

ENGINE WORKS

2022

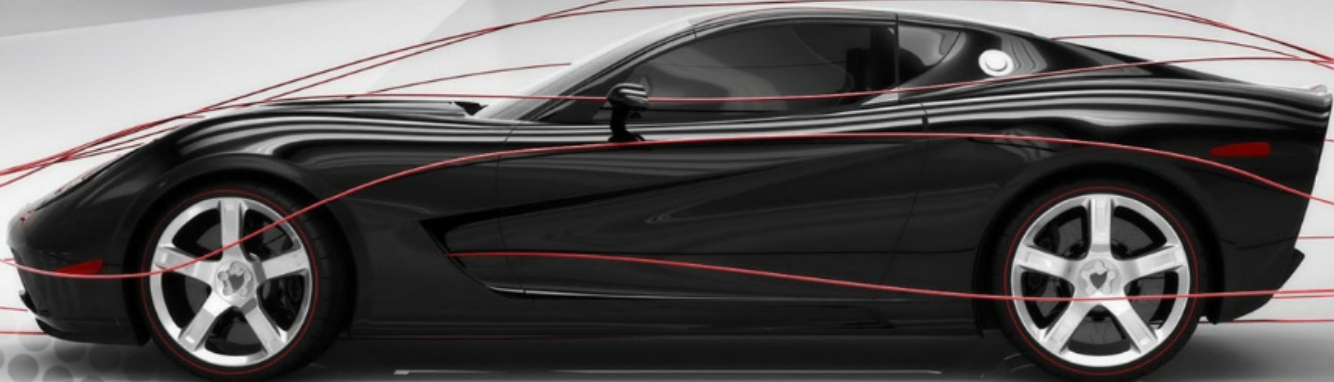
LS PARTS



RACE-PROVEN QUALITY

SERIOUS HORSEPOWER

SINCE 1995



LS SERIES CAMSHAFTS

Our performance LS Series camshafts are a great choice when you're looking to add horsepower. These precision-engineered, extensively-tested camshafts allow you to choose the best cam for your LS application.



PART NO.	APPLICATION	IDLE	BASIC RPM RANGE	ADV. DUR.	DUR. @ .050	VALVE LIFT	LOBE SEPARATION	REC. SPRING PRESSURES	NOTES
158770HR	Hydraulic Roller	Fair	2000-6000	289/300	225/236	525/525	110	130-150lbs on seat / 350-400lbs open	GM # 88958770
158771HR	Hydraulic Roller	Fair	2200-6000	283/286	228/230	585/585	112	120lbs on seat / 300lbs open	Sloppy Stage 2
158773HR	Hydraulic Roller	Rough	2000-6000	295/336	234/277	595/595	107	130-150lbs on seat / 350-400lbs open	GM # 88958773
156972HR	Hydraulic Roller	Rough	2000-6500	298/309	236/246	612/612	110	130-150lbs on seat / 350-400lbs open	GM # 19166972

LS CAMSHAFT RETAINER PLATES

Camshaft retainer plates are designed to fit behind the front cover and act as a seal for the front oil passages that feed oil to the lifters, cam, and main bearings.



PART NO.	DESCRIPTION	GM PART NO.
589016	LS Camshaft Thrust Plate w/ Seal	12589016

GM LS LIFTER GUIDES

These units are the newer design LS2 trays used in all current LS builds except for the active cylinder management engines. This guide features increase support in the design.



PART NO.	DESCRIPTION	GM PART NO.
595365-4	LS Lifter Guide - Fits all LS engines not using active cylinder management - 4 Pack	12595365
551163-4	Lifter Guide Retaining Bolt - Use 1 per lifter guide, 4 per engine - 4 Pack	12551163

GENUINE LS DELPHI HYDRAULIC ROLLER LIFTERS

Performance LS-Series Hydraulic Roller Lifters are available as original equipment manufacturer (OEM) production replacement lifters.



PART NO.	DESCRIPTION	GM PART NO.
ML9225H-16	All LS applications using GM lifter guides, LS7 Type - Set of 16 - Delphi # 25341990	12499225

DELPHI-STYLE LS HYDRAULIC ROLLER LIFTERS



PART NO.	DESCRIPTION
ML2148H-16	Stock Replacement for 1987-2007 Vortec & LS (Delphi-Style) - Set of 16

LS STOCK OE STYLE ROCKERS

- Upgraded 8620 Material Steel Trunnion
- Captive Roller Bearing Design
- 100% Drop-In Replacement
- Aftermarket Mount Bolts Included



PART NO.	DESCRIPTION
35070	1.7 Ratio - LS1/LS2/LS6 - LR4/LM7/LS9/LM4/L33 Vortec 4.8/5.3/5.7/6.0L
35071	1.7 Ratio - LS3 - L99/L76/L92/LS9/LSA

LS 3-BOLT CAM CONVERSION KIT

Kit includes ARP™ M8 Cam Bolts, Melling™ LS Timing Chain Damper, and 3-bolt 4-pole Cam Sprocket.



PART NO.	DESCRIPTION	GM PART NO.
586481	LS 3-Bolt Cam Conversion Kit	12586481

GM LS SERIES VALVE SPRING LOCATORS

As with all other areas in the valvetrain, the area where the spring sits also takes a beating. The old standard shims and/or seats simply will not hold up to the extreme pressures and high rpm found in today's performance engines. Engine Works valve spring locators solve this problem and eliminate failures. Sold in packages of 16.



PART NO.	SPRING O.D.	O.D.	L.D.	SHOULDER O.D.
250-16	1.300	1.270	0.505	.655
251-16	1.300	1.270	0.565	.655

VALVE SPRING SHIM KITS

Contains 16 of .015, .030, and .060 thick shims.



PART NO.	O.D. SIZE	I.D. SIZE	NOTES
99330	1.330	0.600	GM LS Series (Hardened)

LS VALVE SPRING RETAINERS

Our Engine Works retainers are precision-machined from 4140 chromoly steel and finished in black oxide. These retainers are made to maintain high strength and have a lightweight design. Sold in packages of 16.



PART NO.	DESCRIPTION
550-16	Steel - Beehive - STD Size - 7° - 8mm Valve - 1.030" OD x 0.640" Inner Step (Will work with PAC 1218 or 1219 springs)
551-16	Steel - Stock - STD Size - 7° - 8mm Valve - 1.240" OD x 0.945" 1st Step x 0.690" Inner Step (Will work with PAC 1904 or 1905)

LS BEEHIVE VALVE SPRINGS

- No Damper
- 1.270 OD / 0.850 ID Bottom
- 1.065 OD / 0.650 ID Top
- 95 lbs @ 1.800
- 300 lbs @ 1.250
- 1.180 Coil Bind
- 0.560 Max Lift



PART NO.	DESCRIPTION	GM PART NO.
965-16	LS Beehive Valve Spring	12499224

LS VALVES

PART NO.	DESCRIPTION	HEAD DIA	STEM	LENGTH	NOTES
218155	OE LS Exhaust	1.551	0.3136	4.915	Stock Replacement
218155P	Performance LS Exhaust	1.550	0.3135	4.915	Stainless Steel w/ Swirl Polished Undercut Stem
218160P	Oversized Performance LS Exhaust	1.600	0.3135	4.915	Stainless Steel w/ Swirl Polished Undercut Stem
218200	OE LS Intake	2.000	0.3136	4.869	Stock Replacement - Black Nitrided
218200P	Performance LS Intake	2.000	0.3135	4.870	Stainless Steel w/ Swirl Polished Undercut Stem
218205P	Oversized Performance LS Intake	2.050	0.3135	4.870	Stainless Steel w/ Swirl Polished Undercut Stem
218165	OE LS3 Exhaust	1.587	0.3136	4.914	Stock Replacement
218587	OE LS3 Intake	2.165	0.3135	4.870	Stock Replacement - Black Nitrided



OE REPLACEMENT PUSHRODS .075" WALL

- 1010 Heat treated steel
- Welded ball tips
- Street/Strip
- 30% Stronger than OE
- Guideplate compatible
- Set of 16



PART NO.	APPLICATION	WALL	LENGTH	OVERALL LENGTH	TUBING DIAMETER
157397	OE Replacement - GM LS	0.075"	Stock	7.397"	5/16"

LS SERIES PUSHRODS .080" WALL

- Laser Etched
- Heat-Treated
- .080" Wall
- 5/16" Dia.



8-PACK	DIAMETER	LENGTH
3007325-8	5/16	7.325"
300735-8	5/16	7.350"
3007375-8	5/16	7.375"
300740-8	5/16	7.400"
3007425-8	5/16	7.425"
300745-8	5/16	7.450"
3007475-8	5/16	7.475"

LS TIMING COVERS

Engine Works timing covers are built to the highest quality standards to ensure an excellent fit and leak-free seal.



PART NO.	DESCRIPTION	GM PART NO.
556623	Cover w/o Sensor Hole - Does have front seal installed Fits LS1/LS6	12556623
633906	Front Cover - Comes w/ sensor, sensor pigtail & bracket, and seal - Fits LS2/LS3 (Gasket & Bolts Sold Separately)	12633906
633906B	Front Cover - Comes w/ sensor hole provision & seal (No sensor or sensor bracket) - Fits LS2/LS3 (Gasket & Bolts Sold Separately)	12633906B



PRO-BILLET SERIES TIMING CHAINS

- Pre-stretched Double Roller .250" chain (ROLO)
- Performance engineered teeth - Provides stable timing in high RPM apps
- Surpasses OE design for strength & accuracy
- 9-keyway crank sprocket
- Heat-treated crank gears
- Torrington bearings

DOUBLE ROLLER	SINGLE ROLLER	.005" UNDERSIZE	.010" UNDERSIZE	APPLICATION	ROLO CHAIN #	IWIS CHAIN #
19335	---	---	---	LS1 (1997-2006), 3-Bolt Cam - No Sensors	3DR-60R	---
19435	19435S	19435-S & 19435S-S	---	LS2 (2003-2007), 3-Bolt Cam - 1 Sensor (Also works with no Sensors)	3DR-60R	---
19435A	19435SA	---	---	LS2 (2003-2007), 3-Bolt Cam - 1 Sensor - Adjustable Cam Gear	---	---
19535	19535S	---	---	LS2 / LS3 (2007-2014), 6.0L-6.2L, 1-Bolt Cam - 4 Sensors	3DR-60R	---
29635	29635S	---	---	LS2 / LS3 (2006-2007), 6.0L-6.2L, 3-Bolt Cam - 4 Sensors	3DR-60R	---
29635A	29635SA	---	---	LS2 / LS3 (2006-2007), 6.0L-6.2L, 3-Bolt Cam - 4 Sensors - Adjustable Cam Gear	---	---
19775	19775S	---	---	LS7 (2006-2010), 7.0L, 3-Bolt Cam - 4 Sensors	3DR-60R	---



LS VALVE STEM SEALS

PART NO.	DESCRIPTION
131900-16	OE Guide w/ Beehive Spring - Top Hat Style (8mm x .500 Guide x .640 OD) 16pk
131805-16	Metal Clad Viton - OE or Aftermarket (8mm x .500 Guide x .600 OD) 16pk
131806-16	Top Hat Style (8mm x .500 Guide x .640 OD) Does Not have .785 Step at Bottom*



LS VALVE LOCKS

These Performance valve locks are manufactured from durable steel. Suitable for both production and racing engines. Sold in packages of 16.

PART NO.	DESCRIPTION
278-16	Stamped - Radial Bead - 7" - 8mm - Stock Height
279-16	Machined - Radial Bead - 7" - 8mm - Stock Height



GM LS COMPLETE CYLINDER HEADS

- Highest grade of material used in manufacturing
- Superior port finishes for increased flow
- Improved flow design to resist cracking
- Redesigned water flow for greater thermal conductivity
- Hardened exhaust seats
- CNC machined guides and seats
- 25 point quality check on every head

PART NO.	DESCRIPTION
272000A	LS1/LS6 complete head, Replaces OE casting numbers 243 & 799. It flows 274 CFM @ 0.550 lift
273000A	LS3/L92 complete head, it replaces OE casting numbers 364 & 821 & 823. It flows 311 CFM @ 0.700 lift.

LS CYLINDER HEAD DOWEL PINS

Performance cylinder head dowel pins offer accurate alignment.

PART NO.	DESCRIPTION	GM PART NO.
570326	LS Block to Head Dowel Pins - 4 Pack	12570326

LS ENGINE BRASS COOLANT PLUG

This coolant plug for the GM LS-Family of engines allows you to plug the coolant path on the right bank of cylinders (Driver's Side) when deleting the factory oil cooler on the 2010+ Chevy Camaro and other Gen IV LS engines equipped with a factory water-to-oil cooler.

PART NO.	DESCRIPTION	GM PART NO.
561663	28mm x 1.25" - Internal Allen Head	12561663

GM VORTEC / LS SERIES BEARING SETS

Made by King Engine Bearings.

PART NO.	DESCRIPTION
M55293MC	Main Bearings - LS Series fits 4.8 / 5.3 / 6.0L & Vortec (Polymer Coated)
M55293MC-010	Main Bearings - LS Series fits 4.8 / 5.3 / 6.0L & Vortec (Polymer Coated)
CB663P	Connecting Rod Bearings - Bi-Metal, Standard Size

LS ALUMINUM REAR SUMP RETRO-FIT OIL PANS

These pans are composed of lightweight cast aluminum, and designed to allow for increased clearance to the ground and chassis. It will fit many GM rear-wheel drive applications originally equipped with a small or big block Chevy engine and factory rear sump pan. Meticulously designed, it will mount perfectly to any wet-sump LS engine and take the stock oil filter. Can be used with standard LS3 dipstick & tube (if desired). Accepts standard LS oil filter **WIX #57060**.

273000A



272000A



GM LS TO SB/BB CHEVY MOTOR MOUNT ADAPTER PLATE

- Fits all LS engines
- Intended to adapt to 3-bolt engine mount used in most 1963-1972 Chevy V8 applications
- 2-1/4" mounting range
- Pair



PART NO.	DESCRIPTION
12640BK	GM LS to Small Block/Big Block Chevy Motor Mount Adapter Plate - Black

LS ENGINE COOLANT PLUGS AND FASTENERS

Performance engine coolant pipe and plug bolts are designed to work with your factory engine components.



PART NO.	DESCRIPTION	GM PART NO.
588714	6mm x 1.0 Thread - Hex Head - 2 Pack	11588714
602540	Coolant Air Bleed Plugs - 2 Pack	12602540

LS ENGINE LIFT PLATE

Made in the USA.

PART NO.	DESCRIPTION
M41034LS	Universal GM LS Engine Lift Plate



301577



301074

PART NO.	DESCRIPTION	STYLE	MAX STROKE	CAPACITY	DEPTH
301073	Fits most LS, Except LS7 or LS9, Low-Profile	Wet Sump	3.62"	6 qt	5.89"
301074	Fits most LS, Except LS7 or LS9	Wet Sump	4.25"	6 qt	5.69"
301577	LT, Low-Profile	Wet Sump	4.00"	6.1 qt	5.56"



LS SWAP OIL PAN

- Fabricated
- 6 QT.
- 6" Deep
- Rear Sump
- 4.125" Max Stroke
- Clear Zinc
- 10AN oil fitting integrated into the pan
- Reinforced pan lip

PART NO.	DESCRIPTION
26731Z	LS Swap Oil Pan - 6" Deep - 6 Qt
267131	LS Oil Pickup for #26731Z



LS TAPERED RING COMPRESSED SLEEVES

These compressor sleeves are hard anodized and Teflon coated for low friction and prolonged wear resistance. These sleeves have a smooth radius that tapers down to the specific bore size to make installation of any piston a breeze.



PART NO.	DESCRIPTION
3.904TRC	3.903/5"
4.000TRC	4.000"
4.005TRC	4.005"

PART NO.	DESCRIPTION
4.020TRC	4.020"
4.030TRC	4.030"
4.070TRC	4.070"

MLS HEAD GASKET SETS

2-PACK	APPLICATION	BORE	THICK	MATERIAL
111346MLS	LS - Small Bore	3.985"	.050"	Black Coated. Multi Layer Steel
111376MLS	LS - Large Bore	4.100"	.050"	Black Coated. Multi Layer Steel
111376MLS-OE	LS - Large Bore (OE Style)	4.100"	.050"	OE Replacement. Multi Layer Steel



111376MLS-OE



LS VALLEY COVERS & SCREWS



PART NO.	DESCRIPTION
625179	LS1 / LS6 - Steel - w/ 17616-11 screws
625180	LS2 / LS3 / LS7 / LSX - Steel - w/ 17616-11 screws
625181	LS1 / LS2 / LS6 - Aluminum - w/ Countersunk Screws
625181BK	LS1 / LS2 / LS6 - Black Aluminum - w/ Countersunk Screws
17616-11	LS All - Valley Cover Attaching Screws - Low Profile, Button Head - Stainless - Pack of 11

REAR MAIN SEALS

- 1-Piece Seals: Fluorelastomer rubber shaft seal
- 2-Piece Seals: Silicone split shaft



PART NO.	DESCRIPTION	GM PART NO.
166346	1997-2002 LS1 Rear Main Seal & Cover Gasket	12639429
166346-5	1997-2002 LS1 Rear Main Seal Only	---

LS OIL FILTER ADAPTER / FITTING



PART NO.	DESCRIPTION	GM PART NO.
552357	LS1 / LS2 / LS6 - Early - Std. Thread	12552357
600225	LS3 / LS7 / LSA - Late - Metric Thread	12600225

GM LS OIL PUMP PICK-UP GIRDLE

A common issue with LS engines is the ineffective seal of the one-bolt design of the oil pump pickup tube. Engine Work's girdle secures your pickup tube in place, preventing any drops in oil pressure.



PART NO.	DESCRIPTION
267099	GM LS Oil Pump Pick-Up Girdle

LS OIL GALLEY PLUGS

Helps maintain oil pressure.



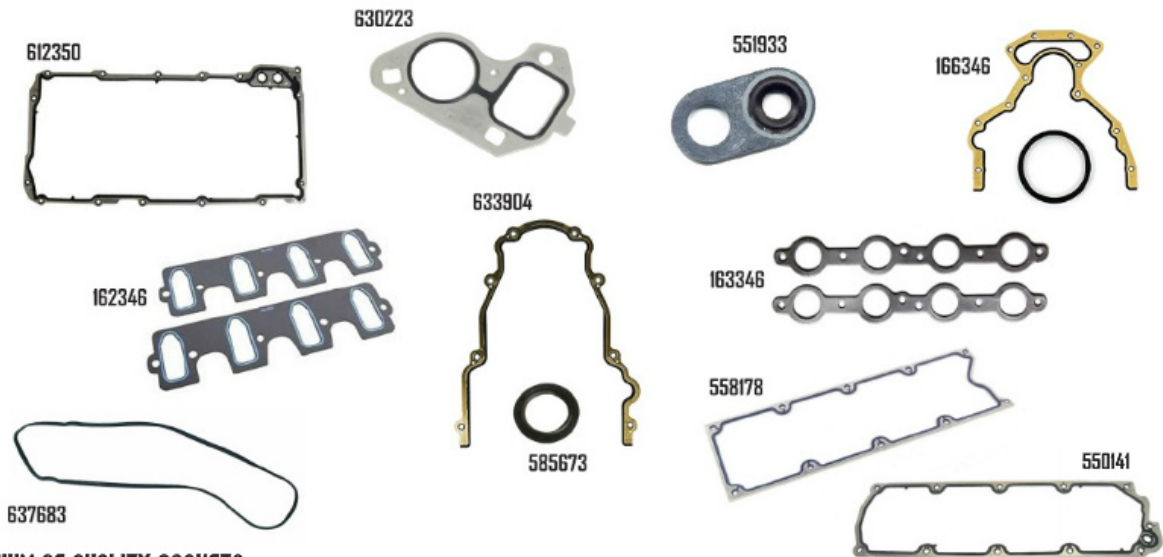
PART NO.	DESCRIPTION	GM PART NO.
573460	Nylon Oil Galley Plug, O-Ring Included	12573460

COMPLETE GASKET SETS

Sets include all of the quality gaskets necessary for an engine rebuild.



PART NO.	DESCRIPTION
503175	LS1 / LS6 - Small Bore MLS Head Gaskets - Complete Set
503176	6.0L & Up - Large Bore MLS Head Gaskets - Complete Set



PREMIUM OF QUALITY GASKETS

PART NO.	GASKET TYPE	DESCRIPTION	GM PART NO.
612350	Oil Pan	1-Piece - 1997-Present, Does not fit LS7 & LS9	12612350
630223	Water Pump	Fits all LS engines 1997-Present - Rubber/Steel (Requires 2 per engine)	12630223
637683	Valve Cover	Fits all LS engines 1997-Present - Rubber - Pair	12637683
633904	Front Cover	Front Cover Gasket	12633904
585673	Front Cover	Front Cover Seal	12585673
166346	Rear Main Seal	Rear Main Seal & Cover Gasket - Fits 1997-2002 LS1	12639429
162346	Intake	GM LS1, LS2, LS6 (Silicone Bead Seal Ports) - 1.150 X 3.375 .062 Cathedral	---
163346	Exhaust	1997-2004 LS1 - 1.75" x 1.75" - Round Port Laminate - Pair	---
551933	Air Bleed Pipe Seal	Coolant Air Bleed Pipe Seal - Rubber / Steel - Pair	12551933
558178	Valley Cover	Valley Cover Gasket - LS1 / LS6	12558178
550141	Valley Cover	Valley Cover Gasket - LS2 / LS3 / LS7 / LSX	12610141

800568



THREAD COMPARISON



800569



17118HP



LS HEAD BOLT KITS

Our Engine Works performance cylinder head bolts are designed for use with your GM heads. Everything is included to properly complete your cylinder head installation. Services 2 heads.

PART NO.	DESCRIPTION	GM PART NO.
17118HP	1998-2018 4.8L/5.3L, 1997-2003 5.7L, 1999-2003 6.0L - TTY	12498545
800568	2004-09 4.8L/5.3L, 2004-10 6.0L, 2004-09 6.2L - Full Thread - TTY	17800568
800569	2004-14 4.8L, 2004-09 5.3L, 2007-16 6.0L, 2004-14 6.2L - Std. Thread - TTY	11546959

LS REAR COVER W/ MAIN SEAL

Manufactured from durable aluminum and are ideal for replacing damaged housings or building a new project from scratch.



PART NO.	DESCRIPTION	GM PART NO.
639250	LS Rear Cover w/ Main Seal, Gasket, and Bolts	12639250

LS MAIN CAP BOLT KIT

- 10 Outer Main Cap Stud
- 10 Inner Main Cap Bolt
- 10 Side Main Cap Bolt



PART NO.	DESCRIPTION
17364	GM LS Main Cap Bolt Kit - Complete Set of Bolts for One Engine

469001

LS TOP END & BOTTOM END KITS

TOP END KIT INCLUDES:

- (4) Cam Retainer Bolts
- (1) Barbell Oil Plug
- (20) Medium Head Bolts
- (3) Cam Bolts
- (10) Front Cover Bolts
- (4) Oil Pump Bolts
- (10) Short Head Bolts
- (4) Lifter Guide Bolts
- (1) Harmonic Balancer Bolt
- (1) Camshaft Thrust Plate
- (4) Coolant Pipe Seal



469001

BOTTOM END KIT INCLUDES:

- (10) Main Cap Bolts
- (1) Coolant Plug, Large
- (10) Side Main Cap Bolts
- (3) Cam Bolts
- (12) Rear Cover Bolts
- (10) Main Cap Bolts
- (1) Front Oil Galley Press-In Plug
- (3) Coolant / Oil Plugs
- (13) Oil Pan Bolts
- (8) Front Cover Bolts
- (4) Oil Pump Bolts
- (2) Bellhousing Dowels
- (2) Oil Pan to Rear Cover Bolts
- (2) Coolant Air Bleed Bolts



PART NO. DESCRIPTION

469001	LS Top End Kit
469001	LS Bottom End Kit

LS FLYWHEEL/FLEXPLATE BOLTS



PART NO.	DESCRIPTION	GM PART NO.
569956-6	Short - 11mm x 1.5 Thread - 0.800" UHL - 6 Pack	11588714
257940-6	Long - 11mm x 1.5 Thread - 1.000" UHL - 6 Pack	19257940

LS FLEXPLATE SPACER / ADAPTER

High-quality steel adapter is designed to achieve optimum spacing when you're installing a Non-LS transmission to a LS based engine.



PART NO.	DESCRIPTION	GM PART NO.
563532	LS to Pre-1997 non-LS for use with TH350, 400, 700R4, and 200M Transmissions - Use with bolt #257940-6	12563532

LS PREMIUM SERIES SFI FLEXPLATE

- SFI 29.1 Certified
- Direct Bolt-On Component
- Forged one-piece steel ring gears
- 0.035" thicker than stock
- Cold-rolled chromoly steel
- Long lasting gold irradiate finish



PART NO.	DESCRIPTION
364168	GM LS1/LS2/LS6 - 168 Teeth - Internal Balance - Dual Bolt

STARTER HEAT SHIELD WRAPS



PART NO.	DESCRIPTION
13515	Universal Size, Fits OE and mini-starters, Aluminized
13517	LS Starter Heat Shield Wrap - 7" x 24", Can be cut to length

LS FRONT COVER BOLT KIT

The front cover bolts feature a built-in washer face with case-hardened serrations. The washer face and hex head design easily permit the use of a socket wrench for quick and accurate installation.

• 8 Bolt are required for the timing cover.



PART NO.	DESCRIPTION	GM PART NO.
515758-8	M8 x 30mm - 8 Pack	11515758

HARMONIC BALANCER BOLTS



PART NO.	DESCRIPTION	GM PART NO.
557840	LS1 / LS2 / LS3 / LS6 - Short - 4.055" Length - 16mm x 2.0 - TTY	12557840
570163	LS7 - Long - 5.150" Length - 16mm x 2.0 - TTY	11570163

LS BELLHOUSING DOWEL PINS

Performance bellhousing dowel pins allow you to easily align your transmission into the block.



PART NO.	DESCRIPTION	GM PART NO.
453658	1.190" Length x 0.621" dia. - Set of 2	1453658

PREMIUM HIGH-PERFORMANCE LS STARTER

- For LS engines
- 3 HP motor
- All ball bearing construction
- High quality drive and solenoid



PART NO.	DESCRIPTION
13502LS	Premium High-Performance LS Starter - 3 HP Motor



LS 8.5MM PREMIUM SPARK PLUG WIRES – 250 OHMS

- Spark plug boots accept OEM heat shields
- Dual silicone jackets are bonded together with fiberglass matting
- Built to handle extreme heat applications and to virtually eliminate terminal pull-off associated with the repeated removal and replacement at the track

PART NO.	PLUG BOOT	LENGTH	COLOR
16439	135°	9.5"	Red
16439BK	135°	9.5"	Black
16439BL	135°	9.5"	Blue
16443	90°	10.5"	Red
16443BK	90°	10.5"	Black
16443BL	90°	10.5"	Blue
16440	135°	12"	Red
16440BK	135°	12"	Black
16440BL	135°	12"	Blue



LS 7MM SPARK PLUG WIRES

- Original OEM ferrite based core / 1220 OHM Packard wire set
- Built with the OEM ferrule for improved dielectric strength
- Improved spark plug boot to keep the wire away from the exhaust manifolds

PART NO.	PLUG BOOT	LENGTH	COLOR
16438BK	180° / Straight	9.5"	Black

OEM-STYLE SPARK PLUG BOOT HEAT SHIELDS

Ground spring moves heat from the shield to the block. This in turn keeps the boot from "cooling". Dielectric barrier inside shield keeps electrical discharges from the boot from grounding to the block.



PART NO.	DESCRIPTION	GM PART NO.
329681-8	LS Plug Wire Heat Shield - Set of 8	19329681

DON'T FORGET...

SHRINK SLEEVE AND NUMBER SLEEVE WIRE MARKERS



PART NO.	DESCRIPTION
16241	18-Pack Shrink Sleeves & 2 Sets of Wire Markers (1-8) - 2" w/ EW logo

WIRE CRIMPING TOOL



PART NO.	DESCRIPTION
W86500	Heavy-Duty Crimping Tool. Strip / Cut / Crimp from 10-22 Gauge Wire

VOLCANO BOOTS

Volcano plug boots are manufactured from crushed lava rock filament fiber; making them stronger and more flexible, while operating at its designed service temp of 1800°F continuous and 2500°F intermittent of radiant heat. There is not a plug boot material on the market today that can withstand temperatures higher and last longer. As an added bonus your plug boots will have a custom look of carbon fiber.



PART NO.	DESCRIPTION
16301NR	6" Volcano - NO RING / LS, Each
16304NR	6" Volcano - NO RING / LS, 4-Pack
16308NR	6" Volcano - NO RING / LS, 8-Pack
17301NR	8" Volcano - NO RING / LS, Each
17304NR	8" Volcano - NO RING / LS, 4-Pack
17308NR	8" Volcano - NO RING / LS, 8-Pack

FIRE BOOTS

The cure for spark plug wire failure in high heat environments withstanding up to 1200°F. Universal size and shape fits most boots, even 90°.



PART NO.	DESCRIPTION
16201NR	8" Natural NO RING - for LS Applications, 8-Pack
16202NR	8" Black NO RING - for LS Applications, 8-Pack
16203NR	8" Red NO RING - for LS Applications, 8-Pack
16208NR	6" Red NO RING - for LS Applications, 8-Pack

The Full Engine Works Line Available At



LS IGNITION COIL PACKS

Engine Works® ignition coil packs feature advanced bobbin technology, a specialized magnetic steel core, and optimum windings. This results in higher energy and voltage outputs plus arc duration. Installation is easy with the direct bolt / plug-in units.

- **11% Higher Volume**
- **19% More mJ energy than OEM**
- **Perfect for Pro Charged, Super-charged, Nitrous or E85**
- **Great for crate engine builds**

PART NO.	DESCRIPTION	GM PART NO.
573190	LS Coil - Delphi, Round - Fits LS3 & LS7 (AC Delco #D514-A)	12573190
574580	LS Coil - Fits LS Gen III LS1 / LS6 (AC Delco #D580)	12558948
574510H	LS Coil - Fits LS Gen IV LS2 / LS3 / LS4 / LS7 / LS9 (AC Delco #D510C)	12611424



GM LS ENGINE PLATFORM OVERVIEW

The GM LS engine platform has been offered in over 30 different versions or variances from '97 to current. As the performance aftermarket is concerned a lot of parts are interchangeable from version to version. The LS engine is based on the same pushrod V8 platform as the old Small Block Chevy, however it is all new and offers various improvements in design, strength, and output. Due to its size, availability, cost, and ease of modification it is rapidly becoming the go to power plant for all things old and new. The LS cam is now the #1 selling custom camshaft per Comp Cams.



GM LS Car Engines

- LS1** 97-04 Camaro, Corvette, Firebird, GTO. 5.7L, 305-350 HP. 3rd Gen. Small Block Chevy.
- LS2** 05-07 Corvette, Cadillac CTSV, GTO, SSR, Trailblazer SS. 6.0L, 400 HP. 4th Gen. Small Block Chevy.
- LS3** 08-14 Corvette, Camaro, G8 GXP. 6.2L, 430 HP. 4th Gen. Small Block Chevy.
- LS4** 06-08 Monte Carlo SS, Impala SS, Grand Prix GXP. Front wheel drive. 5.3L, 303 HP. 4th Gen. Small Block Chevy.
- LS6** 01-05 Corvette Z06, Cadillac CTSV. 5.7L, 385-405 HP. 3rd Gen. Small Block Chevy.
- LS7** 06+ Corvette Z06. 7.0L, 505 HP. 4th Gen. Small Block Chevy.
- LS9** 09+ Corvette ZR1. 6.2L, Supercharged 635 HP. 4th Gen Small Block Chevy.
- LSA** 09+ Cadillac CTSV. 6.2L, Supercharged 556 HP. 4th Gen Small Block Chevy.
- LSX** Released in 2007. Non-production GM performance.
- LT1** 14+ Corvette Stingray, 2016 Camaro. 6.2L, Direct injection, 460 HP.

GM LS (Vortec) Truck Engines

GM car engines have typically carried LS designations while truck engines of the same platform were referred to as Vortec. They were also produced from '97 to current with over 15 different "L" designations. They were offered in 4.8L, 5.3L, 6.0L, and 6.2L.