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TECHNICAL MEMO # FE/ESR 07-01 *Revised*

To: All FE/ESR Owners and CSRs

From: Chris Doyle, Technical Manager

Date: 29 August, 2007 *Revised 19 July, 2008*

Re: Elite Gearbox Technical Specifications & Suggested Torque Specifications

Technical Specifications

Weight: 80 lbs. (Dry weight including Input Shaft)

Oil Type: Your Favorite Gear Oil 75w90

Oil Quantity: 2¼ Quarts (72 oz) for Road Courses

2¾ Quarts (88 oz) for Ovals

Ring & Pinion Ratio: 12:33

Gear Ratios: 1st 12:29, 2nd 15:28, 3rd 16:24, 4th 18:22, 5th 24:26

Suggested Torque Specifications

Pinion Nut: 150 ft lbs. (with red loctite)

Layshaft Nut: 150 ft lbs. (with red loctite)

Pinion Bearing Nut: 240 ft lbs. (with red loctite)

Ring Gear Bolts: 80 ft lbs.

Pinion Bearing Bolts: 18 ft lbs.