (make sure the threaded inserts in the bracket are facing out). Brackets center on the ring against the flange of the spindle. Align holes in the bracket with holes in the flange to position the brake caliper to the rear and install the 3/8" flat head allen bolts with self locking nuts and washers.
- 3) Slide assembled floater hubs (brake rotor and studs installed) onto the spindle. Inner bearing must seat against ring on the spindle then install the large snap ring retainer.
- 4) Install spiral lock on the end of the floater axles and slide them thru the drive plates until the spiral lock seats against the face of the drive plate then install the blue anodized covers with the "O" rings in place using the 1/4" flat head allen bolts. (Note: If using one piece axle spiral locks are not used)
- 5) Install brake calipers and brake linings. Check that the caliper is centered on the brake disc. If required, install shims to make final alignment. Shims can be placed between the bracket and spindle (p/n 55030) to move caliper towards wheel. Shim (p/n 71018) can be placed between caliper and bracket to move caliper towards center of rear.
- 6) Slide assembled axles and drive plates into the spindle and seat the drive plate against the face of the hub.
- 7) Install rear wheel and torque lug nuts to 95-100 ft/lbs.

continued...

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TORQUE SPECS:

Drive plate cover bolts (1/4-20) 15-20 ft/lbs.
Caliper bracket bolts, caliper mounting bolts (3/8-24) 30-35 ft/lbs.
Lug nuts (5/8-18) 95-100 ft/lbs.

MAINTENANCE REQUIREMENTS:

Periodic visual inspection of entire assembly is required. Check torque on all fasteners. Inspect brake rotors for excessive heat and run-out. Inspect for flatness and minimum thickness (.320"). Disc cannot be resurfaced. Replace Disc when worn or warped. Rotate hub assembly with axle and drive plate removed to check hub bearings for smoothness.

