



# PRODUCT BULLETIN GM LS

GEN III & IV  
2001 AND NEWER APPLICATIONS  
4.8L, 5.3L, 6.0L, 6.2L

THIS "PREMIUM LONG BLOCK" ENGINE INCLUDES THE BLOCK, CRANK, RODS, BEARINGS, PISTONS, RINGS, CAMSHAFT, CYLINDER HEADS, OIL PUMP, PICK UP TUBE, TIMING COVER AND OIL PAN INSTALLED. TO ADDRESS THE MOST COMMON FAILURES OF THIS ENGINE, ALL TRI STAR GEN III & IV LS ENGINES INCLUDE:

- ⇒ CYLINDER HEADS ARE PRESSURE TESTED TWICE, BEFORE MACHINING AND AFTER FINAL ASSEMBLY
- ⇒ OIL PRESSURE RELIEF VALVE DEFLECTOR FOR 2007 AND LATER APPLICATIONS, GM PART NUMBER 12639759
- ⇒ LATEST DESIGN AFM LIFTERS USED
- ⇒ NEW GM AFM OIL MANIFOLD INSTALLED, #12571609
- ⇒ TRI STAR DESIGNED CAM BEARINGS FOR TIGHTER OIL TOLERANCES THAN OE CAM BEARINGS

### IMPORTANT INSTALLATION WARNINGS

- MOST GEN III APPLICATIONS HAVE A TSB REGARDING OIL CONSUMPTION FROM THE PCV IN THE VALVE COVER. BE SURE TO REPLACE THE VALVE COVERS WITH THE UPDATE FROM GM
- REPLACE/INSPECT ENGINE OIL COOLERS AND INTAKE MANIFOLDS TO AVOID CONTAMINATION OF THE NEW ENGINE.

**COATED HYPEREUTECTIC PISTONS** RESIST SCUFFING AND DAMAGE TO HEAT MUCH BETTER THAN FACTORY ALUMINUM PISTONS

**MOLY PISTON RINGS** REDUCE FRICTION AND CYLINDER WALL WEAR TO EXTEND THE LIFE OF THE ENGINE

**FEL-PRO® REAR MAIN SEALS** PROTECT AGAINST HEAT AND LEAKS

**CRANKSHAFTS ARE MICRO-POLISHED** TO EXTEND THE LIFE OF BEARINGS

**MULTI-LAYERED STEEL (M.L.S.) HEAD GASKETS** RESIST HEAT AND PREVENT HEAD GASKET LEAKAGES

**CONNECTING RODS** ARE HONED TO ENSURE UNIFORMITY, AND BENT RODS ARE SCRAPPED (SOME COMPETITORS WILL BEND RODS BACK INTO PLACE)

**CHROME PLATED VALVE STEMS** RESIST SCUFFING AND HEAT FOR GREATER DURABILITY

**EVERY TRI STAR ENGINE IS THOROUGHLY TESTED PRIOR TO PACKAGING TO ENSURE A QUALITY PRODUCT.**

THIS ENGINE INCLUDES TRI STAR'S

**INDUSTRY LEADING WARRANTY**

- 3 YEARS - UNLIMITED MILEAGE
- NATIONWIDE AND TRANSFERABLE
- COVERS PARTS AND LABOR UP TO \$50/HR

#### OPTIONAL 'NO FAULT' SUPPLEMENT

- RAISES LABOR COVERAGE TO UP TO \$70/HR
- COVERS TOWING UP TO \$100
- COVERS CAR RENTAL UP TO \$35/DAY, MAX 10 DAYS
- ADDS 'NO FAULT' COVERAGE

PRIVATE USE VEHICLES UNDER 1 TON. LABOR COVERAGE ONLY APPLIES FOR UNITS INSTALLED AT LICENSED REPAIR FACILITY. CALL FOR DETAILS.



**TRI STAR ENGINES ARE PROUDLY RE-MANUFACTURED IN WISCONSIN.**

TRI STAR USES ONLY THE HIGHEST QUALITY BRAND NAMES TO PROVIDE THE MOST DEPENDABLE ENGINES!

