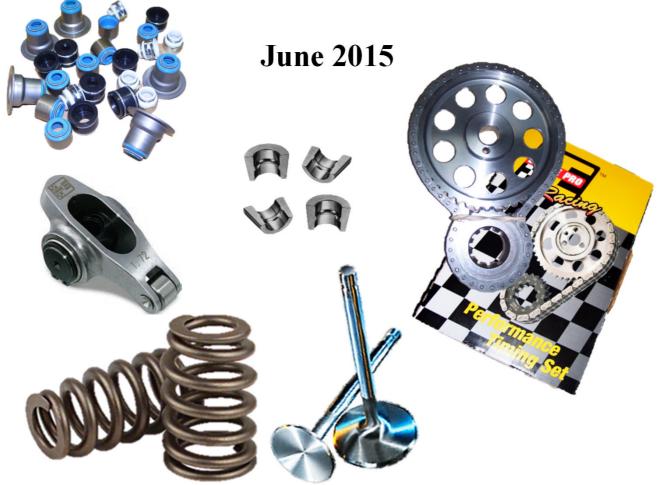




# ENGINE PRO PERFORMANCE PRODUCTS





Phone Fax

1300 662 766 1300 762 766







#### **Assembly Lubes**

Moly Lube Paste 10 Oz Brush Top

40-1000



Engine Pro Zinc Engine **Assembly Lube** 8oz Bottle 40-1100

40-1900 With ZDDP

#### **Engine Oil Additives**



40-2000 Without zinc



#### **Push Rod Length Checker**

Aluminium Alloy Twelve Tubes in 1/2" increments 6" to 12" Part # LC5A-K



## **Engine Pro Con Rod Bolt Sleeves** Part # BB1-50 **Pk of 50**



#### **Engine Pro Accessory Bolts**

Suits Sump, Inlet Manifolds, Distributor, Headers 12 point 8740 chrome moly steel Black oxide finish.



3/8" x 1.000 Part # 375-1000-50 3/8" x 1.250 Part # 375-1250-50

## **ENGINE PRO TIMING CHAIN GEAR SETS**

| Fitment                          | Street<br>3 Keyway Crank<br>Gear<br>Cast Cam Gear | Street 3 Keyway Crank Gear Cast Cam Gear W / Torrington Bearing | Premium Billet<br>Cam Gear<br>9 Keyway Crank<br>W / Torrington<br>Bearing * |
|----------------------------------|---|---|---|
| Holden 253, 308, 4.9 LT          |   |   | CS6000N   |
| Chevy Small Block V8 283-400     | 08-1100   | 08-1100T  | 08-2001T *  |
| Chevy 348, 409; 1958-65          | 08-1101   |   |   |
| Chev LS1 5.7 6.0 6.2 7.0         | SEE   | NEXT  | PAGE  |
| Ford V8 351C, 351M, 400          | 08-1121   |   | 08-2008T *  |
| SB Ford 289 -351 Windsor Pre EFI | 08-1135   |   | 08-2003T *  |

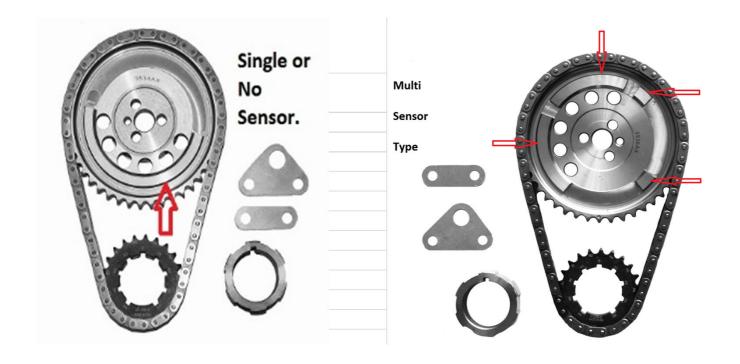






# CHEVROLET L SERIES GEAR SETS

| Engine Pro# | Description          | Chain<br>Brand | Chain<br>Type | Cam Bolt<br>Type | Cam<br>Sensor | Reluctor<br>Gear |
|-------------|----------------------|----------------|---------------|------------------|---------------|------------------|
| 08-9014T-9G | CHEV LS1 5.7L GEN111 | IWIS           | SR60          | THREE            | NONE          |                  |
| 08-2013T    | CHEV LS1 5.7L GEN111 | ROLON "R"      | DR60          | THREE            | NONE          |                  |
| 08-2013T-9G | CHEV LS1 5.7L GEN111 | IWIS           | DR60          | THREE            | NONE          |                  |
|             |                      |                |               |                  |               |                  |
| 08-2014T-9G | CHEV LS2 6.0L        | IWIS           | DR60          | THREE            | ONE           | 24T              |
|             |                      |                |               |                  |               |                  |
| 08-9035T-9  | CHEV L98 6.0L , 6.2L | IWIS           | SR60          | SINGLE           | MULTI         | 58T              |
| 08-2035T-9G | CHEV L98 6.0L, 6.2L  | IWIS           | DR60          | SINGLE           | MULTI         | 58T              |
|             |                      |                |               |                  |               |                  |
| 08-9036T-9  | CHEV LS2 6.0L        | IWIS           | SR60          | THREE            | MULTI         | 58T              |
| 08-2036T-9G | CHEV LS7 7.0L        | IWIS           | DR60          | THREE            | MULTI         | 58T              |
|             |                      |                |               |                  |               |                  |
| 08-2037T-9G | CHEV GEN 6 6.7L      | IWIS           | DR66          | THREE            | NONE          |                  |
|             |                      |                |               |                  |               |                  |









|  |          |           | <b></b>                |
|--|----------|-----------|------------------------|
| Harmonic Balancer Application                                      | Claimer  | Street    | Race<br>SFI<br>Aproved |
| Chevrolet  |          |           |                        |
| CHEVROLET V6 3.8 4.3 LT C20 PICK UP                                | PB1208-N |           |                        |
| 283,307 6 1/4"<br>STREET STOCK SPEEDWAY LIGHT WEIGHT               | PB1012-N | PB1012-ST | PB1012-SS              |
| 283,307 6 1/4"<br>LIGHT WEIGHT TO SUIT BIG BLOCK SNOUT             |          |           | PB1160SS               |
| 283 - 350 SMALL BLOCK V-8 7"                                       | PB2221-N | PB2221-ST | PB2221-SS              |
| 283 - 350 SMALL BLOCK V-8 7"<br>TO SUIT BIG BLOCK CRANK SNOUT      |          |           | PB1161-SS              |
| 283 - 350 SMALL BLOCK V-8 8"                                       | PB1046-N | PB1046-ST | PB1046-SS              |
| 305 (5.OL)LATE   | PB1200-N |           |                        |
| 350 (5.7L) LATE SUBURBAN   | PB1201-N |           |                        |
| 400 SMALL BLOCK V-8 8"   | PB1050-N | PB1050-ST | PB1050-SS              |
| 400 SMALL BLOCK V-8 7" LIGHT WEIGHT                                |          |           | PB1118-SS              |
| 427 BIG BLOCK V-8 8"   | PB1211-N | PB1211-ST | PB1211-SS              |
| 396-454 BIG BLOCK V-8 8"   | PB1018-N | PB1018-ST | PB1018-SS              |
| 396-454 BIG BLOCK LIGHT WEIGHT NEUTRAL<br>BALANCE                  | PB1019-N | PB1019-ST | PB1019-SS              |
| CHEVROLET BIG BLOCK 454 E\C H\B                                    | PB1451-N |           |                        |
| LS1 GEN 3 ALL ALLOY 5.7L V-8                                       | PB1480-N | PB1480-ST | PB1480-SS              |
| LS6 5.7L, LS2 6.0L, LS3 6.2L V-8                                   | PB1117-N |           | PB1117-SS              |
| 350(5.7L) SMALL BLOCK LT1 1993-97<br>CRANK FLANGE MOUNT SERP. BELT | PB1481-N |           |                        |
| CHEVROLET 6.5 6481CC V8 OHV 16V<br>T/DIESEL                        | PB1194-N |           |                        |
| CHEVROLET 250 6CYL   | PB1027-N |           |                        |
| GM 6.5 LITRE DIESEL SUBURBAN                                       | PB1490-N |           |                        |
| Chrysler / Dodge   |          |           |                        |
| 318 340 SMALL BLOCK  | PB1004-N | PB1004-ST | PB1004-SS              |
| 360 V8 C/W   |          | PB1108-ST | PB1108-SS              |
|  |          |           |                        |

### Claimer

Claimer Series balancers are Superior to OE balancers in material and design

#### Street

Street performance balancers offer bonded technology eliminating separation and spinning to 6500 rpm and etcheded timing marks. Great for race classes requiring an OE type balancer

#### Race

Race series balancers offer the advantage of a bonded balancer to high revving race and street applications where a SFI rating is required. Steel inertia ring protects against backwards movement.

#### **About SFI Foundation**







| ,  |          |           |                         |
|--|----------|-----------|-------------------------|
| Harmonic Balancer Application  | Claimer  | Street    | Race<br>SFI<br>Approved |
| Chrysler / Dodge Cont  |          |           |                         |
| 392 BIG BLOCK HEMI   |          | PB1115-ST | PB1115-SS               |
| 440 BIG BLOCK STEEL CRANK  |          | PB1112-ST | PB1112-SS               |
| DODGE 2.0L, 95-99 NEON STRATUS<br>CHRYSLER NEON SERIES JA S4RE (ECB) SOHC<br>16V 7/1996 - 8/1999 | PB1182-N |           |                         |
| CHRYSLER VOYAGER 3.3LT V6 97-ON  | PB1168-N |           |                         |
| CHRYSLER PT CRUISER, NEON  | PB1167-N |           |                         |
|  |          |           |                         |
| FORD   |          |           |                         |
| 302, 351 CLEVELAND V-8   | PB1082-N | PB1082-ST | PB1082-SS               |
| 289, 302 WINDSOR 3 BOLT<br>(COUNTERSUNK PULLEY LOCATION)   | PB1008-N | PB1008-ST |                         |
| 302, 351 V-8 WINDSOR 3 BOLT (RAISED PULLEY LOCATION )  | PB1203-N | PB1203-ST | PB1203-SS               |
| 302, 351W V-8 3 BOLT<br>(COUNTERSUNK PULLEY LOCATION)  | PB1009-N | PB1009-ST | PB1009-SS               |
| 302, 351 WINDSOR 4 BOLT<br>(RAISED PULLEY LOCATION)  | PB1060-N | PB1060-ST | PB1060-SS               |
| 302 WINDSOR EFI V-8  | PB1084-N | PB1084-ST | PB1084-SS               |
| 302, 351 WINDSOR 4 BOLT  | PB1098-N |           |                         |
| FORD EXPLORER V6 92-9/96   | PB1103-N |           |                         |
| FORD CONTOUR ESCAPE 2.5,3L V6  | PB1184-N |           |                         |
| FORD TAURUS, SABLE 3L V6 96-05   | PB1185-N |           |                         |
| 302 WINDSOR 4 BOLT HUB<br>( COUNTER WEIGHT RING )  | PB1070-N | PB1070-ST |                         |
| 5.8L EFI V-8 4 BOLT  | PB1214-N | PB1214-ST |                         |
| 5.0L EFI WINDSOR WITH FACTORY CRANK<br>TRIGGER (AU FALCON)                                       | PB1463-N | PB1463-ST |                         |
| 302, 351 WINDSOR<br>NEUTRAL BALANCE LIGHTWEIGHT 4 BOLT   |          |           | PB1086-SS               |
| 390 BIG BLOCK FE V-8 INTERNAL BALANCE  | PB1111-N |           |                         |

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#### **About SFI Foundation**







|  | ·        | ·         |                         |
|--|----------|-----------|-------------------------|
| Harmonic Balancer Application  | Claimer  | Street    | Race<br>SFI<br>Approved |
| Ford Cont.   |          |           |                         |
| 460 BIG BLOCK V-8 INTERNAL BALANCE   | PB1210-N |           | PB1210-SS               |
| 5.4L V-8 MODULAR MUSTANG, FALCON BA<br>SERPENTINE BELT   |          | PB1116-ST |                         |
| FORD FALCON , FAIRLANE 1960-1970<br>6CYLINDER  | PB6312-N |           |                         |
| FORD F250 F350 7.3LT V8 DIESEL   | PB1491-N |           |                         |
| FORD F250 F350 7.3LT V8 DIESEL  ** HAS MULTI RIB PULLEY **   | PB1492-N |           |                         |
| 300 CID INLINE 6 1965-92   | PB1064-N |           |                         |
|  |          |           |                         |
| HOLDEN   |          |           |                         |
| COMMODORE VZ-VE 2004-08<br>TO ENGINE NO H07102507  | PB1177-N |           |                         |
| HOLDEN 3.6LT ALLOY TECH V6 DOHC COMMODORE VZ-VE 2008-ON FROM ENGINE NO H07102508                     | PB1509-N |           |                         |
| HOLDEN VN 3.8LT V6 SERIES 1  | PB1074-N |           |                         |
| HOLDEN LATE VN-VP V6 COMMODORE   | PB1083-N |           |                         |
| HOLDEN COMMODORE VR V6   | PB1207-N |           |                         |
| HOLDEN VS COMMODORE V6<br>SUITS 95-6/96  | PB1237-N |           |                         |
| HOLDEN COMMODORE VS-VT LATE SUITS<br>6/96-97 VS SERIES 2 & 3<br>VT-VX 1997 ON / WH STATESMAN 1999 ON | PB1434-N |           |                         |
| HOLDEN VS VT SUPERCHARGER V6   | PB1461-N |           |                         |
| HOLDEN JACKEROO 6VD1 3.2L 92-99  | PB1137-N |           |                         |
| V8 ENGINES SEE UNDER " CHEVROLET"  |          |           |                         |
|  |          |           |                         |
| HONDA  |          |           |                         |
| HONDA 2.2L ACCORD, PRELUDE, ODYSSEY  | PB1188-N |           |                         |
| HONDA 2.2/2.3L ACCORD, PRELUDE   | PB1189-N |           |                         |

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| Harmonic Balancer Application   | Claimer  | Street | Race<br>SFI<br>Approved |
|---------------------------------|----------|--------|-------------------------|
| HYUNDAI                         |          |        |                         |
| HYUNDAI EXCEL SOHC 7/94 ON      | PB1457-N |        |                         |
| HYUNDAI EXCEL 1.5 SOHC 1/98 ON  | PB1458-N |        |                         |
| HYUNDAI G4CR G4CN G4CP          | PB1459-N |        |                         |
| HYUNDAI SONATA V6 3.0LT 7/93 ON | PB1460-N |        |                         |
| HYUNDAI D4HA DOHC 16V DIESEL    | PB2000-N |        |                         |
|                                 |          |        |                         |
| JEEP                            |          |        |                         |
| JEEP 4.0 L CHEROKEE-COMANCHE    | PB1439-N |        |                         |
| JEEP CHEROKEE CJ SERIES         | PB1482-N |        |                         |
| JEEP J10 J20 GRAND WAGONEER     | PB1483-N |        |                         |
|                                 |          |        |                         |
| MAZDA                           |          |        |                         |
| MAZDA LF LE MAZDA 3             | PB1387-N |        |                         |
| MAZDA MX6 626 FORD PROBE        | PB1239-N |        |                         |
| MAZDA 626, MX6, MILLENIA.       | PB1228-N |        |                         |
|                                 |          |        |                         |
| MITSUBISHI                      |          |        |                         |
| MITSUBISHI LANCER 4G93 SOHC     | PB1130-N |        |                         |
| MITSUBISHI 4G63B H/BALANCER     | PB1260-N |        |                         |
| MITSUBISHI 4G63 4G64            | PB1262-N |        |                         |
| MITSUBISHI MAGNA V6 6G72 12V    | PB1266-N |        |                         |
| MITSUBISHI 6G74 H\BALANCER      | PB1270-N |        |                         |
| MITSUBISHI NIMBUS               | PB1310-N |        |                         |
| MITSUBISHI 6G75 2003 ON         | PB1394-N |        |                         |
| MITSUBISHI LANCER 1.5 SOHC      | PB1410-N |        |                         |
| MITS PAJERO 6G72 12V BALANCER   | PB1411-N |        |                         |

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#### **About SFI Foundation**







| Harmonic Balancer Application      | Claimer  | Street    | Race<br>SFI<br>Approved |
|------------------------------------|----------|-----------|-------------------------|
| MITSUBISHI Cont                    |          |           |                         |
| MITSUBISHI MAGNA TE TF 4 CYL       | PB1470-N |           |                         |
| MITS MAGNA VERAD 6G72 6G74 12V     | PB1471-N |           |                         |
|                                    |          |           |                         |
| PONTIAC                            |          |           |                         |
| PONTIAC 287-455 ci                 |          | PB1056-ST | PB1056-SS               |
|                                    |          |           |                         |
| SUBARU                             |          |           |                         |
| SUBARU IMPREZA, LIBERTY, WRX 2.0LT | PB1164-N |           |                         |
| SUBARU IMPREZA,LIBERTY,2.5LT       | PB1165-N |           |                         |
|                                    |          |           |                         |
| тоуота                             |          |           |                         |
| TOYOTA CAMRY 2AZ 1AZFE 2002-On     | PB1119-N |           |                         |
| TOYOTA PRADO 5VZ-FE PETROL         | PB1133-N |           |                         |
| TOYOTA LANDCRUISER 2UZFE 4.7L      | PB1146-N |           |                         |
| TOYOTA COROLLA 7A-FE & 4AFE        | PB1153-N |           |                         |
| TOYOTA 2F                          | PB1089-N |           |                         |
| TOYOTA 3F PETROL NEW BALANCER      | PB1220-N |           |                         |
| TOYOTA CAMRY 3.0L 3VZ V6 ENGIN     | PB1231-N |           |                         |
| TOYOTA CAMRY 3SFE-5SFE 2.0         | PB1232-N |           |                         |
| TOYOTA CAMRY CELICA 3SFE, 5SFE     | PB1234-N |           |                         |
| TOYOTA HI-ACE 2RZ                  | PB1256-N |           |                         |
| TOYOTA COROLLA AE92 AE93 4AGE      | PB1291-N |           |                         |
| TOYOTA 1FZ                         | PB1413-N |           |                         |
| TOYOTA 2L                          | PB1209-N |           |                         |
| TOYOTA COROLLA 4A-FE 6-AF          | PB1417-N |           |                         |
| TOYOTA CAMRY VIENTA V6 7/97 ON     | PB1468-N |           |                         |
| TOYOTA 22R                         | PB1091-N |           |                         |

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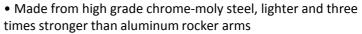
#### **About SFI Foundation**







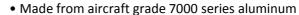




- Trunion, valve tip roller and shaft made from chrome-moly material, heat treated to insure long life
- Integral push rod seat
- Design allows clearance for most high performance valve springs
- Extra large trunions for better load distribution and wear
- Maximum open spring pressure 800 lbs.
- Laser etched with Engine Pro logo

| APPLICICATION                        | STUD DIA | RATIO | PART NUMBER |
|--------------------------------------|----------|-------|-------------|
| CHEVROLET SMALL BLOCK                | 3/8"     | 1.5   | 07-1100-16  |
| CHEVROLET SMALL BLOCK                | 7/16"    | 1.5   | 07-1101-16  |
| CHEVROLET SMALL BLOCK                | 3/8"     | 1.6   | 07-1102-16  |
| CHEVROLET SMALL BLOCK                | 7/16"    | 1.6   | 07-1103-16  |
| CHEVROLET BIG BLOCK / FORD CLEVELAND | 7/16"    | 1.72  | 07-1114-16  |
| FORD SMALL BLOCK 302 351W 5L EFI     | 3/8"     | 1.6   | 07-1117-16  |
| FORD SMALL BLOCK 302 351W 5L EFI     | 7/16"    | 1.6   | 07-1118-16  |





- Trunion, valve tip roller and shaft made from chrome-moly material, heat treated to insure long life
- Integral push rod seat design allows clearance for most high performance valve springs
- Extra large trunions for better load distribution and wear
- Maximum open spring pressure 800 lbs.
- Black anodized finish with Engine Pro logo

| APPLICICATION                        | STUD DIA | RATIO | PART NUMBER |
|--------------------------------------|----------|-------|-------------|
| CHEVROLET SMALL BLOCK                | 3/8"     | 1.5   | 07-1000-16  |
| CHEVROLET SMALL BLOCK                | 7/16"    | 1.5   | 07-1001-16  |
| CHEVROLET SMALL BLOCK                | 3/8"     | 1.6   | 07-1002-16  |
| CHEVROLET SMALL BLOCK                | 7/16"    | 1.6   | 07-1003-16  |
| CHEVROLET BIG BLOCK / FORD CLEVELAND | 7/16"    | 1.7   | 07-1014-16  |
| FORD SMALL BLOCK 302 351W 5L EFI     | 3/8"     | 1.6   | 07-1017-16  |
| FORD SMALL BLOCK 302 351W 5L EFI     | 7/16"    | 1.6   | 07-1018-16  |











# SILICONE GASKETS with Steel Support Carrier by engine Pro

Engine Pro silicone rubber gaskets for valve covers and oil pans are the perfect choice for performance engines. Each gasket (with the exception of #31-50504R) has a Steel Support Carrier which allows it to be removed and reinstalled without damaging the gasket. Stainless steel compression limiters prevent over tightening.

#### **Specific Description**

• Moulded silicone rubber construction with Steel Support Carrier (except #31-50504R)

which is moulded silicone rubber with no carrier

- Made in USA by an O.E. and aftermarket supplier
- Steel compression limiters (except #31-50504R)



| VALVE COVER GASKET SETS   | THICKNESS                        | PART #    |
|---|----------------------------------|-----------|
| Chevrolet small Block (59-86) Most Cylinder Heads except early "staggered" bolt pattern. Fits Chevrolet 18 degree and Brodix 12 | .340 Nominal; .250 at limiter    | 31-1628   |
| Chevrolet small Block (59-86) Most Cylinder Heads except early "staggered" bolt pattern. Fits Chevrolet 18 degree and Brodix 12 | .200 Nominal; .160 at<br>limiter | 31-12869T |
| Chevrolet LS1 / LS6 4.8I, 5.3I, 5.7I, 6.0I, (99-08) note: includes EGR gasket   | N/A                              | 31-50504R |
| Chevrolet Big Block (65-84), 3 upper and 4 lower bolts  | .180 Nominal; .140 at<br>limiter | 31-1635   |
| Ford small Block Windsor (62-01)  | .180 Nominal; .140 at<br>limiter | 31-1684   |

| OIL PAN GASKETS SETS  | THICKNESS | PART #    |
|---|-----------|-----------|
| Chevrolet small Block, (75-85) RH or LH dipsticks, side rails trimmed for stroker's.  | .141      | 31-1880-1 |
| Chevrolet small Block (86-97), RH dipstick. Fits GM Bow tie short deck block, Non-CNC Bow tie block w/2 piece seal adapter. | .141      | 31-1886   |
| Chevrolet ls1/ls6 4.8l, 5.3l, 5.7l, 6.0l (97-09)  | N/A       | 31-30693R |
| Chevrolet Big Block (65-90)   | .094      | 31-1884   |
| Chevrolet Big Block (91-00)   | .094      | 31-34407  |
| Ford small Block Windsor (62-85)  | .094      | 31-13260  |





# Performance Valve Stem Seals

(Singles)

| PART #                      | STEM DIA | GUIDE DIA | UNLOADED<br>SEAL DIA | ТҮРЕ        |
|-----------------------------|----------|-----------|----------------------|-------------|
| Positive                    |          |           |                      |             |
| 35-104P                     | 11/32    | 0.500     | 0.625                | POLYACRYLIC |
| 35-104V                     | 11/32    | 0.500     | 0.625                | FLUOROVITON |
| 35-304P                     | 11/32    | 0.562     | 0.692                | POLYACRYLIC |
| 35-304V                     | 11/32    | 0.562     | 0.692                | FLUOROVITON |
| 35-408AP                    | 11/32    | 0.531     | 0.695                | POLYACRYLIC |
| 35-408AV                    | 11/32    | 0.531     | 0.695                | FLUOROVITON |
| Positive Metal Clad         |          |           |                      |             |
| 35-108V                     | 11/32    | .0500     | 0.635                | FLUOROVITON |
| 35-125V                     | 11/32    | 0.492     | 0.628                | FLUOROVITON |
| 35-375V                     | 3/8      | 0.561     | 0.677                | FLUOROVITON |
| 35-504V                     | 6.00MM   | 10.03MM   | 12.57MM              | FLUOROVITON |
| 35-530V                     | 11/32    | 0.531     | 0.675                | FLUOROVITON |
| 35-562RV                    | 11/32    | 0.562     | 0.705                | FLUOROVITON |
| 35-802V                     | 5/16     | 0.531     | 0.677                | FLUOROVITON |
| 35-804V                     | 5/16     | 0.502     | 0.623                | FLUOROVITON |
| 35-8476V                    | 5/16     | 0.476     | 0.575                | FLUOROVITON |
| Teflon                      |          |           |                      |             |
| 35-1611                     | 11/32    | 0.500     | 0.610                | Teflon      |
| 35-1711                     | 11/32    | 0.531     | 0.630                | Teflon      |
| 35-1712                     | 3/8      | 0.531     | 0.626                | Teflon      |
| Top Hat Style, Suits CHEV I | S SERIES |           |                      |             |
| 35-900V                     | 8.0MM    | 0.492     | 0.791                | FLUOROVITON |





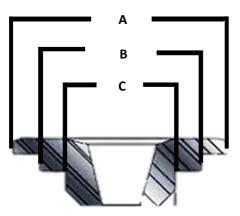


# **STEEL VALVE SPRING RETAINERS**

Engine Pro chrome moly steel retainers are designed to handle high pressures developed by new large diameter valve springs. Our retainers are manufactured to precise tolerances to ensure the springs are located properly. Available for 7 degree and 10 degree valve locks. (SET OF 16)

| Part # Spring |             | Spring Keeper |        | Valve     | Dimensions |       |         |  |
|---------------|-------------|---------------|--------|-----------|------------|-------|---------|--|
| rait #        | O.D         | Height        | Degree | Stem Size | Α          | В     | С       |  |
| 03-1000-16    | 1.250       | STD           | 7      | 11/32     | 1.245      | .865  | .680    |  |
| 03-1001-16    | 1.250       | +.050         | 7      | 11/32     | 1.245      | .865  | .680    |  |
| 03-1003-16    | 1.437/1.550 | STD           | 7      | 11/32     | 1.440      | 1.050 | .700    |  |
| 03-1002-16    | 1.437/1.550 | STD           | 10     | ALL       | 1.440      | 1.050 | .700    |  |
| 03-1005-16    | 1.437/1.550 | STD           | 7      | 3/8       | 1.440      | 1.050 | .700    |  |
| 03-1006-16    | 1.437/1.500 | STD           | 10     | ALL       | 1.400      | 1.060 | .690    |  |
| 03-1007-16    | 1.500/1.550 | +.100         | 10     | ALL       | 1.500      | 1.115 | .690    |  |
| 03-1008-16    | 1.550       | +.100         | 10     | ALL       | 1.500      | 1.105 | .710    |  |
| 03-1009-16    | 1.550       | +.100         | 10     | ALL       | 1.500      | 1.120 | .705    |  |
| 03-1010-16    | 1.437/1.550 | +.100         | 7      | 11/32     | 1.440      | 1.050 | .700    |  |
| 03-1011-16    | 1.055       | STD           | 7      | 8MM       | 1.030      | .640  | BEEHIVE |  |
| 03-1012-16    | .959        | STD           | 7      | STOCK     | .930       | .630  | BEEHIVE |  |
| 03-1013-16    | 1.055       | STD           | 7      | 11/32     | 1.030      | .640  | BEEHIVE |  |
| 03-1014-16    | 1.095       | STD           | 10     | All       | 1.050      | .640  | BEEHIVE |  |
| 03-1015-16*   | 1.055       | STD           | 7      | 8MM       | 1.030      | .640  | BEEHIVE |  |

<sup>\*</sup> Same as 03-1011 but I.D is machined for additional valve guide clearance













## **Valve lock Sets**

Our OEM style lock is stamped from premium materials and case hardened. Our premium performance locks are machined chrome moly steel and are recommended for severe duty applications with higher spring pressures.

( Sets of 32 )





| Part #      | Valve height            | Valve<br>Stem<br>Size | Lock<br>Angle | Lash<br>Cap<br>Recess | Material             |
|-------------|-------------------------|-----------------------|---------------|-----------------------|----------------------|
| 04-1000-32  | Stock Installed Height  | 11/32                 | 7 Degrees     | No                    | Stamped Steel        |
| 04-1001-32  | Stock Installed Height  | 11/32                 | 7 Degrees     | No                    | Machined Chrome Moly |
| 04-1008-32  | + .050 Installed Height | 11/32                 | 7 Degrees     | No                    | Machined Chrome Moly |
| 04-1009-32  | 050 Installed Height    | 11/32                 | 7 Degrees     | No                    | Machined Chrome Moly |
| 04-1002-32  | Stock Installed Height  | 11/32                 | 10 Degrees    | Yes                   | Machined Chrome Moly |
| 04-1003-32  | + .050 Installed Height | 11/32                 | 10 Degrees    | No                    | Machined Chrome Moly |
| 04-1004-32  | 050 Installed Height    | 11/32                 | 10 Degrees    | No                    | Machined Chrome Moly |
| 04-1005-32  | Stock Installed Height  | 3/8                   | 7 Degrees     | No                    | Machined Chrome Moly |
| 04-1010-32  | + .050 Installed Height | 3/8                   | 7 Degrees     | No                    | Machined Chrome Moly |
| 04-1011-32  | 050 Installed Height    | 3/8                   | 7 Degrees     | No                    | Machined Chrome Moly |
| 04-1006-32  | Stock Installed Height  | 3/8                   | 10 Degrees    | Yes                   | Machined Chrome Moly |
| 04-1007-32* | Stock Installed Height  | 8MM                   | 7 Degrees     | No                    | Machined Chrome Moly |

<sup>\*</sup> Bead Lock For Chevrolet LS Series

# **Lash Caps Sets**

In extreme performance and racing conditions, lash caps are necessary to protect the valve tip from pounding caused by an engine running on the edge of valve float. Lash caps must be used with titanium valves.





| Part #     | Description       | Overall head<br>Height | Thickness | Valve<br>stem Size |
|------------|-------------------|------------------------|-----------|--------------------|
| 04-1620-16 | Hardened Lash Cap | .230                   | .080      | 5/16               |
| 04-1621-16 | Hardened Lash Cap | .210                   | .080      | 11/32              |
| 04-1622-16 | Hardened Lash Cap | .190                   | .080      | 3/8                |







## **VALVE SPRINGS SETS**

All Engine Pro Valve Springs are manufactured using the highest quality materials. Our springs are inspected during the manufacturing process to ensure consistent dimensions and overall quality. Our Street / Race springs feature a high-tech chrome silicon alloy to help eliminate valve float, fatigue and tension loss. (Sets of 16)

|            | ,               |                     |                           |                         |             |
|------------|-----------------|---------------------|---------------------------|-------------------------|-------------|
| Part #     | Description     | Valve<br>Spring Dia | Seat Load<br>Valve Closed | Open load<br>Valve open | Max lift    |
| 02-1000-16 | Single W/damper | 1.250               | 80# @1.700                | 200#@ 1.250             | .450        |
| 02-1001-16 | Single W/damper | 1.250               | 110# @1.700               | 285#@ 1.210             | .500        |
| 02-1002-16 | Single W/damper | 1.250               | 110# @1.800               | 325# @ 1.200            | .600 @ 1.80 |
|            |                 |                     | 135# @1.750               | 325# @ 1.200            | .550 @ 1.75 |
| 02-1016-16 | Single W/damper | 1.255               | 130# @ 1.750              | 358# @ 1.250            | .650        |
| 02-1017-16 | Single W/damper | 1.437               | 115# @ 1.700              | 284# @ 1.200            | .605        |
| 02-1003-16 | Dual W/ damper  | 1.437               | 141# @ 1.750              | 335# @ 1.150            | .630        |
| 02-1004-16 | Dual W/ damper  | 1.437               | 135# @ 1.750              | 307# @ 1.150            | .640        |
| 02-1010-16 | Dual W/ damper  | 1.437               | 130# @ 1.700              | 372# @ 1.150            | .650        |
| 02-1018-16 | Single W/damper | 1.460               | 124# @ 1.800              | 293# @ 1.250            | .605        |
| 02-1011-16 | Dual W/ damper  | 1.460               | 127# @ 1.850              | 369# @ 1.250            | .655        |
| 02-1005-16 | Single W/damper | 1.476               | 109# @ 1.800              | 317# @ 1.300            | .600        |
| 02-1012-16 | Dual W/ damper  | 1.509               | 112# @ 1.900              | 355# @ 1.200            | .725        |
| 02-1007-16 | Single W/damper | 1.524               | 122# @ 1.900              | 308# @ 1.400            | .700        |
| 02-1008-16 | Dual W/ damper  | 1.539               | 204# @ 1.900              | 516# @ 1.250            | .675        |
| 02-1014-16 | Dual W/ damper  | 1.539               | 149# @ 1.900              | 328# @ 1.350            | .675        |
| 02-1015-16 | Dual W/ damper  | 1.539               | 138# @ 1.950              | 419# @ 1.350            | .725        |
| 02-1009-16 | Dual            | 1.550               | 240# @ 1.900              | 598# @ 1.250            | .750        |
|            |                 |                     |                           |                         |             |

## **CONICAL "BEEHIVE" VALVE SPRINGS**

| Part #     | Large | Spring Diameters<br>Large End Small End |       |      | Seat Load    | Open Load    | Max Lift |  |
|------------|-------|---|-------|------|--------------|--------------|----------|--|
|            | O.D   | I.D                                     | O.D   | I.D  | Valve Closed | Valve open   |          |  |
| 02-1200-16 | 1.061 | .738                                    | .959  | .636 | 80# @ 1.640  | 185# @ 1.090 | .550     |  |
| 02-1201-16 | 1.290 | .885                                    | 1.055 | .650 | 130# @ 1.800 | 318# @ 1.280 | .600     |  |
| 02-1202-16 | 1.445 | 1.000                                   | 1.095 | .650 | 155# @ 1.880 | 377# @ 1.280 | .600     |  |
| 02-1203-16 | 1.412 | 1.065                                   | 1.00  | .650 | 123# @ 1.750 | 284# @ 1.175 | .650     |  |







#### 4130 PUSH RODS

Our premium one-piece push rod is manufactured from extra thick, premium stainless tube for strength. Made in the USA with exacting attention to the small details that impact the performance of today's high load, high RPM engines.

| Length<br>(inch) | Part Number<br>5 / 16 Dia | Part Number<br>3 / 8 Dia |
|------------------|---------------------------|--------------------------|
| 6.250            | 581-6205                  |                          |
| 6.400            | 581-6400                  |                          |
| 6.800            | 581-6800                  |                          |
| 6.850            | 581-6850                  |                          |
| 6.900            | 581-6900                  |                          |
| 6.950            | 581-6950                  |                          |
| 7.000            | 581-7000                  |                          |
| 7.200            | 581-7200                  |                          |
| 7.250            | 581-7250                  |                          |
| 7.300            | 581-7300                  |                          |
| 7.350            | 581-7350                  |                          |
| 7.400            | 581-7400                  | 381-7400                 |
| 7.450            | 581-7450                  | 381-7450                 |
| 7.500            | 581-7500                  | 381-7500                 |
| 7.550            | 581-7550                  | 381-7550                 |
| 7.700            | 581-7700                  |                          |
| 7.750            | 581-7750                  | 381-7750                 |
| 7.800            | 581-7800                  | 381-7800                 |
| 7.850            | 581-7850                  | 381-7850                 |
| 7.900            | 581-7900                  | 381-7900                 |
| 7.950            | 581-7950                  | 381-7950                 |
| 8.000            | 581-8000                  | 381-8000                 |
| 8.050            | 581-8050                  |                          |
| 8.100            | 581-8100                  |                          |
| 8.150            | 581-8150                  |                          |

- 4130 Seamless .083" Wall Chrome Moly Tubing
- Carbon Nitride Treated to 60-62 Rockwell "C" Scale
- Ends Machined to Precise .156 Degree Radius
- Sets Matched within +/- .005 Overall Length
- One Piece Design

| Length | Part Number | Part Number |
|--------|-------------|-------------|
| (inch) | 5 / 16 Dia  | 3 / 8 Dia   |
| 8.200  | 581-8200    |             |
| 8.250  | 581-8250    |             |
| 8.280  |             | 381-8280    |
| 8.300  | 581-8300    |             |
| 8.330  |             | 381-8330    |
| 8.380  |             | 381-8380    |
| 8.400  | 581-8400    |             |
| 8.450  | 581-8450    |             |
| 8.500  | 581-8500    |             |
| 8.550  | 581-8550    |             |
| 8.600  | 581-8600    |             |
| 8.650  | 581-8650    |             |
| 8.675  |             | 381-8675    |
| 8.700  | 581-8700    |             |
| 8.725  |             | 381-8725    |
| 8.750  | 581-8750    | 381-8750    |
| 8.775  |             | 381-8775    |
| 8.800  | 581-8800    |             |
| 9.250  |             | 381-9250    |
| 9.300  |             | 381-9300    |
| 9.350  |             | 381-9350    |
| 9.650  |             | 381-9650    |
| 9.700  |             | 381-9700    |
| 9.750  |             | 381-9750    |







# **STAINLESS VALVES**

Engine Pro Performance Stainless Valves feature superior design engineering and enhanced product features. Our valves are manufactured to exacting standards and from only the highest quality materials.

- Undercut Stem
- Fully Machined
- Hardened Tip
- One Piece Forging
- Stainless Steel Alloy
- Hard Chrome Plated Stem



| Part # Packs of 8           | Туре | Head<br>Diameter | Stem<br>Diameter | Installed<br>Height | Overall<br>Length | Tip<br>Length |
|-----------------------------|------|------------------|------------------|---------------------|-------------------|---------------|
| Chevrolet Small Block       |      |                  |                  |                     |                   |               |
| 01-1001-8                   | EXH  | 1.600            | 11/32"           | STOCK               | 4.910             | .250          |
| 01-1001.100-8               | EXH  | 1.600            | 11/32"           | +.100               | 5.010             | .250          |
| 01-1003-8                   | INT  | 2.020            | 11/32"           | STOCK               | 4.910             | .250          |
| 01-1003.100-8               | INT  | 2.020            | 11/32"           | +.100               | 5.010             | .250          |
| 01-1007-8                   | INT  | 2.055            | 11/32"           | STOCK               | 4.910             | .250          |
| 01-1007.100-8               | INT  | 2.055            | 11/32"           | +.100               | 5.010             | .250          |
| 01-1008-8                   | INT  | 2.080            | 11/32"           | STOCK               | 4.910             | .250          |
| 01-1008.100-8               | INT  | 2.080            | 11/32"           | +.100               | 5.010             | .250          |
| Chevrolet Big Block         |      |                  |                  |                     |                   |               |
| 01-1011-8                   | EXH  | 1.720            | 3/8"             | STOCK               | 5.352             | .250          |
| 01-1004-8                   | EXH  | 1.880            | 3/8"             | STOCK               | 5.352             | .250          |
| 01-1010-8                   | INT  | 2.190            | 3/8"             | STOCK               | 5.228             | .250          |
| 01-1005-8                   | INT  | 2.190            | 3/8"             | STOCK               | 5.225             | .250          |
| Ford Cleveland<br>Big Block |      |                  | Single           | Groove              |                   |               |
| 01-1108-8                   | EXH  | 1.710            | 11/32"           |                     | 5.060             | .250          |
| 01-1109-8                   | EXH  | 1.760            | 11/32"           |                     | 5.060             | .250          |
| 01-1115.100-8               | INT  | 2.190            | 11/32"           |                     | 5.300<br>(+.075)  | .250          |
| 01-1107.50-8                | INT  | 2.250            | 11/32"           |                     | 5.271<br>(+.050)  | .250          |







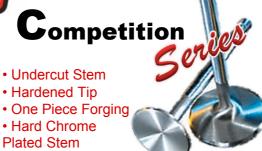
# **STAINLESS VALVES**

Out perform the competition with these superior stainless one-piece valves. Our Competition Series Valves feature 21-4N stainless alloy, hard wafer tip, chromed stem, full undercut and swirl polished for optimum flow.

High Strength Stainless Alloy (21-4N)

· Swirl Polished for Improved Flow Characteristics

- Hardened Tip
- Plated Stem



| Part # Packs of 8     | Туре | Head<br>Diameter | Stem<br>Diameter | Installed<br>Height | Overall<br>Length | Tip<br>Length |
|-----------------------|------|------------------|------------------|---------------------|-------------------|---------------|
| Chevrolet Small Block |      |                  |                  |                     |                   |               |
| 01-2001-8             | EXH  | 1.600            | 11/32"           | STOCK               | 4.910             | .250          |
| 01-2001.050-8         | EXH  | 1.600            | 11/32"           | +.050               | 4.960             | .250          |
| 01-2001.100-8         | EXH  | 1.600            | 11/32"           | +.100               | 5.010             | .250          |
| 01-2001.150-8         | EXH  | 1.600            | 11/32"           | +.150               | 5.551             | .250          |
| 01-2003-8             | INT  | 2.020            | 11/32"           | STOCK               | 4.910             | .250          |
| 01-2003.050-8         | INT  | 2.020            | 11/32"           | +.050               | 4.960             | .250          |
| 01-2003.100-8         | INT  | 2.020            | 11/32"           | +.100               | 5.010             | .250          |
| 01-2007.100-8         | INT  | 2.055            | 11/32"           | +.100               | 5.010             | .250          |
| 01-2007.150-8         | INT  | 2.055            | 11/32"           | +.150               | 5.551             | .250          |
| 01-2008.100-8         | INT  | 2.080            | 11/32"           | +.100               | 5.010             | .250          |
| 01-2008.150-8         | INT  | 2.080            | 11/32"           | +.150               | 5.551             | .250          |
| Chevrolet Big Block   |      |                  |                  |                     |                   |               |
| 01-2004-8             | EXH  | 1.880            | 3/8"             | STOCK               | 5.352             | .250          |
| 01-2014.100-8         | EXH  | 1.880            | 11/32"           | +.100               | 5.452             | .250          |
| 01-2014.150-8         | EXH  | 1.880            | 11/32"           | +.150               | 5.471             | .250          |
| 01-2005-8             | INT  | 2.190            | 3/8"             | STOCK               | 5.228             | .250          |
| 01-2012.250-8         | INT  | 2.250            | 11/32"           | +.250               | 5.478             | .250          |
| 01-2013.250-8         | INT  | 2.300            | 11.32"           | +.250               | 5.478             | .250          |
| LS Chevy - Bead Lock  |      |                  |                  |                     |                   |               |
| 01-2204-8             | EXH  | 1.550            | .313             | STOCK               | 4.915             | .160          |
| 01-2200-8             | EXH  | 1.570            | .313             | STOCK               | 4.915             | .160          |
| 01-2201-8             | EXH  | 1.600            | .313             | STOCK               | 4.915             | .160          |
| 01-2202-8             | INT  | 2.020            | .314             | STOCK               | 4.900             | .160          |







# **Performance Nitro Black Valves**

- 21-4N High Strength Stainless Alloy
- Swirl Polished for Improved Flow Characteristics
- Fully Undercut Stem
- · Hard Wafer Tip
- · One Piece Forging
- Proprietary Liquid Nitriding Process that Creates a Valve that is Smoother, Stronger and More Corrosion Resistant than Traditional Chromed Valves
- Deep Nitriding Provides Better Ductility Under the Hard Nitrided Layer as Proven in Rotating-Bending Fatigue Tests
- Valve is Less Likely to Break Even if Contacted by the Piston
- Greater Surface Hardness Means Less Valve Guide Wear
- Improved Corrosion Resistance even with Exotic Fuels
- Our Nitriding Process is Much Cleaner than Chroming- it's Better for the Environment

| Part # Packs of 8     | Туре | Head<br>Diameter | Stem<br>Diameter | Installed<br>Height | Overall<br>Length | Tip<br>Length |
|-----------------------|------|------------------|------------------|---------------------|-------------------|---------------|
| Chevrolet Small Block |      |                  |                  |                     |                   |               |
| 01-3001-8             | EXH  | 1.600            | 11/32"           | STOCK               | 4.910             | .250          |
| 01-3001.100-8         | EXH  | 1.600            | 11/32"           | +.100               | 5.010             | .250          |
| 01-3003-8             | INT  | 2.020            | 11/32"           | STOCK               | 4.910             | .250          |
| 01-3003.100-8         | INT  | 2.020            | 11/32"           | +.100               | 5.010             | .250          |
| 01-3007.100-8         | INT  | 2.055            | 11/32"           | +.100               | 5.010             | .250          |
| 01-3008.100-8         | INT  | 2.080            | 11/32"           | +.100               | 5.010             | .250          |
| Chevrolet Big Block   |      |                  |                  |                     |                   |               |
| 01-3004-8             | EXH  | 1.880            | 3/8"             | STOCK               | 5.352             | .250          |
| 013014.100-8          | EXH  | 1.880            | 11/32"           | +.100               | 5.452             | .250          |
| 01-3005-8             | INT  | 2.190            | 3/8"             | STOCK               | 5.228             | .250          |
| 01-3012.250-8         | INT  | 2.250            | 11/32"           | +.250               | 5.478             | .250          |
| 01-3013.250-8         | INT  | 2.300            | 11/32"           | +.250               | 5.478             | .250          |
| LS Chevy - Bead Lock  |      |                  |                  |                     |                   |               |
| 01-3200-8             | EXH  | 1.570            | .313             | STOCK               | 4.890             | .160          |
| 01-3201-8             | EXH  | 1.600            | .313             | STOCK               | 4.890             | .160          |
| 01-3202-8             | INT  | 2.020            | .314             | STOCK               | 4.880             | .160          |
| 01-3206-8             | INT  | 2.041            | .314             | STOCK               | 4.880             | .160          |
| 01-3207-8             | INT  | 2.055            | .314             | STOCK               | 4.880             | .160          |

