

GM's LS Engines

TRUE® ROLLER SETS FOR ALL YOUR LS NEEDS!

We start with sprockets machined from premium billet steel on state-of-the-art CNC equipment. Both sprockets are then induction hardened and oil-quenched using our in-house multi-stage heat treat process. Our sprockets are made "oversized" to eliminate the chain slack found in the OE and other aftermarket sets. The cam sprocket is machined for and includes a captured thrust bearing to reduce friction. Our Premium True® Roller chains feature superior strength with full roller action. Side plates are cut and shaved from high strength steel and heat-treated for maximum fatigue resistance. The .250" rollers are "cold rolled" and hardened to exacting standards increasing load and RPM capabilities. All our LS sets are hand-matched at our manufacturing facility to qualify center distance and run out. This is a Cloyes Exclusive - no one else in the industry takes the time and attention to detail to ensure you get the very best custom set in each and every box.

We offer LS sets in our patented Hex-A-Just® series allowing easy timing adjustment of +/- 6°, as well as in our Race Billet series which are available with three or nine keyways.

New Coverage for Raised Blocks and also an EXTREME DUTY Race Chain!

LS sets now available with increased center distance for the RHS and other .390 raised blocks.

Also new this year, all our LS sets are available with the well-known racing chain currently being used by the leading 24 hour endurance teams . . .

Cloyes True® Roller "Z" Chain

The "**Z**" chain is the preferred extreme racing option offering unmatched strength and durability for the LS team looking for all-out racing performance. The "**Z**" chain is standard on our raised cam LS sets and available as an upgrade on all LS applications. **YOU WON'T FIND BETTER!**

How to Identify your LS Engine Management System

This Cloyes sprocket → replaces GM no sensor hub and single sensor hub sprockets.



3 bolt cam
no or 1 sensor hub



3 bolt cam
4 sensor hubs



1 bolt cam
4 sensor hubs

Not sure what you need? Contact our Tech Line for help - (479) 646-1662 ext 228

WWW.CLOYES.COM

TRUE® ROLLER SETS FOR LS ENGINES

- * Induction Heat-Treated, Billet Steel Sprockets
- * Cloyes Premium True® Roller Chain
- * Also Available with *EXTREME DUTY "Z CHAIN"* for All-Out Racing
- * Captured Thrust Bearing
- * All Sets Hand-Matched at Cloyes Manufacturing Facility

| APPLICATION | HEX-A-JUST® TRUE® ROLLER | RACE BILLET TRUE® ROLLER | | Chain Only |
|--|-----------------------------|-----------------------------|-----------------|---------------|
| STANDARD CENTER DISTANCE | | 3 KEYWAY | 9 KEYWAY | |
| LS1 / LS2 / LS6 1997-2005 5.7, 6.0 (three bolt cam / no or one sensor hub) - this also includes 2006 Pontiac GTO | | | | |
| single roller | 9-3158A | 9-3658TX3 | 9-3658TX9 | 9-304 |
| single roller (" <i>Z</i> " Chain) | 9-3158AZ | 9-3658TX3Z | 9-3658TX9Z | 9-303 |
| double roller (no bearing) | 9-3159A | 9-3659X3 | | 9-131 |
| LS2 2006 6.0 (three bolt cam / four sensor hub) | | | | |
| single roller | 9-3172A | 9-3672TX3 | 9-3672TX9 | 9-304 |
| single roller (" <i>Z</i> " Chain) | 9-3172AZ | 9-3672TX3Z | 9-3672TX9Z | 9-303 |
| LS2/LS3 2007-2009 6.0, 6.2 (single bolt cam / four sensor hub) - these sets also include the chain damper | | | | |
| single roller | | 9-3673TX3 | 9-3673TX9 | 9-304 |
| single roller (" <i>Z</i> " Chain) | | 9-3673TX3Z | 9-3673TX9Z | 9-303 |
| LS7 2006-10 (three bolt cam / four sensor hub) | | | | |
| single roller | 9-3167A | 9-3667TX3 | | 9-304 |
| single roller (" <i>Z</i> " Chain) | 9-3167AZ | 9-3667TX3Z | | 9-303 |
| RAISED BLOCK SETS - center distance raised .390" - damper #9-5491 recommended | | | | |
| | | 3 KEYWAY | 9 KEYWAY | |
| LS1 / LS2 / LS6 5.7, 6.0 (three bolt cam / no or one sensor hub) | | | | |
| single roller (" <i>Z</i> " Chain) | 9-3158AZR | 9-3658TX3ZR | 9-3658TX9ZR | 9-302 |
| double roller (no bearing) | 9-3159AR | 9-3659X3R | | 9-132 |
| LS2 6.0 (three bolt cam / four sensor hub) | | | | |
| single roller (" <i>Z</i> " Chain) | 9-3172AZR | 9-3672TX3ZR | 9-3672TX9ZR | 9-302 |
| LS2/LS3 6.0, 6.2 (single bolt cam / four sensor hub) | | | | |
| single roller (" <i>Z</i> " Chain) | | 9-3673TX3ZR | 9-3673TX9ZR | 9-302 |
| LS7 (three bolt cam / four sensor hub) | | | | |
| single roller (" <i>Z</i> " Chain) | 9-3167AZR | 9-3667TX3ZR | | 9-302 |

REPLACEMENT NEEDLE BEARING for LS sets = Part #9-232

**REPLACEMENT
DAMPER
PART #9-5491**



Damper included on single bolt sets as noted above, but can be ordered as option for all your LS applications. Recommended for raised block sets.