

POWERBOND Balancers

Harmonic balancers, crankshaft dampers, no matter what you call them, balancers are more than a hunk of steel on the end of your balancer. Correct damping of crankshaft vibrations, or harmonics, improves the life of your engine bearings, crankshaft and connecting rods. PowerBond dampers address crankshaft harmonics and withstand race level RPMs with bonded elastomer that withstands up to 10 times more force than OE style balancers.



POWERBOND STREET SERIES BALANCERS

PowerBond brings two improvements to balancer construction to the street market. First, every PowerBond balancer features pressure bound elastomer, the material that binds the inner and outer rings. The result is better ring bonding and resistance to ring dislocation. Secondly, the Street Series balancer is manufactured of Nodular Iron, this material is superior to commonly used grey iron and is far less inclined to crack. PowerBond Street, race heritage quality in a street balancer

SFI APPROVED HARMONIC BALANCERS

Get the PowerBond advantage for your high revving engine. The SFI approved Race Series balancer begins with a forged strength hub for superior strength which is then power bonded to a billet steel inertia ring. The result is a lighter weight than most other all steel balancers, yet capable of providing engine protection at very high RPM levels. Every model has easy to read computer etched timing marks.



APPLICATION	DIAMETER	BALANCE	RACE PART #	STREET PART #
CHEVROLET				
SB Chevrolet 283-350	6.75	Internal	PB2221-SS	PB2221-ST
SB Chevrolet 283-350	7	Internal	PB1161-SS	
SB Chevrolet 283-350	8	Internal	PB1046-SS	PB1046-ST
SB Chevrolet 283-307, Lightweight	6.1	Internal	PB1012-SS	PB1012-ST
SB Chevrolet 283-307, w/BB Crank snout	6.1	Internal	PB1160-SS	
SB Chevrolet 400	8	External	PB1050-SS	PB1050-ST
SB Chevrolet 400, Lightweight	7	External	PB1118-SS	
SB Chevrolet 5.7L LT1 Camaro/Firebird Serpentine	6.75	Internal	PB1481-SS	PB1481-ST
SB Chevrolet 5.7L LS1 Camaro/Firebird Serpentine	7.5	Internal	PB1480-SS	PB1480-ST
SB Chevrolet 5.7L LS1 Corvette Serpentine	7.5	Internal	PB1117-SS	
BB Chevrolet 396-427	8	Internal	PB1211-SS	PB1211-ST
BB Chevrolet 454	8	External	PB1018-SS	PB1018-ST
BB Chevrolet 454, Lightweight	7	Internal	PB1019-SS	PB1019-ST
CHRYSLER				
SB Chrysler 318-340	7.11	Internal	PB1004-SS	PB1004-ST
SB Chrysler 360	7.26	External	PB1108-SS	PB1108-ST
BB Chrysler 440	7.24	Internal	PB1112-SS	PB1112-ST
FORD				
4.6L Modular, Mustang/Crown Vic	6.75	Internal	PB1478-SS	PB1478-ST
SB Ford 302-351W, 4 bolt, raised Pulley 28oz	6.5	External	PB1060-SS	PB1060-ST
SB Ford 302 EFI 82-95, 4 bolt 50oz	6.4	External	PB1084-SS	PB1084-ST
SB Ford 302-351W, 4 bolt, Lightweight	6.4	Internal	PB1086-SS	PB1086-ST
SB Ford 302-351W, 3 bolt, 28 oz	6.5	External	PB1203-SS	PB1203-ST
SB Ford 302-351W, 3 bolt, Lightweight	6.5	Internal	PB1479-SS	PB1479-ST
Ford 302-351W, 351C	6.5	External	PB1082-SS	PB1082-ST
5.4L Mustang Serpentine Belt	7.05	Internal		PB1116-ST
BB Ford 429-460	6.62	Internal	PB1210-SS	PB1210-ST
BB Ford "FE" 332-428	7	Internal	PB1111-SS	PB1111-ST
PONTIAC				
Pontiac 287-455	6.79	Internal	PB1056-SS	PB1056-ST

UNDERDRIVE HARMONIC BALANCERS

Late model serpentine belt application place more load demands on the balancer, making PowerBond's strength even more desirable. For several serpentine belt applications PowerBond produces 10 and 25% underdriven pulleys. These are ideal for applications where engine RPMs will be higher than generally found in stock use, and reduce the parasitic drag on the engine.

APPLICATION	UNDERDRIVE	DIAMETER	BALANCE	PART #
SB Chevy 5.7L LS1 Camaro/Firebird Serpentine	10%	6.75	Internal	PBU1480-SS10
SB Chevy 5.7L LS1 Camaro/Firebird Serpentine	25%	6.75	Internal	PBU1480-SS25
SB Chevy 5.7L LS6/LS2 Corvette Serpentine	10%	6.75	Internal	PBU1117-SS10
SB Chevrolet 5.7L LS6/LS2 Corvette Serpentine	25%	6.75	Internal	PBU1117-SS25
SB Chevrolet 5.7L LT1 Camaro/Firebird Serpentine	10%	6.75	Internal	PB1481-SS10



Some parts are not legal for sale or use in California on any pollution controlled motor vehicle.

**Professional
Products®**

POWERFORCE Harmonic Dampers

PowerForce High Performance Street Dampers and PowerForce+Plus SFI-Spec Racing Dampers are high quality products at truly bargain prices. Yes, you can pay less but you can expect a big drop in quality. The Professional Products damper lines are among the most accurately balanced and machined dampers in the industry. These dampers are packed with plenty of features. Check the list below.

POWERFORCE DAMPERS

The PowerForce line of dampers is intended for non-race applications. These quality dampers feature:

- More accurate crank bore, runout and balance than OE replacement balancers
- Utilize bolt in counterweights for more application flexibility
- Easy to read white painted timing marks
- Produced from nodular iron and machined to close tolerances

Not intended for applications where RPMs will exceed 6500 rpm

Not recommended for marine or circle track applications



POWERFORCE+PLUS DAMPERS

The PowerForce+Plus line of harmonic dampers is intended for racing applications or high performance street use. Features include:

- Meets SFI #18-1 specification which means they are accepted by race sanctioning bodies
- Made from high strength 1045 steel
- High temperature elastomer is super compressed for additional integrity
- Tuned for most effective dampening at high RPM range of 6,500 to 7,500 rpm.
- Can be safely revved to over 10,000 rpm
- Easy to read white painted timing marks



Application	Diameter	PowerForce Part No.	PowerForce Polished SS	PowerForce+ Plus Part No.
AMC V8 360 1974 - '96 (Will not fit Mopar 360)	6.7"	80101		90101
Chevy SB 350 - Lightweight	6"	80010 ²		90010
Chevy SB 350	6-3/4"	80000	82000	90000
Chevy SB 400	6-3/4"	80001	82001	90001
Chevy SB 350	8"	80002		90002
Chevy SB 400	8"	80003		90003
Chevy BB 396/427 - Lightweight	7.6"	80036		90036
Chevy BB 396/427	8"	80004		90004
Chevy BB 454/502 - Lightweight	7.6"	80037		90037
Chevy BB 454/502	8"	80005		90005
Chevy LT-1 Corvette, Camaro, Firebird, Impala, Caprice, Roadmaster	7.5"	80030		90030
Chevy LS-1 Camaro, Firebird	7.5"	80032		90032
Chevy LS-1, LS-6 Corvette	7.5"	80033		90033
Chevy L92 Truck & SUV	7.7"	80034		90034
Chrysler Hemi 5.7L	6.8"	80014		90014
Chrysler Hemi 6.1L	7.4"	80015		90015
Chrysler SB 318/340/360 ⁴	7.3"	80012 ⁴		90012 ⁴
Chrysler BB 383/400/413/426/440	7.3"	80013 ⁵		90013 ⁵
Ford SB - Early (28 in.oz.) Some applications require spacer	6.4"	80006	82006	90006
Ford SB - Late (50 in. oz.) Requires 81007 Spacer	6.4"	80007	82007	90007
Ford BB 429-460	6.7"	80008		90008
Ford BB FE 352/390/406/427/428 ¹	7.5"	80009 ¹		90009 ¹
Ford 4.6L Modular V8 ³	6.8"	80011 ³		90011 ³
Ford 4.6L 3V '05-later	7.5"	80040		90040
Ford SB .350" Thick Spacer ('79 & earlier 351W)		81006		81006
Ford SB .950" Thick Spacer ('80 & later 302/351W/5.0L)		81007		81007
Ford SB .875" Thick Spacer ('80 & later 302/351W/5.0L)		81008		81008
Oldsmobile V8 350/400/403/425/455	6.5"	80022		90022
Pontiac V8 1961-'79	6.9"	80020		90020

All 90000 Series Dampers meet SFI Spec. #18-1

1. Fits all FE engines

2. The 80010 and all 90000 Series dampers are made of 1045 steel. All other 80000 Series dampers are nodular iron.

3. Damper fits both 2V and 4V engines. Note: Due to diameter differences the accessories on a 4V engine will turn 3% slower than stock.

4. This is a neutral balance damper that comes with several different bolt-in c'weights for various styles of engines. Fits all SB engines.

5. This is a neutral balance damper that comes with several different bolt-in c'weights and extra TDC marks. Fits all BB engines. Requires 81013 Spacer to fit 426 Street or Race Hemi.

6. This is a universal type damper for these engines that is intended primarily for racing applications. It has one Poly-V pulley for alternator.

Oiling and Engine

The Mr. Gasket brand provides a variety of performance and racing products for all parts of your vehicle including: carburetor and fuel accessories, chrome-plated accessories, cooling system accessories, engine components, ignition and electrical accessories, shifter accessories, specialty tools and suspension and driveline components.



OIL FILTER CONVERSION KIT

Converts the bolt-on can type oil filter to a full flow easy spin on oil filter. Must use with original bypass valve, o-ring and hardware included. Uses these filters: Fram PH13, Wix 51069, AC Delco PF-25 or PF-35

Part No. 1270 Chevy '57-'67 Small Block & '65-'67 Big Block



ALUMINUM PIPE PLUGS

These hard-to-find aluminum pipe plugs are blue anodized and incorporate a countersunk head, providing a neat, clean appearance. Ideal for intake manifold use.



DESCRIPTION

3/8" NPT hex head 4/set
1/2" NPT square head 2/set

PART NO.

6352
6353

PRECISION TIMING TAPE

A convenient way to avoid the expense of having the harmonic balancer degreed. Timing tapes are precisely accurate in calibration. Designed for timing high performance engines for increased performance and setting valve lash at the proper timing.

APPLICATION

Chevrolet

6" dia. '57-69 283-302-307-327-350	1592
6 3/4" dia. 283-400	1588
7" dia. '65-69 396-427, '70 400 SB	1589
8" dia. '70-73 396-427-454, '65-68 327 hi-perf, '70-73 350	1591

Ford

6 3/8" dia. 289-302-351	1594
7" dia. 390-427-428-429	1595

Mopar

7 1/4" dia. all 383 through 440	1593
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HARMONIC BALANCER BOLT KIT

Grade 8 & heat treated for strength, includes extra thick parallel ground washer. Gold tone finish.

APPLICATION

Chevy 283-400, 7/16"-20 x 2-1/4"
Chevy 396-454, 1/2"-20 x 1-1/2"

PART NO.

945G
946G



OIL PUMP STUD KIT

This black chromemoly steel bolt resists damage done by repeated replacement of the oil pump.

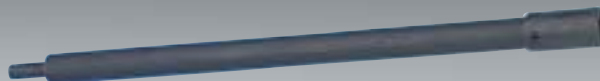
Part No. 7825 Chevy SB & BB, 90° V6 (standard & hi-volume)



ENGINE OIL PRIMER

Priming the engine is an important precautionary measure that should be taken before you start the engine for the first time. Engineered to fit into the distributor aperture and operate with an electric hand drill, the engine oil primer pressurizes the oil system, assuring the lubrication of vital bearing surfaces.

Part No. 3795G Chevy V8 & 6 cyl., Pontiac V8

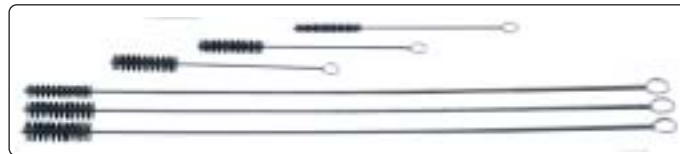


DELUXE ENGINE CLEANING BRUSH KITS

Serious engine builders & backyard mechanics need these special length brushes to properly clean all the holes and passages found in most engines. Includes 6 brushes; 5/16", 1/2" and 5/8" OD x 9" OAL & 1/2", 5/8" and 3/4" OD x 25" OAL.

Part No. 5189 6 Brush Set

Part No. 1211 3 Brush Set - Short Brushes Only



OIL FILTER ADAPTER

This adapter mounts a spin-on cartridge oil filter to Chevrolet Small Block and Big Block V8 1968-86 engine blocks. It incorporates a filter bypass valve and includes mounting gasket and hardware. Equivalent to original equipment GM oil filter adapter.

Part No. 1272



REMOTE OIL FILTER SYSTEM

This kit relocates the oil filter for quick, clean & easy access and increased filtering. It is complete with precision die cast aluminum by-pass, filter brackets and all high pressure connectors.

DESCRIPTION

Chevy 68-95 V8*
Ford 57-95 V8*
Chrysler 60-95 V8*

PART NO.

7680
7682
7682

