

**PERFORMANCE - AMERICAN MOTORS & JEEP**

Engine	Year	Line	Engine	Year	Line	Engine	Year	Line
<b>8 Cyl.</b>			<b>8 Cyl. (Continued)</b>			<b>8 Cyl. (Continued)</b>		
4.8 (290)	1967-69	1	5.6 (343)	1967-69	3	6.4 (390)	1968-70	5
5.0 (304) OHV	1970-79	2	5.9 (360) OHV	1970-78	4	6.6 (401) OHV	1971-76	6

Line No.	Part Title	Part No	Description
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**1 4.8 (290) ENG - 1967-69 - V8 - 3.750 Bore (AMBASSADOR, AMX)**

Torque Camshaft	<b>MTA-1</b>	CLASS I - NOT COMPUTER COMPATIBLE. CAM LIFT .280 INT .295 EXH
Camshafts Using Hydraulic Lifters	<b>20402</b>	CLASS III NOT COMPUTER COMPATIBLE. CAM LIFT .325 INT .339 EXH
Mechanical Lifters	<b>299984</b>	MUST USE WITH CAST IRON CAMSHAFT
Hydraulic Lifters	<b>290114</b>	
Valve Spring with Hydraulic Lifters	<b>466434</b>	USE WITH [20205] CAM - MACHINING MAY BE REQUIRED
Valve Locks	<b>473004</b>	2 GROOVES
Retainers	<b>475144</b>	CHROME MOLY - USE WITH [466434] SPRINGS

**2 5.0 (304) OHV ENG - 1970-79 - V8 - 3.750 Bore**

Torque Camshaft	<b>MTA-1</b>	CLASS I - NOT COMPUTER COMPATIBLE. CAM LIFT .280 INT .295 EXH
Torque Cam Lifter Kit	<b>CL-MTA-1</b>	1971-1977 KIT INCLUDES 1-[MTA-1] CAM, 16-[JB-2011] LIFTERS & 4OZ MELL LUBE. CHECK FOR COIL BIND. USE [VS-280] SPRING W/INSTALLED HGT. OF 1.82 CLASS I NOT COMPUTER COMPATIBLE
Camshafts Using Hydraulic Lifters	<b>20402</b>	CLASS III NOT COMPUTER COMPATIBLE. CAM LIFT .325 INT .339 EXH
Mechanical Lifters	<b>299984</b>	USE WITH CAST IRON CAMSHAFT
Hydraulic Lifters	<b>290114</b>	
Valve Spring with Hydraulic Lifters	<b>VS-280</b>	1971-1977 USE WITH [MTA-1] CAM
	<b>466434</b>	USE WITH [20205] CAM - MACHINING MAY BE REQUIRED
Valve Locks	<b>473004</b>	2 GROOVES
Retainers	<b>475144</b>	CHROME MOLY - USE WITH [466434] SPRINGS
Chrome Moly Push Rods	<b>500314</b>	MAX. SPRING PRESSURE 350 LBS. 5/16 DIA. STANDARD LENGTH- HEAT TREATED FOR GUIDE PLATES. HEAT TREATED FOR GUIDE PLATES. 5/16" STANDARD LENGTH.
	<b>501004</b>	5/16 DIA. STANDARD LENGTH - HEAT TREATED FOR GUIDEPLATES (ONE PIECE CONSTRUCTION) MAX. SPRING PRESSURE 500 LBS. HEAT TREATED FOR GUIDE PLATES. 5/16" STANDARD LENGTH. ONE PIECE CONSTRUCTION.

**3 5.6 (343) ENG - 1967-69 - V8 - 4.080 Bore**

Torque Camshaft	<b>MTA-1</b>	CLASS I NOT COMPUTER COMPATIBLE. CAM LIFT .280 INT .295 EXH
Camshafts Using Hydraulic Lifters	<b>20402</b>	CLASS III NOT COMPUTER COMPATIBLE. CAM LIFT .325 INT .339 EXH
Mechanical Lifters	<b>299984</b>	USE WITH CAST IRON CAMSHAFT
Hydraulic Lifters	<b>290114</b>	
Valve Spring with Hydraulic Lifters	<b>466434</b>	USE WITH [20205] CAM - MACHINING MAY BE REQUIRED
Valve Locks	<b>473004</b>	2 GROOVES
Retainers	<b>475144</b>	CHROME MOLY - USE WITH [466434] SPRINGS

**4 5.9 (360) OHV ENG - 1970-78 - V8 - 4.080 Bore**

Torque Camshaft	<b>MTA-1</b>	CLASS I NOT COMPUTER COMPATIBLE. CAM LIFT .280 INT .295 EXH
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**PERFORMANCE - AMERICAN MOTORS & JEEP (Continued)**

<b>Line No.</b>	<b>Part Title</b>	<b>Part No</b>	<b>Description</b>
<b>4</b>	<b>5.9 (360) OHV ENG - 1970-78 - V8 - 4.080 Bore (Continued)</b>		
	Torque Cam Lifter Kit	<b>CL-MTA-1</b>	1971-1977 KIT INCLUDES 1-[MTA-1] CAM, 16-[JB-2011] LIFTERS & 4OZ MELL LUBE. CHECK FOR COIL BIND. USE [VS-280] SPRING W/INSTALLED HGT. OF 1.82 CLASS I NOT COMPUTER COMPATIBLE
	Camshafts Using Hydraulic Lifters	<b>20402</b>	CLASS III NOT COMPUTER COMPATIBLE. CAM LIFT .325 INT .339 EXH
	Mechanical Lifters	<b>299984</b>	USE WITH CAST IRON CAMSHAFT
	Hydraulic Lifters	<b>290114</b>	
	Valve Spring with Hydraulic Lifters	<b>VS-280</b>	1971-1977 USE WITH [MTA-1] CAM
		<b>466434</b>	USE WITH [20205] CAM - MACHINING MAY BE REQUIRED
	Valve Locks	<b>473004</b>	2 GROOVES
	Retainers	<b>475144</b>	CHROME MOLY - USE WITH [46643] SPRINGS
	Chrome Moly Push Rods	<b>500314</b>	MAX. SPRING PRESSURE 350 LBS. 5/16 DIA. STANDARD LENGTH- HEAT TREATED FOR GUIDE PLATES. HEAT TREATED FOR GUIDE PLATES. 5/16" STANDARD LENGTH
		<b>501004</b>	5/16 DIA. STANDARD LENGTH - HEAT TREATED FOR GUIDEPLATES (ONE PIECE CONSTRUCTION) MAX. SPRING PRESSURE 500 LBS. HEAT TREATED FOR GUIDE PLATES. ONE PIECE CONSTRUCTION. 5/16" STANDARD LENGTH
<b>5</b>	<b>6.4 (390) ENG - 1968-70 - V8 - 4.165 Bore</b>		
	Torque Camshaft	<b>MTA-1</b>	CLASS I NOT COMPUTER COMPATIBLE. CAM LIFT .280 INT .295 EXH
	Camshafts Using Hydraulic Lifters	<b>20402</b>	CLASS III NOT COMPUTER COMPATIBLE. CAM LIFT .325 INT .339 EXH
	Mechanical Lifters	<b>299984</b>	USE WITH CAST IRON CAMSHAFT
	Hydraulic Lifters	<b>290114</b>	
	Valve Spring with Hydraulic Lifters	<b>466434</b>	USE WITH [20205] CAM - MACHINING MAY BE REQUIRED
	Valve Locks	<b>473004</b>	2 GROOVES
	Retainers	<b>475144</b>	CHROME MOLY - USE WITH [466434] SPRINGS
	Chrome Moly Push Rods	<b>500314</b>	1970 MAX. SPRING PRESSURE 350 LBS. 5/16 DIA. STANDARD LENGTH- HEAT TREATED FOR GUIDE PLATES. HEAT TREATED FOR GUIDE PLATES. 5/16" STANDARD LENGTH
		<b>501004</b>	1970 5/16 DIA. STANDARD LENGTH - HEAT TREATED FOR GUIDEPLATES (ONE PIECE CONSTRUCTION) MAX. SPRING PRESSURE 500 LBS. HEAT TREATED FOR GUIDE PLATES. 5/16". ONE PIECE CONSTRUCTION. STANDARD LENGTH
<b>6</b>	<b>6.6 (401) OHV ENG - 1971-76 - V8 - 4.170 Bore</b>		
	Torque Camshaft	<b>MTA-1</b>	CLASS I NOT COMPUTER COMPATIBLE. CAM LIFT .280 INT .295 EXH
	Torque Cam Lifter Kit	<b>CL-MTA-1</b>	KIT INCLUDES 1-[MTA-1] CAM, 16-[JB-2011] LIFTERS & 4OZ MELL LUBE. CHECK FOR COIL BIND. USE [VS-280] SPRING W/INSTALLED HGT. OF 1.82. CLASS I NOT COMPUTER COMPATIBLE
	Camshafts Using Hydraulic Lifters	<b>20402</b>	CLASS III NOT COMPUTER COMPATIBLE. CAM LIFT .325 INT .339 EXH
	Mechanical Lifters	<b>299984</b>	USE WITH CAST IRON CAMSHAFT
	Hydraulic Lifters	<b>290114</b>	
	Valve Spring with Hydraulic Lifters	<b>VS-280</b>	USE WITH [MTA-1] CAM
		<b>466434</b>	USE WITH [20205] CAM - MACHINING MAY BE REQUIRED
	Valve Locks	<b>473004</b>	2 GROOVES
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**PERFORMANCE - AMERICAN MOTORS & JEEP (Continued)**

Line No.	Part Title	Part No	Description
<b>6</b>	<b>6.6 (401) OHV ENG - 1971-76 - V8 - 4.170 Bore (Continued)</b>		
	Retainers	<b>475144</b>	CHROME MOLY - USE WITH [466434] SPRINGS
	Chrome Moly Push Rods	<b>500314</b>  <b>501004</b>	MAX. SPRING PRESSURE 350 LBS. 5/16 DIA. STANDARD LENGTH- HEAT TREATED FOR GUIDE PLATES. HEAT TREATED FOR GUIDE PLATES. 5/16" STANDARD LENGTH 5/16 DIA. STANDARD LENGTH - HEAT TREATED FOR GUIDEPLATES (ONE PIECE CONSTRUCTION) MAX. SPRING PRESSURE 500 LBS. HEAT TREATED FOR GUIDE PLATES. ONE PIECE CONSTRUCTION. 5/16" STANDARD LENGTH

**PERFORMANCE - BUICK**

Engine	Year	Line	Engine	Year	Line	Engine	Year	Line
<b>V6</b>			<b>6 Cyl.</b>			<b>8 Cyl. (Continued)</b>		
3.0-E (181)	1982-85	1	4.1-4 (252) OHV	1980-84	3	5.0-G,H,U (305)	1977-87	5
3.8 (231) OHV	1977-87	2	<b>8 Cyl.</b>			5.7-L (350)	1977-79	6
			4.4-J (267)	1981-82	4	350 B,H,J,X	1972-81	7

Line No.	Part Title	Part No	Description
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<b>1</b>	<b>3.0-E (181) ENG - 1982-85 - V6 - 3.800 Bore</b>		
	Torque Camshaft	<b>MTB-1</b>  <b>MTB-2</b>	CLASS I NOT COMPUTER COMPATIBLE (MAXIMUM TORQUE INCREASE). CAM LIFT .280 INT .295 EXH CLASS I NOT COMPUTER COMPATIBLE (MINIMUM TORQUE INCREASE). CAM LIFT .265 INT .280 EXH
	Torque Cam Lifter Kit	<b>CL-MTB-1</b>  <b>CL-MTB-2</b>	KIT INCLUDES 1-[MTB-1] CAM, 12-[JB-969] LIFTERS & 4OZ MELL LUBE. CHECK FOR COIL BIND. USE [VS-380] SPRING W/INSTALLED HGT. OF 1.72 CLASS I (MAXIMUM TORQUE INCREASE) KIT INCLUDES 1-[MTB-2] CAM, 12-[JB-969] LIFTERS & 4OZ MELL LUBE. CHECK FOR COIL BIND. USE [VS-380] SPRING W/INSTALLED HGT. OF 1.72 CLASS I (MINIMUM TORQUE INCREASE)
	Mell Lube	<b>M-10012</b>	
	Hydraulic Lifters	<b>299694</b> <b>299704</b>	MUST BE USED WITH ADJUSTABLE VALVE TRAIN - ANTI PUMP UP - SET AT ZERO LASH
	Valve Spring with Hydraulic Lifters	<b>VS-380</b>	USE WITH [MTB-1] & [MTB-2] CAMS
	Valve Locks	<b>476104</b>	
	Chrome Moly Push Rods	<b>500574</b>	MAX. SPRING PRESSURE 350 LBS. HEAT TREATED FOR GUIDE PLATES
	3pc Set	<b>40404</b>	1982-1984 INCLUDES SEAMLESS SOLID ROLLER CHAIN, CAST IRON CAM SPROCKET & MULTIPLE KEYWAY CRANK SPROCKET NOTE: DO NOT USE DAMPER

<b>2</b>	<b>3.8 (231) OHV ENG - 1977-87 - V6 - 3.78, 3.80 Bore (231-A ENG 1977-87, 231-G ENG 1978, 231-2 ENG 1978-79, 231-3 ENG 1978-87, 231-8 1983, 231-9 ENG 1984-85)</b>		
	Torque Camshaft	<b>MTB-1</b>  <b>MTB-2</b>	CLASS I NOT COMPUTER COMPATIBLE (MAXIMUM TORQUE INCREASE). CAM LIFT .280 INT .295 EXH CLASS I NOT COMPUTER COMPATIBLE (MINIMUM TORQUE INCREASE). CAM LIFT .265 INT .280 EXH
	Torque Cam Lifter Kit	<b>CL-MTB-1</b>	KIT INCLUDES 1-[MTB-1] CAM, 12-[JB-969] LIFTERS & 4OZ MELL LUBE. CHECK FOR COIL BIND. USE [VS-380] SPRING W/INSTALLED HGT. OF 1.72 CLASS I (MAXIMUM TORQUE INCREASE)
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