

Starters & Alternators

Proform revolutionized the race marketplace by making high performance starters affordable to everyone. Every Proform starter is 100% new and provides higher torque in a compact weight saving size that clears headers and oil pans better than stock units. Proform alternators make higher amperage and one-wire installation convenience affordable too.



15:1 Compression Ratio

HEAVY-DUTY STARTER

High-torque, gear-reduction design. 100% NEW, not rebuilt. Offset design results in more clearance between the oil pan and the starter, and can be rotated for additional chassis clearance. Motor spins the engine over faster than stock starters, delivering 40-50% more cranking power. Approved by all leading sanctioning organizations.

Part No. 141-684



18:1 Compression Ratio

HIGH COMPRESSION STARTERS

For engines with monster cubic inches or compression ratios, these 100% NEW starters challenge the specifications, durability, and reliability of anything on the market. Built from scratch with all-new components, the torque rating is a healthy 4.41:1 gear reduction, capable of cranking engines up to a whopping 18:1 compression.



DESCRIPTION

PART NO.

Chevy SB/BB V8, 153-Tooth Flywheel	67051
Chevy SB/BB V8, 168-Tooth Flywheel	67050
Chevy SB/BB V8, Staggered Mount, with 168-Tooth Flywheel	67052

11:1 Compression Ratio



STARTERS

High-torque, gear-reduction design. 100% NEW, not rebuilt. Offset design results in more clearance between the oil pan and the starter, and can be rotated for additional chassis clearance. The high-torque, high-output motor spins the engine over faster than stock starters, delivering 40-50% more cranking power. 3.75-to-1 sealed gear-reduction drive and full ball bearing construction. Includes shims to set pinion-gear engagement (when necessary). Approved by all leading sanctioning organizations.

DESCRIPTION

PART NO.

Chevy V6 and SB/BB V8, 153/168 Tooth Flywheels, 12V 1.4 KW Motor	66256
Chevy V6 and SB/BB V8, 153 or 168 Tooth Flywheels, Heavy Duty 12V 2.0 KW Motor 1-1/2 LBS. Heavier & 1" Longer than 66256	66258
Chevy V6 and SB/BB V8, 153 or 168 Tooth Flywheels, Chrome, 12V 1.4 KW Motor	66259
Chrysler Lightweight V6 & V8	66269
Ford SB/BB V8, and 221-351 SB V8, 1.4 KW Motor, Auto Trans.	66270
Ford SB/BB V8, and 221-351 SB V8, 1.4 KW Motor, Std. Trans.	66271
Pontiac and Olds, 12V 1.4 KW Motor	66257

CHROME BOWTIE ALTERNATORS

It is now possible to obtain four sought-after and popular features in one alternator! 100% NEW with absolutely no re-built components. Assured quality machined pulley. And the popular Chevy Bowtie Emblem in red. Each unit is supplied with its own individual Quality Assurance graph documenting its operating performance. For a new level of functionality, insist on these 100% new Bowtie alternators!



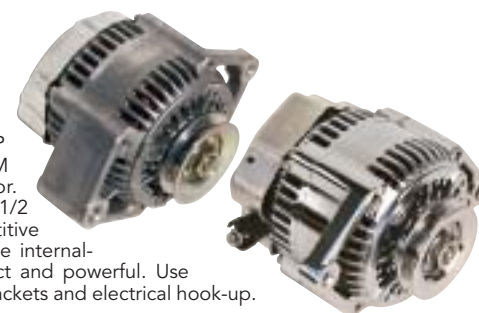
DESCRIPTION

PART NO.

73-86 GM with Internal Regulator	141-656
GM 1-Wire, 100 Amp	141-657
GM 1-Wire, 60 Amp	141-658
GM 1-Wire, 80 Amp	141-659
GM 1-Wire, 120 Amp	141-660

100 AMP ALTERNATORS

100% New 100 AMP GM alternator. GM internal regulator. Available for about 1/2 the cost of competitive models, these reliable internal-fan units are compact and powerful. Use existing mounting brackets and electrical hook-up.



DESCRIPTION

PART NO.

GM Internal Alternator - Mini Alt.	66438
Chrome version of above model	66439

100% NEW CHROME 1-WIRE ALTERNATORS

A manufacturing break-through has enabled PROFORM to offer 100% NEW alternators with the same affordability as our popular re-built models! Each unit is supplied with its own individual Quality Assurance graph documenting its performance.



DESCRIPTION

PART NO.

73-86 GM Internal Regulator	66445N
GM 100 Amp, 1-wire	66445.1N
GM 80 Amp, 1-wire	66445.8N
GM 140 Amp, 1-wire	66445.14N
GM 120 Amp, 1-wire	66445.12N

10:1 Compression Ratio

HI-TORQUE GM PERMANENT MAGNET STARTERS

DESCRIPTION

PART NO.

Staggered Bolt Pattern	66268
Chevy SB/BB, 12 adjusting positions	66272





Alternators

Powermaster offers a wide variety of alternators for all forms of performance vehicles ...from Street Rods and Muscle Cars, Race Cars, Restoration and Sport Compact. Powermaster is the leader in cutting edge performance and appearance for every automotive enthusiast.

HOT ROD ALTERNATORS



- 70 Amps at idle - 40% more than most other 100 amp alternators
- 80 Amps idle for 140A
- One or three-wire operation
- Complete w/fan & pulley and gold battery post
- Available in chrome, polished or natural finish



APPLICATION	PART NO.
GM/Chevy 80A, Chrome	17127
GM/Chevy 100A, Chrome	17294
GM/Chevy 100A, Polished	27294
GM/Chevy 140A, Chrome	37293
67-85 Camaro, 64-79 Chevelle/Nova	
70-88 Monte Carlo/Malibu, Natural, 140A	47294
Buick 84-85 Grand National, 3.8L Chrome 140A	37294
Buick 84-85 Grand National, 3.8L Natural 140A	47294
Ford 65-77 Comet, 67-85 Cougar, 65-85 Mustang	
Thunderbird 65-85 Black, 140A	8-57140
Olds/Pontiac 63-87 Cutlass, 67-85 Firebird	
61-81 Lemans/Tempest/GTO, Chrome, 140A	37294

FORD CHROME ALTERNATORS

Comes complete w/ Chrome fan & V-Belt Pulley

APPLICATION	PART NO.
60A '65-'85 Mustang (Ext. Regulated)	17078
100A '66-'93 5.0L (Int. Regulated)	8-37100
140A '86-'93 Mustang (w/8 AWG wire)	8-37140



HI AMP ALTERNATORS Most Popular GM Upgrade

APPLICATIONS:

*2000-'04 C, K Pickup, Silverado, Sierra, Tahoe, Yukon, Suburban, Denali, Escalade, Avalanche

*2001-'03 Astro Van, Safari, S/T-10 Pickup w/4.3L

Part No. 48202 Natural, 200/125 Amp

Part No. 58202 Black, 200/125 Amp



APPLICATIONS:

*1996-'99 C, K Pickup, Silverado, Sierra, Tahoe, Yukon, Suburban, Denali, Escalade, Avalanche

*1994-'00 Astro Van, Safari, S-10 Pickup & Blazer w/4.3L

1988-'95 C, K Blazer (fullsize), Suburban, Tahoe (ex. 7.4L)

Yukon all except '88-'93 7.4L

1987-'93 Astro Van, Safari, S/T-10 Pickup 2.5/2.6/4.3L

Part No. 38203 Chrome, 200/125 Amp

Part No. 48203 Natural, 200/125 Amp

Part No. 58203 Black, 200/125 Amp

* Requires Wire Harness #160



RACING ALTERNATORS

APPLICATION	PART NO.
Denso Mini 50A, One Wire, Black	8162
Denso Mini 50A, Jumper Wire	8172
Mini 70A, One Wire, Natural	8060
Mini 100A, One Wire, 3-bolt	8072
Mini 100A, One Wire	8062



82011



282021

POWERGEN for GM and FORD

Now available for GM up to 1964, Ford swingmount, and Ford 1949 and up Flatheads. Generator looks with the power and reliability of an alternator. 75A output.

DESCRIPTION	PART NO.
Black Ford Flatheads, 39-48	82011
Black Ford Flatheads, 49-53	82021
Black Ford offset left hinge mount 51-59 all, 60-64 V8 only	82101
Black GM up to 64-long (without Generator mounted P/S pump)	82051
Polished Ford Flatheads, 39-48	282011
Polished Ford Flatheads, 49-53	282021
Polished Ford offset left hinge mount 51-59 all, 60-64 V8 only	282101
Polished GM up to 64-long (without Generator mounted P/S pump)	282051
Chrome GM up to 64-long (without Generator mounted P/S pump)	182051
Chrome GM up to 64-short	182111

CHRYSLER ALTERNATOR

- Double fields
- Heavy duty diodes
- Gold battery post
- Proof of Performance Tag
- Smooth back



DESCRIPTION	PART NO.
Chrome, 75/50 Amp w/Double Pulley	17509
Chrome, 75/50 Amp w/Single V-Belt Pulley	17519



DELCO "SMOOTH LOOK" CS130 ALTERNATORS

- Excellent output at idle
- Internal and external fans
- Highly efficient
- Highest output small case Delco
- Gold battery post
- Proof of Performance Tag
- Smooth back



APPLICATION	PART NO.
Straight Mount	
Chrome 140A with V-belt & Serpentine Pulleys, One Wire	378021
Chrome 105A with V-belt & Serpentine Pulleys	17802
Chrome 105A with V-belt & Serpentine Pulleys, One Wire	178021
Left Mount	
Natural 140A, One Wire	478611
Natural 140A	47861
Chrome 140A with V-belt & Serpentine Pulleys	37861
Chrome 140A with V-belt & Serpentine Pulleys, One Wire	378611

Starters

Powermaster offers a wide variety of starters for all forms of performance vehicles ...from Street Rods and Muscle Cars, Race Cars, Restoration and Sport Compact. Powermaster is the leader in cutting edge performance and appearance for every automotive enthusiast.



XS TORQUE STARTERS 200 Ft Lb Starters

Most applications feature 360 degree Infi-Clock adjustability.



4.4:1 gear reduction ratio. Cranking power for up to 18:1 compression. Weight: 8.0 lbs. Internal solenoid design resists heat soak. Recommended for street or racing use, including daily drivers.

DESCRIPTION

PART NO.

Chevy 168 Tooth Flywheel	9500
Chevy 168 Tooth Flywheel, Straight or Staggered	9526
Chevy 153 Tooth Flywheel	9502
Chevy/Pontiac LS Engines	9509
Ford 289, 302, 351W A/T and 5 Speed M/T, 3/4" Offset	9503
Ford 289, 302, 351W, 3/8" Offset*	9504
Ford 351M, 400, 429, 460	9505
Ford 390, 427, 428 "FE" Only	9506
Oldsmobile	9510
Pontiac V-8	9536
Mopar V8	9513
Bert/Brinn Trans.	9514

MASTERTORQUE STARTERS 180 Ft Lb Starters



Most applications feature 360 degree Infi-Clock adjustability.



DESCRIPTION

PART NO.

Chevy 153/168 tooth flywheel	9600
Ford 289, 302, 351 A/T & 5-speed M/T	9603
Ford 351M, 400, 429, 460	9605
Ford 390, 427, 428 "FE" Only	9606
Pontiac/Oldsmobile	9610
Chevy Three Bolt Staggered	9612
Mopar V-8	9613

POWERMAX STARTERS 160 Ft Lb Starters



A fine choice for your slightly modified or daily driver that has stock compression and timing. 4.4:1 gear reduction ratio. Cranking power for up to 10:1 compression. Weight: 7.5-8.5 lbs. depending on unit.



DESCRIPTION

PART NO.

Chevy 153/168 tooth flywheel	9100
Chevy 168 tooth Straight or Staggered Bolt	9200
Chevy 153 tooth flywheel	9202
Ford 289, 302, 351 A/T & 5-speed M/T, 3/4" offset	9162
Ford 289, 302, 351 3/8" offset	9172

XS POWER™ LITHIUM POWERPACK

The Lithium Powerpack using Lithium Ion Phosphate technology is the ultimate battery on more than one level. This technology is known for its massive power to size ratio (specific energy) as well as rapid charge and discharge rates.

Lr Series - provides an ultra light weight solution for total loss (no alternator) race applications.

Li Series - Designed for those using alternators.

DESCRIPTION

PART NO.

Adjustable Voltage, 6 lbs 5 oz	Lr48
Adjustable Voltage, 12 lbs 4 oz	Lr96
12V, 4 lbs	Li24
12V, 4 lbs 6 oz	Li28
12V, 4 lbs 12 oz	Li32

NEW!



XS POWER™ AGM BATTERIES

The XS Power Cell, is a non-spillable lead acid AGM battery design. AGM, or "Absorbed Glass Mat" is a new technology where the electrolyte is suspended in an absorbant fiberglass material, eliminating the need to 'flood' the battery with water. XS POWER batteries are spillproof, and vibration resistant while having ultra low internal resistance. The cranking power of XS Power AGM batteries can be two to three times the power of a flooded battery of equal size. This makes XS Power the ideal battery for race cars, street rods, and daily drivers. XS Power "S" batteries come SAE post terminals, bolts and a protective metal case.



Part #	Weight	Length x Width x Height	MAX Amp	RC Min.	CA @ 32°F	Tray #
S-Series Starting Batteries						
S680	16.62 lbs.	7.28 x 3.19 x 6.67	1000A	30	300	515
S925	26.83 lbs.	6.65 x 7.08 x 5.07	2400A	55	550	525, 527*
S975	29.1 lbs.	7.83 x 5.3 x 6.67	1600A	60	500	535
S1200	36.23 lbs.	7.97 x 6.73 x 6.79	2000A	75	725	545
S1000 (16V)	33.07 lbs.	10.24 x 6.4 x 7.2	1650A	50	500	----
S3400	48.66 lbs.	10.25 x 6.88 x 7.05	2000A	76	925	570

D-Series Deep Cycle Batteries

D1000 (16V)	46.50 lbs.	10.24 x 6.4 x 7.2	2400A	84	675	----
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*527 is GM direct mount adapter kit

Note - To convert S975-S3400 batteries to side post requires the purchase of 551 I-Bar side post adapter.

XS POWER™ 12/16V intelliCHARGER

- Dual voltage levels: compatible with 12/16V
- Three charging modes: compatible with all lead acid battery types AGM/Gel, Deep cycle and Maintenance Free
- 25A Max output
- Three charging levels: 2A, 15A and 25A
- LED indicators and AMP gauge
- Six feet of heavy duty cable



DESCRIPTION

PART NO.

12V/16V Compatible, 25A Max, Three Stage	1005
16V Compatible, 20A Max, Two Charging Modes	1004



Performance Starters & Alternators

HITACHI STYLE RACING STARTERS

Get 50% more starting power than stock starters in a lightweight package with these mini-starters. Smaller body and solenoid dimensions mean that this starter will clear the ground, oil pan, and headers more easily than stock starters without compromising starting power. Suitable for engines with compression ratios up to 12.5:1.



DESCRIPTION	PART NO.
Chevy Hitachi style mini starter	121140
Chevy Chrome Hitachi style mini starter	121141
Long 2.0 KW Chevy 153T & 168T, Hitachi style mini starter	121200
Ford A/T and M/T 5-spd, 74-up, Hitachi style mini starter	121150
Ford SB 3 and 4 spd., Hitachi style mini starter	121151
Ford BB 429-460, Hitachi style mini starter	121152
Ford FE, Hitachi style mini starter	121153
Pontiac/Olds, Hitachi style mini starter	121148
Chevy Staggered 168T, Hitachi style mini starter	121142
Chevy Staggered 168T, permanent magnet starter	121440
Ford A/T and M/T 5-spd, 74-up, permanent magnet starter	121450
Chevy 153 & 168 Tooth, permanent magnet starter	121441

DENSO STYLE STARTERS

Bolt on more cranking power, shed weight, draw less amps, with these super tough compact sized starters. The Denso style starter is known for its tremendous torque capabilities, and these starters are capable of turning 18:1 compression engines, and will really spin stock type engines for super reliable starts.



DESCRIPTION	PART NO.
Chevy 153T and 168T, Denso style starter	121340
Ford A/T and 5-spd., 74-up, Denso style starter	121350
Ford SB 3 and 4 spd., Denso style starter	121351
Ford BB 429/460, Denso style starter	121352
Ford FE, Denso style starter	121353
Pontiac/Olds, Denso style starter	121348
Chevy Staggered 168T, Denso style starter	121342
Mopar, Denso style starter	121360
Bert/Brinn, Denso style starter	121370

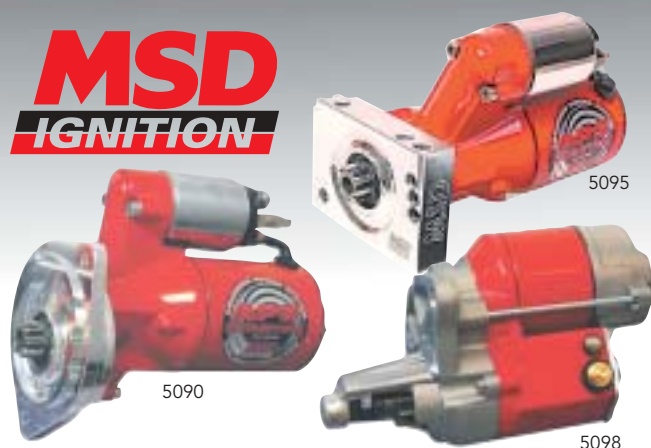
ALTERNATORS

Promotive One-Wire alternators feature all new housings for a beautiful, durable finish. Single wire design and common Delco case housing makes this a great universal alternator for virtually any need. Every unit has been fully tested to assure trouble free operation. Achieves full rated output at approximately 2000 RPM, will charge at approximately 50 to 70% of rating at idle.



DESCRIPTION	PART NO.
Delco One-Wire, Chrome 65 amp	135260
Delco One-Wire, Chrome 80 amp	135280
Delco One-Wire, Chrome 100 amp	135210
Delco One-Wire, Chrome 140 amp	135214
Delco One-Wire, Natural 80 amp	135180
Delco One-Wire, Black 80 amp w/chrome fan and black pulley	135080

MSD IGNITION



ADVANCED POWER SYSTEM™ STARTERS

Now you can have MSD performance from start to finish with our Advanced Power System Starter! The APS Starter features all new components beginning with a three horsepower motor. This power is used to crank over the reduced 4.4:1 gear set to deliver great torque to the engine's ring gear to get the engine turning. The armature is balanced during assembly and is guided by two ball bearings for smooth engagement and thousands of starts. The downsized housing clears most headers and oil pans, but just in case, we made the billet mount so it can be clocked in different positions to help in tight applications. The assembly is powder coated MSD red and will stay looking good, even though its underneath your car.

DESCRIPTION	PART NO.
Chevy V8, 153 and 168 Tooth Flywheels	5095
Chevy LS Engines	5096
Ford Small Block 289-351	5090
Chrysler 318-440	5098



RACING STARTERS

- 10.5 lbs., 33% lighter than OE
- 1.9 Hp
- 3.73 to 1 reduction
- Up to 12.0 to 1 compression



Part No. 351106 Chevy 153/168 Tooth, Permanent Magnet Motor, 12 clock positions, 7.5 lbs.

Part No. 351100 Chevy 153/168 Tooth w/Multiple Clocking Positions



STARTER MOTOR HEAT SHIELD Chevy V6/V8

The Starter Motor Heat Shield is designed with heat resistant material sandwiched between two aluminum plates. The shield protects the starter from heat buildup from the exhaust system, especially important when using headers. Fits Chevy small & big block and V6.

Part No. 3678

