



SCCA Enterprises, Inc.
14550 E. Easter Avenue, Suite 400
Centennial, CO 80112
Phone: (303) 693-2111
Fax: (303) 680-5633

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.