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## IMPORTANT!!!! PLEASE READ!!!!

Thank you for purchasing the finest quick change in the industry. *The Bulldog by DMI*. There are a few important things you should know to get the most out of your quick change. Here are a few tips.

**\*\*\*Oil** Fill rear end through the large inspection plug on the right side. The oil should just cover the lower shaft. Please be sure to check the oil level often and after every gear change. On an XR-2, fill until oil runs out of small plug below large inspection plug on right sidebell. We also recommend the use of a high quality gear lube, such as **Champion Racing XP Synthetic 75W90 or Joe Gibbs 75W110 Gear Oil.**

**\*\*\*Swivel Coupler** The swivel coupler must be serviced every 4-6 races. Disassemble, clean thoroughly, replace worn out seal and o-rings and re-assemble. Pack splines liberally with **Bel-Ray Assembly Lube** available from DMI part # GR-600.

### **\*\*\*Torque Specs and Rear Settings**

Side Bell Nuts - 35 ft/lbs.

Side Bell Bolts - 25 ft/lbs.

Threaded Ring Gear - 60 ft/lbs.

Thru Ring Gear - 35 ft/lbs.

Pinion Retainer Bolts - 25 ft/lbs.

Pinion Backlash - .006 - .008.

Rotational Pinion Preload (No axle) - 25 in/lbs. @ 70 F.

Rotational Pinion Preload (Complete Assy.) - 48 in/lbs. @ 70 F.

### **\*\*\*Starting Recommendations for Shims**

Tapered Bearings Left - .115" Right - .150"

Angular Contact Left - .315" Right - .350"

Rear should be rebuilt every 1000 laps. Rear axle should be replaced every 1000 laps.

**IF YOU HAVE A QUESTION - CALL - DO NOT GUESS!!!!!!**