

# HIGH PERFORMANCE SPEED SETS

BUICK

AMC

<b>AMC</b> (see page 17 for JEEP)		
<b>ENGINE INDEX</b>	<b>YRS</b>	<b>BLK</b>
I-4 150 (2.5)	83-84	1
I-6 199, 232, 258	64-88	1
V-8 290 thru 401	66-79	2
<b>1</b> I-4 150 (2.5)	1983-1984	
I-6 199, 232, 258	1964-1988	
<b>STANDARD CENTER DISTANCE = 5.045</b>		
<b>RACE APPLICATIONS</b>		
Original True® Roller (3 Keyway)	9-3127	▼
Replacement Chain	9-133	
<b>2</b> V-8 290, 304, 343, 360, 390, 401	1966-1979	
<b>STANDARD CENTER DISTANCE = 4.965</b>		
<b>RACE APPLICATIONS</b>		
Original True® Roller (3 Keyway)	9-3118	▼
Replacement Chain	9-132	
<b>STREET APPLICATIONS</b>		
Street True® Roller (3 Keyway)	9-1118	
Replacement Chain	9-142	

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<b>BUICK</b>		
<b>ENGINE INDEX</b>	<b>YRS</b>	<b>BLK</b>
V-6 198, 225, 231 w/o int dist	62-82	1
V-8 215, 300, 340, 350H, J, X	62-82	1
V-6 181, 198, 225, 231 (RWD)	77-88	2
V-8 400, 430, 455	67-76	3
<b>1</b> V-6 198, 225, 231	1962-1982	
without integral distributor drive gear		
V-8 215, 300, 340, 350H, J, X		
<b>STANDARD CENTER DISTANCE = 4.335</b>		
<b>RACE APPLICATIONS</b>		
Race Billet True® Roller (9 Keyway)	9-3632X9	▼
Race Billet True® Roller (3 Keyway)	9-3632X3	▼
Replacement Chain	9-138	
Original True® Roller (3 Keyway)	9-3132	▼
Replacement Chain	9-138	

<b>STREET APPLICATIONS</b>		
Street Billet True® Roller (9 Keyway)	9-3532X9	
Replacement Chain	9-143	
Street True® Roller (3 Keyway)	9-1132	
Replacement Chain	9-143	
<b>2</b> V-6 181, 198, 225, 231 (RWD)	1977-1988	
with integral distributor drive gear		
<b>STANDARD CENTER DISTANCE = 4.335</b>		
<b>RACE APPLICATIONS</b>		
Race Billet True® Roller (9 Keyway)	9-3634X9	▼
Race Billet True® Roller (3 Keyway)	9-3634X3	▼
Replacement Chain	9-138	
Original True® Roller (3 Keyway)	9-3134	▼
Replacement Chain	9-138	
<b>STREET APPLICATIONS</b>		
Street Billet True® Roller (9 Keyway)	9-3534X9	
Replacement Chain	9-143	
Street True® Roller (3 Keyway)	9-1134	
Replacement Chain	9-143	
<b>3</b> V-8 400, 430, 455	1967-1976	
<b>STANDARD CENTER DISTANCE = 5.045</b>		
<b>RACE APPLICATIONS</b>		
Race Billet True® Roller (9 Keyway)	9-3644X9	▼
Race Billet True® Roller (3 Keyway)	9-3644X3	▼
Replacement Chain	9-133	
Original True® Roller (3 Keyway)	9-3144	▼
Replacement Chain	9-133	
<b>STREET APPLICATIONS</b>		
Street Billet True® Roller (9 Keyway)	9-3544X9	
Replacement Chain	9-149	
Street True® Roller (3 Keyway)	9-1144	
Replacement Chain	9-149	

notes

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▼ DENOTES SET IS AVAILABLE IN REDUCED CENTER DISTANCE OF -.005 and -.010  
To order, simply add -5 or -10 after part number, for example 9-3100A-5.

<b>CADILLAC</b>		
<b>ENGINE INDEX</b>	<b>YRS</b>	<b>BLK</b>
V-8 368, 425, 472, 500	68-84	1
V-8 LS6 5.7, Escalade 6.0	02-07	2
V-8 LS2 - 6.0 (non-VVT)	06-07	3
<b>1</b> V-8 368, 425, 472, 500	1968-1984	
1/2" Pitch Single Roller Chain		
<b>STANDARD CENTER DISTANCE = 5.045</b>		
<b>RACE APPLICATIONS</b>		
Race Billet True® Roller (3 Keyway)	9-3639X3	
Replacement Chain	9-190	
Original True® Roller - superceded to Race Billet True® Roller (see above)		
<b>STREET APPLICATIONS</b>		
Street True® Roller (3 Keyway)	9-1139	
Replacement Chain	9-4160	
<b>2</b> V-8 LS6 5.7, Escalade 6.0	2002-2007	
non-VVT		
- three bolt cam sprocket / no or one sensor hub		
<b>STANDARD CENTER DISTANCE = 4.890</b>		
<b>RACE APPLICATIONS</b>		
with <i>Extreme Duty</i> "Z" Chain (Single Roller)		
Hex-A-Just® True® Roller	9-3158AZ	
Race Billet True® Roller (9 Keyway)	9-3658TX9Z	
Race Billet True® Roller (3 Keyway)	9-3658TX3Z	
Replacement "Z" Chain	9-303	
Replacement Thrust Bearing	9-232	
with Premium True® Roller Chain (Single Roller)		
Hex-A-Just® True® Roller	9-3158A	
Race Billet True® Roller (9 Keyway)	9-3658TX9	
Race Billet True® Roller (3 Keyway)	9-3658TX3	
Replacement Chain	9-304	
Replacement Thrust Bearing	9-232	
with Premium True® Roller Chain (Double Roller)		
Hex-A-Just® True® Roller	9-3159A ▼	
Race Billet True® Roller (3 Keyway)	9-3659X3 ▼	
Replacement Chain	9-131	

<b>3</b> V-8 LS2 - 6.0 (non-VVT)	2006-2007
- three bolt cam sprocket / four sensor hubs	
<b>STANDARD CENTER DISTANCE = 4.890</b>	
<b>RACE APPLICATIONS</b>	
with <i>Extreme Duty</i> "Z" Chain (Single Roller)	
Hex-A-Just® True® Roller	9-3172AZ
Race Billet True® Roller (9 Keyway)	9-3672TX9Z
Race Billet True® Roller (3 Keyway)	9-3672TX3Z
Replacement "Z" Chain	9-303
Replacement Thrust Bearing	9-232
with Premium True® Roller Chain (Single Roller)	
Hex-A-Just® True® Roller	9-3172A
Race Billet True® Roller (9 Keyway)	9-3672TX9
Race Billet True® Roller (3 Keyway)	9-3672TX3
Replacement Chain	9-304
Replacement Thrust Bearing	9-232

notes

**CADILLAC...  
NEW THIS YEAR  
LS SETS FOR CADDY**



▼ DENOTES SET IS AVAILABLE IN REDUCED CENTER DISTANCE OF -.005 and -.010  
To order, simply add -5 or -10 after part number, for example 9-3100A-5.

# HIGH PERFORMANCE SPEED SETS

CHEVROLET

## CHEVROLET - GM

ENGINE INDEX	YRS	BLK
V-6 2.8 S, X, Z, 3.1T	80-92	1
V-6 & SB V-8 w/o fac roller cam	55-96	2
V-8 Small Block "Rocket"	All	3
V-8 348, 409	58-65	4
V-6 Truck 4.3 w/ Bal Shft	92-06	5
V-6 & SB V-8 factory roller cam	85-02	6
V-8 Small Block Vortec	96-02	7
LT-1 / LT-4	95-97	8
V-8 Truck 4.8, 5.3, 6.0	99-07	9
V-8 Truck 4.8, 5.3, 6.0	07-09	10
V-8 LS1 / LS6 - 5.7, LS2 - 6.0	97-05	11
V-8 LS2 - 6.0	06	12
V-8 LS2 / LS3 - 6.0, 6.2	07-09	13
V-8 LS7	06-10	14
V-8 BB 396 thru 454	65-98	15
V-8 Big Block "Merlin"	All	16
V-8 Big Block Vortec	96-00	17
V-8 Big Block "Gen VI"	All	18

**1** V-6 2.8 S, X, Z 1980-1992  
 V-6 3.1T (Camaro Only)

STANDARD CENTER DISTANCE = 6.261

### RACE APPLICATIONS

Original True® Roller (3 Keyway)	9-3137 ▼
Replacement Chain	9-133

**2** V-6 & Small Block V-8 1955-1996  
 V-6 200, 229, 262, 4.3 w/o Bal Shaft  
 V-8 262, 265, 267, 283, 302, 305G, 305H,  
 307, 327, 350L, 350K, 400

Except Factory Roller Cam

STANDARD CENTER DISTANCE = 4.521

### RACE APPLICATIONS

Hex-A-Just® True® Roller	9-3100A ▼
Replacement Chain	9-130
Replacement Thrust Bearing	9-220
Quick Button™ Two-Piece Cover	9-221
Cam Button .925" (59/64")	9-200
Cam Button .642" (41/64")	9-202
Bronze Thrust Washer .150"	9-220B
- with BB Crank Snout	9-3100B ▼
Replacement Chain	9-130
Replacement Thrust Bearing	9-220
Quick Button™ Two-Piece Cover	9-227

### RACE APPLICATIONS cont'd

- with BB Cam Snout	9-3100C ▼
Replacement Chain	9-130
Replacement Thrust Bearing	9-220
Quick Button™ Two-Piece Cover	9-221
- with BB Cam & Crank Snout	9-3100D ▼
Replacement Chain	9-130
Replacement Thrust Bearing	9-220
Quick Button™ Two-Piece Cover	9-227
Quick Adjust® True® Roller	9-3700 ▼
- with BB Crank Snout	9-3700B ▼
Replacement Chain	9-130
Replacement Thrust Bearing	9-220
Cam Button .925" (59/64")	9-200
Cam Button .642" (41/64")	9-202
Bronze Thrust Washer .150"	9-220B

Race Billet True® Roller (9 Keyway)	9-3600TX9 ▼
- with Bronze Thrust Washer	9-3600WX9 ▼
Race Billet True® Roller (3 Keyway)	9-3600TX3 ▼
- with Bronze Thrust Washer	9-3600WX3 ▼
With BB Crank Snout (3 Keyway)	9-3600BTX3 ▼
- with Bronze Thrust Washer	9-3600BWX3 ▼
Replacement Chain	9-130
Replacement Thrust Bearing	9-220
Cam Button .925" (59/64")	9-200
Cam Button .642" (41/64")	9-202
Bronze Thrust Washer .150"	9-220B

Original True® Roller (3 Keyway)	9-3100 ▼
- with Thrust Bearing	9-3100T ▼
Replacement Chain	9-130
Replacement Thrust Bearing	9-220
Cam Button .925" (59/64")	9-200
Cam Button .642" (41/64")	9-202
Steel Thrust Washer .031"	9-201
Bronze Thrust Washer .150"	9-220B

### STREET APPLICATIONS

Street Billet True® Roller (9 Keyway)	9-3500TX9
- with Bronze Thrust Washer	9-3500WX9
Replacement Chain	9-145
Replacement Thrust Bearing	9-220
Cam Button .925" (59/64")	9-200
Cam Button .642" (41/64")	9-202
Bronze Thrust Washer .150"	9-220B

▼ DENOTES SET IS AVAILABLE IN REDUCED CENTER DISTANCE OF -.005 and -.010  
 To order, simply add -5 or -10 after part number, for example 9-3100A-5.

## STREET APPLICATIONS *cont'd*

<b>Street True® Roller (3 Keyway)</b>	<b>9-1100</b>
- in Clamshell Display Packaging	<b>9-1100SP</b>
- with Thrust Bearing	<b>9-1100T</b>
Replacement Chain	9-145
Replacement Thrust Bearing	9-220
Cam Button .925" (59/64")	9-200
Cam Button .642" (41/64")	9-202
Steel Thrust Washer .031"	9-201
Bronze Thrust Washer .150"	9-220B

<b>Heavy Duty Double Roller (3 Keyway)</b>	<b>C-3023X</b>
- in Clamshell Display Packaging	<b>C-3023XSP</b>
- Single Keyway / Clamshell Pkg	<b>C-3023SP</b>
Replacement Chain	C163
Cam Button .925" (59/64")	9-200
Cam Button .642" (41/64")	9-202

<b>Heavy Duty Single Roller (1 Keyway)</b>	<b>C-3055</b>
Replacement Chain	9-4149

**3 V-8 Small Block "Rocket" All Years**  
**Raised Cam (.391)**

**STANDARD CENTER DISTANCE = 4.912**

## RACE APPLICATIONS

<b>Hex-A-Just® True® Roller</b>	<b>9-3146A ▼</b>
Replacement Chain	9-131
Replacement Thrust Bearing	9-220
<b>Quick Button™ Two-Piece Cover</b>	<b>9-226</b>
Cam Button .925" (59/64")	9-200
Bronze Thrust Washer .150"	9-220B

<b>- with BB Crank Snout</b>	<b>9-3146B ▼</b>
Replacement Chain	9-131
Replacement Thrust Bearing	9-220
<b>Quick Button™ Two-Piece Cover</b>	<b>9-229</b>
Cam Button .925" (59/64")	9-200
Bronze Thrust Washer .150"	9-220B

<b>Quick Adjust® True® Roller</b>	<b>9-3746 ▼</b>
- with BB Crank Snout	<b>9-3746B ▼</b>
Replacement Chain	9-131
Replacement Thrust Bearing	9-220
Cam Button .925" (59/64")	9-200
Bronze Thrust Washer .150"	9-220B

<b>Race Billet True® Roller (9 Keyway)</b>	<b>9-3646TX9 ▼</b>
<b>Race Billet True® Roller (3 Keyway)</b>	<b>9-3646TX3 ▼</b>
Replacement Chain	9-131
Replacement Thrust Bearing	9-220
Cam Button .925" (59/64")	9-200
Bronze Thrust Washer .150"	9-220B

## RACE APPLICATIONS *cont'd*

<b>Original True® Roller (3 Keyway)</b>	<b>9-3146 ▼</b>
- with Thrust Bearing	<b>9-3146T ▼</b>
Replacement Chain	9-131
Replacement Thrust Bearing	9-220
Cam Button .925" (59/64")	9-200
Steel Thrust Washer .031"	9-201
Bronze Thrust Washer .150"	9-220B

## STREET APPLICATIONS

<b>Street Billet True® Roller (9 Keyway)</b>	<b>9-3546TX9</b>
Replacement Chain	9-148
Replacement Thrust Bearing	9-220
Cam Button .925" (59/64")	9-200
Bronze Thrust Washer .150"	9-220B

<b>Street True® Roller (3 Keyway)</b>	<b>9-1146</b>
- with Thrust Bearing	<b>9-1146T</b>
Replacement Chain	9-148
Replacement Thrust Bearing	9-220
Cam Button .925" (59/64")	9-200
Steel Thrust Washer .031"	9-201
Bronze Thrust Washer .150"	9-220B

**4 V-8 348, 409 1958-65**

**STANDARD CENTER DISTANCE = 5.045**

## RACE APPLICATIONS

<b>Race Billet True® Roller (3 Keyway)</b>	<b>9-3601X3 ▼</b>
Replacement Chain	9-133

**Original True® Roller**  
 - superceded to Race Billet True® Roller (see above)

## STREET APPLICATIONS

<b>Street True® Roller (3 Keyway)</b>	<b>9-1101</b>
1/2" Pitch Single Roller Chain	
Replacement Chain	9-4160

**5 V-6 Truck 4.3 w/ Balance Shaft 1992-2006**  
**1/2" Pitch Single Roller Chain**

**STANDARD CENTER DISTANCE = 4.521**

## RACE APPLICATIONS

<b>Race Billet True® Roller (3 Keyway)</b>	<b>9-3654X3</b>
Replacement Chain	9-193

**Original True® Roller**  
 - superceded to Race Billet True® Roller (see above)

## STREET APPLICATIONS

<b>Heavy Duty Single Roller (1 Keyway)</b>	<b>C-3211</b>
Replacement Chain	9-4149

▼ DENOTES SET IS AVAILABLE IN REDUCED CENTER DISTANCE OF -.005 and -.010  
 To order, simply add -5 or -10 after part number, for example 9-3100A-5.

# HIGH PERFORMANCE SPEED SETS

CHEVROLET

<b>6</b>	V-6 & SB V-8 (excl LT1/LT4)	1985-2002
	V-6 262, 4.3 w/o Bal Shaft	
	V-8 305E, F, G, H, 350 (5.7-7, 5.7-8) with Factory Roller Cam	
<b>STANDARD CENTER DISTANCE = 4.521</b>		

<b>RACE APPLICATIONS</b>		
Hex-A-Just® True® Roller	9-3145A	▼
Replacement Chain	9-130	
<i>Quick Button™ Two-Piece Cover</i>	9-225	
- with Big Block Crank Snout	9-3145B	▼
Replacement Chain	9-130	
<i>Quick Button™ Two-Piece Cover</i>	9-234	
Race Billet True® Roller (9 Keyway)	9-3645X9	▼
Race Billet True® Roller (3 Keyway)	9-3645X3	▼
Replacement Chain	9-130	
Original True® Roller (3 Keyway)	9-3145	▼
Replacement Chain	9-130	

<b>STREET APPLICATIONS</b>		
Street Billet True® Roller (9 Keyway)	9-3545X9	
Replacement Chain	9-145	
Street True® Roller (3 Keyway)	9-1145	
Replacement Chain	9-145	
Heavy Duty Single Roller (1 Keyway)	C-3092	
Replacement Chain	9-4149	

<b>7</b>	V-8 Small Block Vortec (L31)	1996-2002
	1/2" Pitch Single Roller Chain	
<b>STANDARD CENTER DISTANCE = 4.521</b>		

<b>RACE APPLICATIONS</b>		
Original True® Roller (3 Keyway)	9-3157	
Replacement Chain	9-193	
Original True® Roller (1 Keyway)	9-3157X1	
Replacement Chain	9-193	

<b>STREET APPLICATIONS</b>		
Street True® Roller (3 Keyway)	9-1157	
Replacement Chain	9-4149	

<b>8</b>	LT-1 / LT-4 (Vented Opti-Spark)	1995-1997
	1/2" Pitch Single Roller Chain	
<b>STANDARD CENTER DISTANCE = 4.521</b>		

<b>RACE APPLICATIONS</b>		
Race Billet True® Roller (3 Keyway)	9-3651X3	
Replacement Chain	9-193	
Original True® Roller		
- superseded to Race Billet True® Roller (see above)		

**blocks 9-14 contain GM's LS applications**

*We offer over 30 different True® Roller sets for the LS engine family. These are all high-end race sets, including both Hex-A-Just® and Race Billet 3 & 9 Keyway sets.*

**See PAGE 2 for more information and listings, including "Raised Block" sets.**

<b>9</b>	V-8 Truck 4.8, 5.3, 6.0	1999-2007
	non-VVT	
- three bolt cam sprocket / no or one sensor hub		
<b>STANDARD CENTER DISTANCE = 4.890</b>		

<b>RACE APPLICATIONS</b>		
<b>with Extreme Duty "Z" Chain (Single Roller)</b>		
Hex-A-Just® True® Roller	9-3158AZ	
Race Billet True® Roller (9 Keyway)	9-3658TX9Z	
Race Billet True® Roller (3 Keyway)	9-3658TX3Z	
Replacement "Z" Chain	9-303	
Replacement Thrust Bearing	9-232	

<b>with Premium True® Roller Chain (Single Roller)</b>		
Hex-A-Just® True® Roller	9-3158A	
Race Billet True® Roller (9 Keyway)	9-3658TX9	
Race Billet True® Roller (3 Keyway)	9-3658TX3	
Replacement Chain	9-304	
Replacement Thrust Bearing	9-232	

<b>with Premium True® Roller Chain (Double Roller)</b>		
Hex-A-Just® True® Roller	9-3159A	▼
Race Billet True® Roller (3 Keyway)	9-3659X3	▼
Replacement Chain	9-131	

<b>10</b>	V-8 Truck 4.8, 5.3, 6.0	2007-2009
	non-VVT	
- single bolt cam sprocket / four sensor hubs		
<b>STANDARD CENTER DISTANCE = 4.890</b>		

**These sets include chain damper #9-5491**

<b>RACE APPLICATIONS</b>		
<b>with Extreme Duty "Z" Chain (Single Roller)</b>		
Race Billet True® Roller (9 Keyway)	9-3673TX9Z	
Race Billet True® Roller (3 Keyway)	9-3673TX3Z	
Replacement "Z" Chain	9-303	
Replacement Thrust Bearing	9-232	
Replacement Chain Damper	9-5491	

<b>with Premium True® Roller Chain (Single Roller)</b>		
Race Billet True® Roller (9 Keyway)	9-3673TX9	
Race Billet True® Roller (3 Keyway)	9-3673TX3	
Replacement Chain	9-304	
Replacement Thrust Bearing	9-232	
Replacement Chain Damper	9-5491	

▼ DENOTES SET IS AVAILABLE IN REDUCED CENTER DISTANCE OF -.005 and -.010  
To order, simply add -5 or -10 after part number, for example 9-3100A-5.

<b>11</b>	<b>V-8 LS1 / LS6 - 5.7, LS2 - 6.0</b>	<b>1997-2005</b>
	<b>non-VVT</b>	
- three bolt cam sprocket / no or one sensor hub (this includes 2006 Pontiac GTO)		
<b>STANDARD CENTER DISTANCE = 4.890</b>		

**RACE APPLICATIONS**

**with Extreme Duty "Z" Chain (Single Roller)**

Hex-A-Just® True® Roller	9-3158AZ
Race Billet True® Roller (9 Keyway)	9-3658TX9Z
Race Billet True® Roller (3 Keyway)	9-3658TX3Z
Replacement "Z" Chain	9-303
Replacement Thrust Bearing	9-232

**with Premium True® Roller Chain (Single Roller)**

Hex-A-Just® True® Roller	9-3158A
Race Billet True® Roller (9 Keyway)	9-3658TX9
Race Billet True® Roller (3 Keyway)	9-3658TX3
Replacement Chain	9-304
Replacement Thrust Bearing	9-232

**with Premium True® Roller Chain (Double Roller)**

Hex-A-Just® True® Roller	9-3159A ▼
Race Billet True® Roller (3 Keyway)	9-3659X3 ▼
Replacement Chain	9-131

<b>12</b>	<b>V-8 LS2 - 6.0</b>	<b>2006</b>
	<b>non-VVT</b>	
- three bolt cam sprocket / four sensor hubs		
<b>STANDARD CENTER DISTANCE = 4.890</b>		

**RACE APPLICATIONS**

**with Extreme Duty "Z" Chain (Single Roller)**

Hex-A-Just® True® Roller	9-3172AZ
Race Billet True® Roller (9 Keyway)	9-3672TX9Z
Race Billet True® Roller (3 Keyway)	9-3672TX3Z
Replacement "Z" Chain	9-303
Replacement Thrust Bearing	9-232

**with Premium True® Roller Chain (Single Roller)**

Hex-A-Just® True® Roller	9-3172A
Race Billet True® Roller (9 Keyway)	9-3672TX9
Race Billet True® Roller (3 Keyway)	9-3672TX3
Replacement Chain	9-304
Replacement Thrust Bearing	9-232

<b>13</b>	<b>V-8 LS2 / LS3 - 6.0, 6.2</b>	<b>2007-2009</b>
	<b>non-VVT</b>	
- single bolt cam sprocket / four sensor hubs		
<b>STANDARD CENTER DISTANCE = 4.890</b>		
These sets include chain damper #9-5491		

**RACE APPLICATIONS**

**with Extreme Duty "Z" Chain (Single Roller)**

Race Billet True® Roller (9 Keyway)	9-3673TX9Z
Race Billet True® Roller (3 Keyway)	9-3673TX3Z
Replacement "Z" Chain	9-303
Replacement Thrust Bearing	9-232
Replacement Chain Damper	9-5491

**with Premium True® Roller Chain (Single Roller)**

Race Billet True® Roller (9 Keyway)	9-3673TX9
Race Billet True® Roller (3 Keyway)	9-3673TX3
Replacement Chain	9-304
Replacement Thrust Bearing	9-232
Replacement Chain Damper	9-5491

<b>14</b>	<b>V-8 LS7</b>	<b>2006-10</b>
	<b>non-VVT</b>	
- three bolt cam sprocket / four sensor hubs		
<b>STANDARD CENTER DISTANCE = 4.890</b>		

**RACE APPLICATIONS**

**with Extreme Duty "Z" Chain (Single Roller)**

Hex-A-Just® True® Roller	9-3167AZ
Race Billet True® Roller (3 Keyway)	9-3667TX3Z
Replacement "Z" Chain	9-303
Replacement Thrust Bearing	9-232

**with Premium True® Roller Chain (Single Roller)**

Hex-A-Just® True® Roller	9-3167A
Race Billet True® Roller (3 Keyway)	9-3667TX3
Replacement Chain	9-304
Replacement Thrust Bearing	9-232

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▼ DENOTES SET IS AVAILABLE IN REDUCED CENTER DISTANCE OF -.005 and -.010  
To order, simply add -5 or -10 after part number, for example 9-3100A-5.

# HIGH PERFORMANCE SPEED SETS

CHEVROLET

**15** V-8 BB 396, 400, 402, 427, 454 1965-1998  
non-Factory Roller Cam

**STANDARD CENTER DISTANCE = 5.152**

### RACE APPLICATIONS

**Hex-A-Just® True® Roller 9-3110A ▼**  
Replacement Chain 9-134  
Replacement Thrust Bearing 9-220  
**Quick Button™ Two-Piece Cover 9-231**  
Cam Button .925" (59/64") 9-200  
Bronze Thrust Washer .150" 9-220B

**Quick Adjust® True® Roller 9-3710 ▼**  
Replacement Chain 9-134  
Replacement Thrust Bearing 9-220  
Cam Button .925" (59/64") 9-200  
Bronze Thrust Washer .150" 9-220B

**Race Billet True® Roller (9 Keyway) 9-3610TX9 ▼**  
**- with Bronze Thrust Washer 9-3610WX9 ▼**

**Race Billet True® Roller (3 Keyway) 9-3610TX3 ▼**  
**- with Bronze Thrust Washer 9-3610WX3 ▼**  
Replacement Chain 9-134  
Replacement Thrust Bearing 9-220  
Cam Button .925" (59/64") 9-200  
Bronze Thrust Washer .150" 9-220B

**Original True® Roller (3 Keyway) 9-3110 ▼**  
**- with Thrust Bearing 9-3110T ▼**  
Replacement Chain 9-134  
Replacement Thrust Bearing 9-220  
Cam Button .925" (59/64") 9-200  
Steel Thrust Washer .031" 9-201  
Bronze Thrust Washer .150" 9-220B

### STREET APPLICATIONS

**Street Billet True® Roller (9 Keyway) 9-3510TX9**  
**- with Bronze Thrust Washer 9-3510WX9**  
Replacement Chain 9-146  
Replacement Thrust Bearing 9-220  
Cam Button .925" (59/64") 9-200  
Bronze Thrust Washer .150" 9-220B

**Street True® Roller (3 Keyway) 9-1110**  
**- with Thrust Bearing 9-1110T**  
Replacement Chain 9-146  
Replacement Thrust Bearing 9-220  
Cam Button .925" (59/64") 9-200  
Steel Thrust Washer .031" 9-203  
Bronze Thrust Washer .150" 9-220B

**Heavy Duty Double Roller (3 Keyway) C-3024X**  
Replacement Chain C168

**16** V-8 Big Block "Merlin" 454 All Years  
with raised Cam (.399")

**STANDARD CENTER DISTANCE = 5.551**

### RACE APPLICATIONS

**Hex-A-Just® True® Roller 9-3147A ▼**  
Replacement Chain 9-135  
Cam Button .925" (59/64") 9-200

**Quick Adjust® True® Roller 9-3747 ▼**  
Replacement Chain 9-135  
Cam Button .925" (59/64") 9-200

**Race Billet True® Roller (9 Keyway) 9-3647TX9 ▼**  
**- with Bronze Thrust Washer 9-3647WX9 ▼**  
**Race Billet True® Roller (3 Keyway) 9-3647TX3 ▼**  
**- with Bronze Thrust Washer 9-3647WX3 ▼**  
Replacement Chain 9-135  
Replacement Thrust Bearing 9-220  
Bronze Thrust Washer .150" 9-220B  
Cam Button .925" (59/64") 9-200

**Original True® Roller (3 Keyway) 9-3147 ▼**  
**- with Thrust Bearing 9-3147T ▼**  
Replacement Chain 9-135  
Replacement Thrust Bearing 9-220  
Cam Button .925" (59/64") 9-200  
Steel Thrust Washer .031" 9-203  
Bronze Thrust Washer .150" 9-220B

### STREET APPLICATIONS

**Street Billet True® Roller (9 Keyway) 9-3547TX9**  
**- with Bronze Thrust Washer 9-3547WX9**  
Replacement Chain 9-147  
Replacement Thrust Bearing 9-220  
Bronze Thrust Washer .150" 9-220B  
Cam Button .925" (59/64") 9-200  
Steel Thrust Washer .031" 9-203

**Street True® Roller (3 Keyway) 9-1147**  
**- with Thrust Bearing 9-1147T**  
Replacement Chain 9-147  
Replacement Thrust Bearing 9-220  
Bronze Thrust Washer .150" 9-220B  
Cam Button .925" (59/64") 9-200  
Steel Thrust Washer .031" 9-203

▼ DENOTES SET IS AVAILABLE IN REDUCED CENTER DISTANCE OF -.005 and -.010  
To order, simply add -5 or -10 after part number, for example 9-3100A-5.

<b>17</b>	<b>V-8 Big Block Vortec</b>	<b>1996-2000</b>
	<b>454 (7.4-J) with Crank Sensor Ring</b> <b>1/2" Pitch Single Roller Chain</b>	
<b>STANDARD CENTER DISTANCE = 5.152</b>		
<b>RACE APPLICATIONS</b>		
<b>Hex-A-Just® True® Roller</b>		<b>9-3155A</b>
Replacement Chain		9-192
<b>Race Billet True® Roller (3 Keyway)</b>		<b>9-3655X3</b>
Replacement Chain		9-192
<b>Original True® Roller</b> - superceded to Race Billet True® Roller (see above)		
<b>18</b>	<b>V-8 Big Block "Gen VI"</b>	<b>All Years</b>
	<b>with Factory Roller Cam</b>	
<b>STANDARD CENTER DISTANCE = 5.152</b>		
<b>RACE APPLICATIONS</b>		
<b>Hex-A-Just® True® Roller</b>		<b>9-3170A ▼</b>
Replacement Chain		9-134
<b>Race Billet True® Roller (3 Keyway)</b>		<b>9-3670X3 ▼</b>
Replacement Chain		9-134
<b>Original True® Roller</b> - superceded to Race Billet True® Roller (see above)		
<b>With 1/2" Pitch Single Roller Chain</b>		
<b>Hex-A-Just® True® Roller</b>		<b>9-3149A</b>
Replacement Chain		9-192
<b>Race Billet True® Roller (3 Keyway)</b>		<b>9-3649X3</b>
Replacement Chain		9-192
<b>Original True® Roller</b> - superceded to Race Billet True® Roller (see above)		

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## CHEVROLET LS3... FEATURED APPLICATION

**A** Cloyes exclusive, the LS3 timing sets are designed to eliminate the OE GM tensioner and replace it with a guide block. We have taken the unique OE GM tooth profile and modified it for all out racing. Our redesigned tooth profile allows us to hand match your LS3 set to the block center distance specifications.



**“We applied our 40 years of racing heritage to the design of this LS3 set”**

*-Cloyes Engineering*



▼ DENOTES SET IS AVAILABLE IN REDUCED CENTER DISTANCE OF -.005 and -.010  
To order, simply add -5 or -10 after part number, for example 9-3100A-5.

## CHRYSLER

ENGINE INDEX	YRS	BLK
V-6 238 (3.9)	56-91	1
V-8 SB 273 thru 392 Hemi	56-91	1
V-8 Big Block (1 Bolt)	58-78	2
V-8 Big Block (3 Bolt)	58-78	3
V-10 Viper (3 Bolt Cam)	96-02	4

<b>1</b>	V-6 & Small Block V-8	1956-1991
	V-6 238 (3.9)	
	V-8 273, 315, 318, 325, 326, 340, 354, 360, 392 Hemi	
	<b>STANDARD CENTER DISTANCE = 6.125</b>	

### RACE APPLICATIONS

Race Billet True® Roller (9 Keyway)	9-3603X9 ▼
Race Billet True® Roller (3 Keyway)	9-3603X3 ▼
Replacement Chain	9-135

Original True® Roller (3 Keyway)	9-3103 ▼
Replacement Chain	9-135

### STREET APPLICATIONS

Street Billet True® Roller (9 Keyway)	9-3503X9
Replacement Chain	9-147

Street True® Roller (3 Keyway)	9-1103
Replacement Chain	9-147

Heavy Duty Double Roller (3 Keyway)	C-3028X
Replacement Chain	C160

<b>2</b>	V-8 Big Block (1 Bolt)	1958-1978
	350, 361, 383, 400, 413W,	
	426W, 426 Hemi, 440	
	<b>STANDARD CENTER DISTANCE = 5.152</b>	

### RACE APPLICATIONS

Race Billet True® Roller (9 Keyway)	9-3604X9 ▼
Race Billet True® Roller (3 Keyway)	9-3604X3 ▼
Replacement Chain	9-134

Original True® Roller (3 Keyway)	9-3104 ▼
Replacement Chain	9-134

### STREET APPLICATIONS

Street Billet True® Roller (9 Keyway)	9-3504X9
Replacement Chain	9-146

Street True® Roller (3 Keyway)	9-1104
Replacement Chain	9-146

Heavy Duty Double Roller (1 Keyway)	C-3044
Replacement Chain	C168

<b>3</b>	V-8 Big Block (3 Bolt)	1958-1978
	350, 361, 383, 400, 413W,	
	426W, 426 Hemi, 440	
	<b>STANDARD CENTER DISTANCE = 5.152</b>	

### RACE APPLICATIONS

Hex-A-Just® True® Roller	9-3125A ▼
Replacement Chain	9-134
Replacement Thrust Bearing	9-220
Bronze Thrust Washer .150"	9-220B

Race Billet True® Roller (9 Keyway)	9-3625TX9 ▼
Race Billet True® Roller (3 Keyway)	9-3625TX3 ▼

Replacement Chain	9-134
Replacement Thrust Bearing	9-220
Bronze Thrust Washer .150"	9-220B

Original True® Roller (3 Keyway)	9-3125 ▼
Replacement Chain	9-134

### STREET APPLICATIONS

Street Billet True® Roller (9 Keyway)	9-3525TX9
Replacement Chain	9-146
Replacement Thrust Bearing	9-220
Bronze Thrust Washer .150"	9-220B

Street True® Roller (3 Keyway)	9-1125
Replacement Chain	9-146

Heavy Duty Double Roller (1 Keyway)	C-3045
Replacement Chain	C168

<b>4</b>	V-10 8.0L Viper (3 Bolt Cam)	1996-2002
	<b>STANDARD CENTER DISTANCE = 6.125</b>	

### RACE APPLICATIONS

Hex-A-Just® True® Roller	9-3152A
Replacement Chain	9-135

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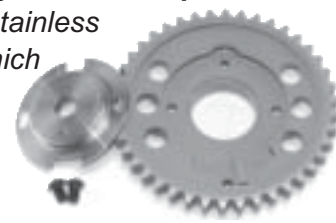
▼ DENOTES SET IS AVAILABLE IN REDUCED CENTER DISTANCE OF -.005 and -.010  
To order, simply add -5 or -10 after part number, for example 9-3100A-5.

<b>FORD</b>		
<b>ENGINE INDEX</b>	<b>YRS</b>	<b>BLK</b>
V-6 SVO 3.8	All	1
V-6 3.8-3, 3.8-4	82-87	1
V-8 Small Blk (1 pc eccentric)	62-84	2
V-8 Small Blk (2 pc eccentric)	72-01	3
V-8 4.6 Modulars	96-04	4
V-8 351C, 351M, 400	70-82	5
V-8 FE	63-73	6
V-8 Big Blk 429,460 (TDC)	68-71	7
V-8 Big Blk 460 (TDC)	88-92	7
V-8 Big Blk 429, 460 (RET)	72-87	8

<b>1</b>	V-6 SVO 3.8	All Years
	V-6 3.8-3, 3.8-4	1982-1987
<b>STANDARD CENTER DISTANCE = 5.192</b>		
<b>RACE APPLICATIONS</b>		
	Original True® Roller (3 Keyway)	9-3148 ▼
	Replacement Chain	9-131
<b>2</b>	V-8 Small Block	1962-1984
	221, 255, 260, 289 Std, 302 Std, 351 Std 302 H/O, 351W H/O (to 03/21/84) - factory one pc fuel pump eccentric	
<b>STANDARD CENTER DISTANCE = 4.804</b>		
<b>RACE APPLICATIONS</b>		
	Quick Adjust® True® Roller	9-3735 ▼
	Replacement Chain	9-130
	Hex-A-Just® True® Roller	9-3135A ▼
	Replacement Chain	9-130
	Replacement Fuel Pump Eccentric	9-215
	Race Billet True® Roller (9 Keyway)	9-3635X9 ▼
	Race Billet True® Roller (3 Keyway)	9-3635X3 ▼
	Replacement Chain	9-130
	Original True® Roller (3 Keyway)	9-3135 ▼
	Replacement Chain	9-130
<b>STREET APPLICATIONS</b>		
	Street Billet True® Roller (9 Keyway)	9-3535X9
	Replacement Chain	9-145
	Street True® Roller (3 Keyway)	9-1135
	Replacement Chain	9-145
	Heavy Duty Double Roller (3 Keyway)	C-3054X
	Replacement Chain	C163

<b>3</b>	V-8 Small Block	1972-2001
	302 Std, 351W Std 302 (5.0) H/O (from 03/21/84) - factory two pc fuel pump eccentric	
<b>STANDARD CENTER DISTANCE = 4.804</b>		
<b>RACE APPLICATIONS</b>		
	Quick Adjust® True® Roller	9-3738 ▼
	Replacement Chain	9-130
	Hex-A-Just® True® Roller	9-3135A ▼
	Replacement Chain	9-130
	Replacement Fuel Pump Eccentric	9-215
	Original True® Roller (3 Keyway)	9-3138 ▼
	Replacement Chain	9-130
<b>STREET APPLICATIONS</b>		
	Street True® Roller (3 Keyway)	9-1138
	Replacement Chain	9-145
	Heavy Duty Double Roller (3 Keyway)	C-3057X
	Replacement Chain	C163
<b>4</b>	V-8 4.6 Modulars	1996-2004
	<b>This is a "FEATURED PRODUCT". Please refer to PAGE 4 for complete details of our Ford Mod coverage.</b>	
<b>RACE APPLICATIONS</b>		
	2 VALVE 1996-1998 FULL KIT	9-3162A
	2 VALVE 1999-2000 FULL KIT	9-3163A
	2 VALVE 2001-2004 FULL KIT	9-3164A
	2 VALVE 1996-2000 UPGRADE KIT	9-3165A
	2 VALVE 2001-2004 UPGRADE KIT	9-3166A
	2 VALVE 1996-2004 SPROCKET KIT	9-3169A
	4 VALVE 1996-1999 UPGRADE KIT	9-3174A
	4 VALVE 2001-2004 UPGRADE KIT	9-3175A
<b>SEE PAGE 4 FOR MORE DETAILS!</b>		
<b>Ford 4.6L MODULAR V8...</b>		
<p><i>This billet adjustable cam sprocket is another Cloyes exclusive design. It is a <b>one-piece</b> design that utilizes a stainless steel adjuster plate which replaces the OE cam sprocket washer.</i></p>		



▼ DENOTES SET IS AVAILABLE IN REDUCED CENTER DISTANCE OF -.005 and -.010  
To order, simply add -5 or -10 after part number, for example 9-3100A-5.



## JEEP

ENGINE INDEX		YRS	BLK
I-4	150 (2.5)	83-02	1
I-6	232, 242 (4.0), 258	64-93	1
V-8	304, 360, 401	71-81	2
<b>1</b>	I-4 150 (2.5)	1983-2002	
	I-6 232, 242 (4.0), 258	1964-1993	
<b>STANDARD CENTER DISTANCE = 5.045</b>			
<b>RACE APPLICATIONS</b>			
Original True® Roller (3 Keyway)		9-3127	▼
Replacement Chain		9-133	
<b>2</b>	V-8 304, 360, 401	1971-1981	
	<b>STANDARD CENTER DISTANCE = 4.965</b>		
<b>RACE APPLICATIONS</b>			
Original True® Roller (3 Keyway)		9-3118	▼
Replacement Chain		9-132	
<b>STREET APPLICATIONS</b>			
Street True® Roller (3 Keyway)		9-1118	
Replacement Chain		9-142	

## PONTIAC

ENGINE INDEX		YRS	BLK
V-8	287 thru 455	55-79	1
<b>1</b>	V-8 287, 316, 326, 347, 350P,	1955-1979	
	370, 389, 400, 421, 428, 455		
<b>STANDARD CENTER DISTANCE = 5.192</b>			
<b>RACE APPLICATIONS</b>			
Race Billet True® Roller (9 Keyway)		9-3612X9	▼
Race Billet True® Roller (3 Keyway)		9-3612X3	▼
Replacement Chain		9-131	
Original True® Roller (3 Keyway)		9-3112	▼
Replacement Chain		9-131	
<b>STREET APPLICATIONS</b>			
Street Billet True® Roller (9 Keyway)		9-3512X9	
Replacement Chain		9-148	
Street True® Roller (3 Keyway)		9-1112	
Replacement Chain		9-148	
Heavy Duty Double Roller (1 Keyway)		C-3043	
Replacement Chain		C165	

**For Pontiac LT and LS engines, see Chevrolet applications.**

## OLDSMOBILE

ENGINE INDEX		YRS	BLK
V-8	260F thru 455	64-87	1
<b>1</b>	V-8 260F, 307, 330, 350R,	1964-1987	
	400, 403, 425, 455		
<b>STANDARD CENTER DISTANCE = 5.044</b>			
<b>RACE APPLICATIONS</b>			
Hex-A-Just® True® Roller		9-3113A	▼
Replacement Chain		9-133	
Replacement Fuel Pump Eccentric		9-219	
Race Billet True® Roller (9 Keyway)		9-3613X9	▼
Race Billet True® Roller (3 Keyway)		9-3613X3	▼
Replacement Chain		9-133	
Original True® Roller (3 Keyway)		9-3113	▼
Replacement Chain		9-133	
<b>STREET APPLICATIONS</b>			
Street Billet True® Roller (9 Keyway)		9-3513X9	
Replacement Chain		9-149	
Street True® Roller (3 Keyway)		9-1113	
Replacement Chain		9-149	

## RANGE ROVER / ROVER

ENGINE INDEX		YRS	BLK
V-8	215 (3.5)	69-74	1
<b>1</b>	V-8 215 (3.5)	1969-1974	
	<b>STANDARD CENTER DISTANCE = 4.335</b>		
<b>RACE APPLICATIONS</b>			
Race Billet True® Roller (9 Keyway)		9-3632X9	▼
Race Billet True® Roller (3 Keyway)		9-3632X3	▼
Replacement Chain		9-138	
Original True® Roller (3 Keyway)		9-3132	▼
Replacement Chain		9-138	
<b>STREET APPLICATIONS</b>			
Street Billet True® Roller (9 Keyway)		9-3532X9	
Replacement Chain		9-143	
Street True® Roller (3 Keyway)		9-1132	
Replacement Chain		9-143	

▼ DENOTES SET IS AVAILABLE IN REDUCED CENTER DISTANCE OF -.005 and -.010  
To order, simply add -5 or -10 after part number, for example 9-3100A-5.

# DUAL IDLER GEAR DRIVE

Replace your stock timing chain with a Precision Gear Drive. Known for years to simulate that “blower” sound. The gears are machined from premium billet steel on our state-of-the-art CNC equipment then induction hardened and oil-quenched using our in-house multi-stage heat treat process. Our Idler Gear assembly, with its honed idler gear bores, precision ground pins, and heavy duty idler brackets, ensures precise timing through the entire RPM range.

Cloyes Gear Drives offer a three keyway crank gear allowing you to adjust your valve timing +/- 4 degrees.

Dual Idler Gear Drive features:

- Induction Heat-Treated, Billet Steel Gears
- 3 Keyway Crank Gear, +/- 4°
- Precision Idler Gear Assembly
- Comes complete with Cam Button and Bronze Thrust Washer
- Designed to fit under stock Cover
- Hand-Assembled for Quality Assurance



**SMALL BLOCK CHEVY #8-5100 COMES IN ATTRACTIVE DISPLAY PACKAGING**

CHEVROLET SMALL BLOCK	REPLACEMENT PARTS		
	GEAR DRIVE	CAM BUTTON	THRUST WASHER
<b>1955-1996 non-Factory Roller Cam</b> V-6 200 229 262 (4.3Z w/o Balance Shaft) V-8 262 265 267 283 302 305G 305H 307 327 350L 400	8-5100 8-5100Q (quiet)	9-205	P9070
<b>1985-2002 with Factory Roller Cam</b> V-6 200 229 262 (4.3Z w/o Balance Shaft) V-8 262 265 267 283 302 305G 305H 307 327 350L 400	8-5145	not required	P9075
CHEVROLET BIG BLOCK	GEAR DRIVE	CAM BUTTON	THRUST WASHER
<b>1965-1998 non-Factory Roller Cam</b> V-8 396 400 402 427 454	8-5110	9-205	P9082
FORD SMALL BLOCK	GEAR DRIVE	CAM BUTTON	THRUST WASHER
<b>1962-2001</b> with one pc or no fuel pump eccentric V-8 289 302 351W	8-5135	not required	P9075

# MATCHED GEAR SETS - FOR INLINE ENGINES

Cloyes has been making engine timing gears since the 1920's. No other company has the experience of Cloyes in making precision engine gears. Designed for true performance!

Matched Gear Sets feature:

- Precision Hobbed and Crown Shaved Gears
- Billet Steel, Three Keyway Crank Gears allow +/- 4° Adjustment
- Hand Matched to Qualify Proper Center Distance and Backlash



<b>CHEVROLET 4 &amp; 6 CYL</b>	<b>PART #</b>
1962-1989 (also used in GMC) Steel Crank Gear – Aluminum Cam Gear	8-1016
1962-1989 (also used in GMC) Steel Crank Gear – Ductile Iron Cam Gear (SPUR CUT)	8-1018
<b>FORD In-Line 6 CYLINDER</b>	<b>PART #</b>
1965-1996 Steel Crank Gear – Aluminum Cam Gear	8-1014
<b>PONTIAC 4 CYLINDER</b>	<b>PART #</b>
1980-1990 (also used in Buick & Oldsmobile) Steel Crank Gear – Ductile Iron Cam Gear (SPUR CUT)	8-1018

# MARINE ENGINE GUIDE

<b>Engine Make / Description</b>	<b>Recommended Set #</b>
<b>Chevrolet</b>	<b>Set #</b>
2.5L 4 CYL	2528S
4.3L V6	9-3600WX3 or X9
350 V8 Small Block	9-3600WX3 or X9
350 V8 SB w/Factory Roller Cam	9-3645X3 or X9
350 V8 SB Vortec (L31)	9-3157
454 V8 Big Block	9-3610WX3 or X9
Gen VI Big Block w/Factory Roller Cam	9-3670X3
8.1L V8 Big Block	9-9110
<b>Chrysler</b>	<b>Set #</b>
383 - 440 V8 BB - single bolt	9-3604X3 or X9
383 - 440 V8 BB - three bolt	9-3625TX3 or X9
<b>Ford</b>	<b>Set #</b>
289/302/351 V8 – one pc fuel pump eccentric	9-3635X3 or X9
289/302/351 V8 – two pc fuel pump eccentric	9-3138
351C/351M/400 V8	9-3621X3 or X9
428 V8 FE	9-3608X3 or X9
429/460 V8 Big Block	9-3622X3 or X9

All of the above are Standard Rotation sets.

Refer to our Stock Replacement Catalog for OE Reverse Rotation sets



## TRANSMISSION & TRANSFER CASE CHAINS

Year	Make	Transfer Case	Part No.	Replaces
1990-84	AMC Mini Cherokee, Wrangler, Wagoneer, w/PT 4WD	Warner 1350 NP207	<b>10-022</b>	8134471
2001-89	Jeep Wagoneer, Cherokee, Comanche	NP231C, 242, 233 ELEK	<b>10-027</b>	4338935
2001-89	Jeep Wagoneer, Cherokee, Comanche, Briarwood	NP242	<b>10-028</b>	83504575
1990-80	Jeep Wagoneer, Cherokee, Truck	NP208	<b>10-014</b>	8130977
2000-90	GM K310, K314 (with HD Chassis)	Warner 4401/4470	<b>10-031</b>	12544694
1988-81	Chevrolet Blazer, K1,2,3, V15,25, w/Part Time 4WD	NP208	<b>10-014</b>	14037982
2000-89	GM Truck, K10,20,30,309,310,314 Exc, HD Chassis	BW1370, NP241C/243C	<b>10-025</b>	12544695
1988-83	GM T10, Blazer, T15 w/Part Time 4WD	NP207	<b>10-022</b>	15635937
1998-95	GM "T" Truck w/4WD	NP231C/233C	<b>10-022</b>	15635937
1990-88	Chevrolet T10, Blazer, w/2.8-R Engine	NP231C	<b>10-027</b>	15581813
1992-91	GM "T" Truck w/4WD, w/4.3-Z Engine	NP231C/233C	<b>10-022</b>	15635937
2005-97	GM "T" Truck w/4WD	ELEK Shift	<b>10-027</b>	15581813
1999-89	Dodge Truck, w/3.9L Engine	NP231C	<b>10-027</b>	4338935
2002-89	Dodge Truck, Dakota, w/5.2L Engine	NP231C	<b>10-022</b>	4636961
1988-80	Dodge Truck, Ramcharger, Trailduster	NP208	<b>10-014</b>	8130977
1992-86	Dodge Truck, Dakota, w/Part Time 4WD	NP207	<b>10-022</b>	8134471
2001-93	Dodge Truck, Ramcharger, Exc. HD Chassis	NP241C/243C	<b>10-025</b>	4746257
1992-83	Ford Bronco II, Ranger, Explorer, w/Part Time 4WD	Warner 1350	<b>10-022</b>	E3TZ7A029A

## AUTOMATIC TRANSMISSION CHAIN

Year	Make	Transmission	Part No.	Replaces
2001-84	Buick Century, Rivera, Skylark, Chevrolet Beretta, Corsica, Cavalier, Lumina APV, Celebrity, Citation, Olds 88, Ciera, Toronado, Omega, Calais, Regency, Firenza, Cadillac Cimarron, Seville, Deville, Pontiac 2000, 6000, Grand Am, Grand Prix, Sunbird, Lemans, Bonneville	THM125C THM440-4 4T60/4T60E	<b>10-018</b>	24218281
1983-80	Buick Skylark, Chev. Citation, Olds Omega, Pont. J2000, 6000	THM125/125C	<b>10-019</b>	8653991
2001-86	Ford Taurus, Mercury Sable (exc. 1988-1986 3.8L. Eng.)	AXOD/AXODE	<b>10-021</b>	E6DZ7G249A
2002-96	Ford Windstar	AX4S	<b>10-041</b>	F58P7G249AA

## TRANSMISSION / TRANSFER CHAIN SPECIFICATIONS

Part No.	Nominal Pitch (Inches)	Nominal Width (Inches)	Pitches	Part No.	Nominal Pitch (Inches)	Nominal Width (Inches)	Pitches
10-014	1/2	1-1/4	76	10-025	1/2	1-1/4	72
10-018	3/8	7/8	84	10-027	1/2	1	62
10-019	3/8	3/4	84	10-028	1/2	1	72
10-021	3/8	3/4	86	10-031	1/2	1-1/4	72
10-022	1/2	1-1/4	62	10-041	3/8	1	88

## CAM BUTTONS



**CAM BUTTON IS A MUST FOR AFTERMARKET ROLLER CAMS**

CAM BUTTONS	Part #
SB/BB Chevrolet .925 (59/64") long used with old style 3 spoke covers	9-200
SB/BB Chevrolet .640 (41/64") long used with newer style covers	9-202
BB Chrysler .714 (23/32") long	9-204

**Cam Buttons, Thrust Washers and Thrust Bearings prevent the cam from walking and provide anti-friction surface between block and cam sprocket.**

## THRUST WASHERS and BEARINGS



STEEL THRUST WASHER	Part #
SB Chevy .031" thick	9-201
BB Chevy .031" thick	9-203
BRONZE THRUST WASHER	Part #
SB/BB Chevy & BB Chrysler .150 thick	9-220B
CAPTURED THRUST BEARINGS	Part #
SB/BB Chevy & BB Chrysler .150 thick	9-220
Cloyes LS Applications Only	9-232

### MISCELLANEOUS REPLACEMENT PARTS FOR CLOYES PRODUCTS

HEX-A-JUST® BUSHING	QUICK ADJUST® TOOL	FUEL PUMP ECCENTRIC
Used in all SB/BB Chevrolet BB Chrysler HEX-A-JUST® sets	Used in all QUICK ADJUST® sets	Use <u>ONLY</u> with Cloyes Ford HEX-A-JUST® sets
		
<b>Part #P9005</b>	<b>Part #PQATOOL</b>	<b>Part #9-215</b>

**FOR REPLACEMENT GEAR DRIVE PARTS, REFER TO PAGE 18**

**FOR REPLACEMENT QUICK BUTTON PARTS, REFER TO PAGE 25**