



1973
to
2023



P R E C I S I O N

Engine Parts

LAS VEGAS

NEVADA



OEM STOCK TYPE

Valves

HIGH PERFORMANCE

BY THE NUMBERS: LS ENGINE FAMILY

The following table lists some of the more popular, performance-oriented passenger-car variants of the LS engine, along with a selection of basic specs in OE trim.

OE Production	LS1	LS2	LS3	LS6	LS7	LT1
Bore, In.	3.905	4	4.06	3.905	4.125	4.06
Stroke, In	3.622	3.622	3.622	3.622	4	3.622
Displacement, CI	347	364	375	347	427	375
Displacement, Liters	5.7	6	6.2	5.7	7	6.2

Valve Angle	15	15	15	15	12	12.6/12/1
Intake Ports	Cathedral	Cathedral	Rectangular	Cathedral	Rectangular	Rectangular

Ignition Sensor	Gen III	Gen IV	Gen IV	Gen III	Gen IV	Gen V
OE Production	1997-2005	2005-2015	2008-2015	2001-2005	2005-2015	2013+

Valves

OE-Replacement High Performance Racing

Item #	Engine	IN / EX	Gr	Head	OAL	Stem	NOTES	X-REF	
PV4593	LS1	EX	RG	1.55	4.91	8mm	99/17 CFM	01935	
PV4593X	LS1	EX	RG	1.55	4.91		99/17 STELLITE	01935S	
P11361HP	LS1/6	EX	RG	1.55	4.92		LS1/LS2 [LS6 HEAD]	11361	
PV4593-OE	LS1	EX	RG	1.55	4.92		99/17 -	01935	
P5325-OE	GENV	EX	RG	1.55	5.21		L82,83,84 14/22 GEN"V"	13433	
P12359HP	L83	EX	RG	1.56	5.21		5.3 14/UP JF	12359	
P4345P	LS1/6	EX	RG	1.57	4.92		5.7/6.0 97/06 20-2N	01935R-157	
P4345HP-C	LS1/6	EX	RG	1.57	4.92		5.7/6.0 97/06 21-4N	01935R-157	
P71570-LS1	LS1	EX	RG	1.57	4.92		5.7/6.0 97/06 SNAKE SKIN	01935R-157	
P11363HP-100	LS1/6	EX	RG	1.57	5.02		.100 LONG	11363	
P5341X	L92/96	EX	RG	1.59	4.91		6.0/6.2 07/20 STELLITE	13241S	
P5207-OE	LS1/6	EX	RG	1.59	4.91		6.0/6.2 07/20	13042	
P5207	LS1/6	EX	RG	1.59	4.91		6.0/6.2 07/20 CFM	13042	
P5327-OE	LT1	EX	RG	1.59	5.20		6.2 14/UP	12347	
P5327CFM	LT1	EX	RG	1.59	5.20		6.2 14/UP	12347	
P12347JF	LT1	EX	RG	1.59	5.20		6.2 14/UP	12347	
P11365HP	LS1/6	EX	RG	1.60	4.92		LS1/LS2 [LS6 HEAD]	11365	
P11365-INC	LS1/6	EX	RG	1.60	4.92		LS1/LS2 [LS6 HEAD] INCONEL	11365	
P11365HP-100	LS1/6	EX	RG	1.60	5.02		.100 LONG	11365	
P5005HP	LS7	EX	RG	1.61	5.23		7.0 06/15 Z06	11689	
P5005+100IH	LS7	EX	RG	1.61	5.23		7.0 06/15 Z06	11689 +	
P5155HP	LS1/6	EX	RG	1.63	4.92		LS1/LS6 99/07	01964	
PV4592-OE	LS1/6	IN	RG	1.89	4.86		8mm	4.8/5.3 99/07	01934
PV4592	LS1/6	IN	RG	1.89	4.86			4.8/5.3 99/07	01934
PV4592X	LS1/6	IN	RG	1.89	4.86			4.8/5.3 99/07 STELLITE	01934S
P5324-OE	L83	IN	RG	1.92	5.21			5.3 14/22 NITRIDED	13432
P12356JF	L83	IN	RG	1.93	5.23			L83/5.3 14/UP GEN"V"	12356
P11360JF	LS1/6	IN	RG	2.00	4.87			LS1/LS2 [L6 HEAD]	11360
P5012	LS1/2	IN	RG	2.00	4.87			5.3/6.0 97/12 LS1/2	02000
P11362JF	LS1/6	IN	RG	2.02	4.87			5.7/6.0 99/09 LS/Z06	02000R-202
P11362JF+050	LS1/6	IN	RG	2.02	4.92			5.7/6.0 90/09 LS/Z06	+ .050 LONG
P11362JF-100	LS1/6	IN	RG	2.02	5.00			5.7/6.0 90/09 LS/Z06	+ .100 LONG
P4346P	LS1/6	IN	RG	2.02	4.87			5.7/6.0 90/09 LS1/6	JF
P72020-LS1	LS1/6	IN	RG	2.02	4.87			5.7/6.0 90/09 SNAKE SKIN	JF
P11390JF	LS1/6	IN	RG	2.05	4.87	5.7/6.0 99/09 LS/Z06		02000R-205	
P11390JF-100	LS1/6	IN	RG	2.05	5.00	5.7/6.0 99/09 LS1/6		+ .100 LONG	
P11398JF	LS1/6	IN	RG	2.08	4.87	LS1/LS2 [L6 HEAD]		11398	
P11398JF-100	LS1/6	IN	RG	2.08	5.00	LS1/LS2 [L6 HEAD] +.100 LONG		11398	
P12352JF	LT1	IN	RG	2.12	5.25	6.2 14/UP LT1		12352	
P5326-OE	GENV	IN	RG	2.12	5.24	6.2 14/UP NITRIDED		12352	
P5326CFM	GENV	IN	RG	2.12	5.24	6.2 14/UP CFM		12352	
P11400-T	LS3	IN	RG	2.16	4.87	6.2/L99 [L92 HEAD] COATED		TITANIUM	
P11400JF-100	LS3	IN	RG	2.16	5.00	6.2/L99 [L92 HEAD] JF		*.100 LONG	
P11686JF	LS3	IN	RG	2.16	4.87	6.2/L99 [L92 HEAD] JF		11686	
P5208	LS3+	IN	RG	2.16	4.87	6.0/6.2 07/12 CFM		13040	
P5208-OE	LS3+	IN	RG	2.16	4.87	6.0/6.2 07/12 NITRIDED		13240	
P5007JF	LS3	IN	RG	2.18	4.90	LS3/L99 [L92 HEAD]		JF	
P5104-T	LS	IN	RG	2.18	5.64	COATED H/T		TITANIUM	
P11688JF	LS7	IN	RG	2.20	5.20	Z06/427 NO LASH CAP		11688	
P5004HP	LS7	IN	RG	2.20	5.13	Z06/427 FACTORY LASH CAP			
P5004JF	LS7	IN	RG	2.20	5.18	Z06/427 NO LASH CAP		11688	