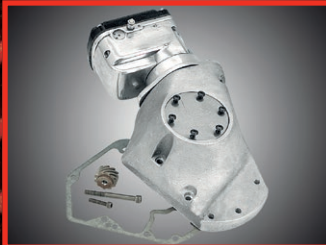


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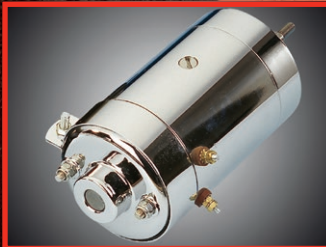
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MORRIS MAGNETO FOR 1970-1999 BIG TWINS

A Magento is a simplified ignition system that directly converts the motion of kicking or cranking into a high voltage spark. Since it works independently, it will still function with a faulty electrical system, a dead battery or even no battery at all. If you are thinking of making an improvement on your Harley, a Morris Magento should be at the top of your list. Extra power and true reliability will add to your enjoyment every time you ride. State-of-the-art engineering for state-of-the-road biking. You can't go wrong!

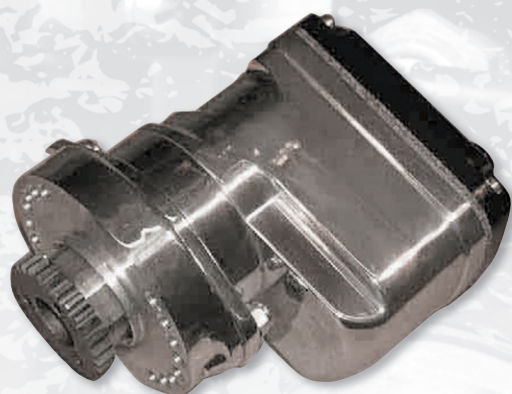
Morris M5 auto-operating magento

Restyled and re-engineered fully automatic operating Magento. The Magento will throw hot starting sparks, no matter how slow your motor turns. Unlike a classic Magento, which needs manual retard for starting, this one retards automatically for starting like a breeze. All movements are internal, the Magento appears fixed. This Magento can be used with or without battery on stock or tuned-at-any-stage engines. Fitting may require spacing of the air cleaner and/or removal of the exhaust crossover. Kit includes a satin finish billet aluminum nose cone, gasket and required hardware.

231705 Fits 1970 thru 1992 Big Twins

231710 Fits 1993 thru 1999 Big Twins

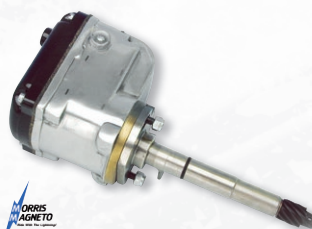
232315 Replacement gasket fits 1970 thru 1990 Big Twins



MORRIS MAGNETO FOR ALTERNATOR/GENERATOR STYLE ENGINES

This generator-port driven magento is great for Alternator/Generator style Big Twin engines. Can also be used on 1936 thru 1969 generator style Big Twin engines that are used for racing or other applications that do not use a charging system. Features fully automatic impulse coupling for incredible starting, no matter if it is kick start or electric start. This magento is easy to bolt on and can be mounted in various positions. Dependent on the used crankcase and chosen position it might be necessary to remove some case material.

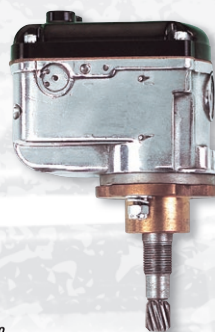
231856 Morris generator driven magento



MORRIS MAGNETO

These Magnetos feature auto-advance and manual retard. May be used with or without battery. Includes all mounting hardware.

232302 Fits all Big Twin models 1936 thru 1969, mount in stock distributor hole



MORRIS MAGNETO FOR FLATHEAD, 1952-1956 K & KH & 1957-1970 XL

This firm mounting magento prevents for base leaks. Can be used with or without battery. Features auto advance as well as manual retard for easier starting, but has no provision for a base-driven mechanical tacho. It is an easy to install 2-piece design and you don't have to buy any extra mounting hardware.

232304 Fits 1937 thru 1973 45CI, 74CI and 80CI Flatheads, 1952 thru 1956 K & KH, and 1957 thru 1970 XL models



AIR CLEANER SPACER

For use on models with Bendix or Keihin carburetors with stock air cleaner. Provides the extra space needed to mount the Morris Magento.

232309 Air cleaner spacer



MAGNETO TOP COVERS AND GASKET

These caps fit all Morris, OEM and most Fairbanks-Morse two terminal mags. Caps are available in black bakelite and with a key-switch which is installed in the center of the cap. The key-switch is internally sealed.

232311 Black cover (OEM 29530-55A)

232314 Black cover with switch

232312 Cover gasket



MORRIS MAGNETO ONBOARD ADVANCE RETARD KIT

The Magento Onboard Retard kit is a Patent Pending revolutionary device which aids starting by retarding the timing on fixed-position magnetos, helping to turn the infamous kick-backs and spit-backs into starts. When the cap-mounted lever is flipped, the points 'shift' 10 degrees, retarding your timing 20 degrees for starting. The lever is then locked in the advanced position by a rare-earth magnet. The complete kit consists of a new clear Lexan cap, cork cap gasket, a set of points, condenser, and the actuating pieces themselves. Designed for use with all Morris Magento's with normal clockwise turning cam.

746870 Morris Magento Onboard Retard kit



ELECTRONIC TACH MODULE

A small "black box" for use on bikes with electronic tachometer. It triggers the tach directly from the Magento kill wire.

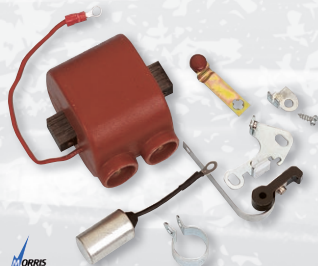
231709 Electronic tach module



MORRIS MAGNETO SINGLE FIRE MODULE FOR DUAL OR SINGLE PLUGS

This in-line solid state adapters convert your Magneto to Single Fire for both Single or Dual Plug heads. Delivers spark to the live cylinder only. Dual Plug operation requires the use of 2 of these units.

232320 Single Fire module



REPLACEMENT PARTS FOR MORRIS MAGNETOS

These parts will fit all original Harley-Davidson Magnetos as well as the Morris Magnetos, USA made.

231706 High voltage condenser

231707 Breaker points

231708 Ignition coil (high output)

232308 Kill switch lever (not shown)



MANUAL ADVANCE IGNITION DISTRIBUTORS

Complete OEM style distributors, fully assembled with natural alloy finish base with shaft and gear installed. Includes mount kit and gasket.

781181 Fits 1936-1940 E & EL,

1941-1947 F & FL

781182 Fits 1947-1952 E & EL and

1947-1964 F & FL

781183 Side valve distributor band control bracket Fits 1937-1946 U, UL & ULH, 1936-1952 E & EL and 1941-1964 F & FL (OEM 32735-37)



GENUINE ZODIAC 2 YEARS WARRANTY

IGNITION DISTRIBUTORS

A complete line up of top quality ignition distributors for OHV Harley Big Twins 1936 thru 1969. Replaces all obsolete equipment. Both the 1936 thru 1965 double bolt hold down and the 1966 thru 1969 single bolt hold down incorporate late style advance unit and points plate for easy replacement and are complete with drive gear show-chrome finish.

151090 Complete distributor 1936 thru 1965 (2 hole)



151091 Complete distributor 1966 thru 1969 (1 hole)

Replacement parts

172008 Base plate with points and condenser (OEM 32577-70)

172018 Advance unit

172006 Breaker point set (OEM 36661-70)

700559 Condenser, (OEM 32726-30A & 30801-47)



S&S BILLET GENERATOR STYLE ELECTRONIC TIMER

This new polished billet electronic timer for generator style engines was developed to accommodate the S&S Super Stock Ignition system in complete S&S generator Shovelhead style engines. It can also be used with other alternator style electronic ignitions. As ignitions on alternator style Big Twin run counterclockwise, this timer must be used with reverse timer gears for correct rotation direction. Made of billet

aluminum and polished to a show finish. Designed to be installed and removed without removing the cylinder head. Fits stock, S&S, and other aftermarket 1936 thru 1969 generator style. Timer, electronic ignition, and reverse timing gears must be ordered separately.

750589 S&S billet generator style timer

750590 Reverse rotation circuit breaker drive gear

750591 Reverse rotation circuit breaker gear



MALLORY BREAKERLESS DISTRIBUTOR IGNITION

For faster, easier starting, Mallory's 12V electronic ignition system delivers performance and reliability at an affordable price. This unit is a drop-in for 1936-1969 OHV-Big Twins. When using stock-heads, no head removal is required. This billet distributor utilizes the Accel selectable single/dual fire ignition module. A complete kit that comes with detailed fitting and tuning instructions and wiring harness. Features adjustable Rev Limiter.

Mallory distributor for 1936 thru 1969 Big Twin 12V models

236692 Single/Dual Fire distributor with adjustable Rev Limiter

151092 Distributor mounting clamp (OEM 32516-66)

731524 Replacement ignition module only

236684 Replacement Mallory Unilite dual fire ignition module for units supplied before 2007



EARLY STYLE DISTRIBUTOR COVER

Early style distributor cover. To fit the 1936 thru 1964 Big Twins, K & KH, Sportster and 45 inch Twins (OEM 32589-36 & 32592-36).

301662 Early style distributor cover



SAMWEL'S V-TRONIC ELECTRONIC IGNITION FOR 45CI, KNUCKLEHEAD AND PANHEAD

This easy to install electronic ignition provides better starting, accurate timing from idle to high RPM, has no moving points and consequently requires no maintenance. It is investment protected and works on both 6 Volt and 12 Volt systems. The greatest thing about them is that this state-of-the-art conversion is not visible from the outside. Ignition features a timing LED for an easy timing procedure. Works with coils with a primary resistance of more than 1 Ohm on 6 Volt, and more than 2 Ohm on 12 Volt systems. Fits inside the distributor housing and replaces the breaker points and condenser in all Side Valves, K, KH, Sportster, Flathead, Knucklehead and Panhead models. Available for use with manual advance on 1937 thru 1948 models, as well as manual or full electronic advance for 1949 thru 1964 models. The hard-to-find timer control bracket for 750 Sidevalves is available separately.

745833 Electronic ignition with manual advance, 1937-1948

745860 Electronic ignition with electronic advance, 1937-1948

745899 Electronic ignition with electronic advance, 1949-1964

762622 Timer control bracket, fits 1937 thru 1946 45CI models (OEM 32736-37)



GENUINE ZODIAC 2 YEARS WARRANTY

DISTRIBUTOR HOLD-DOWN CLAMP

Chrome plated hold-down clamp for 1966 thru 1969 Big Twins distributor. A small investment for great looks (OEM 3251666).

151092 Distributor mounting clamp (OEM 32516-66)

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"FIRE-POWER" TUNE-UP KITS

USA made tune-up kits, include points condenser, grease and tune up instruction.

233708 Fits Big Twin 1948 thru 1969, Sportster and K model 1954 thru 1970 (except Magneto)

233709 Fits Big Twin 1970 to early 1978 and Sportster 1971 to early 1978

Points & Condensers USA made high quality points and condensers.

233711 Contact points Big Twins 1949-1969, K-Model and Sportster (except Magneto) 1954 thru 1970 (OEM 30605-48A)

233712 Point set, fits Big Twin 1970 to early 1978 and Sportster 1971 to early 1978 (OEM 32661-70T)



ROLLER BEARING ADVANCE UNIT

Special roller bearings at the pivots of the advance weights gives the proper amount of ignition advance at the right time every time. This quality kit includes the roller bearings installed on a quality advance unit shaft and plate, circuit breaker base plate, points cam, wiring harness, springs and timing screw. Fits 1970 thru 1978 Big Twins and 1971 thru 1978 Sportster models, as well as all later models when converting to point-style ignitions.

172053 Roller bearing advance unit



ACCEL PERFORMANCE TUNE UP KITS

Kits are available for all models 1948 thru 1978 (except Magneto), feature matched contact sets with performance 32 oz spring, premium mylar insulated High-Performance condenser and packet of point cam lube. Only the best materials are used to ensure easier starts, smoother idle, crisper throttle response, and improved top end performance.

231908 Fits Big Twins 1948 thru 1969, Sportster and K-models 1954 thru 1970 (except Magneto)

231907 Fits Big Twin 1970 thru 1999 and Sportster 1971-up, with points ignition



ZODIAC ADVANCE UNIT ASSEMBLY WITH FIRE-POWER POINTS AND CONDENSER

Zodiac has combined it's original equipment-quality advance unit assembly with High-Performance firepower points and condenser. This kit permits replacement of worn out units or conversion to points from the electronic ignitions used on all models from late 1978 to present. These firepower components are the highest quality available today and have been used in the automotive racing industries for years. This is one of the finest-quality point conversion kits on the market. Fits Big Twin models from 1970 thru early 1978 and Sportster models from 1971 thru early 1978, and as a conversion for late electronic ignition models.

172023 Fire Power advance Unit



AMERICAN PRIME MFG. ADVANCE UNIT

We offer technology from the USA in this advance weight assembly made by American Prime Mfg. The shaft and plate are made from stainless steel and are machined to exact tolerance. The weights are heat treated and coated with High-Tech polymers and are held in place by stainless steel pins. The springs are made from high quality phosphate-coated spring-tempered music wire and wound to exact specifications for proper advancement of the weight, then the springs are heat treated and cad plated for durability. Smoother idle and throttle response are assured. This superior assembly can be used for all points systems and Dyna S, Daytona TwinTec VT-I

and other electronic ignition systems that require a mechanical advance unit. **Note:** Cam not included.

761000 Advance unit

761001 Rebuilt kit

761002 Replacement spring kit



BLUE STREAK POINTS, CONDENSERS AND KITS

Blue Streak ignition points feature Heavy Duty construction, Lubriwick, oversized ventilated contacts and copper shunts. Blue Streak ignition points offer reliability and High-Performance and are equivalent or better than Original Equipment. Available as separate parts or in convenient clear display packed tune-up kits.



Blue Streak point sets

700558 Fits Big Twins 1970 thru early 1978 and Sportster models 1971 thru early 1978 (OEM 32661-70)



Blue Streak tune-up kits containing points and condenser

700561 Fits Big Twin models 1970 thru early 1978 and Sportster models 1971 thru early 1978 (OEM 32661-70)



Blue Streak tune-up kits containing points and condenser

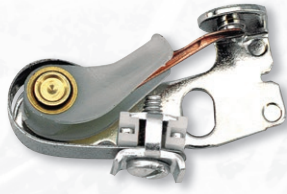
700559 Condenser, 1947 thru 1978 (OEM 32726-30A & 30801-47)





AMERICAN MADE POINTS, CONDENSERS AND KITS

Standard points and condensers are made in the USA from the finest materials and designed for quality and reliability for High-Performance. Available as separate parts or in convenient clear display packs as tune-up kits. All equivalent to Original Equipment.



700563 Fits Big Twin models 1970 thru early 1978 and Sportster models 1971 thru early 1978



Tune-up kits containing points and condenser

700567 Fits Big Twin models 1948 thru 1969 and Sportster and K models 1954 thru 1970 except Magneto models (OEM 30605-48A)

700569 Fits Big Twin models 1970 thru early 1978 and Sportster models 1971 thru early 1978 (OEM 32661-70)



700564 Fits Magneto equipped Sportster models 1958 thru 1969 (OEM 23533-55A)



Condensers

700566 Fits Big Twin models 1930 thru early 1978 and Sportster and K models 1954 thru early 1978 (except Magneto) (OEM 32726-30 & 30801-47)

700565 Fits Magneto equipped Sportster models 1958 thru 1969 (OEM 29534-55A)

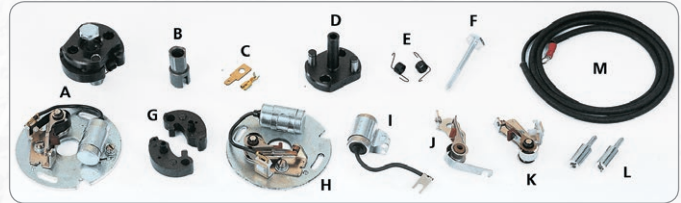


700568 Fits Magneto equipped Sportster models 1958 thru 1969 (OEM 23533-55A)



Point sets

700562 Fits Big Twin models 1948 thru 1969 and Sportster and K models 1954 thru 1970 except Magneto models (OEM 30605-48A)



IGNITION AND ADVANCE UNIT REPLACEMENT PARTS

- 172007** [A.] Advance unit, with unit bolt and base plate with points/condenser (OEM 32517-70)
- 172020** [A.] Advance unit with unit bolt and base plate
- 172009** [B.] Advance unit cam
- 172016** [C.] Points terminal (10-pack) (OEM 32670-70)
- 172012** [D.] Shaft and plate (OEM 32629-70T)
- 172010** [E.] Breaker weight spring (10-pack) (OEM 32605-70T)
- 172013** [F.] Timer screw, 1970-1978 Big Twin, 1971-1978 Sportster (OEM 3570) (10 pack)
- 172011** [G.] Breaker assy weights (OEM 32522-70T) (set 2)
- 172008** [H.] Base plate with points and condenser (OEM 32577-70)
- 769051** [I.] Condenser, 1930 thru 1946 Big Twin & 45CI (OEM 1629-30 & 32726-30)
- 700559** [I.] Condenser, 1947 thru 1978 (OEM 32726-30A & 30801-47)
- 769050** [J.] Contact points 1930 thru 1948 Big Twin & 45CI (OEM 1569-37A & 32658-30)
- 233711** [J.] Contact points Big Twins 1949-1969, K-Model and Sportster (except Magneto) 1954 thru 1970 (OEM 30605-48A)
- 172006** [K.] Contact points BigTwin and XL 1970 thru 1978 (OEM 32661-70T)
- 760043** [L.] Base plate stud, stepped .750" chest with #8-32x.500" thread 1970-1972 Sportster & Big Twin (OEM 32608-70)
- 172041** [L.] Base plate stud, .750" chest with #8-32x.750" thread (OEM 32601-78) and #8-32x.500" screw (OEM 1601) 1970-1982 Big Twin, 1971-1979 Sportster (10 pack)
- 172064** [L.] Base plate stud, .750" chest with #8-32x.750" thread, pair (OEM 32601-78) 1970-1982 Big Twin, 1971-1979 Sportster
- 760042** [L.] Base plate studs, .750" chest with #8-32x.500" thread 1982-1999 Big Twin, 1980-1990 Sportster (OEM 32606-82)
- 760044** [L.] Case-saver base plate studs with .700" chest and #12-24x.500" oversize thread, 1982-1999 Big Twin, 1980-1990 Sportster
- 172043** [M.] Circuit breaker wire (OEM 70456-73) (5 pack)
- 762634** [M.] Fillister head screws to fit condenser and ignition breaker points, set of 2 (OEM 2626)
- 762602** [M.] Fillister head screws to fit condenser and ignition breaker points, dealer 10-pack (OEM 2626)

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MSD V-SERIES IGNITION

MSD's V-Series ignition will get your Harley fired up. It allows you to select your own timing curve for a smoother idle and snappy throttle response. You can also choose between Dual Fire or Single Fire, kick start or electric start and select the VOES curve that matches your riding style. A programmable rev-limiter keeps things under control should you miss a shift or break the driveline. Must be used with a 3 Ohm Single Fire coil when used in Single Fire mode. Fits completely behind the stock engine ignition cover on 1971 thru 1997 Sportster, 1971 thru 1983 Shovelhead and 1984 thru 1999 single cam Big Twin. Does not fit Fuel Injected models.

711835 MSD nose cone type V-Series ignition

711836 MSD Single Fire coil



MSD PROGRAMMABLE NITRO IGNITION FOR V-TWIN RACING ENGINES

With modern racing standards, the performance demanded of your motorcycle keeps increasing by the day. MSD has actively reacted to this problem by introducing the Nitro programmable ignition system. This system combines the benefits of a capacitive Discharge ignition with all the advantages of an inductive ignition; better and longer sparks. For this kind of power two ignition control units are required; one for the CD circuits and programming controls and another with the inductive circuitry. Together these controls send a unique spark to two hybrid coils. These coils have to be used in combination with the Nitro ignition to optimize the ignition, fuel efficiency and motor management. The Nitro system also provides racers with limitless tuning possibilities through advanced PC programming with MSD pro data+ software. Program timing curves up to 0.1° per 100 rpm, program shift points and retard stages and different rpm limits. Ignition unit, coils, pick-ups and rotor all sold separately.



711829 Programmable ignition unit V-Twin. Order 1 for Single Plug and 2 for Dual Plug applications



711831 Trigger pick-up, usable for Single Plug and Dual Plug applications



711833 Super conductor plug wires (red)



MSD'S 3-INTO-1 LAUNCH BOX

MSD's Launch Box allows you to change the value of the launch rev limiter from your handlebar when you are already at the starting line with the twist of a couple of dials. The Launch Box also has a built-in shift light that will turn on bright to alert you to shift and on top of all that you can adjust your two-step control from the Launch/Rev Limiter/Shift Light!

711802 Launch Control/Rev Limiter/Shift Light



711830 Ignition coil. Order 2 for Single Plug and 4 for Dual Plug applications



DYNATEK'S DIGITAL PERFORMANCE IGNITION DSPT-1

Dynatek's digital performance ignition DSPT-1 for Sportster models features the latest digital electronic innovations. It is a Single Fire, fully programmable performance ignition that replaces the OEM ignition and offers you the possibility to set the ignition to the preferred way you are riding your motorcycle.

A few of the features are:

- 16 Programmable advance curves
- 8 Rev. Limiter settings
- All functions with full digital accuracy
- Full J1850 compatible with all stock devices
- Coil compatibility from stock to performance (less than 1 Ohm)
- Coil current constantly monitored to provide constant full spark energy
- Utilizes all stock sensors, stock OE connectors and the stock OE mounting
- Reverse battery and spike protection is built in
- One year warranty

730603 Fits 2004 thru 2006 carburetor equipped Sportster models



DYNATEK

dyna performance electronics

DYNA 2000iP PROGRAMMABLE IGNITION SYSTEMS

These Dyna ignitions are designed for use on all carburetor equipped models and replace the factory electronic ignition with its external module. Can also be used to convert point triggered ignition systems when used in combination with our trigger rotor (ZPN172061). The Dyna 2000iP is completely self-contained. The entire unit hides under the cam cover for a clean look and will operate in all combinations of Single Fire or Dual Fire with Single Plug or Dual Plug heads when you use the appropriate coils. To allow easier cranking and kicking in Dual Fire mode, the Dyna 2000iP will operate as a Single Fire system when starting the engine. All functions are programmable with the dipswitches on the unit, or on a PC using Dyna's separately available programming kit, which also gives you access to the data recording facilities.

More features are:

- 10 Selectable advance curves to cover a broad range of engine builds and riding styles
- Engine over-rev protection adjustable from 6.000 to 7.500 rpm.
- Adjustable timing retard for nitrous and turbo applications
- VOES indicator allows you to tell at a glance the status of the VOES switch
- Built-in Tach driver can be used to activate shift light, auto-shifters and other accessories
- Designed to work with any Dual Fire tachometer in both Single Fire and Dual Fire mode
- Easy static timing with built in timing indicator
- Intelligent over-current and short-circuit protection
- Active dwell control
- Over-voltage protected against momentary spikes

PC Programmable options are:

- 8 point fully definable wide open throttle curve
- 8 point fully definable part throttle curve
- Rev limiter programmable in 50 RPM steps
- Programmable from 0 to 5 dead cranking revs for easier starting
- Rear cylinder offset from -10 to +10 degrees
- Security Lock Out
- Single or Dual fire

Data recording options:

- Total engine hours
- Time wide open throttle
- Longest time operating at wide open throttle
- Maximum RPM
- Seconds near REV limit
- Number of engine starts

The Dyna 2000iP is available as a module only that can be used in combination with the 3 Ohm coil(s) of your choice as well as the stock Harley coil or as a complete kit, including top-quality Dyna coils for almost any application.

730587 Dyna 2000iP module only

Kits for Dual Fire applications

730651 Dyna 2000iP module with one Dyna DC6-1 coil (ZPN 232292) for Dual Fire/Single plug application

730654 Dyna 2000iP module with two Dyna DC2-1 (ZPN 232287) coils for Dual Fire/Dual Plug application

Kits for Single Fire applications

730584 Dyna 2000iP module with one Dyna DC6-5 coil (ZPN232250) for Single Fire/Single Plug

730652 Dyna 2000iP module with two Dyna DC3-1 (ZPN232286) coils for Single Fire/Single Plug application

730653 Dyna 2000iP module with two Dyna DC1-1 coils (ZPN 232288) for Single Fire/Dual Plug application

730592 Programming kit with software CD for Windows PC's with RS-232 port, includes module connector cable ZPN730671

232590 Programming kit with software CD for Windows PC's with USB port, does not include module connector cable ZPN730671

730671 Module connector cable



DYNATEK

dyna performance electronics

DYNATEK'S DIGITAL HIGH PERFORMANCE IGNITION

Dynatek's digital system for carbureted Twin Cam models features the latest digital electronic innovations. It is a Single Fire, fully Programmable Performance Ignition that replaces the OEM system and offers you the possibility to set the ignition to the type of engine you are using as well as the way you are riding your motorcycle.

A few of the features are:

- All functions with full digital accuracy
- Compatible with stock ignition coils as well as low resistance performance and race coils (3 Ohm to 0.7 Ohm)
- Coil current constantly monitored to provide constant full spark energy
- Uses stock trigger sensors
- Reverse battery and spike protection is built in
- One year warranty

Dipswitch selectable are:

- 6 Programmable advance curves, divided in 3 groups for best performance of stock to slightly modified motors, Heavily modified motors, Insanely modified motors
- 8 Rev. Limiters setting, from 5750 RPM to 7250 RPM in 250 RPM steps

Program selectable are:

Programming kit (ZPN730602) gives access to:

- 8 point fully definable wide open throttle curve
- 8 point fully definable part throttle curve
- Rev limiter programmable in 50 RPM steps
- Programmable from 0 to 5 dead cranking revs for easier starting
- Rear cylinder offset from -10 to +10 degrees
- Security Lock Out
- Single or Dual fire

Data recording options:

- Total engine hours
- Time wide open throttle
- Longest time operating at wide open throttle
- Maximum RPM
- Seconds near REV limit
- Number of engine starts

Note: Will not work with Fuel Injection equipped models.

730588 Ignition Module, fits 1999 thru 2003 models

730602 Programming kit with software CD for Windows 2000/XP



DYNATEK

dyna performance electronics

TACHO METER ADAPTOR

This tach adaptor must be used whenever a Single Fire Dyna S is installed on your Harley-Davidson motorcycle with an electronic tachometer. Because the Single Fire Dyna S eliminates the wasted spark, the high voltage pulses must be combined and sent to the tachometer through a high voltage rectifier.

232281 Tacho meter adaptor

01	HELMETS, LUGGAGE, AUDIO & MORE
02	SEAT
03	EXHAUST
04	ELECTRIC & LIGHT
05	ENGINE ELECTRICS
06	INTAKE
07	ENGINE
08	PRIMARY
09	TRANSMISSION
10	FINAL DRIVE
11	WHEELS & TIRE
12	BRAKE
13	FOOT CONTROL
14	HANDLEBAR
15	FRONT SUSPENSION
16	CHASSIS/FRAME & SHOCKS
17	FENDER & STRUTS
18	GAS TANK & INSTRUMENT
19	OIL TANK, FILTER & LINE
20	FASTENERS
21	MIRROR
22	WINDSHIELD
23	OIL, CHEMICALS & TOOLS
24	TECHTIPS & CROSS REF > ZPN
25	CROSS REF ZPN > PAGE
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DYNATEK
dyna performance electronics

DYNA RPM LIMITER

Dyna's RPM adjustable from 6,000 to over 12,000 RPM by easy to operate dip switches. This new version of the RPM limiter has an additional output stage that works independently of the RPM limiter. The output stage can even function when the RPM limiter has no power. It works on a simple 12 Volt signal and can, for example, be used for clutchless upshifts. The Dyna RPM limiter is designed to prevent bent valves and blown engines due to overrevving or missed shifts. The limiter will work with any electronic inductive type ignition and can use up to 4 Dyna blue, low impedance coils. It does not effect engine performance until the pre-set maximum revs are reached. At that moment the spark is killed until the RPM's drop to under maximum, the spark is then re-activated.

Note: Can not be used with CDI ignition.
232266 Dyna Single stage RPM Limiter



DYNATEK
dyna performance electronics

DYNA 4000 DRAG-RACE IGNITION

Dynatek has a long experience in building electronic ignition systems. Back in the mid seventies, when everybody was still thinking points and condensers, they were building reliable electronic ignition systems for Harley-Davidson motorcycles. Years ago they started to develop a self contained racing ignition system to fill the needs of the professional Drag-Racers. They have re-developed this racing ignition over and over again until they came up with the Dyna 4000 Superpro. The Dyna 4000 Superpro is a High-Energy Ignition that is designed to meet the demands of the professional Drag-Racer. It has the advantage of the long spark duration of the Inductive ignition system as well as the higher rev capabilities of the capacitive systems. Special trigger plates that work with dual or single systems are

available. The Dyna 4000 has lots more features for gas burning Drag-Race Harley's as well as for Nitro Burning Top Fuel Harley's.

Some of the features are:

- Two stage rev limiter
- Smoothest "Launch Rev Limiter" available, operated by a clutch switch (switch not included)
- Built in timing led
- Shift kill input
- Tach output
- Dual output for Single Plug heads
- Quad output for Dual Plug heads
- Runs in Dual or Single Fire mode
- Uses dual sensor Dyna trigger for individual cylinder timing

For the gas burning Drag-Race machines there is another important feature of the Dynatek 4000 Superpro. It allows the use of the handlebar mounted Dyna Digital Remote display. This is a handlebar mounted digital display that enables the racer to change the launch rev limiter on the line, real time rev display that allows testing of all RPM based accessories and has a clutch switch indicator.

Note: Crank trigger ZPN238974 must be ordered separately.

4000 kit for gas burning motors

- 238817** Use with Single Plug heads and Dual Fire, includes module DP4000-HD1S, 0.7 Ohm two tower coil and special plug wires
- 238818** Use with Single Plug heads and Single Fire, includes module DP4000-HD1S,
- 238819** Use with Dual Plug heads and Dual Fire, includes module DP4000-HD2S, 0.7 Ohm four tower Twin Fire coil and special plug wires
- 238820** Use with Dual Plug heads and Single Fire, includes module DP4000-HD2S, 4 each 0.7 Ohm single tower Twin Fire coil and special plug wires

4000 Kit for Nitro burning motors

Nitro burning engines like the Hot and Long spark of the Dyna 4000 Superpro, but they don't like any type of rev limiter nor do they like shift kill switches. Therefore Dynatek made a special "Naked" version for the Nitro burning Top-Fuelers.

- 238821** Dyna 4000 Superpro for Nitro burning Top-Fuel bikes includes module DP4000-HDTF, 0.7 Ohm two tower coil and special plug wires



Parts and accessories

- 238974** Trigger assembly
- 238975** Remote Digital display
- 234358** Blue dual-tower Dual Fire coils 0.7 Ohm (set 2)
- 238980** Four tower Twin Fire coil (each)
- 238981** Plug wire set
- 238976** Module only DP4000-HD1S
- 238977** Module only DP4000-HD2S
- 238978** Module only DP4000-HDTF



DYNATEK
dyna performance electronics

DYNA S PERFORMANCE ELECTRONIC IGNITION

The Dyna S is a completely self contained electronic system that fits behind the ignition cover. It uses a magnetic rotor and "Hall Effect" magnetic sensors which are not affected by RPM changes, dirt and/or oil. The Dyna "S" works with a stock or aftermarket mechanical advance unit. It is designed for street, touring or strip and faster setting than points. There are two versions available, the Dual Fire High Performance system which simply replaces the conventional points ignition, and a Single Fire version. Single Fire does not fire both cylinders at the same time, but only the cylinder that is at the end of its compression stroke. This means that the piston which is in the overlap position will not be fired needlessly. Both systems are easy to install without any modification and have a 3 year factory warranty. Both Dual Fire and Single Fire systems fit Sportster models 1971-1979 and Big Twins 1970-1979. Kits can also be installed on 1980 thru 1999 single cam Big Twins and 1980 thru 2003 Sportster when a mechanical advance unit is used.

Note: Dyna S ignitions are to be used with 5 ohms coil for street use. Coils with 3 ohms primary resistance are suggested for race use only.

- 232290** High Performance Dual Fire system
- 232293** Dyna Dual Fire coil for street use
- 232289** Single Fire system
- 234363** Dyna Single Fire coil set for street use
- 172052** Advance unit for Dyna S, includes advance unit base plate, spring and weights

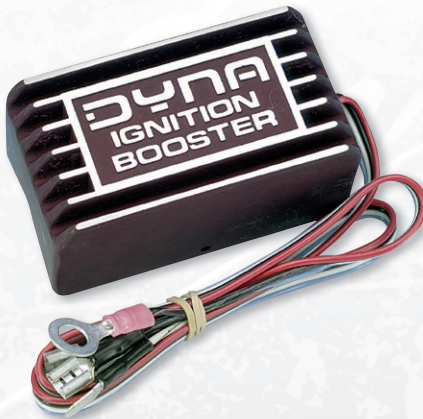


DYNATEK
dyna performance electronics

DYNA TWO STAGE REV-LIMITER

The two stage rev-limiter is designed to provide accurate launching RPM's so that the rider can concentrate on the start and not on RPM's. The limiter uses a unique control function which makes an instant decision at the time of firing. A 12 position switch that is used to set launching RPM's can be mounted easily. The high RPM limits are selected by a separate knob with an accuracy of 25 RPM.

- 233755** Two stage rev limiter



DYNATEK
dyna performance electronics

DYNA IGNITION BOOSTER

The Dyna ignition booster, for points ignition systems, improves the performance by transforming the usual inconsistent electrical surges into precisely controlled bursts of energy to the coil. The electrical power is used not wasted. Your engine will run smoother, burned points are history, plugs will last longer and troublesome condensers are eliminated. You can expect consistently better operation at a lower maintenance factor.

232282 Dyna Ignition Booster

1991 and later models. An extension harness is available for installing the Dyna 2000 on 1990 and earlier bikes. These ignition modules can be run with your stock coil, but we recommend Dyna Ignition Coils in the range of 2.5 to 3 Ohms primary resistance. As with every electronic ignition it is vital to use carbon core type suppression spark plug wires.

For Dual Fire only

730591 2000-HD2P Ignition kit thru 1993 (7-pin connector)

730593 2000-HD2P Ignition kit 1994-1999 Big Twin and 1993 thru 1997 Sportster (8-pin connector)

Selectable Dual and Single Fire

730589 2000-HD1P Ignition kit thru 1993 (7-pin connector)

730590 2000-HD1P Ignition kit 1994 thru 1999 Big Twin and 1993 thru 1997 Sportster (8-pin connector)

Accessories

232269 7-pin to 8-pin connector adapter, for use with ZPN730591 or 730589 when installing on 1994-1999 models

730592 Programming kit with software CD for Windows PC's with RS-232 port, includes module connector cable ZPN730671



DYNATEK
dyna performance electronics

DYNA 2000 PROGRAMMABLE DIGITAL IGNITION SYSTEM

The Dyna 2000 is a "Plug-In" upgrade to the electronic advance ignition as found on the late Harley models and gives you:

1. Four programmable advance curves including a quick curve which simulates a mechanical advancer for hot rod motors
2. Expanded advance curve functionality with the option to use vacuum advance compensation via a VOES switch
3. Four independent rev-limiter settings from 6,000 to 7,500 RPM
4. Retard Mode for turbo-charged and nitrous bikes that allows selection of ignition retard of 5, 7 or 10 degrees upon activation of retard input
5. Works with the stock Harley ignition pick-up
6. Available as Dual Fire or selectable Single/Dual Fire mode
7. Tach output wire
8. Static timing LED

Dyna's separately available programming kit gives you access to even more programmable functions and loads of data recording options. Dyna 2000 ignition modules simply plug into the existing factory wiring harness on



ACCEL

SINGLE/DUAL FIRE IGNITION

Accel's new Ignition Module will work for both Single- and Dual fire applications. It has an adjustable rev-limiter and 15 preset advance curves to satisfy everybody, and everything from a stock engine to highly modified big inch motors. This easy to install ignition uses the stock rotor cup. The entire unit hides under the cam cover for a clean look. Fits Big Twins 1970 thru 1999, and Sportster models 1971-1997.

731524 Single/Dual Fire Ignition module



STANDARD
MOTORCYCLE PRODUCTS

IGNITION SENSOR PLATE

Dual Fire ignition sensor plate as found on 1980 thru 1997 Sportster and 1980 thru 1995 Big Twin models. This one comes with individual connectors on every wire. Easy to adapt to late models with other connectors (OEM 32400-80A).

741882 Ignition sensor plate



ACCEL

MALLORY UNILITE BREAKERLESS IGNITION

Mallory's Unilite Breakerless Conversion Kit is designed to convert the point's ignition of the earlier Big Twin and Sportster models to a full electronic system. The self containing Unilite module assembly has no moving parts to wear out. The module completely replaces the stock points and condenser. It consists of an integrated photo coupler, a signal processor and a power switch. Each time the shutter wheel stops the infrared light from reaching the photo coupler, the electronic circuitry energizes the ignition coil. When the shutter wheel allows the infrared light to reach the photo coupler, the electronic circuitry allows the stored energy in the ignition coil to discharge. The Mallory Unilite Breakerless Conversion Kit can drive any ignition coil or combination of ignition coils with a total primary resistance of at least 2.0 Ohm. We recommend ignition coils with 2-3 Ohms for racing applications and ignition coils with 3-4 Ohms for street and highway use. Converting to the Unilite breakerless ignition is as easy as a three wire connection. Replaces the point's ignition on 1970-1978 Big Twin models, and 1971-1978 Sportster models. Can also be used as a replacement for the OEM electronic ignition on late 1978 and later single cam Big Twin models and 1978 thru 1997 Sportster models.

236682 Fits 1970 thru 1978 Big Twin

731556 Fits 1971 thru 1978 Sportster

236684 Replacement ignition module only

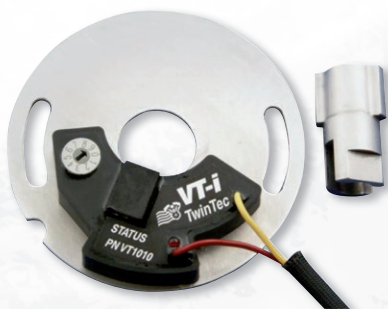


TRIGGER ROTOR AND SCREW

Stock trigger rotor and screw for the OEM electronic ignition as fitted on 1984 thru 1999 Big Twin and 1983 thru 2003 Sportster models. Must be used when converting the ignition from points to S&S HI-4 electronic ignition system (OEM 32402-83 & 2611B).

172061 Trigger rotor and screw, Genuine Zodiac

01	HELMETS, LUGGAGE, AUDIO & MORE
02	SEAT
03	EXHAUST
04	ELECTRIC & LIGHT
05	ENGINE ELECTRICS
06	INTAKE
07	ENGINE
08	PRIMARY
09	TRANSMISSION
10	FINAL DRIVE
11	WHEELS & TIRE
12	BRAKE
13	FOOT CONTROL
14	HANDLEBAR
15	FRONT SUSPENSION
16	CHASSIS/FRAME & SHOCKS
17	FENDER & STRUTS
18	GAS TANK & INSTRUMENT
19	OIL TANK, FILTER & LINE
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Daytona Twin Tec

DAYTONA TWINTEC VT-I BREAKERLESS IGNITION

Ultra reliable dual fire electronic ignition system 1970 thru 1984 Shovelhead, 1984 thru 1999 Evolution Big Twin and 1978 thru 2003 Sportsters. The ignition includes a special trigger rotor for use with the stock mechanical advance mechanism. The VT-i ignition features a precise digitally set RPM limiter (200 RPM steps from 5.200 to 7.000 RPM), a status LED for easy static timing, electronic dwell control for maximum ignition energy at high RPM and reduced current draw at low RPM. The VT-i is compatible with most original equipment and aftermarket dual fire ignition coils with 3 to 5 ohms primary resistance. Apart from the very easy installation with just two wires to hook up to the coil one of the biggest advantages of this ignition is that it operates down to below 6 volts for reliable starting under all conditions, including kick start.

742027 Daytona TwinTec VT-i electronic ignition

like Single or Dual fire, Multi or Single spark, Race or OE, and Electric or Kick start. These switches provide accurate and repeatable settings. Available as module only or as a complete kit with matching coils and plug wires for both Single Fire and Dual Fire applications. Fits 1970-1984 Shovelhead, 1984-1999 Evolution Big Twin and 1971-1999 Sportster except XL1200S.

730078 S&S HI-4N selectable Dual/Single Fire module

730079 Single Fire Kit, includes HI-4N ignition, Compact style coil & spark plug wires



IGNITION SENSOR PLATES

Made by Standard Motor Products as a direct replacement for the OEM sensor plates as used on 1994 thru 2002 FLH/FLT series, 1994 thru 2002 Dual Fire Sportsters and 1991 thru 1995 Dyna Glides. Can also be used on other models when you change the connectors on the wires.

722364 Fits 1991 thru 1995 Dyna models (OEM 32400-94)

722365 Fits 1994 thru 2002 Sportster and 1994 thru 2002 FLH/FLT series (OEM 32404-90)



Daytona Twin Tec

TWIN TEC INTERNAL SINGLE FIRE IGNITION SYSTEM

To make things easy Twin Tec offers their model 3005 as a convenient complete kit including the proven 1005 internal ignition, a 3 Ohm 45,000 Volt high output Single Fire coil, and a universal plug wire set. This kit replaces all the OEM ignition components. The ignition is to be mounted inside the nose cone and has four switches for different operating modes like Single or Dual Fire, multi spark, adjust the timing advance, and selecting the RPM limit.

Complete kits

741974 Single Fire ignition kit. Fits 1970 thru 1984 Shovelhead Big Twin, 1984 thru 1999 Evolution Big Twin, and 1971 thru 1997 Sportster models

741975 Twin Tec 3005S ignition for use on 1998 thru 2003 Sportster models except XL 1200S. Includes mating Deutsch plug

Replacement parts

742001 Twin Tec PC USB Link interface cable

741971 Ignition power relay kit, recommended when converting high compression and large displacement engines to Single Fire

741972 High output, 3 Ohm, Single Fire coil

741973 Universal plug wire kit



ACCEL SINGLE FIRE SUPER SYSTEM

For those who do not want mixing and matching parts, Accel offers a balanced performance ignition system that is designed to make the most horsepower. The Accel Super System is a complete bolt-on system that is designed to work together to produce an adjustable ignition that out-performs others. The Super System includes the adjustable Ignition Module, the Single Fire Super Coil, Accel High-Performance U-groove spark plugs, and Accel black 8.8 performance spark plug wires. The system can be installed easily and adjusted simply by switches on the module to produce the performance to match your machine. Fits Shovelhead 1970 thru 1984 and Evolution Big Twins 1984 thru 1999. All parts are also available individually.

731525 Single fire super system for 1970-1999 Big Twin

Individual parts

731524 Single/Dual Fire Ignition module

731523 Single Fire Super Coil

231714 U-Groove sparkplugs #2410A

233707 8.8 Universal fit 90 degree black plug wire kit only



S&S HI-4N SINGLE/DUAL FIRE IGNITION

The well known S&S HI-4 ignition has been one of the most popular performance ignitions for 1970-1999 "cone" style engines for many years. Now there is the S&S HI-4N with updated features for ease of installation and set up, and for greater reliability. The bullet proof all metal housing of the HI-4N provides improved heat dissipation, and features degree and advance direction markings on the flange. A convenient cable notch in the housing makes installation easier and prevents damage to the cable. Rugged sensor/magnet housings are built into the all-metal back plate, protecting the sensors from damage during installation. The sensor housings contain advanced flux concentrators with high temperature resistant samarium/cobalt magnets for accurate and reliable triggering. The electronics are fully encapsulated to resist vibration, moisture, and dirt, and are mounted directly to the metal housing, which serves as a heat-sink. The new HI-4N ignition has four rotary switches to set advance, set rev limit and select different modes





Daytona Twin Tec

TWIN TEC IGNITION KIT FOR ALL 2003-2006 CARBURETED MODELS

This ignition kit is specially developed for all Twin Cam and Sportster models from 2003 thru 2006. These motorcycles are using the SAE J1850 data bus for communication between the ignition module, instrument cluster, turn signal/security module and diagnostic scan tools. This ignition module fully supports this new data bus including the use of a HD scan tool to read sensor data and clear diagnostic codes. The ignition module TC88A features built in data logging that stores data for the last 30 minutes of engine operation including RPM, vehicle speed, manifold pressure, ignition advance and battery voltage. This feature is very handy for tuning and diagnosing problems. The included PC link cable and Windows compatible software allows the use of a laptop PC to program a custom curve, download data from the unit and access features such as speedometer recalibration to accommodate tire and gear changes. Kit includes a high output Twin Cam coil, universal spark plug wire set, an external plug-in ignition module, Twin Tec software and a PC link cable.

741987 TC88A complete ignition kit for 2003 thru 2006 models

Individual Kit parts

741983 Plug-in ignition with 12 pin connector

741985 High output Twin Cam coil

741986 Universal spark plug wire kit



Daytona Twin Tec

TWIN TEC IGNITION KITS

Easy to fit kits that replace the OEM ignition module, ignition coil and ignition wires. Available 1990 thru 1994 Evolution Big Twin and 1990 thru 1993 Sportster with 7 pin Cannon plug. Also available for 1995 thru 1998 Evolution Big Twin and 1994 thru 1997 Sportster models with 8 pin Deutsch plug. Kits include ignition module, coil, and ignition wire set.

741976 Fits 1990 thru 1994 Evolution Big Twin, and 1990 thru 1993 Sportster

741977 Fits 1995 thru 1998 Evolution Big Twin, and 1994 thru 1997 Sportster



Daytona Twin Tec

TWIN TEC MODEL 1005 INTERNAL IGNITION

Daytona's Twin Tec model 1005 Internal Ignition unit is intended for those who want a flush-mount ignition system. For this cleaner look, the model 1005 ignition replaces all the Harley-Davidson OEM ignition components, including the bulky wiring harness and external module. This ignition unit is triggered from the stock timing rotor at the end of the camshaft and mounts inside the engine nose cone. It is intended for electric start applications only. Four rotary switches are used to set the operating modes (such as single or dual fire, advance curve family and multi-spark), adjust the timing advance, and select the RPM limit. Two diagnostic LEDs indicate general status and the status of the vacuum switch (VOES). The status LED is also used for static timing, as it will flash when the engine reaches top dead center (TDC).

741966 Twin Tec 1005 ignition, fits 1970 thru 1984 Shovelhead Big Twin, 1984 thru 1999 Evolution Big Twin, and 1971 thru 1997 Sportster models

741967 Twin Tec 1005S ignition for use on 1998-2003 Sportster models, includes mating Deutsch plug and wiring harness for Single Fire conversion



Daytona Twin Tec

TWIN-TEC EFI TO CARBURETOR CONVERSION IGNITION

This ignition replaces the stock EFI module on all 2001 to 2011 Delphi Fuel Injected Twin-Cam models, except 2008 and later Touring models and 2011 Softails. It takes the stock connector that used to go into your EFI controller when you are converting from Fuel Injection to a carburetor. You just have to tape up the connectors for the fuel injectors, Idle Air control motor, Intake Air temperature and Throttle Position Sensor. As with all carburetor equipped Twin Cam models the Manifold Air Pressure (MAP) sensor must stay installed and connected. This ignition is fully programmable for advance curve, RPM limit and so on, using the Twin Tec PC Link interface and the latest software. It does not get any easier!

742033 Twin Tec Fuel Injection to carburetor conversion module



Daytona Twin Tec

TWIN TEC IGNITION MODULE FOR 1999 THRU 2003 CARBURETED TWIN CAM MODELS

The Twin Tec TC88 module offers easy plug-in installation. All the switches are accessible from the top-a significant advantage for most installations. Five rotary switches are used to set the operating modes, adjust the initial timing and timing advance, and select the RPM limit. Since the TC88 engine uses a non-adjustable crankshaft position sensor, mechanical timing adjustments are no longer possible. The TC88 solves this problem with a switch for setting the initial timing. A second switch sets the slope of the advance curve. The combination of these two switches lets you optimize the timing advance for a wide range of applications-from stock to highly modified engines. An optional PC Link Interface Cable lets you upload custom advance curves. The TC88 communicates basic diagnostic information by blinking codes on the check engine LED. This eliminates the need for an expensive scan tool. For those that want a full upgrade of their ignition system we have a convenient kit available including module, coil, and plug wires.

741990 Module, coil and wire kit for 1999 thru 2003 carbureted TC88 models

742001 Twin Tec PC USB Link interface cable

Individual Kit parts

741988 Ignition module only for 1999-2003 carbureted TC88 models

741985 Ignition Coil only

741973 Universal plug wire kit

01	HELMETS, LUGGAGE, AUDIO & MORE
02	SEAT
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04	ELECTRIC & LIGHT
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Daytona Twin Tec

TWIN TEC IGNITION MODULE

This external plug-in ignition module offers ease. Just remove the OEM ignition module, and replace it with the low profile billet aluminum Twin Tec module. This gives you four rotary switches to select either Single- or Dual Fire application, two advance curve families with adjustable advance slope to accommodate for stock to highly modified engines, adjust timing advance, and set the RPM limit in 100 RPM steps. Two diagnostic LEDs indicate general status and the status of the vacuum (VOES) switch. When used for static timing the status LED will flash when the engine reaches Top Dead Center (TDC). Works in Dual Fire mode with the stock 3 Ohm coil. When you want to use the module in Single Fire mode you have to order matching Single Fire coils separately.

Ignition modules

741968 With 7-pin Cannon style plug, fits 1990 thru 1994 Evolution Big Twin models, and 1990 thru 1993 Sportster models

741969 With 8-pin Deutsch style plug, fits 1995 thru 1998 Evolution Big Twin models, and 1994 thru 1997 Sportster models

Optional

741972 High output, 3 Ohm, Single Fire coil



Daytona Twin Tec

TWIN TEC IGNITION POWER RELAY KIT

Some motorcycles with high compression, large displacement engines, or Single Fire ignition systems may have difficult starting. In most instances this is because the starter motor draws more current than the electrical system was originally designed for. Under these conditions the voltage at the coil may be so low that the spark energy is insufficient to fire the engine. Daytona Twin Tec's ignition power relay kit solves this problem by supplying full battery voltage direct to the coil. Kit includes a high quality relay, wire and all required terminals.

741971 Ignition power relay kit, recommended when converting high compression and large displacement engines to Single Fire



COMPU-FIRE

COMPU FIRE SINGLE FIRE IGNITION MODULES WITH ELECTRONIC ADVANCE

The Compu-Fire electronic advance modules are used to convert the stock Dual Fire points type ignitions to Single Fire electronic ignition in 1970 thru 1999 single cam Big Twins, as well as in Sportsters from 1971 thru 2003. They may also replace the Prestolite type modules and H-D electronic advance modules. They have a built-in, non-tunable advance curve that works great on stock and mildly tuned engines with stock compression ratio. Ignition comes complete with a trigger rotor that replaces the stock mechanical advance unit. Use with 2.5 thru 3 Ohm Single Fire coil.

238106 Single Fire ignition module

238038 Tach adapter Single Fire use



COMPU-FIRE

COMPUFIRE IGNITION WITH SELECTABLE ELECTRONIC ADVANCE

Compu-Fire claims that their selectable advance curve ignition modules are the most user friendly ignitions on the market. They feature a range of advance curves that meet the needs of engines from stock to wild. The large rotary switches allow advance curve and RPM limiter selection. Easy installation is made possible with a built-in LED static timing light. The modules feature extended temperature and low voltage operation with soft start circuitry for easy starting. The modules operate with Single Fire or Dual Fire coils with a primary resistance between 2.5 and 3 Ohm. The VOES is tuneable. Use with ZPN238038 Tach Adapter

for Single Fire use in combination with an electronic tacho. Available in a version for stock to mildly tuned engines, as well as a version for engines with a seriously increased compression. The High Compression version is not recommended for kick start use. These Compufire ignitions fit 1970-1999 Big Twin (except Twin Cam) and 1971-2003 Sportster.

238107 Ignition Module Kit for stock to mild performance

238115 Street High Compression Ignition Module

238038 Tach adapter Single Fire use



COMPU-FIRE

COMPU-FIRE HIGH-PERFORMANCE IGNITION MODULES

Compu-Fire Ignition modules utilize the latest technology to provide the best ignition systems available for use on 1970 thru 1999 Harley-Davidson Big Twin and 1971 thru 2003 Sportsters. Problems associated with other brand (early) electronic ignitions have been identified and eliminated. Compu-Fire ignitions are reliable, tunable and super efficient to provide years of trouble free High-Performance riding. Compu-Fire ignition systems eliminate the "Black Box" of the OEM and some aftermarket systems, opting to include all the necessary electronics into the nose-cone. For convenience and accuracy, a static timing-light is built-in! This simplifies installation and allows quick easy static timing. These modules work with the stock mechanical advance unit and have no rev-limiter for added performance under all riding conditions. Installation on 1980 and later models with OEM electronic ignition requires the separate purchase of a mechanical advance unit. Use with coils with a 2-3 Ohm primary resistance.

238090 Dual Fire module for use with one spark plug per cylinder head

238091 Single Fire module for use with one spark plug per cylinder head

238038 Tach adapter Single Fire use

172052 Advance unit, includes advance unit base plate, spring and weights



ALTAMANN
MICRO MACHINES

AMM P3 TRUE-SINGLE-FIRE IGNITION

The AMM-P3 is a professional electronic ignition-system especially developed for Harley-Davidson Twin Cam, Milwaukee Eight and 2004 to present Sportster motorcycles. It is designed using the latest available technology, and implements a new approach of calculating the spark timing, resulting in an unrivalled resolution and accuracy. The AMM-P3 features the Synchro-Control-Mode, a proprietary development by AMM, capable of automatically optimizing engine torque through the entire rpm range. This is done in real-time by large-scale calculations in the 16 MHz ignition computer. This way, the AMM-P3 is able to reveal the full potential of the, Porsche developed, Twin Cam engines. Available with Softail or Dyna Glide coil mount or without coil mount for Custom applications.

- 5 (five) years limited warranty
- For all carburetor or Fuel Injection equipped Twin Cam, Milwaukee Eight & 2004-up Sportster
- Also for those who want to convert their EFI Fuel Injection equipped Evolution Big Twin model to carburetor.
- Independently adjustable advance, rise and rev-limit
- Supports all engine tuning levels (Big Bore, Stroker, Turbo Charged)
- Uses completely balanced advance-curves
- Perfect engine idle
- Only 6 wires to connect, no cable salad
- Independent of OEM wiring harness
- Needs no cam sensor and no map sensor
- Screw-connectors, no special tools required
- Harley-Davidson scanalyzer not required
- No engine TDC adjustment required
- No computer required
- Synchro-controlled ultra smooth engine performance
- Over-voltage and reverse current protection
- Very high spark energy with stock coil
- Made in Germany

239790 P3 ignition with Twin Cam Softail coil mount

239792 P3 ignition with Twin Cam Dyna coil mount

239794 P3 Ignition with Milwaukee Eight coil mount

239793 P3 ignition without coil mount for 2004 to present Sportster and Custom applications

239795 Black reinforced polyamide manifold for S&S Super G, Super D and Ultima R1 carburetor on Milwaukee Eight engines

239796 Black reinforced polyamide manifold for S&S Super E, Super B and Ultima R2 carburetor on Milwaukee Eight engines



S&S SUPER STOCK IGNITION SYSTEMS

The Super Stock ignition system is primarily intended for complete S&S engines and compromises high performance for a reasonable price. It's the right alternative for the S&S Intelligent Spark Technology (IST) ignition system or any other high performance ignition systems on the market. Like his more expensive IST brother, the Super Stock ignition system fits directly inside the Cam cover and features a similar break-in rev limit function to protect a new engine from damage with a fairly low initial rev limit. As the new engine accumulates running time, the rev limit is gradually increased. After 24 hours of operation the rev limit reaches the maximum 6,300 rpm. All Super Stock ignition systems are pre-programmed, simply because you do not need any adjustment. These programmed ignition curves are already custom tailored for the specific S&S engines. In addition to custom tailored curves, the module makes use of a Vacuum Operated Electrical Switch (VOES) to adjust timing under load or heavy acceleration to avoid detonation or knock. For technicians' support, each system has data logging capability. The recorded data is simply accessed by connecting a PC or laptop to the tachometer wire of the ignition. Each system includes S&S Super Stock Ignition module with hardware, Pick-up rotor with mounting screw, VOES switch with hardware, and all required wiring connectors.

Features:

- Single Fire operation, requires a Single Fire coil for single spark plug applications
- Dual plugged applications require a pair of two tower coils or a single four tower coil
- Minimum 3 Ohm primary resistance
- Pre-programmed, so no adjustment needed
- Overload and short circuit protection
- VOES retards timing under load or hard acceleration
- 6300 RPM rev limiter
- 24 hour break in rev limiter to prevent damage during break-in
- Data logging diagnostic capabilities
- All systems for Shovelhead style engines are kick start compatible

Data logging:

- Number of engine starts
- Total running time
- Amount of time of operation in several RPM ranges
- Maximum RPM
- Amount of time of operation at rev limit

Notes:

- S&S High output Single Fire coil ZPN750578 is recommended, must be ordered separately
- Generator style engines require a special timer, designed to accept an electronic ignition, and reverse timer gears

750579 Fits 80 CI Shovel style engines

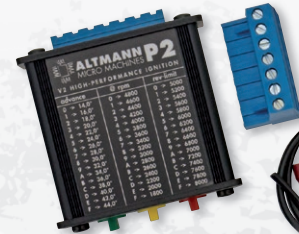
750580 Fits 93 CI Shovel & Pan style engines

750581 Fits 93 CI HC Shovel & Pan style engines

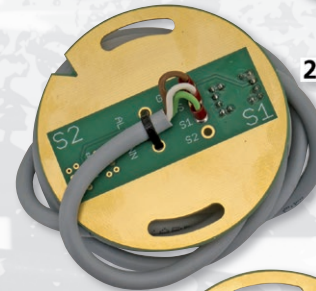
750583 Fits 96 CI Evolution style engines

750584 Fits S&S V100, V107, V113 Evolution style engines

750585 Fits S&S V111, V117, V124 Evolution style engines



239797



239799

239798



ALTAMANN
MICRO MACHINES

ALTAMANN AMM-P2 DUAL/SINGLE FIRE IGNITION

Completely adjustable ignition system with 32 bit architecture and precision. Has 256 selectable advance curves and 16 different rev limits. When you already have a cam sensor with a single pick up this ignition will work in Dual Fire mode with any Dual Fire (two-wire) coil. When your cam sensor has two pick ups the ignition works as Single Fire. Both Single fire and Dual Fire sensor plates are also available. Works on Shovelhead, Evolution Big Twin, Evolution Sportster thru 2003, Buell thru 2007. Note that changing from Dual Fire to Single Fire or vice versa requires a matching coil type.

239797 Altman P2 ignition

239799 Sensor plate for Dual Fire mode

239798 Sensor plate for Single Fire mode

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'VOES' SWITCHES

VOES is short for Vacuum Operated Electric Switch. Zodiac has them available as stock replacement for various models. Also available are Custom Kits to meet the demands of today's Bike Builders.

- 700953** 1986 thru 1993 Sportster, 1984 thru 1990 Softail and 1986 thru 1989 FLT (OEM 26558-84)
700954 1983 thru 1985 Sportster and 1984 thru 1990 FXR (OEM 26557-83)
700955 1991 thru 1995 Softail and Dyna and 1991 thru 1993 FXR (OEM 26566-91)

Custom kits

- 700956** Set at 3" of mercury
700957 Set at 4" of mercury
700958 Set at 5" of mercury
700959 Set at 6" of mercury, as used for S&S engines



CRANKSHAFT POSITION SENSOR

Crankshaft position sensors as found on many 1995 to present Harley-Davidson models.

- 756240** Fits 1995 thru 1998 Fuel Injected Touring and all 1999 Twin Cams. USA made (OEM 32447-95)
756260 Fits 2000 Touring & Softail and 2000 thru 2003 Dyna. USA made (OEM 32798-00B)
756292 Fits 2001 thru 2016 Touring, 2001 thru 2017 Softail, 2004 thru 2017 Dyna and 2004 to present Sportster, S&S Cycle (OEM 32707-01B, 32798-04C, 32804-04C)



MSD LED SHIFT LIGHT

Save your engine. For the sporty type riders we offer this very compact Shift Light. Features a bright LED that will alert you to shift to a higher gear at your desired rpm point. Illuminates bright enough to see easily in the daylight. Works with factory or other aftermarket ignition systems through a rpm activated switch.

711800 MSD LED Shift light



MAP SENSORS AND REPLACEMENT PARTS FOR ELECTRONIC FUEL INJECTION

MAP sensors and replacement parts for the OEM Electronic Fuel Injection (EFI) as found on FLH/FLT 1995 to present, Twin Cam 2001- 2017, V-Rod 2002-2017 and Sportster 2007 to present. All replacement parts meet or exceed factory specifications. Available are the fuel injectors, IAS kits (Intake Air Temperature Sensor), MAP (Manifold Air Pressure) sensor, TPS (Throttle Position Sensor), and fuel pressure regulator. MAP sensors ZPN236895 and 236909 are the latest updated version, please note that applicable models are not exactly the same as for the initial issued parts. All these parts are sold each.

- 722018** [A.] Fuel injector, fits 2001-2005 Softail, 2002-2005 Dyna, and 2002 to present Touring (OEM 27609-01, 27609-04)
721734 [B.] Intake air temperature sensor kit for Magneti Marelli EFI, fits 1995-2001 Touring, made by Standard Motor Products (OEM 27270-95)
760545 Intake air temperature sensor kit for Magneti Marelli EFI, fits 1995-2001 Touring, S&S/Viola V-Twin (OEM 27270-95)
722016 [C.] Barometric sensor, 1995-1998 for Magneti Marelli Fuel Injected Big Twin, made by Standard Motor Products (OEM 32424-95)
742016 [D.] MAP sensor, fits 1998-2003 XL 1200S, 1999-2009 Softail, 1999-2006 Touring and 1999-2009 Dyna, made by Standard Motor Products (OEM 32316-99)
239714 MAP sensor, fits 1998-2003 XL 1200S, 1999-2009 Softail, 1999-2006 Touring and 1999-2009 Dyna, S&S (OEM 32316-99)
760544 MAP sensor, fits 1999-2017 Dyna & Softail, 1999-2007 FLH/FLT, 2001-2017 V-Rod and all Sportster 1998-2006, except 1998-2003 XL 1200S. S&S (OEM 32416-10, 32417-10, 32424-98)
236898 MAP sensor, fits 2007 to present Sportster including XR 1200, and 2008 to present FLH/FLT, Genuine (OEM 32319-07)
721999 [E.] Engine temperature sensor, fits 1999 to present Touring, 2001-2017 Dyna and 2001 to present Softail (OEM 32446-99)
721733 [F.] Fuel pressure regulator for Magneti Marelli EFI (OEM 27219-95)
722843 [G.] TPS sensor for Magneti Marelli EFI, fits 1995-2001 FLH/FLT (OEM 27271-95)
722161 [H.] TPS sensor, fits 2007 to present Sportster, 2001-2005 Softail, and 2002-2005 FLH/FLT (OEM 27629-01)
701391 [I.] TPS sensor, fits 2006-2015 Softail, 2006-2007 Touring and 2006-2017 Dyna with cable operated throttle (OEM 27659-06)
748805 TPS sensor O-ring only, fits 2006-2015 Softail, 2006-2007 Touring and 2006-2017 Dyna with cable operated throttle, 10-pack, Cometic



DYNA SHIFT MINDER SYSTEM

The Dyna shift minder system consists of two elements, the electronic module and the indicator light. The compact indicator light has an amber collecting lens that can be easily seen and uses a 6 Watt bulb held in place with a coil wound spring in a bayonet style socket. The indicator measures 1 1/2" diameter by 3 1/2" long. The electronic module has a 6 station switch that provides 32 possible settings in 125 RPM increments. The operation is within .01 seconds of reaching the selected RPM with no on/off jitter or fading.

233756 Shift minder system

711251 Replacement bulb



PINGEL BRACKETS

These brackets are designed by Pingel to mount Dyna's Shift-Minder System to your handlebars. Made from 6061 billet aluminum with a mirror-shine polished finish. Available for 7/8" (22mm) and 1" (25, 4mm) handlebars.

720279 Fits 7/8" handlebars

720280 Fits 1" handlebars





SAFETY KILL SWITCH WITH DYNA SHIFT MINDER BRACKET

Kill switches are mandatory for drag racing. This two-piece tether kill switch is designed by Pingel to mount Dyna's Shift Minder System to your handlebars. Made from 6061 billet aluminum with a mirror-shine polished finish. Available for 7/8" (22mm) and 1" (25, 4mm) handlebars.

720277 Fits 7/8" handlebars

720278 Fits 1" handlebars



"FIRE-POWER" REPLACEMENT COILS
American made stock replacement coils for the different 12 Volt models coils used from 1965-1979 and 1984-2003. All have the same model as the late-model electronic ignition coil but they feature the exact same electrical specifications as the Original Equipment part they replace.

233716 Fits all 12 Volt models Big Twin or Sportster 1965-1979 with points or Prestolite electronic ignition (OEM 31609-65A)

233718 Fits all Sportster models 1985 thru 2003 and all Big Twin late 1984 thru 1999 equipped with V-Fire III electronic ignition (OEM 31614-83)



SINGLE-FIRE SUPER COIL

Accel's new Single Fire 3 Ohm Super Coil is just as powerful as the original Super Coil. This is the perfect replacement or upgrade and will bolt right on with no modifications. Fits all Harley's with electronic Single Fire ignition system, except Twin Cam.

731523 Single Fire Super Coil

731444 Black

731445 Chrome



ACCCEL STEALTH SUPER COILS

Accel claims their Stealth Super Coils are the hottest looking and best performing ignition coils on the market. Accel Stealth Super Coils eliminate the need for ignition wires forever by mounting the coil directly to the spark plug. A beautiful cast aluminum cover holds the coil in place and acts as a functional heat sink to pull heat away from the cylinder head. All wiring is hidden in the fins of the head for a clean and custom look. Available in black or silver that match stock Harley engine colors for a true, Stealth look.

Fits 2007 to present Sportster

747070 Black with highlighted fins

747071 Natural aluminum

747072 Black

Fits 2002 thru 2008 Fuel Injected Touring models

747066 Black

747067 Silver

Fits Fuel Injected Softails 2001 thru 2017, Fuel Injected Dyna's 2004 thru 2017 and Fuel Injected Touring models 2009 thru 2016

747068 Black

747069 Silver



ACCCEL HE1 SUPER COIL

Accel claims that these Super coils, which are available in both point and electronic versions, produce up to 67% more voltage than stock coils. They also claim a faster rise time and longer spark duration which provides quicker starting, an improved idle and crisper throttle response. Other features of these American made coils include a unique finned top which acts as a voltage dam to prevent arcing, carbon-tracking and "flash-over", as well as improved configurations to permit simple bolt-on installations.

Fits all models 1965 thru 1979 with Dual Fire point, Dyna "S" or Prestolite triggered ignition

232024 Yellow

747037 Black

747038 Chrome

Fits Big Twin 1980 thru 1999 and Sportster 1980 thru 2003 with electronic triggered Dual Fire ignition, except Twin Cam

232025 Yellow

747039 Black

747040 Chrome



ACCCEL SUPER COIL

This is the most powerful coil that Accel builds for Harley-Davidson applications. Its extremely high output requires the use of 8.8mm silicone racing wires which are included. Comes complete with chrome brackets, hardware and installation instructions. The Super Coil fits with either points or electronic triggered Dual Fire ignition on 1965 thru 1999 Big Twins and Sportsters 1965 thru 2003.

231910 Super coil, 3 Ohm, yellow (complete kit)

747036 Super coil, 3 Ohm, black (complete kit)

231719 8.8 Universal fit 90 degree yellow plug wire kit only

233707 8.8 Universal fit 90 degree black plug wire kit only

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ACCCEL POWER PULSE COIL

Accel's Power Pulse Coil features greater available spark duration than stock coils. Molded in bright yellow or black impact resistant thermo-plastic compound. This coil is guaranteed to improve throttle response and top end performance on 12 Volt Harley's. Works super with Armored Shield Ignition wires. 12 Volt points, Dyna "S" or Prestolite triggered Dual Fire ignitions 1965 thru 1983 use the 5 Ohm coil, 1984 and later models with stock electronic ignition use the 3 Ohm coil.

231909 Yellow Accel 5 Ohm Power Pulse coil

747035 Black Accel 5 Ohm Power Pulse coil

747034 Black Accel 3 Ohm Power Pulse coil

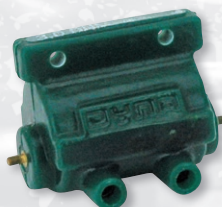


COMPU-FIRE IGNITION COILS

A new generation of closed core design coils. They produce far more energy than other aftermarket coils. The more compact, smaller package gives them that special look. Designed for use with electronic ignition.

Dual tower model

238121 Dual tower coil



DYNA-MITE COILS

Dyna products has developed two "hot" coils for Harley-Davidson Big Twins and Sportsters. These American made, top quality, High-Performance coils replace the stock coil. Dyna-mite coils produce spark Voltages in excess of 30,000 Volts and spark energies second-to-none. All Dyna coils are guaranteed against defects in materials and workmanship. Choose from three variations of resistance for different applications. Dyna coils are tested and proven on street, racing and touring motorcycles for over eight years. You can't buy a better, more powerful coil for your Harley. Dyna-Mite coils are for use with stock and aftermarket Dual Fire ignition systems.

232292 3.0 Ohm for use with electronic ignition, as well as Dyna "S" ignition for race use

232293 5.0 Ohm for use with points ignition, as well as Dyna "S" ignition for Street use



DYNA'S TCC IGNITION COIL FOR TWIN CAM

Dyna's TCC ignition coil is specifically designed for Twin Cams. The Dyna coil has a primary resistance of only 0.50 Ohms, which is even less as the stock coil. This coil is perfect for stock or any aftermarket Twin Cam ignition system. Fits carburetor equipped Twin Cam Softail 2000-2006, carburetor equipped Touring 1999-2006, Fuel Injected Touring 1999-2001, carburetor equipped Twin Cam Dyna 1999-2006 and Sportster 2004-2006. Installs with the OEM connectors or order kit ZPN 760132 separately.

232578 Dyna DC6-6 ignition coil

760132 Connector kit (OEM 72273-95 + 7228-95 + 72033-93)



797099



747032



747033



ACCCEL SUPER COILS

Accel claims that their Super Coils feature faster rise time, higher voltage and that they maximize spark energy to the spark plug. With their 0.5 Ohms primary resistance these coils have a slightly lower primary resistance as the stock coils. Available for both carburetor and Fuel Injection equipped models, both in stealth black. Designed to fit in OEM locations and like all Accel Super Coils they carry Accel's famous Lifetime Replacement Warranty.

797099 Fits 2004 thru 2006 Sportster, all 1999 thru 2006 carburetor equipped Dyna and FLH/FLT Touring models, and all 2000 thru 2006 carburetor equipped Softail (OEM 31655-99)

797098 Fits 2001 thru 2006 Fuel Injected FLH and FLT models and 2005 thru 2011 Fuel Injected Dyna (OEM 31743-01)

747032 Fits 2007 to present Sportster including XR 1200 (OEM 31656-07)

747033 Fits all 2008 to present Touring, Dyna and Softail, except FXCW, FXCWC Rocker and FXS Blackline (OEM 31696-07A)



DYNA TWIN FIRE II MINIATURE COIL Single Fire just got easier thanks to the latest advance in ignition coil technology. High technology materials now make it possible to put two coils in the same space as the stock coil with greater output. Not suitable for electronic ignitions with mechanic advance.

Features and benefits:

- No exposed laminations to rust and degrade performance
- High voltage and primary terminals machined from brass
- Ultra-sonically welded and sealed against moisture
- Compact size fits easily under stock covers
- Peak gap current in excess of 50 MA
- High impact thermo-plastic housing
- Over 40,000 volts per output
- Accepts 7mm to 8mm wires
- 1 Year warranty

232250 Twin-Fire II Miniature coil



ECO LINE HIGH PERFORMANCE SINGLE FIRE IGNITION COIL

This High Performance ignition coil is in fact two Single Fire ignition coils build into a small package. It is so small that it fits the stock coil bracket and stock coil cover in most applications. Coil has a 40,000 Volt output on each side and has a 3 Ohm primary resistance. Works with most aftermarket Single Fire ignitions with electronic advance on single cam Big Twins and Sportsters thru 2003.

748131 Eco Line Single Fire coil, black

748146 Eco Line Single Fire coil, chrome



NOLOGY

NOLOGY "FULL SIZE" RACING COILS

These High Performance ignition coils feature the most impressive performance data. They were specially designed to supply the energy needed for trouble free High Performance and high RPM operation. They have the quickest rise time, substantial energy reserves and provide a spark voltage that is in excess of 45,000 volts throughout the entire RPM range. Highly recommended for Drag-Race applications.

239152 Dual Fire coil, 1.5 Ohm

239153 Dual Fire coil, 3.0 Ohm



NOLOGY

NOLOGY'S PRO-FIRE COIL

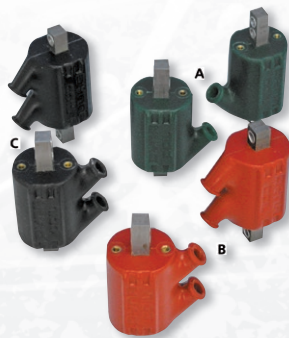
If you want the best coil available for your High Performance Harley, here's what you should have. These coils will ensure you of trouble free performance and high RPM operation, as they were designed to have the quickest rise time and substantial energy reserves. They will deliver just the kind of spark you need for maximum performance. Sold each.

Pro-Fire 1, works with S&S HI-4, Compu-fire Elite 1, Dyna 2000, and stock OEM ignition

WARNING: Pro-Fire ignition coils are designed to work with electronic ignition systems, never use them with points ignitions.

239147 Single tower, 3.0 Ohm

239148 Dual tower, 3.0 Ohm



DYNA-TEK

dyna performance electronics

DYNA-MITE COILS WITH ANGLED TOWER BY DYNA-TEK

Like all Dyna coils these coils are high quality, American made performance coils, designed to provide spark voltages in excess of 30,000 Volts and spark energies second to none. These Dyna coils can be used in combination with all OEM and aftermarket electronic and points type ignition systems. Coils are available in 6 and 12 Volt with either dual or single tower for use with 2 or 4 plug heads, and Single or Dual Fire ignition systems. If peak performance is your goal, install Dyna coils today. You can't buy a more reliable, more powerful coil for Harley-Davidson motorcycles. Wiring diagram is included with each set of coils.

Note: 5 Ohm coils are for use with points ignition as well as for street use with a Dyna "S" ignition. 3 Ohm coils are for use with electronic ignition or race use with a Dyna "S" ignition. The ZPN232287 coils are fitted serial and consequently work as a 12 Volt 3 Ohm coil.

232286 [A.] Set of 2 Single tower coils for use with Single Fire ignition systems and 1 plug per head (12 Volt 3.0 Ohm)

234363 Set of 2 Single tower coils for use with Single Fire points ignition and one plug per head (12 volts 5.0 Ohm)

232287 [B.] Set of 2 Dual tower coils for use with Dual-Fire ignition and 2 plugs per head (6 Volt 1.5 Ohm)

232288 [C.] Dual tower coil for use with Dual Fire ignition and 1 plug per head or use two pcs. for Single Fire ignition and 2 plugs per head (12 Volt 3.0 Ohm)

234360 Set of 2 Dual tower coils for use with Single Fire ignition systems and 2 plugs per head (12 Volt 5.0 Ohm)

234361 Dual tower coil for use with Dual Fire points ignition (12 Volt 5.0 Ohm)



S&S IGNITION COIL FOR TWIN CAM

Replacement ignition coil for Twin-Cam models. Meets or exceeds OEM specifications. These coils have a primary resistance of only 0.5 Ohms, perfect for stock and aftermarket Twin Cam ignition systems. Fits carburetor equipped Twin Cam Softail models 2000-2006, carburetor equipped Touring 1999-2006, Fuel Injected Touring 1999-2001, carburetor equipped Dyna Twin Cam 1999-2006 and Sportster models 2004-2006. Installs with the OEM connectors or order kit ZPN 760132 separately.

710952 S&S Twin Cam ignition coil (OEM 31655-99)

760132 Connector kit (OEM 72273-95 + 7228-95 + 72033-93)



IGNITION COIL FOR TWIN-CAM MODELS

Replacement ignition coil for Twin-Cam models. Meets or exceeds OEM specifications. These coils have a primary resistance of only 0.7 Ohms, perfect for stock or aftermarket Twin-Cam ignition systems, such as our AMM "P3" ignition. Fits carburetor equipped Twin-Cam Softail models 2000 thru 2006, carburetor equipped FLH/FLT models 1999 thru 2006, carburetor equipped Dyna Twin Cam models 1999 thru 2006 and Sportster models 2004 thru 2006 (OEM 31655-99).

Note: These coils (or any other 0.7 Ohm coil) can not be used with points or conventional electronic ignitions. They will seriously damage your ignition system.

742015 Ignition coil, USA made by Standard Motor Products



DYNA-TEK

dyna performance electronics

DYNA MINIATURE COILS

As one of the leaders in the industry Dynatek is making life easy for the custom builder. The latest advanced magnetic core technology delivers high output in one of the smallest packages available. Great for custom bikes where coils need to be hidden. These coils measure only 10.6 cm x 5.8 cm x 4 cm (4.2" x 2.3" x 1.6"). Dyna miniature coils for use with the Dyna 2000 and 3000 series ignitions, factory installed electronics, or other after-market ignitions that employ dwell control. These Miniature coils have a secondary output of 35,000 Volt with and spark energy of 50 mJ.

730594 Dyna mini coils 3 Ohm dual output, set of 2

730595 Dyna mini coil 3 Ohm dual output, each

730596 Dyna mini coils 3 Ohm single output, set of 2

730597 Dyna mini coil 3 Ohm single output, each

Dyna coils for use with the Dyna TC88 series ignitions or factory installed electronic ignitions that use low resistance coils. The TC88 Miniature coils have a secondary output of 40,000 Volt and spark energy of 50 mJ. Note: These coils should NOT be used with the Dyna "S", or any other first generation style electronic ignition system.

730598 Dyna mini coils 0.5 Ohm, set of 2 dual output

730599 Dyna mini coil 0.5 Ohm dual output, each

730600 Dyna mini coils 0.5 Ohm, set of 2 single output

730601 Dyna mini coil 0.5 Ohm single output, each

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ECO LINE HIGH PERFORMANCE IGNITION COILS

Eco Line high performance ignition coils have a slightly lower primary resistance than the stock coils and give more than 50mJ and over 40,000 volts. This results in more power, better fuel economy and cleaner spark plug tips for a better running engine. Coils for Delphi Fuel injected models feature Ion sense feedback for perfect compatibility with the stock Harley Electronic Control Module.

748147 [A.] Fits 1998 thru 2003 XL1200S with dual plugged heads (OEM 31646-98)

748129 [B.] Fits 1995 thru 1998 Magneti Marelli Fuel Injected Touring models (OEM 31639-95)

748128 [C.] Fits 1999-2001 Magneti Marelli Fuel Injected Touring models & 1999-2002 Buell (OEM 31639-99)

748130 [D.] Fits 2004 thru 2006 Sportster, all 1999 thru 2006 carburetor equipped Dyna and FLH/FLT Touring models, and all 2000 thru 2006 carburetor equipped Softail (OEM 31655-99)

748132 [E.] Fits 2002 thru 2006 Fuel Injected Touring models, all 2001 thru 2006 Fuel Injected Softail, 2012-2017 FLS Softail Slim and 2005 thru 2011 Fuel Injected Dyna (OEM 31743-01)

748133 [F.] Fits 2007 to present Sportster including XR 1200 (OEM 31656-07)

748134 [G.] Fits all 2008-2016 Touring, 2007-2017 Dyna and Softail, except FXCW & FXCWC Rocker, FXS BlackLine and FXSB Breakout (OEM 31696-07A)

748148 [H.] Fits 2008 thru 2010 FXCW and FXCWC Rocker (OEM 31684-08)

748149 [I.] Fits 2011 FXCWC Rocker, 2011 thru 2013 FXS Blackline and 2013-2017 FXSB Breakout (OEM 31684-11)

748127 [J.] Fits all 2002 thru 2017 V-Rod, 2 needed per bike (32477-01A)

748126 [K.] Fits all 2017 to present Touring & Trike (OEM 31600017)



Daytona Twin Tec

HIGH OUTPUT SINGLE FIRE COIL

The new coil from Twin Tec has a 3 Ohm primary resistance and produces more than 45,000 Volt. This set of "Two ignition coils into one package" works well with most aftermarket Single Fire ignitions and can be mounted on the stock bracket and fits stock cover.

741972 High output, 3 Ohm, Single Fire coil



MSD "BLASTER" SINGLE FIRE COIL

MSD's V-Series "Blaster" coil is great for use with MSD's V-Series nose cone ignition (ZPN711835) when you want to run Single Fire. This coil is also an ideal upgrade for Twin Cam models.

711836 MSD Single Fire coil



Daytona Twin Tec

IGNITION COIL FOR FUEL INJECTED TWIN-CAM MODELS

Replacement ignition coil for Fuel Injected Twin-Cam models. Meets or exceeds OEM specifications. These coils have a primary resistance of only 0.7 Ohms, perfect for stock and most aftermarket Twin-Cam ignition systems. Fits Electronic Fuel Injection equipped Twin Cam FLH and FLT models 2002 thru 2007 and Electronic Fuel Injection equipped Dyna Twin Cam models 2005 thru 2011 (OEM 31743-01).

Note: These coils (or any other 0.7 Ohm coil) can not be used with points or conventional electronic ignitions. They will seriously damage your ignition system.

742030 Ignition coil, USA made by Daytona Twin Tec



Daytona Twin Tec

TWIN TEC SINGLE FIRE MINI COIL KIT

Very powerful package, spark voltage is in excess of 45,000 volts measured over the entire rpm range, and spark energy is as impressive. Despite their size of just 3 1/2" x 1 1/2" x 2 3/4" (85mm x 40mm x 60mm), the energy storage capability and power reserves are very high. The 3 Ohm coils are compatible with Single Fire ignitions such as Twin Tec's 1005 & 1007 series, S&S Hi-4 and Dyna 2000 series. Features a wire set, which is pre-terminated with both 90° and 110° spark plug boots. Wires are 23 1/2" (600mm) and 17" (430mm) long. Comes with an extra set of 90° plug boots with connectors and detailed instructions.

741995 Twin Tec 3 Ohm mini coil kit



S&S HIGH OUTPUT SINGLE FIRE COIL

This Single Fire coil is actually two separate coils in a single package. Works well with any Single Fire ignition system. Coil impedance 3 Ohm. For sure this is the perfect complement for the S&S IST Ignition System. Not compatible with the S&S Variable Fuel Injection System.

750578 S&S High output Single Fire coil (S&S 55-1571)



SPYKE HIGH-OUTPUT COILS

Spoke's 80,000 Volt, 3 Ohm High Amperage coils could be just what you're looking for to power up your ignition. These coils have an extremely quick rise and fall time which equate to a much hotter spark. Spoke's High-Output coils fire at extremely low voltage to aid in firing your bike when your battery is low. These coils will mount on the stock location using the stock cover. Available for both Dual Fire and Single Fire electronic ignitions.

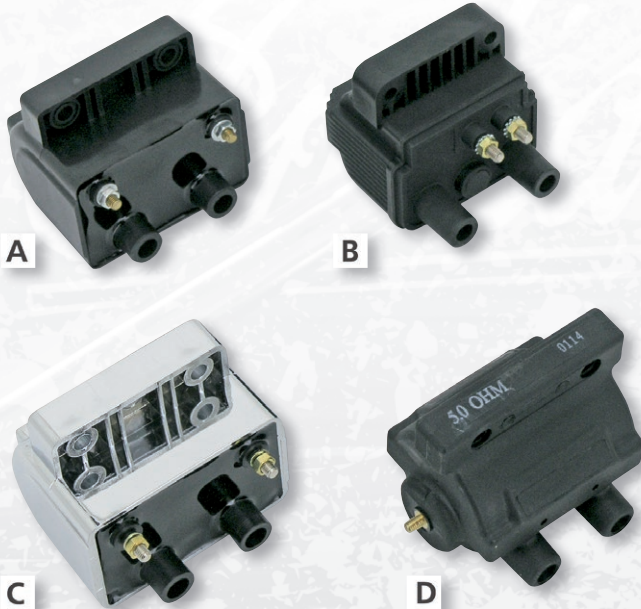


721215 Dual Fire coil



721214 Single Fire coil



**ECO LINE HIGH-POWER IGNITION COILS**

Eco Line High Power Dual Fire ignition coils in a compact housing that bolts straight into the stock location. These ignition coils are economically priced but offer 30,000 Volts that typically increases peak spark voltage by 20% or more. Improves starting, eliminates high speed miss fires and increases mileage and overall performance.

Note: Dual Fire ignitions have one set of breaker points or one pick up. Single Fire ignitions have two set of breaker points or two pick ups. A Dual Fire coil will not work with a Single Fire ignition and a Single Fire coil will not work with a Dual Fire ignition.

Fits 6 volt applications, has 1.3 Ohm primary resistance

748135 Style A, Black
748139 Style C, Chrome

Fits 1965 thru 1979 models with point, early Prestolite, Dyna-S or other Dual Fire ignitions with mechanical advance. Coil has 5.0 Ohm primary resistance (OEM 31609-65A)

748143 Style B, Black
748140 Style C, Chrome
748136 Style D, Black

Fits 1980 thru 1984 Big Twin and Sportster models with the stock V-Fire I or V-fire II electronic ignition. Coil has 4 Ohm primary resistance (OEM 31609-80)

748144 Style B, Black
748141 Style C, Chrome
748137 Style D, Black

Fits 1985 thru 1999 Evolution Big Twin, 1985 thru 2003 Sportster (except 1998 thru 2003 XL1200S) and Buell thru 2002 with stock or aftermarket Dual Fire ignition with electronic advance. Coil has 3 Ohm primary resistance (OEM 31614-83)

748145 Style B, Black
748142 Style C, Chrome
748138 Style D, Black



"FIRE-POWER" IGNITION WIRE SETS
USA made high-performance wire kits available in yellow or black. Each kit includes a sufficient amount of wire with

molded rubber plug and copper crimp on connectors.

Copper core, fits FL/FX/XL thru 1979 as well as Triumph, BSA and other twins

231703 Yellow plug wire kit
233700 Black plug wire kit (OEM31980-65B)

Suppression core (resistor wire), fits all models with electronic ignition 1980-1999 except Twin Cam

233702 Black plug wire kit (OEM 31988-85T)

**VINTAGE STYLE SQUARE COIL**

Genuine Zodiac replicas from the early and late style stock spark coils as found on vintage models. Coils come complete with mounted bracket, plug wires and spark plug caps. Other mounting hardware must be ordered separately. Available in stock 6 Volt, but also for models that have been converted to 12 Volt. Not compatible with 1978 and later electronic ignition.

Fits 1930-1947 Sidevalve Big Twin, 45CI Solo and 45CI Servicar

152130 Spark coil with cables, black (OEM 31602-30)
152132 Spark coil with cables, chrome (OEM 31602-30)
152134 Spark coil with cables, black, 12 Volt
152136 Spark coil with cables, chrome, 12 Volt
780004 Complete coil mount kit 1930-1936 VL and 1929-1947 45's, parkerized, Colony
781303 Complete coil mount kit 1937-1948 U, UL & ULH Flatheads and 1936-1947 EL, ELF & ELH Knuckleheads, parkerized, Colony



745836 U-bolt with nuts, cad plated (OEM 31735-29)
745837 U-bolt with nuts, chrome plated (OEM 31735-29)
745838 U-bolt with nuts, black parkerized (OEM 31735-29)
780001 U-bolt strap, set of 2, black parkerized (OEM 31731-29)
780002 U-bolt strap, set of 2, cad plated (OEM 31731-29)
780255 Coil strap for radio shielding on Army models (OEM 1730-41M)
780003 Coil mount plate, chrome (OEM 31726-30)

745985 Front spark plug cable bracket (OEM 32000-37)

Fits 1948-1960 OHV Big Twins, 1948 Sidevalve Big Twin, and 1956-1963 Servicar

152106 Black 6 Volt square coil (OEM 31604-48)
152102 Chrome 6 Volt square coil (OEM 31604-48)
152108 Black 12 Volt square coil
152104 Chrome 12 Volt square coil
232060 Set of 2 coil studs with nuts and washers, cad plated, Colony (OEM 4592-48, 72341-48)

**THUNDERBOLT COILS**

Improved version to the classic round-style coils. Internal windings are 100% immersed in a genuine oil-filled jacket which cannot become brittle or crack like in cheaper versions. Available in a 6 Volt and 12 Volt version. Replaces the OEM coil on 1947 and up Harley's. Produces a 10% higher output than the stock coil.

152090 Coil complete with yellow plug-wires, bracket and hardware, 12 Volt
152110 Coil without bracket but with black plug wires, 6 Volt
152111 Coil without bracket but with black plug wires, 12 Volt
153502 Bracket, chrome finish

**SPARK PLUG WIRE KIT**

20" long (50cm) with spark plug cap. Will fit any coil with "plug-in" connector as used on Harley's. Also fits our dual lead coils (non resistor type) (OEM 31981-65B).

154000 Spark plug wire set

01
HELMETS,
LUGGAGE,
AUDIO & MORE

02
SEAT

03
EXHAUST

04
ELECTRIC
& LIGHT

05
ENGINE
ELECTRICS

06
INTAKE

07
ENGINE

08
PRIMARY

09
TRANSMISSION

10
FINAL DRIVE

11
WHEELS &
TIRE

12
BRAKE

13
FOOT
CONTROL

14
HANDLEBAR

15
FRONT
SUSPENSION

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FRAME
& SHOCKS

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NOLOGY

POWER CORE IGNITION COIL AMPLIFIER

The Power Core ignition coil amplifier increases the coil's output performance of any inductive ignition system by up to 50%. Simply connect the Power Core to the primary side of the coil and the coil's energy storage capability, spark energy and the available spark voltage will be increased, without effecting the coil's RPM limit. The hotter and more powerful spark the coil produces, will ignite the air/fuel mixture much quicker, more reliable, and more efficiently. This will increase horsepower and torque, and will decrease fuel consumption and emissions. This makes the Power Core absolutely essential for high compression and/or high RPM applications. Available in red and black for a match with the Nology Hot Wires. Power-Cores are available for electronic as well as points ignition. Special Nology racing cores are available for those who want the ultimate spark for very high compression engines.

For use with points ignition

239180 Black, for use with 5.0 Ohm points coils

For use with electronic ignition

239155 Red, for use with 0.6 Ohm coils
239157 Red, for use with 3.0 Ohm coils
239178 Black, for use with 3.0 Ohm coils

For racing purposes (not recommended for street use)

239158 Red, for use with 3.0 Ohm coils
239179 Black, for use with 3.0 Ohm coils



COMPU-FIRE

COMPU-FIRE PLUG WIRE SETS

Complete plug wire sets for your Compu-Fire ignition systems. 8mm spiral wound, black silicone wires with black caps.

238096 2 Wire set
238097 4 Wire set



ACCEL 300+ IGNITION WIRE SETS

Accel's 300+ Race Wires provide peak ignition output you need for race-winning or maximum street performance. The extra thick 8.8mm silicone jacket and silicone insulation eliminate electrical "leakage" or RFI interference that interrupts control modules. The ultra-strong Aramid core and fiberglass braiding provide resistance to vibration and "wire stretch" to make a wire set that is durable and reliable. The low 150 Ohms/foot resistance Ferro-Spiral core material delivers maximum spark energy to the spark plugs without diminishing or suppressing the spark energy. 300+ Wire is available in custom fit sets that are made for easy installation. Accel 300+ Wire is recommended for use on points-style as well as electronic ignitions. Accel recommends the use of these wire sets in combination with their U-groove spark plugs.

710367 Fits 1986 thru 2003 Sportster models

710359 Fits 1999 thru 2003 Sportster Sport models with 2 plug heads

710357 Fits 1999 thru 2006 carbureted Dyna models and 1999 to present carbureted Buell models

710358 Fits 1999 thru 2008 FLH and FLT series Touring models and 2004 thru 2006 Sportster models

710368 Fits 2000 thru 2008 carbureted Softail models

710356 Fits 1996 thru 1998 Buell models



BULK SPOOLED IGNITION WIRE

Accel's yellow 8.8mm suppression core ignition wire on a 60 feet spool. Perfect for custom builders or shops looking to make wire sets in custom lengths. The extra thick 8, 8 mm silicone jacket and silicone insulation eliminates electrical "leakage" or RFI interference that interrupts control modules. Features high capacity conductor graphite RFI suppression core as required for use with electronic ignition. Sold to dealers on 60 feet (18 meter) spools.

731547 Ignition wire yellow graphite



797073



797074



797080



797083



ACCEL 8.0 S/S FERRO-SPIRAL CORE PLUG WIRES

Accel's 8.0 S/S wire sets feature the same great features as the 300+ Series, such as an extra thick 8mm silicone jacket and silicon insulation. These features eliminate electrical "leakage" or RFI interference, that interrupts electronic ignitions and especially the Delphi fuel injection systems found on many Twin-Cam motorcycles. Accel claims that their S/S Wire can deliver up to 5 times more peak energy than "Screaming Eagle" wire sets, even at high temperatures over 500°F (260°C). The ultra-strong Aramid core, together with the fiberglass braiding provide resistance to vibration and "wire stretch", making them durable and reliable. The low 500 Ohms/ft. resistance Ferro-Spiral core material delivers maximum spark energy to the spark plugs, without diminishing or suppressing the spark energy. Compare that to the 2, 500 Ohms/ft common in many other top-of-the-line wire sets and you know why the Accel S/S wire is what you need for getting the best performance out of your motorcycle. S/S Spark Plug Wires are available in custom fit sets that are pre-terminated and ready for quick and easy installation. Accel S/S Wire sets are recommended for use on both carbureted and fuel injected motorcycles.

Fits 1999 thru 2008 air cooled Buell models

797075 Black
797073 Yellow
797074 Blue
797076 Red

Fits all 2004 thru 2006 Sportster

797083 Black
797081 Yellow
797082 Blue
797084 Red

Fits all 2007 to present Sportster, except XR 1200

747049 Black
747051 Yellow
747048 Blue
747050 Red

Fits all 2008-2013 XR 1200

747057 Black
747059 Yellow
747056 Blue
747058 Red

Fits all 1999-2017 Dyna models

797075 Black
797073 Yellow
797074 Blue
797076 Red

Fits all 2000-2017 Softail models except FXCW Rocker and FXSB Breakout

797079 Black
797077 Yellow
797078 Blue
797080 Red

Fits all 1999 thru 2008 FLH and FLT series Touring models

797083 Black
797081 Yellow
797082 Blue
797084 Red

Fits all 2009-2016 FLH/FLT Touring models

747053 Black
747055 Yellow
747052 Blue
747054 Red



ACCEL 8.8 RFI IGNITION WIRE KITS

Accel, 8.8 ready to install, custom fit wire sets. The diameter of the wire has been increased to 8.8mm to prevent spark energy from leaking through the insulation. Extra thick silicone jacket covers strong fiberglass braid that covers another layer of premium silicone. This dense insulation, covers a high capacity conductor Graphite RFI suppression, which is required for the Harley electronic ignition, to prevent damage to their ignition module. For street or race-track use.

231897 Fits FXR models 1982-1994

231896 Fits Evolution Sportster 1986 thru 2006

231898 Fits Sportster models late 1978 thru 1985, FX 1985 thru 1986, Softail models 1984 thru 1999 and Dyna 1991 thru 1998

231899 Fits FL/FX (E) 1979 thru 1982, FXWG 1983-1986

**ACCEL 8.8 IGNITION WIRE SETS**

Premium quality ACCEL 8.8mm ignition wire in universal kits, available for 2-plug applications for electronic or points & magneto ignitions. Wires are pre-terminated with either 90 degree or vari-angle heavy duty spark plug boots. Kits contain one 42" (107cm) wire. Cut to the desired length and install the brass terminals and coil boots according to the included instructions. The ultimate in performance and reliability for street and racing use.

Fits all Big Twin and Sportster with points or magneto ignition

231719 8.8 Universal fit 90 degree yellow plug wire kit only

Fits electronic ignition equipped Sportster thru 2003 and Big Twin thru 1999, except Twin Cam

233707 8.8 Universal fit 90 degree black plug wire kit only

300+ Race Wire, 150 ohms per foot for race-winning or maximum street performance. Fits electronic ignition equipped Sportster thru 2003 and Big Twin thru 1999, except Twin Cam

234528 8.8 Universal fit 90 degree black plug wire kit only

234529 8.8 Universal fit variable angle black plug wire kit only

**FIRE POWER UNIVERSAL PLUG WIRE**

High quality non resistance plug wire with pure copper core for custom made plug wires. Provides mechanical and electrical improvements with a dielectric strength of over 100,000 volts. Available in black silicon only.

239230 Silicon plug wire, black (5mtr)

**CUSTOM PLUG WIRE KITS**

These Custom plug wire kits are designed as a stock replacement for all 2000 to present Softail models, 1999 to present Dyna Twin-Cam models, 1999 to present FLH and FLT "Touring" models and 2004 to present Sportster models. They feature factory installed coil and plug boots. Available in a variety of colors.

Fits 1999-2017 Dyna models and 2000-2017 Softail models, except Rocker and Breakout

Includes one 18" (46cm) and one 7" (18cm) long plug wire, 90 degree plug boots & 180 degree coil boots.
701171 Black
701173 Red
701175 Yellow
701179 Orange

Fits 2008 thru 2011 FXCW and FXCWC Rocker, 2013-2017 FXSB Breakout and all Twin Cams with the coil relocated to the top motor mount

Includes two 8" (20cm) long plug wires, 135 degree plug boots & 90 degree coil boots.
238598 Black
238599 Red

Fits 1999 thru 2008 carburetor equipped FLH & FLT series models and 2007 to present Fuel Injection equipped Sportster models (except XL 1200S)

Includes one 18" (46cm) with 180 degree plug boot and 180 degree coil boot and one 9" (23cm) long plug wire with 180 degree plug boot and 90 degree coil boot.
701920 Black
701921 Grey
701922 Red
701923 Purple
701924 Yellow
701925 Blue
701926 Orange
701927 Green

Fits 1999 thru 2008 Fuel Injection equipped FLH & FLT series models and 2004 thru 2006 Sportster models (except XL 1200S)

Includes two 21" (53cm) plug wires with 180 degree plug boots and 180 degree coil boots.
701928 Black
701929 Grey
701930 Red
701931 Purple
701932 Yellow
701933 Blue
701934 Orange
701935 Green

Fits 2009-2016 Fuel Injected FLH & FLT series models

Includes one 36" (91cm) and one 18" (45cm) plug wire with 135 degree plug boots and 90 degree coil boots.

238606 Black
238612 Red

**PRO WIRE PLUG WIRE KITS**

These wire kits are designed for all Harleys with a back side mount coil in front of the oil tank such as FX, FL, FLH, FXST etc. They feature 90° plug boots and straight coil boots. Available in a variety of colors with either metallic core or Spiro Pro core. The metallic core is for points ignitions or Magnetos. The Spiro Pro core is for electronic ignitions, but can also be used with points ignitions.

Metallic core, for use with points ignition or Magnetos

238563 Black
238566 Red

Spiro Pro core, for use with electronic or points ignition

238564 Black
238572 Blue
238567 Red
238570 Yellow

**SUMAX RESISTOR CONDUCTOR PRO PLUG WIRE KITS**

These plug wire kits were designed to be used with aftermarket High Performance electronic ignitions (Dyna 2000/4000, S&S HI-4, and others). They feature two 24" leads, straight coil boots and brass terminals with either 90 degree or 180 degree plug boots. Available either black or red colored.

238520 "Pro Kit", black with 90 degree plug boot
238521 "Pro Kit", black with 180 degree plug boot
238522 "Pro Kit", red with 90 degree plug boot
238523 "Pro Kit", red with 180 degree plug boot

**ACCEL THUNDERSPORT 5MM IGNITION WIRE SET**

Bigger is not always better, Accel's 5mm (less than 1/4") ignition wire is only half the diameter of stock wire and extremely flexible. So now you can run your ignition wires through the cylinder heads or frame tubes for a total hidden look. Accel's Thundersport ignition wire features 150 Ohms per foot and the Ferro-Spiral wound alloy conductor delivers super performance. Comes packed with two 150 cm long leads (5 foot) with 90-degree spark plug ends. Can be used on any bike with any kind of ignition, but not on Delphi Fuel Injection equipped models.

731558 Black

**ACCEL'S 8.8 BULK SPOOL IGNITION WIRE**

By popular demand Accel's 8.8mm 300+ Black Ferro-Spiral Core Race Wire is now available in 60ft spools. The extra thick 8.8mm silicone jacket and silicone insulation eliminates electrical "leakage" or RFI interference that interrupts control modules. The Ferro-Spiral core delivers maximum spark energy and has a low rating of 150 Ohms per foot resistance. Wire is recommended for use on points-style as well as electronic ignition. Sold to dealers on 60 feet (18 meter) spools.

731528 Bulk spool ignition wire

01
HELMETS,
LUGGAGE,
AUDIO & MORE

02
SEAT

03
EXHAUST

04
ELECTRIC
& LIGHT

05
ENGINE
ELECTRICS

06
INTAKE

07
ENGINE

08
PRIMARY

09
TRANSMISSION

10
FINAL DRIVE

11
WHEELS &
TIRE

12
BRAKE

13
FOOT
CONTROL

14
HANDLEBAR

15
FRONT
SUSPENSION

16
CHASSIS/
FRAME
& SHOCKS

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FENDER
& STRUTS

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GAS TANK &
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90°

135°

Straight



- 238525** Black
- 238533** Blue
- 238528** Red
- 238531** Yellow
- 238529** Purple
- 238535** Hot Orange
- 238536** Hot Green



- 135°**
- 238540** Red
 - 238538** Black
 - 238541** Red
 - 238549** Hot Green



Pro Wire kits with Spiro Pro core, for use with points or electronic ignition

Straight

- 238551** Black
- 238559** Blue
- 238554** Red
- 238557** Yellow
- 238555** Purple
- 238561** Hot Orange
- 238562** Hot Green



NOLOGY

NOLOGY SPARK PLUG WIRE SETS

Nology claims these "Hot Wires" will create the most hottest and powerful spark possible, thus increasing the horsepower of any engine. This is achieved by a built-in capacitor, which will create a spark, which is up to 300 times more powerful than any other spark. The energy from the ignition coil is accumulated in the built-in capacitor until the voltage at the spark plug electrodes reaches the ionization point. Then, ALL THE STORED ENERGY IS DISCHARGED AT ONCE. The powerful spark makes the combustion faster and more complete, resulting in increased horsepower and torque, quicker acceleration, easier starting and longer plug life. Hot Wires are available as complete sets for specific models as well as sets for universal use. The universal kits come in different lengths which include a set 90° coil connector plugs as well as a set of straight coil connector plugs and your choice of straight or 90° plug caps. All types are available in either red or black.

Conventional coil and Super Coils etc. use different Hot Wires, check carefully before ordering.

Note: Accel HE1 Super coils ZPN232024 and 232025 use conventional style cables.

For use with stock or other conventional coils

- 239119** Red, fits 1986 thru 2003 Evolution Sportsters, except XL 1200 S
- 239120** Black, fits 1986 thru 2003 Evolution Sportsters, except XL 1200 S
- 239123** Red, fits FXR models
- 239124** Black, fits FXR models
- 239127** Red, fits Evolution Softail and Dyna models
- 239128** Black, fits Evolution Softail and Dyna models
- 239550** Red, fits FLH and FLT series models 1999 thru 2008
- 239551** Black, fits FLH and FLT series models 1999 thru 2008
- 239552** Red, fits Dyna 1999-2017 and Softail 2000-2017, except Rocker & Breakout
- 239555** Black, fits Dyna 1999-2017 and Softail 2000-2017, except Rocker & Breakout
- 239131** Red, universal 23" (58cm), 90° plug caps
- 239132** Black, universal 23" (58cm), 90° plug caps
- 239133** Red, universal 23" (58cm), straight plug caps
- 239134** Black, universal 23" (58cm), straight plug caps
- 239135** Red, universal 30" (75cm), 90° plug caps
- 239136** Black, universal 30" (75cm), 90° plug caps
- 239138** Black, universal 30" (75cm), straight plug caps

For use with Super coils and other High Energy coils

- 239125** Red, fits FXR models
- 239126** Black, fits FXR models
- 239129** Red, fits Evolution Softail and Dyna models
- 239130** Black, fits Evolution Softail and Dyna models
- 239139** Red, universal 23" (58cm), 90° plug caps
- 239140** Black, universal 23" (58cm), 90° plug caps
- 239141** Red, universal 23" (58cm), straight plug caps
- 239142** Black, universal 23" (58cm), straight plug caps
- 239143** Red, universal 30" (75cm), 90° plug caps
- 239144** Black, universal 30" (75cm), 90° plug caps
- 239145** Red, universal 30" (75cm), straight plug caps
- 239146** Black, universal 30" (75cm), straight plug caps



SUMAX PRO WIRE SPARK PLUG WIRE KITS

Ready to install plug wire kits with a 350 ohms/foot core and 8mm diameter.

Fits 2014 to present XG 500 and XG 750 Street models. Sold in sets of 2

- 752450** Black
- 752451** Red
- 752452** Purple
- 752453** Yellow
- 752454** Blue
- 752455** Pink
- 752456** Orange
- 752457** Green

Fits 2017 to present Touring & Trike models, sold in sets of 4

- 752490** Black
- 752491** White
- 752492** Red
- 752493** Purple
- 752494** Yellow
- 752495** Teal
- 752496** Blue
- 752497** Pink
- 752498** Orange
- 752499** Green
- 752500** Grey

Fits 2018 to present Milwaukee Eight Softail, sold in sets of 4

- 752562** Black
- 752553** White
- 752554** Red
- 752555** Purple
- 752556** Yellow
- 752563** Teal
- 752558** Blue
- 752559** Pink
- 752560** Orange
- 752561** Green
- 752557** Grey



SUMAX UNIVERSAL PRO-WIRE KITS

These universal plug wire kits feature 24" leads, straight coil boots with brass terminals and molded plug boots. They are available with two different cores, three different angled plug boots and in various sparkling colors, which make them useful for any custom project. The metallic core wires are for points and Magneto ignitions, and the Spiro Pro core wires are for electronic or point ignitions. Plug boots can be chosen straight, 90°, or 135° angled. Metallic core plug wires are available in four colors, the Spiro Pro core are nine colors to choose from, so you will be able to find the right wire set for any bike you want.

Pro Wire kits with metallic core for use with points ignition or Magnetos

Straight

- 238550** Black
- 238553** Red

90°

- 238524** Black
- 238532** Blue
- 238527** Red





Sumax

SUMAX 409 SERIES SPARK PLUG WIRE SETS

This "409" Pro Racing Wire is constructed for professional race applications, so it will be perfect for your High Performance engine set-up where maximum spark is preferred.

Exceptional features are:

- Sleeving is bonded directly over 8mm Pro Wire
- Dielectric strength of 100,000 Volts plus
- 3 Layers of silicone
- Tightly woven, heat treated fiberglass skin
- 0.409" diameter (10.4mm)
- Spiral wound
- Taylor "Pro Boot" bonded to the wire.

Fits 1965-1985 Sportster, 1965-1985 FX, FXE & FXR, 1991-1998 Dyna & 1984-1999 Softail. Includes 16" & 7" leads with 90 degree plug boots & 180 degree coil boots

238512 Black
238513 Blue

Fits 1986-1999 FXR and all Evolution models with coil between the cylinders. Includes two 12" leads with 90 degree plug and coil boots

238517 Black
238514 Red
238515 Blue

Fits 1986-1998 Touring & 1986-2003 Sportster (except XL1200S). Includes 21.5" lead with 180 degree plug boot & coil boot and 9" lead with 180 degree plug boot and 90 degree coil boot

238519 Black
238516 Red

Fits 1999-2017 Dyna & 1999-2017 Softail (except Rocker & Breakout). Includes 19" & 7" leads with 90 degree plug boots & 180 degree coil boots

702200 Black
702201 Red
702202 Blue

Fits 2007 to present Fuel Injected Sportster & 1999-2008 carbureted Touring. Includes 21.5" lead with 180 degree plug boot & 180 degree coil boot, & 9" lead with 180 degree plug boot & 90 degree coil boot

702203 Black
702204 Red
702205 Blue

Fits 1999-2008 Fuel Injected Touring. Includes two 21" leads with 180 degree plug coil boots

702206 Black
702207 Red
702208 Blue

Fits 2017 to present Milwaukee Eight Touring & Trike. Includes four leads with 90 degree coil boots, two 135 degree plug boots and two PC plug boots

752576 Black
752577 Red
752578 Blue

Fits 2018 to present Milwaukee Eight Softail. Includes four leads with correct plug and coil boots

752571 Black
752572 Red
752573 Blue



Sumax

SUMAX BRAIDED PLUG WIRE KITS

These ready-to-install braided plug wire kits feature a black wire under a silver braid and factory installed spark plug and coil boots in black. Each kit comes with a grounding kit to ground the braid to the motorcycle for arcing purposes. They all have a Spiro-Pro core that is suitable for use with points or electronic ignitions. Available for most models 1965 to present.

Fits 1965 thru 1985 4-speed Big Twin, 1965 thru 1985 Sportster, 1984 thru 1999 Softail and 1991 thru 1999 Dyna

238576 Includes a 16" (41cm) and a 7" (18cm) lead with 90 degree spark plug boots, and straight coil boots

Fits 1980 thru 1998 FLH and FLT series Touring models and 1986 thru 2003 Sportster models (Except XL 1200 S with 4-plug heads)

238623 Includes a 18" (46cm) lead with 180 degree plug boot and 180 degree coil boot and a 9" (23cm) lead with 180 degree plug boot and 90 degree coil boot

Fits all FXR models and other Evolution models with the coils mounted between the cylinders

238579 Includes two 12" (30cm) leads with 90 degree spark plug boots and 90 degree coil boots

Fits Dyna models 1999 thru 2017 and Softail models 2000 thru 2017, except Rocker & Breakout

702209 Includes one 18" (46cm) lead and one 7" (18cm) lead with 90 degree plug boots & 180 degree coil boots

Fits carburetor equipped FLH and FLT series models 1999 to present and Sportster models 2007 to present (except XL1200 S)

702210 Includes one 36" (91cm) and one 18" (45cm) plug wire with 135 degree plug boots and 180 degree coil boots

Fits Fuel injected FLH and FLT series models 1999 thru 2008 and Sportster models 2004 thru 2006

702211 Includes two 21" (53cm) plug wires with 180 degree plug boots and 180 degree coil boots

Includes four plugwires with 90 degree coil boots with straight plug boots for the right side and 135 degree plug boots for the left side

752574 Fits 2018 to present Milwaukee Eight Softail



Sumax

9MM FIREPOWER SPARK PLUG WIRE KITS

Firearms enthusiasts can now pack some heat with the hottest spark plug wires on the market to date, the Taylor/Sumax made 9mm Firepower spark plug wires. These black high tension wires feature silver 9mm Gun-style spark plug boots. All wires fire intermittently no matter what coil or ignition you may have. That is why you see carbon on your plugs. These 9mm Firepower wires provide a solid stream of fire power eliminating the carbon on your plugs. This results in more horsepower, more torque and better mileage. Your bike will start and run better than ever before! They are compatible with all Harley ignition systems. You have a choice of stock replacement kits or universal sets where you terminate the wires to your desired length.

751291 Fits all 1965 thru 1985 Sportster, 1965 thru 1985 FX, 1965 thru 1979 FL, 1991 thru 1998 Dyna and all 1989 thru 1999 Softail. Contains one 16" (41cm) plug wire and one 7" (18cm) plug wire with 180 degree coil boots

751292 Fits all 1986 thru 2003 Sportster (except 4-plug XL1200S) and all 1980 thru 1998 FL, FLH and FLT Touring. Contains one 19" (48cm) plug wire with 180 degree coil boot and one 10" (25cm) plug wire with 90 degree coil boot

751293 Fits 2004 thru 2006 XL Sportster (except 4-plug XL1200S) and 1999 thru 2008 Fuel Injected Touring. Contains two 22" (56cm) plug wires with 190 degree coil boots

751294 Fits 2007 to present Fuel Injected XL Sportster and 1999 thru 2008 carbureted Touring. Contains one 19" (48cm) plug wire with 180 degree coil boot and one 11" (28cm) plug wire with 90 degree coil boot

751295 Fits all 1999 to present Dyna and all 1999 to present Softail (except Rocker and Breakout). Contains one 19" (48cm) plug wire and one 7" (18cm) plug wire with 180 degree coil boots

751296 Fits all 2009 thru 2016 Touring & Trike. Contains one 35 1/2" (90cm) plug wire and one 17 1/2" (45cm) plug wire with 90 degree coil boots

751297 Fits all 2008 thru 2011 FXCW and FXCW Rocker, 2013-2017 FXSB Breakout and all other 1999-2017 Twin Cams with the coils relocated to the upper motor mount. Contains two 8" (20cm) plug wires with 90 degree coil boots

751298 Fits all 1982 thru 1999 FXR and all 1965 thru 1999 Big Twins with the coils relocated to the upper motor mount. Contains two 12" (30cm) plug wires with 90 degree coil boots

751299 Universal, contains two 24" (61cm) long plug wires and two loose 180 degree Evolution style coil boots and terminals



MSD SPARK PLUG BOOT RETAINERS

No more excuses now for plug wires coming undone. These plug cap retainers assure the cap stays on at any time. Molded from heat resistant nylon, MSD boot retainers anchor the plug cap to the plug.

711816 Pair of spark plug boot retainers

01	HELMETS, LUGGAGE, AUDIO & MORE
02	SEAT
03	EXHAUST
04	ELECTRIC & LIGHT
05	ENGINE ELECTRICS
06	INTAKE
07	ENGINE
08	PRIMARY
09	TRANSMISSION
10	FINAL DRIVE
11	WHEELS & TIRE
12	BRAKE
13	FOOT CONTROL
14	HANDLEBAR
15	FRONT SUSPENSION
16	CHASSIS/FRAME & SHOCKS
17	FENDER & STRUTS
18	GAS TANK & INSTRUMENT
19	OIL TANK, FILTER & LINE
20	FASTENERS
21	MIRROR
22	WINDSHIELD
23	OIL, CHEMICALS & TOOLS
24	TECHTIPS & CROSS REF > ZPN
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SUMAX THUNDERVOLT HIGH PERFORMANCE PLUG WIRE KITS

Sumax claims that these are the only plug wires that prevent your plugs to carbon up because of their superior ability to fire unspent gases. With Thundervolt wires your plugs are being cleaned when your bike idles. Consequently your bike will start and run better. The Sumax ferrite spiral wound core with a blend of copper/nickel alloy is bonded by a conductive acrylic cover and feature "Pro" spark plug boots with a vibration proof double spring locking spark plug terminals.

Fits 2014 to present XG500 & XG750 Street

Includes two plug wires with 180 degree plug boots and 180 degree coil boots

8.2mm	10.44mm	Color
752458 -		Black
752459 -		Red
752460 -		Purple
752461 -		Yellow
752462 -		Blue
752463 -		Orange

Fits 2004 thru 2006 Sportster models, except XL 1200 S 4-plug models

Includes two 21" (53cm) plug wires with 180 degree plug boots and 180 degree coil boots

8.2mm	10.44mm	Color
702218	702223	Black
702219 -		Red
702220 -		Blue

Fits 2007 to present Sportster XL models

Includes one 18" (46cm) with 180 degree plug boot and 180 degree coil boot and one 9" (23cm) long plug wire with 180 degree plug boot and 90 degree coil boot

8.2mm	10.44mm	Color
702215	702222	Black
702216 -		Red
702217 -		Blue

Fits 1999 thru 2017 Dyna's and 2000 thru 2017 Softails, except Rocker and Breakout

Includes one 18" (46cm) and one 7" (18cm) long plug wire, 90 degree plug boots & 180 degree coil boots

8.2mm	10.44mm	Color
702212	702221	Black
702213 -		Red
702214 -		Blue

Fits 2014 to present XG500 & XG750 Street

Fits 2008 thru 2011 FXCW and FXCWC Rocker, 2013-2017 FXSB Breakout and all 1999-2017 Twin Cam models with the coil relocated to the upper motor mount
Includes two 8" (20cm) long plug wires, 135 degree plug boots & 90 degree coil boots

8.2mm	10.44mm	Color
702224 -		Black
702225 -		Red

Fits 1999 thru 2008 carbureted FLH & FLT series models

Includes one 18" (46cm) with 180 degree plug boot and 180 degree coil boot and one 9" (23cm) long plug wire with 180 degree plug boot and 90 degree coil boot

8.2mm	10.44mm	Color
702215	702222	Black
702216 -		Red
702217 -		Blue

Fits 1999 thru 2008 Fuel Injected Touring models

Includes two 21" (53cm) plug wires with 180 degree plug boots and 180 degree coil boots

8.2mm	10.44mm	Color
702218	702223	Black
702219 -		Red
702220 -		Blue

Fits 2009-2016 Touring & Trike models

Includes one 36" (91cm) and one 18" (45cm) plug wire with 135 degree plug boots and 180 degree coil boots

8.2mm	10.44mm	Color
702226	702228	Black
702227 -		Red

Fits 2017 to present Touring & Trike models

Includes one 34" (86cm) and one 18" (46cm) plug wires with 135 degree plug boots and 90 degree coil boots, and one 30.5" (78cm) and one 17.25" (44cm) wires with PC plug boots and 90 degree coil boots

8.2mm	10.44mm	Color
752501	752507	Black
752502 -		Red
752503 -		Purple
752504 -		Yellow
752505 -		Blue
752506 -		Orange

Fits 2018 to present Milwaukee Eight Softail

8.2mm	10.44mm	Color
752564	752570	Black
752565 -		Red
752566 -		Purple
752567 -		Yellow
752568 -		Blue
752569 -		Orange



"MAGNUM" HIGH PERFORMANCE BRAIDED SILICONE IGNITION WIRE SETS

Braided steel suppression core ignition wire sets to fit Sportster, Shovelhead, Evolution and Twin Cam models. Magnum wires withstand surface contact temperatures over 1,000°F (540°C), resisting wire scorch resulting from head contact. Wires feature unparalleled noise suppression, eliminating interference with radios and CB units. Available in five colors, complete with mounting clamps and ground wires.

Fits Sportster models from 1965 thru 1985 (except models with Magneto), has straight coil plugs, 90 degrees spark plug caps and unequal length wires

237678 Sterling Chromite

Fits Evolution Sportster models from 1986 thru 2003 (except 1998 and later XL 1200 Sport), has one straight and one 90 degrees coil plug, straight spark plug caps and unequal length wires

234162	Blue
234163	Black
234161	Red
237679	Sterling Chromite

Fits Evolution Sportster models 2004 thru 2006, has straight coil plugs and equal length wires

722700 Sterling Chromite

Fits Sportster XL models 2007 to present. Has unequal length wires, one straight and one 90 degree coil boot and straight spark plug boots

760428 Sterling Chromite

Fits 4 Speed Big Twin models from 1965 thru 1986, Softail models from 1984 thru 1999, and Dyna models 1991 thru 1998, has straight coil plugs, 90 degrees spark plug caps and unequal length wires

234152	Blue
234153	Black
234151	Red
234154	Gold
237681	Sterling Chromite

Fits FXR models from 1982 thru 1994, has 90 degrees coil plugs, 90 degrees spark plug caps

and 9 3/4" (25cm) equal length wires. Also fits Evolution models with the coil fitted on the top motor mount

234168	Black
234166	Red
237680	Sterling Chromite

Fits FLH/FLT models 1985 thru 1996, has 90 degrees coil plugs, straight spark plug caps and unequal length wires

721803 Sterling Chromite

Fits FLH/FLT 1997 thru 1998, has 90 degrees coil plugs, straight spark plug caps and equal length wires

721808 Sterling Chromite

Fits Dyna Twin Cam models 1999 to present, has straight coil plugs, 90 degrees spark plug caps, and unequal length wires

721817	Blue
721821	Red
721818	Sterling Chromite

Fits FLH/FLT Twin Cam models 1999 thru 2008, has straight coil plugs, straight spark plug caps and equal length wires

721813 Sterling Chromite

Fits FLH and FLT series Touring models 2009-2016. Has 90 degree coil plugs and 45 degree spark plug boots and unequal length wires

760426 Sterling Chromite

Fits Twin Cam Softail models 2000-2017, except Rocker and Breakout. Has 90 degrees coil plugs, straight spark plug caps and unequal length wires

721822	Blue
721825	Black
721826	Red
721824	Gold
721823	Sterling Chromite

Fits 2008 thru 2011 FXCW and FXCWC Rocker, and 2013-2017 FXSB Breakout. Also fits Twin Cam models with the coil relocated to the top motor mount. Has two 9 1/4" (24cm) length wires, 90 degree coil plugs and 45 degree spark plug boots

760427 Sterling Chromite



Sumax

SUMAX CLASSIC THUNDER BRAIDED CLOTH SPARK WIRES

Old School Cool with Modern Technology. 7mm black silicone with synthetic jacketing resists heat, oil, and abrasion. A combination Kevlar helically spiral wound core at 350 ohm per foot resistance delivers greater spark energy, while improving power, idle, and fuel efficiency. Matching black silicone boots protect against high exhaust temperatures. Double spring locking terminals for secure-vibration proof connections. These universal kits fit all Harley-Davidson and Buell models with 2 spark plug cables and points or electronic ignition. Include two 24" (61cm) long spark plug cables with 90° or straight black spark plug boots.

Fits 1965 thru 1985 Sportster, 1965 thru 1979 FL, 1965 thru 1985 FX, 1989 thru 1999 Softail & 1991 thru 1998 Dyna

752509 Black with blue tracer
752510 Red with black tracer
752511 Yellow with black & red tracer
752512 Grey with brown tracer
752513 Orange with black tracer

Fits all 1986 thru 2003 Sportster (except 4-plug XL1200S) and all 1980 thru 1998 FL, FLH and FLT Touring. Contains one 19" (48cm) plug wire with 180 degree coil boot and one 10" (25cm) plug wire with 90 degree coil boot

752514 Black with blue tracer
752515 Red with black tracer
752516 Yellow with black & red tracer
752517 Grey with brown tracer
752518 Orange with black tracer

Fits 1999-2017 Softail (except FXCW, FXCWC and FXSB) and Dyna. Contains one 19" (48cm) plug wire and one 7" (18cm) plug wire with 180 degree coil boots

752529 Black with blue tracer
752530 Red with black tracer
752531 Yellow with black & red tracer
752532 Grey with brown tracer
752533 Orange with black tracer

Fits 1984 thru 1999 FXR and all Evolution models with the coils relocated to the upper motor mount. Contains two 12" (30cm) plug wires with 90 degree coil boots

752534 Black with blue tracer
752535 Red with black tracer
752536 Yellow with black & red tracer
752537 Orange with black tracer

Fits 2007 to present Fuel Injected XL Sportster and 1999 thru 2008 carbureted Touring. Contains one 19" (48cm) plug wire with 180 degree coil boot and one 11" (28cm) plug wire with 90 degree coil boot

752538 Black with blue tracer
752539 Red with black tracer
752540 Yellow with black & red tracer
752541 Grey with brown tracer
752542 Orange with black tracer

Fits 2009 thru 2016 Touring and Trike. Contains one 35 1/2" (90cm) plug wire and one 17 1/2" (45cm) plug wire with 90 degree coil boots

752543 Black with blue tracer
752544 Red with black tracer
752545 Yellow with black & red tracer
752546 Grey with brown tracer
752547 Orange with black tracer

Fits 2018 to present Milwaukee Eight Softail. Contains four ready to install plug wires with plug and coil boots

752549 Black with blue tracer
752550 Red with black tracer
752551 Yellow with black & red tracer
752548 Grey with brown tracer
752552 Orange with black tracer

90°	Straight	Color
752519	752520	Black with blue tracer
752521	752522	Red with black tracer
752523	752524	Yellow with black & red tracer
752525	752526	Grey with brown tracer
752527	752528	Orange with black tracer



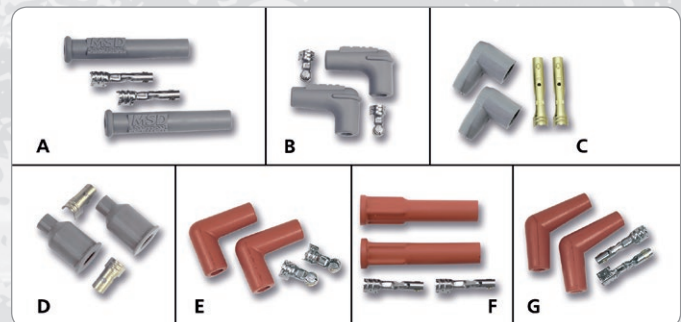
ACCEL

RUBBER PROTECTION CAPS

When making a custom fit wiring harness and hooking up the wiring or your custom made plug wires to the ignition coil always make sure these connections get some extra protection from moisture. We offer these hard to get rubber protectors for electrical wire and plug cables. Sold in dealer-10-packs.

731546 [A.] Plug cable to coil
731544 [B.] Vari-angle spark plug cap to cable (dealer-10-pck.)

731543 [C.] Spark plug cap to cable
731545 [D.] Plug cable to coil straight (dealer-10-pck.)



MSD

MSD BOOTS AND TERMINALS

Various MSD spark plug wire boots and terminals. Build your own wires for racing or just for street performance, they always come in handy. The Professional racing boots are also able to withstand much higher temperatures for longer periods of time. Available in 3 curves

711807 [A.] Universal multi-angle boots and terminals
711808 [B.] Grey pair of 90° plug boots
711809 [C.] Grey pair 90° socket boots
711810 [D.] Grey pair of straight socket boots
711811 [E.] Red pair of 90° pro-temp boots
711812 [F.] Red pair of straight pro-temp boots
711813 [G.] Red pair of 115° pro-temp boots



MSD

MSD PRO-BOOT GUARD

Special designed boot guard to protect the spark plug from heat. A fiberglass woven slide on sleeve which is coated with a specially compounded silicone rubber makes for good insulation. Fits most plug boots.

711818 Pro-boot guard 6 feet

MSD

MSD PRO-HEAT GUARD

Tough glass woven sleeving to protect up to 1000°. A silicon rubber coating surrounds the core to give maximal heat protection. Has an inner diameter of 3/8" to slide over most spark plug wires easily. Sold in rolls of 25 feet.

711817 Pro-heat guard roll

01 HELMETS, LUGGAGE, AUDIO & MORE
 02 SEAT
 03 EXHAUST
 04 ELECTRIC & LIGHT
 05 ENGINE ELECTRICS
 06 INTAKE
 07 ENGINE
 08 PRIMARY
 09 TRANSMISSION
 10 FINAL DRIVE
 11 WHEELS & TIRE
 12 BRAKE
 13 FOOT CONTROL
 14 HANDLEBAR
 15 FRONT SUSPENSION
 16 CHASSIS/FRAME & SHOCKS
 17 FENDER & STRUTS
 18 GAS TANK & INSTRUMENT
 19 OIL TANK, FILTER & LINE
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MSD SPARK GUARD GREASE

This dielectric grease protects electrical systems from leaks, moist, and EMI. Also makes for smoother placement of plug boots and clamps. Spark guard will not harden or dry up and retains its insulating capabilities indefinitely.

711821 MSD spark guard grease



2 YEARS WARRANTY

ALUMINUM PLUG WIRE SEPARATORS

A small functional item for neatly routing your spark plug wires. Available in chrome plated as well as in your choice of four different anodized colors. Sold in pairs.

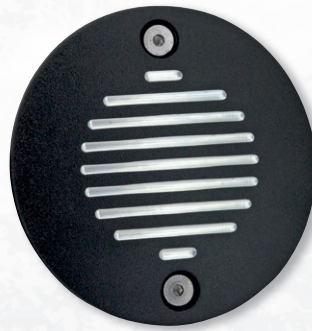
154012 Ball burnish chrome

154008 Natural anodized

154009 Red anodized

154010 Blue anodized

154011 Black anodized



2 YEARS WARRANTY

GENUINE ZODIAC "STANZA" IGNITION COVERS

Billet aluminum beauties that fit on the right side of your engine where in the past the ignition points were fitted.

Fits 1986 thru 2003 Sportster, vertical mount

302832 Chrome

302833 Black with clear cuts



2 YEARS WARRANTY

GENUINE ZODIAC AIRFOIL TIMER COVERS

Timer covers fit on the right side of your engine where in the past the ignition points were fitted. Matching design gas caps, derby covers and air cleaner covers are also available.

Fits 1986 thru 2003 Sportster, vertical mount

301219 Chrome

301220 Black



TWIN TEC UNIVERSAL SPARK PLUG WIRE SET

A true universal wire set for all applications (except Twin Cam). High quality 8.5mm diameter black silicone insulation with 50 Ohm per feet low resistance spiral core. Each set includes 90 and 115 degree spark plug boots, assorted coil boots, and terminals.

741973 Universal plug wire kit



2 YEARS WARRANTY

ZOMBIE STYLE SKULLED POINT COVERS

Great looking point covers for Sportster, Big Twin and Twin Cam models. Feature a chrome and black finish.

302540 Horizontal mount

302541 Vertical mount

301711 5-Hole cover, fits all 1999-2017 Twin Cam



Fits 2004 to present Sportster and air-cooled Buells, horizontal mount

302830 Chrome

302831 Black with clear cuts



Fits 2004 to present Sportster and air-cooled Buells, and all Big Twin models 1970 thru 1999, horizontal mount

301217 Chrome (OEM 25600047)

301218 Black



DUAL WIRE SEPARATORS

Handy wire separators to secure your wires and keep them away from hot or moving part. Clips into place and off again with the greatest of ease. Available in shop packs of 16 pcs.

711814 Dual wire separators 8mm

711815 Dual wire separators with sleeve



2 YEARS WARRANTY

3-D SKULLED POINT COVERS

Cast covers with a detailed three dimensional skull. Chrome with black details and black background.

302802 2-hole horizontal mount, fits 1973 thru 1999 Big Twin and 2004 to present Sportster

302804 2-hole vertical mount, fits 1986 thru 2003 Sportster

302800 5-Hole cover, fits 1999 thru 2017 Twin Cam



Fits 1999-2017 Twin Cam

302834 Chrome

302835 Black with clear cuts



Fits 1999 thru 2017 Twin Cam

301215 Chrome (OEM 25600046)

301216 Black



DOMED POINT COVER

Nicely chrome plated die-cast domed point cover. Available with 2 or 5 holes. The 2 hole version fits 1970 to present Sportster, and 1970 thru 1999 Big Twin models. The 5 hole version fits 1999-2017 Twin Cam models.

301702 2 Hole (OEM 32588-70A)

301979 5 Hole, fits Twin Cam models (OEM 32543-99)



"BAD TO THE BONES" COVER

These points covers are CNC machined from high grade solid aluminum which guarantees a perfect fit. The satin finish high-lights the 2mm deep machined Bad to the Bones logo. Covers provide a mixture of Hi-Tech with "Mean-Machine" image. Fits 1970-1999 Big Twins and Sportsters.

235575 Horizontal mount

235576 Vertical mount



DOMED POINT COVER WITH ALLEN SCREWS

Point cover, fits Big Twin and Sportster models 1970-1999, except Twin Cam (OEM 32588-70A).

301672 Domed point cover with Allen screws



"EAGLE SPIRIT" POINT COVERS

Beautiful detailed, die-cast point covers. Fits all models Big Twin 1970 thru 1999 and Sportster 1970 to present.

302029 Chrome finish, horizontal mounting

301798 Chrome finish, vertical mounting



POINT COVER

Custom point cover, fits all Big Twins and Sportster models 1970-1999, except Twin Cam (OEM 32588-70A). Chrome plated.

301152 Point cover



301797 Gold-chrome finish, horizontal mounting



ARLEN NESS

ARLEN NESS TIMER/POINT COVERS

Billet aluminum with a chrome or black finish. 2-Hole covers fit all 1970 thru 1999 Big Twin and 1970 to present Sportster. 5-Hole covers fit 1999 thru 2017 Twin Cam.

10-Gauge, chrome
A03499 5-Hole

Deep Cut, chrome
A03573 5-Hole

Deep Cut, black
A03574 5-Hole

Deep Cut II, black
A03014 5-Hole

Scalloped, black
A03584 5-Hole

Engraved, chrome
A03599 5-Hole

Beveled, chrome
A03480 2-Hole
A03478 5-Hole

Beveled, black
A03473 5-Hole



S&S IGNITION COVER

Replacement for the stock ignition (or point) cover used on nose cone covers of S&S V-series engines. Features domed profile with S&S logo and a chrome finish. Fits all Big Twin models 1970 thru 1999 with horizontal 2-hole mount.

750347 Ignition cover

- 01 HELMETS, LUGGAGE, AUDIO & MORE
- 02 SEAT
- 03 EXHAUST
- 04 ELECTRIC & LIGHT
- 05 ENGINE ELECTRICS
- 06 INTAKE
- 07 ENGINE
- 08 PRIMARY
- 09 TRANSMISSION
- 10 FINAL DRIVE
- 11 WHEELS & TIRE
- 12 BRAKE
- 13 FOOT CONTROL
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ODD CONCEPT TIMER COVERS

Ribbed engine covers are an all time classic. These ones fit all 1974 thru 1999 Big Twin and 2004 to present Sportster.

748940 Clear
748941 Black



710913 Smooth Millennium style points cover



710914 Ball Milled Millennium style points cover



"PRO MAX" CHROME BILLET TIMER COVERS

These trick units are made from chrome plated billet aluminum. Every cover comes with chrome hardware and an allen key to make installation a piece of cake. Fits all Sportster models 1970 to present and Big Twin models 1970 thru 1999, except Twin Cam.

301971 Crested style



301975 Grooved style



PRO-ONE POINT COVERS

Designed to replace the plain-Jane stock points cover, these trick units are made from chrome plated billet aluminum. Every points cover comes with chrome hardware and fits all Sportster and Big Twin models 1972-1998. Matching Derby and Inspection covers can be found elsewhere in this catalog.



PRO-ONE BILLET IGNITION COVERS FOR TWIN CAM

Twin Cam models feature loads of innovations, but the ignition cover is still a plain-Jane one. These Pro-One "Millennium" chrome plated, billet aluminum ignition covers add a true highlight to your Twin Cam motor.



711066 Smooth Millennium style ignition cover



711067 Ball Milled Millennium style ignition covers



PM SCALLOP TIMER/POINT COVERS

Performance Machine billet aluminum covers. Available in chrome, black Contrast Cut or PM's propriety Black OPS, a gloss and textured black mix that matches beautifully with Harley's black finish on engines, primaries and transmissions.

2-hole covers for 1970 to present Sportster 1970 thru 1984 Shovelhead and 1984 thru 1999 Evolution Big Twin

752329 Chrome
752330 Black Contrast Cut
752331 Black OPS

5-hole covers for 1999 Softail and all 1999 thru 2017 Twin Cam

752326 Chrome
752327 Black Contrast Cut
752328 Black OPS

2-Hole covers for 2017 to present Milwaukee 8

757265 Chrome
757264 Black Contrast Cut



235991
235992



751096



JIMS POINT COVERS

Made from .190" thick highly polished 6061-T6 aluminum and bright chrome plated or polished to finish the work. Chrome point covers come with the Jim's logo lasered on the face, polished covers come plain. All covers include 2 chrome flat head allen screws and gaskets. Available for Big Twins from 1970 thru 1999 and Sportsters from 1971 to present.

235991 Fits Big Twin models 1970 thru 1999, chrome

751096 Fits Big Twin models 1970 thru 1999, polished

235992 Fits Sportster models 1971 to present, chrome



KEN'S FACTORY IGNITION COVERS

Ken's Factory ignition covers are made by Ken's Factory from billet aluminum with a polished finish or black anodized with clear cuts. Available in a 2-hole version for use on 1970 thru 1998 Big Twin and 1970 to present Sportster models with horizontal mounting holes, as well as a 5-hole version for 1999-2017 Twin Cam.

2-Hole covers, ribbed with logo

747311 Black anodized with clear cuts
747312 Polished

5-Hole covers "More Horse Power, Less Horse SHIT"

747313 Black anodized with clear cuts
747314 Polished

5-Hole covers, ribbed with logo

747315 Black anodized with clear cuts
747316 Polished



748931

748936



ODD CONCEPT COIL RELOCATION FOR SPORTSTER

Powder coated steel brackets to fit the ignition coil FXR-style on the left side between the cylinders on XL Sportster models. Hardware and instructions included.

Fits 1995 thru 2003 XL Sportster

748931 Coil relocation bracket

Fits 2004 to present XL Sportster

748942 Coil relocation bracket

748936 Coil and ignition switch relocation bracket





"ROLAND SANDS DESIGN" NOSTALGIA POINT COVER FOR 1970 TO PRESENT BIG-TWINS

Machined to perfection out of billet aluminum. Will give you, when used together with the inspection and derby covers from Roland Sands Design, a maximum stun factor. Available in black anodized, Contrast Cut black anodized or show chrome finish. Available for all 1970 to present Big Twins. Hardware is included.

2-hole covers for 1970 thru 1984 Shovelhead and 1984 thru 1999 Evolution Big Twin

740645 Chrome finish

740739 Black anodized finish

740908 Contrast Cut black anodized finish

5-hole covers for 1999-2017 Twin Cam

740647 Chrome finish

740909 Contrast Cut black anodized finish



RSD SPORTSTER COIL & IGNITION RE-LOCATOR

Roland Sands Design Coil & Ignition Re-locator moves the ignition coil and ignition switch from under the neck of your Sportster to between the V of your motor and removes the plastic wire caddy, to expose the frame of your bike above the front cylinder. Polished stainless steel construction. Installation requires the use of new spark plug wires such as our ZPN741973 Daytona Twin Tech universal plug wire kit. Fits 2007 to present XL Sportster models.

740898 RSD Sportster coil & ignition re-locator



BRASS BALLS CYCLES IGNITION AND TIMER COVERS

The Piston Helmet design ignition cover is a perfect compliment to your bike. Cast from zinc then antiqued for that perfect patina. Give your bike that extra bit of coolness it deserves.

753807 Fits 1970-2003 Sportster

753806 Fits 2004 to present Sportster, 1973-1984 Shovelhead and 1984-1999 Evolution Big Twin

753805 Fits 1999-2017 Twin Cam

753813 Fits 2017 to present Milwaukee Eight



"MAGNUM .38 POLICE SPECIAL" POINT AND IGNITION TRIGGER COVERS

Something really special for fire arms enthusiasts are these ".38 Police Special" parts. These parts are made from billet aluminum, come in chrome, polished or black. Parts are decorated with genuine Magnum cartridge cases. No matter if the part is chrome, polished or black, the cartridge casings come in their natural finish.

Fits all single cam Big Twins 1970 thru 1999 and Sportster models 1971 to present

722266 Chrome

722267 Black

Fits Twin Cam models 1999 thru 2017

722268 Chrome

722269 Black



BLACK DUCK POINT COVERS

Black Duck parts and accessories really stand out of the crowd with their perfect finish. These solid brass point cover are available with a 2-hole or 5-hole bolt pattern. Made and designed in Spain.

2-Hole horizontal mount, fits 1970 thru 1999 Shovelhead and Evolution Big Twin and Sportsters 2004 to present

748298 Black

2-Hole vertical mount, fits 1970-2003 Sportster

748236 24 Carat gold plated

748237 Satin brass

748297 Satin chrome

5-Hole mount, fits 1999 thru 2017 Twin Cam

748238 24 Carat gold plated

748239 Satin brass

748294 Black

748295 Satin chrome



CHROME COIL AND SWITCH BRACKET FOR SPORTSTER

Show chrome brackets that replace the stock black painted ignition coil and ignition switch brackets on all 2004 to present Sportsters. Comes complete with chrome plated mounting bolts.

304015 Coil and switch bracket kit (OEM 31740-04)



ODC COIL RELOCATION BRACKETS FOR SPORTSTER

Designed and laser cut in Italy by Otto Di Cuori. Mounts your coil on the left side of the engine, just between the cylinders. Available as coil relocation bracket or combined coil and ignition switch relocation bracket. Coil-and-ignition switch relocation bracket must be installed in conjunction with ODC's tank lift bracket. Relocation brackets have a gloss black finish.

763011 Coil relocation bracket, fits all 2007 to present XL Sportster

763010 Coil and ignition switch relocation bracket, fits all 2007 to present XL Sportster

Tank Lift Kits

763012 1 1/2" (38mm) tank lift kit

763013 2" (51mm) tank lift kit

763014 2 1/2" (64mm) tank lift kit

763015 3" (76mm) tank lift kit



ODC COIL RELOCATION BRACKET FOR DYNA

Designed and laser cut in Italy by Otto Di Cuori. Mounts your coil on the left side of the engine, just between the cylinders. Bracket has a perfect black finish.

763017 Coil relocation bracket, fits 1991-2017 Dyna



TWO PIECE COIL BRACKET

Two piece coil bracket fits XLH models 1965 thru 1978, and XLCH models 1971 thru 1978 (OEM 31723-711A and 31727-72).

153501 Coil bracket

01
HELMETS,
LUGGAGE,
AUDIO & MORE

02
SEAT

03
EXHAUST

04
ELECTRIC
& LIGHT

05
ENGINE
ELECTRICS

06
INTAKE

07
ENGINE

08
PRIMARY

09
TRANSMISSION

10
FINAL DRIVE

11
WHEELS &
TIRE

12
BRAKE

13
FOOT
CONTROL

14
HANDLEBAR

15
FRONT
SUSPENSION

16
CHASSIS/
FRAME &
SHOCKS

17
FENDER
& STRUTS

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HEAVY-DUTY COIL BRACKET
Nicely chromed, Heavy-Duty coil bracket for the Big Twins from late 1978 thru early 1982 (OEM 317287878A).
301291 Coil bracket



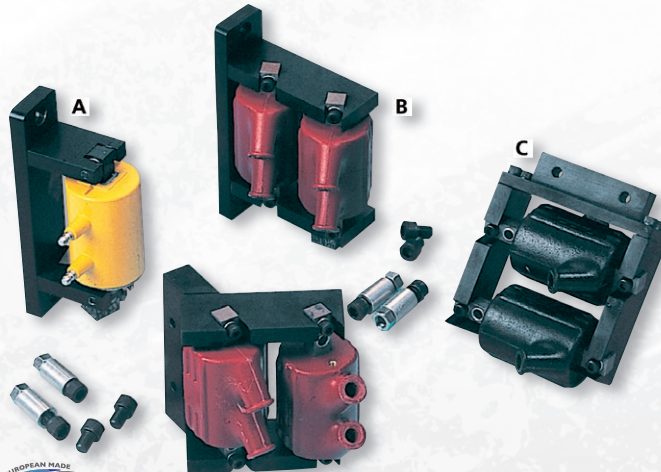
STAINLESS STEEL COIL COVERS
Pair of Stainless Steel "Stick-On" end caps to cover the end of the coil on 1985 thru 2003 Sportster, except 1998 thru 2003 XL 1200 S and 1985 thru 1999 Big-Twin, except Twin Cam.
301085 Stainless steel coil covers



COIL COVER FOR FXR MODELS
Beautifully chromed cover for Harley FXR, FXRS 1982 thru 1994 (OEM 31625-82T).
301366 Coil cover for FXR models



MW BILLET COIL COVERS
Beautiful polished billet aluminum covers for the OEM ignition coil in combination with MW's top motor mount (MW's top motor mounts can be found elsewhere in this catalog). Covers do not fit stock applications. Available for 1999-2017 fuel injected Twin Cam models.
722091 Cut-out design



BILLET COIL BRACKETS

These high quality black anodized billet aluminum coil brackets were designed to facilitate the installation of difficult-to-mount coils. With these brackets these coils can now be installed in minutes. Each of these brackets comes with all the necessary hardware to install the coils on the brackets and the brackets to their respective frames where needed.

233126 [A.] Fits 1948 thru early 1982 Big Twin 4 Speed frame. Accepts one dual tower coil or one OEM style Accel Super coil for Single Plug heads.

233127 [B.] Fits 1948 thru early 1982 Big Twin 4 Speed frame. Accepts two dual tower coils for dual plug heads and Single Fire, or two single tower coils for Single Plug heads and Single Fire.

233128 [C.] Fits late 1982 thru 1986 Big Twin 4 Speed frame and FXR models 1982 to present. Accepts two dual tower coils for dual plug heads and Single Fire or two single tower coils for Single Plug heads and Single Fire.



MW BILLET V-SHAPE IGNITION COIL BRACKETS

Polished billet aluminum ignition coil brackets. Come in plain V-shape, and Design Line V-shape. Stock V-shape mount Dyna coils at their sides, with the coil mounts exposed. Design Line brackets hide the ignition coil mounts, giving a smoother look. Available in open, slotted, and ignition switch prepared. Use 1973 thru 1993 type switch. Come with stainless steel mounting bolts. Designed for use with MW's top motor mounts. **Note:** MW Top motor mounts can be found in section 7.

710442 [A] Billet stock V-shape with ignition hole bracket

710443 [B] Billet stock V-shape open bracket

710444 [C] Billet stock V-shape slotted bracket

710446 [D] Billet line design with ignition hole bracket

710445 [E] Billet line design open bracket

710447 [F] Billet Line design slotted bracket



MW BILLET COIL COVERS FOR CARBURETED 1999-2006 TWIN CAM
Beautiful polished billet aluminum covers for the OEM ignition coil as used on 1999 thru 2006 carbureted Twin Cam models and 2004 thru 2006 Sportster models. Must be used in combination with MW's top motor mount that can be found elsewhere in this catalog.

721881 Coil cover with ignition switch hole



TEARDROP STYLE COIL MOUNT COVER & IGNITION SWITCH BRACKET

Aluminum die-cast and chrome plated coil cover for those who have mounted the ignition coil between the cylinders like on the FXR model. This very stylish Teardrop coil cover is a perfect match with the S&S and S&S style air cleaners. Coil cover also features an ignition switch mount hole that takes a FX(R) type ignition switch.

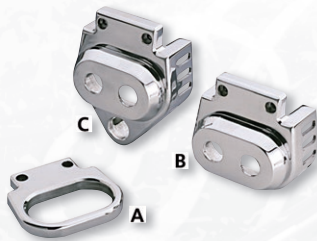
301477 Teardrop coil cover



CHROME COIL COVER FOR EVOLUTION DYNA

Easy to install coil cover that fits all Dyna models 1991 thru 1998, including Wide Glides. Has a perfect show chrome finish.

301206 Fits 1991 thru 1998 Dyna models



MW BILLET COIL BRACKETS & COVERS

Beautiful polished billet aluminum ignition coil brackets and one piece cover and bracket. These brackets and covers are designed for S&S performance ignition coils (ZPN235922 & 232689). The covers have air-inlets at both sides to allow fresh air to cool the coil. Both available with or without ignition switch hole for use with a 1973 thru 1993 style ignition switch. Comes complete with hardware.

- 710408** [A.] Billet coil bracket for S&S Single Fire coil
710410 [B.] Billet coil cover and bracket for S&S Single Fire coil
710411 [C.] Billet coil cover and bracket with switch hole, for S&S Single Fire coil



ANTIQUE STYLE COIL COVER

These antique style covers are designed after the popular covers used in the mid-1940's. They are available with an old style embossed bird logo or in plain chrome finish. The two openings in the front permit easy access to the plug wire terminals and the inside of the cover features a Heavy-Duty mounting bracket. The covers are available for all 4 Speed FL and FX models 1965 thru 1986 as well as all Softail models 1984 thru 1999.

Fits all 1965 thru 1986 FL and FX models

301734 Plain cover

Fits all Softail models 1984-1999

301735 Plain cover

301785 Cover with bird logo



ARLEN NESS

ARLEN NESS DEEP CUT COIL COVERS

Deep Cut coil covers are machined from 6061-T6 billet aluminum and are available in chrome or black anodized finish. Matching Arlen Ness Deep Cut grips, footpegs, floorboards, and more can be found elsewhere in this catalog.

Fits 2006-2017 Dyna and 2000-2017 Softail except Rocker & Breakout

A04300 Chrome

A04301 Black



CHROME COIL COVERS

Beautiful chrome plated coil covers in different styles to fit 54 Big Twins 1965 and later, all Softail models 1984-1999 and Dyna Glide models 1991-1998.

A. Chrome Coil cover with Louvers

301203 Fits 4 Speed Big Twin 1965-1984 and Softail 1984-1999

B. Bad to the Bones Chrome coil cover

301894 Fits 4 Speed Big Twin 1965-1984 and Softail 1984-1999

C. Plain chrome coil cover

301136 Fits 4 Speed Big Twin 1965-1984 and Softail 1984-1999

302048 Fits Dyna Glide 1991-1998



CHROME FINNED COIL COVER

Cool looking finned design coil cover. Chrome plated die cast construction. Fits all FXR models 1982 thru 1994 with stock or stock style ignition coil. Can also be used on other models with the coil fitted on the top motor mount.

301437 Chrome Finned coil cover



CHROME COIL COVER FOR SOFTAILS

Easy to install coil cover for Softails with a perfect show chrome finish.

301208 [A.] Fits 1984 thru 1999 Softail models

301212 [B.] Fits 2000 thru 2006 Softail models (OEM 31606-00)

301214 [C.] Fits 2007-2017 Softail, except Rocker, Rocker C, Blackline & Breakout (OEM 31772-07)



CHROME TWO PIECE COIL COVER

Show-chromed, two piece coil cover for Sportsters 1983 thru 2003 (except 1998 and later XL 1200 Sport) and FLH/FLT models 1983 thru 1998.

301258 Chrome two piece coil cover



REBUFFINI COIL COVERS FOR SOFTAIL

These coil cover kits allow you to install the ignition coil "FXR-style" between the cylinders. Kits include a billet coil cover and a billet top motor mount in polished, black anodized or chrome, as well as the required mounting hardware. Kits for 1986 thru 1999 Softail can be used with a stock or stock-style coils, S&S Single Fire coil or Accel Super coil. Installation with a stock gas tank requires relocation of the petcock. Kits for Twin Cam Softail take the stock or stock-style coil and does not interfere with the petcock. Plug wires and spark plugs are shown for illustration purposes only, a set of FXR or FXCW-style

plug wires must be ordered separately. Installation of Hercules-style covers on FXCW and FXCWC Rocker models works with the stock spark plug wires but requires the repositioning of the ignition switch and the purchase of a coil re-location bracket ZPN746675. Available in Newton and Hercules style, a perfect match with Rebuffini's air cleaners found in Chapter 6.

Newton style coil covers

Chrome	Black	
746687	746686	1986-1999 Softail
746693	-	Fits 2003-2017 Fuel Injected Softail

Hercules style coil covers

Chrome	Black	
746678	-	1986-1999 Softail
746683	-	Fits 2003-2017 Fuel Injected Softail

Accessories Fits

746675 Coil re-location bracket for 2008-2011 FXCW and FXCWC Rocker



CHAMPION SPARK PLUGS

These Champion spark plugs are the correct heat range for Harley-Davidson and Buell engines, as well as all S&S engines.

Fits 165cc Topper & AH, and 175cc Bobcat, BTH, Pacer, Scat, SS and SX
749675 Champion RH8C, each

Fits all low compression 1927 thru 1952 45CI, 1927 thru 1947 61CI, 1927 thru 1948 74CI, 1927 thru 1947 80CI, and 1953 thru 1954 Servi-Car

749670 Champion D-14, each (OEM 32300-09 or the No. 4 spark plug)

749684 Champion D-14, 10-pack (OEM 32300-09 or the No. 4 spark plug)

Fits all high compression 1927 thru 1952 45CI, 1927 thru 1947 61CI, 1927 thru 1948 74CI, 1927 thru 1947 80CI, and 1953 thru 1954 Servi-Car

234307 Champion D-16, 6-pack (OEM 32302-09 or the No. 3 spark plug). Also replaces the OEM 32304-09 or No. 2 spark plug as the D-16 covers a wider heat range.

Fits 1957 thru 1971 K, KH and Sportster and 1977 thru 1979 XLCR Sportster

749671 Champion H8C, each

Fits 1980 thru 1985 Sportster 1000
749676 Champion RL82YC, each

Fits 1983 thru 1985 XR 1000
749679 Champion RN7YC, each

Fits 1948 thru 1952 E and EL Panhead and 1948 thru 1974 Shovelhead

749672 Champion J12YC, each

Fits 1975 thru 1981 Shovelhead, Evolution Big Twin, Ironhead Sportster and S&S SH Series, S&S P-Series, S&S KN-Series, S&S 3 5/8" bore and S&S 4" bore engines

749677 Champion RN12YC, each (OEM 32342-04)

749682 Champion RN12YC, 10-pack (OEM 32342-04)

749636 Champion RN12YC, 24-pack (OEM 32342-04)

Fits 1982 thru 1983 Shovelhead

749678 Champion RN13LYC, each

749685 Champion RN13LYC, 10-pack

Fits Buell (except 1125R), Evolution Sportster (except XR 1200), Twin Cam, S&S X-Wedge and S&S 4 1/8" bore engines

749674 Champion RA8HC, each (OEM 32362-04)

749681 Champion RA8HC, 10-pack (OEM 32362-04)

749635 Champion RA8HC, 24-pack (OEM 32362-04)

Fits 2002-2017 V-Rod, Buell 1125R, 2008 thru 2012 XR1200 & XR1200X and 2014 to present Indian 111CI models

749673 Champion RA6HC, each (OEM 27794-08), replaces 10R12 A (OEM 27671-01K) in V-Rod and 1125R Buell, but must be gapped to 0.9mm

Fits 2002-2017 V-Rod, Buell 1125R, 2008 thru 2012 XR1200 and XR 1200X

750775 Champion 10R12A (OEM 27671-01K)

Fits 2015 to present XG500 & XG750 Street and 2017 to present Milwaukee Eight powered Touring & Trike and 2018 to present Milwaukee Eight powered Softail

749686 Champion RG6HCC, each (OEM 31600012)

749687 Champion RG6HCC, dealer 10-pack (OEM 31600012)

Fits 113CI Ultima engine

749637 Champion RN11YC4, dealer 10-pack



ACCCEL SPARK PLUG SHOP PACKS

Zodiac offers Accel's proven quality spark plugs to dealers in shop packs containing 24 pieces. Available are Accel no's. 2410 and 2418 in both Standard U-groove as well as Platinum U-groove.

Accel spark plug shop packs

701160 Accel 2410A Standard U-groove

701161 Accel 2410P Platinum U-groove

701162 Accel 2418 Standard U-groove

701163 Accel 2418P Platinum U-groove



ACCCEL PLATINUM SPARK PLUGS

Our Accel platinum tipped performance spark plugs are manufactured with state-of-the-art components in the good old U.S. of A. The platinum tip provides longer life and durability. Because platinum is more durable, it's able to maintain a precise gap much longer than ordinary spark plugs. By maintaining that gap with platinum, required voltage remains constant, which results in fewer miss-fires. This translates into smoother idling, quicker acceleration, and better fuel economy over the life of the plug. The knurled side wire is produced from the best high chromium-nickel alloy for greater durability and allows for greater spark with reduced voltage while the pure copper core center wire helps to decrease fouling. For performance at its best, use these Platinum spark plugs. Packed and sold in packages of two.

ZPN	Model	Year	Accel nr.	Pack qty.
237311	883 Sportster	1986-up	2418P	2
237311	1100 Sportster	1986-1987	2418P	2
237308	1200 Shovelhead	late 1978-1980	2410P	2
237311	1200 Sportster	1988-up	2418P	2
237308	1340 Shovelhead	1980-1981	2410P	2
237308	1340 Evolution	1984-1999	2410P	2
237311	1450 Twin Cam	1999-2006	2418P	2
237311	1550 Twin Cam	2007-2017	2418P	2



ACCCEL U-GROOVE SPARK PLUGS

Accel spark plugs feature the U-Groove ground electrode allowing the spark to build a Ball-of-Fire flame, providing you with a smoother idle and more complete combustion. Other features are: Five-rib "alumina" powder insulator to prevent flash-over and misfire, copper glass inner seal and electric heat seal to prevent combustion leakage, fused copper/nickel center electrode providing super conductivity and a wide heat range.

ZPN	Model	Year	Accel nr.	pack qty.	Heat range
231717	883 Sportster	1986-up	2418	2	standard
231717	1100 Sportster	1986-1987	2418	2	standard
231711	1200 Big Twin	1948-1974	2401	2	cold
231714	1200 Shovelhead	late 1978-1980	2410A	2	standard
231717	1200 Sportster	1988-up	2418	2	standard
231714	1340 Shovelhead	1980-1981	2410A	2	standard
231714	1340 Evolution	1984-up	2410A	2	standard
231717	1450 Twin Cam	1999-2006	2418	2	standard
231717	1550 Twin Cam	2007-2017	2418	2	standard

**CIRO SPARK PLUG HUTS**

Cover up the unsightly spark plug boots and head bolts with the Ciro Spark Plug Huts! This part is a great addition to dress up your engine. It goes especially well with other Ciro engine covers. A simple installation that includes optional black accents. Fits 1999-2017 Twin Cam engines.

754120 Spark Plug Huts



GENUINE ZODIAC
2 YEARS WARRANTY

CHROME SPARK PLUG COVERS

For those who want to make a chrome spark plug we have the answer. Simply slide these chrome covers over your spark plug and you have got the look of chrome. Covers are held in place by a black silicone rubber seal. Fits all 14mm spark plugs. Available with horizontal or side slots. Sold in pairs.

134031 [A.] Horizontal slots

134033 [B.] Side slots

GENUINE ZODIAC
2 YEARS WARRANTY

SPARK PLUG & HEAD BOLT COVERS

This attractive accessory combines beauty with function. Pushing these covers over the head bolts will prevent the bolts from coming loose and at the same time cover the plugs. These head bolt & plug covers are available in a shiny chrome finish. Fits all 1984 thru 1999 Evolution Big Twins and all 1986 thru 2003 Evolution Sportster engines. Sold as a pair.

134122 Chromed, pair

**SPARK PLUG AIR COOLED RETRO CONVERSION KIT**

This easy to install and re-usable two-piece cover set converts the D-14 and D-16 Champion spark plugs to give an earlier air cooled original Harley look. Fits 45CI models 1929 thru 1952, UL models 1937 thru 1948, EL models 1936 thru 1940 and FL models 1941 thru 1947.

782140 Spark plug conversion kit

Spark plugs

Fits all low compression 1927 thru 1952 45CI, 1927 thru 1947 61CI, 1927 thru 1948 74CI, 1927 thru 1947 80CI, and 1953 thru 1954

Servi-Car

749670 Champion D-14, each (OEM 32300-09 or the No. 4 spark plug)

749684 Champion D-14, 10-pack (OEM 32300-09 or the No. 4 spark plug)

Fits all high compression 1927 thru 1952 45CI, 1927 thru 1947 61CI, 1927 thru 1948 74CI, 1927 thru 1947 80CI, and 1953 thru 1954

Servi-Car

234307 Champion D-16, 6-pack (OEM 32302-09 or the No. 3 spark plug). Also replaces the OEM 32304-09 or No. 2 spark plug as the D-16 covers a wider heat range.

**FINNED HEAD BOLT BRIDGES**

Head bolt bridges hide the cylinder head bolts and spark plugs and also fill out the cooling fins on the cylinder heads. Colors match perfectly with OEM engines.

782162 Silver, fits carbureted Twin Cam 1999-2006

782163 Black, fits carbureted Twin Cam 1999-2006

782160 Silver, fits Fuel Injected Twin Cam 1999-2017

782161 Black, fits Fuel Injected Twin Cam 1999-2017

782180 Granite, fits Milwaukee Eight 2017 to present

782179 Black, fits Milwaukee Eight 2017 to present

**NOLOGY****NOLOGY SILVER SPARK PLUGS**

Nology Silver spark plugs are especially designed for high-performance engines. Silver is one of the best electrical and thermal conductors of any metal, which makes it the ultimate material for a spark plug's center electrode. The large diameter silver center electrode increases spark carrying ability and spark power. Silver is extremely resistant to erosion, guaranteeing a virtually unchanged electrode gap for the life of the spark plug. Most Nology Silver spark plugs are without a resistor, perfect for performance enthusiasts who demand the most from their engines. For racing or dependability and efficiency for everyday use, Nology Silver spark plugs deliver the most powerful spark. Sold to dealers in 4-packs.

Nology Silver Spark Plugs

ZPN	Model	Year
239284	Buell, except 1125R	1994-up
239284	883 Evolution	1986-up
239284	1100 Evolution	1986-1987
239218	1200 Shovelhead	1975-early 1978
239218	1200 Shovelhead	late 1978-1980
239284	1200 Evolution	1988-up
239218	1340 Shovelhead	late 1978-1979
239218	1340 Shovelhead	1980-1981
239218	1340 Shovelhead	1982-1984
239218	1340 Evolution	1984-1999
239284	1450 Twin Cam	1999-2006
239284	1550 Twin Cam	2007-2017

Nology nr.	pack qty.
B2S	4
B2S	4
B2S	4
L7YS	4
L7YS	4
B2S	4
L7YS	4
L7YS	4
L7YS	4
L7YS	4
B2S	4
B2S	4

Nology Silver spark plugs for High Performance and Drag-Race purposes

ZPN	Model	Year
239261	Shovelhead	1975-1984
239261	Evolution Big Twin	1984-1999

Nology nr.	pack qty.
L4YS	4
L4YS	4



Samuel
SUPPLIES
MOTORCYCLE PARTS, SADDLES & SADDLEBAGS

BECK AIR COOLED SPARK PLUGS FOR VINTAGE HARLEYS

M18 x 1.5 sparkplugs, fits all Harley singles 1926 thru 1934, all 45CI models, all Sidevalve Big Twin and Knucklehead. Replaces HD no. 3.

780009 Set of 2 sparkplugs (OEM 37-09C & 32302-09)

01
HELMETS,
LUGGAGE,
AUDIO & MORE

02
SEAT

03
EXHAUST

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ELECTRIC
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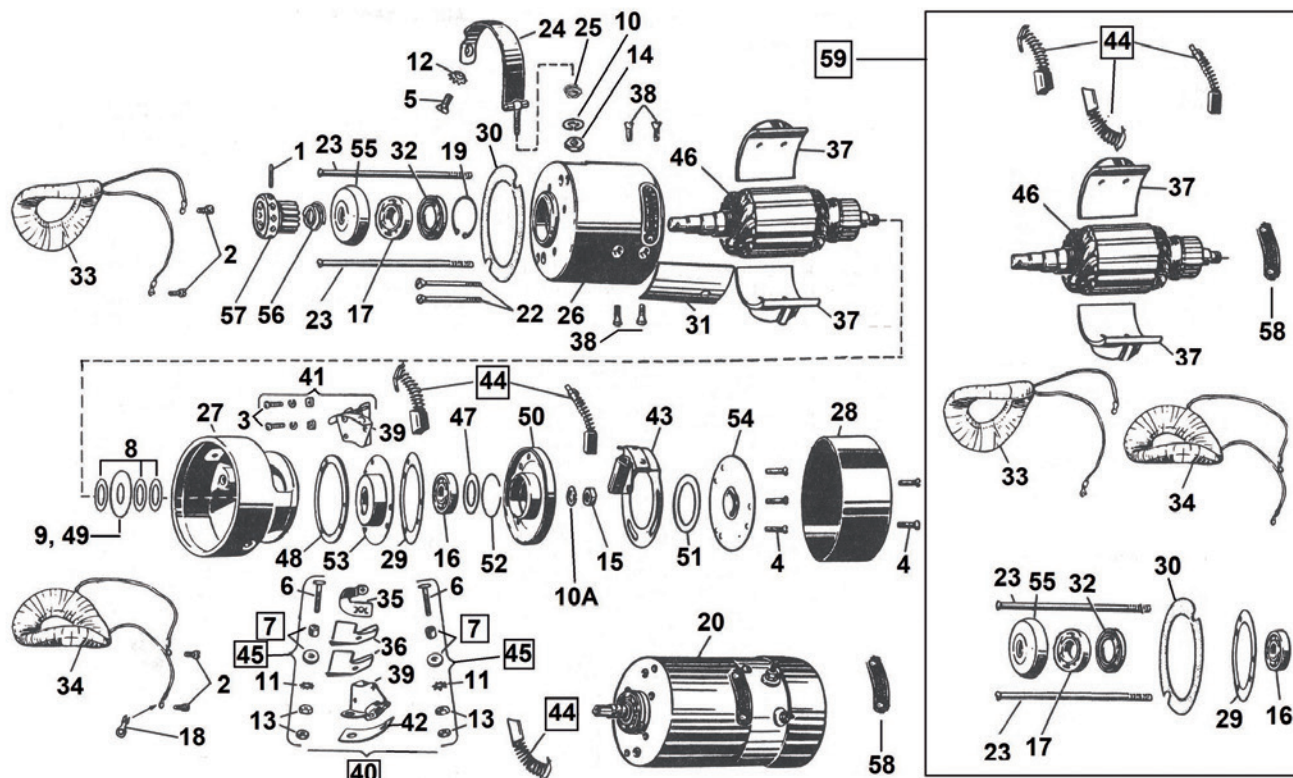
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1932-1957 3-BRUSH "32E" & "52E" GENERATOR PARTS

The 6-Volt "32E" generator was used on every Harley-Davidson V-Twin from 1932 thru 1951 and was replaced by the "52E" generator in 1952, which was used thru 1957. The "52E" shares many, but not all, parts with the "32E".

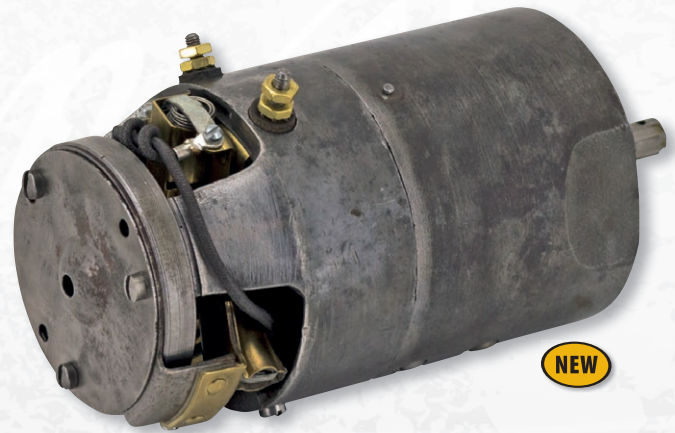
- 1930-1936 Big Twin, also known as Sidevalve or Flathead, indicated below as **VL**
- 1937-1948 Big Twin, also known as Sidevalve or Flathead, indicated below as **UL**
- 1936-1947 Big Twin, also known as OHV or Knucklehead, indicated below as **EL**
- 1948-1957 Big Twin, also known as OHV or Panhead, indicated below as **FL**
- 1930-1957 45CI solo models, indicated below as **W**
- 1930-1957 Servicar, indicated below as **G**
- 1952-1956 K, KH & KHK, indicated below as **K**
- 1957 Sportster, indicated below as **XL**

When no model is indicated the part fits all models for the years specified. Unless differently indicated all parts are sold each. Required quantities are indicated between parenthesis, for example like (2).

Pos	ZPN	Description	Application	OEM
1.	238891	Gear pin	1932-1957	327
2.	762600	Screw, #6-32x1/4, fillister head (4), 10-pack	1932-1957	993
3.	762614	Screw, #10-32x5/8, fillister head, cad plated (2), 10-pack	1932-1957	1202
3.	762615	Screw, #10-32x5/8, fillister head, zinc (2), 10-pack	1932-1957	1202
4.	762616	Screw, #10-32x5/8, fillister head, cad plated (2), 10-pack	1932-1957	1210
4.	762617	Screw, #10-32x5/8, fillister head, parkerized (2), 10-pack	1932-1957	1210
4.	762618	Screw, #10-32x5/8, fillister head, chrome (2), 10-pack	1932-1957	1210
5.	238893	Screw, 5/16-18x13/16 oval head (5), 12-pack	1932-1957	1956
6.	780257	Terminal screw (2), 10-pack	1932-1957	2690W, 30460-32
7.	780258	Insulating washer and bushing (2), 10 of each	1932-1957	6186 + 30463-32
8.	780259	Washer, 31/64"x3/4"x1/64"	1932-1957	6543
9.	-	Washer, 15/32"x3/4"x1/4"	1932-1957	6551
10.	-	Lock washer, 5/16"	1932-1957	7040
10A.	743953	Lock washer, 3/8", 50-pack	1932-1957	7045
11.	782464	Lock washer, #10 external tooth, 100-pack	1932-1957	7220
12.	-	Lock washer, countersunk, 5/16 external tooth	1932-1957	7233

Pos	ZPN	Description	Application	OEM
13.	780271	Brass nut with lockwasher, 10 of each	1932-1957	7220 + 7634
14.	743985	Nut, 5/16-24, zinc, 50-pack	1932-1957	7752
15.	743987	Nut, 3/8-24, zinc, 30-pack	1932-1957	7789
16.	780252	Armature bearing, brush end, 12x32x10mm, NSK 6201	1918-1957	31009-18, 9005
17.	780253	Armature bearing, drive end, 15x35x11mm, SKF 6202	1918-1957	31009-30, 9007
17.	231427	Armature bearing, drive end, 15x35x11mm, V-Twin Mfg.	1918-1957	31009-30, 9007
18.	-	Field coil wire terminal	1924-1957	9900
19.	-	Retaining ring	1932-1957	11004
20.	745830	Generator, remanufactured, Samwel	1932-1957	29975-30
21.	-	Overhaul kit	1932-1948	30007-40
22.	-	Fastening screw, 1/4-24x1 1/8" oval head (2)	1932-1957	2349
22.	780260	Fastening screw, set of 2	1930-1936 VL, 1937-1948 UL	30011-30
22.	780261	Fastening screw, set of 2	1936-1957 FL	30011-36
23.	780262	Frame screw, set of 2	1932-1957	30012-32
24.	780244	Generator strap, chrome	1930-1936 VL, 1937-1948 UL, 1930-1957 W & G	30025-30
24.	780245	Generator strap, black	1930-1936 VL, 1937-1948 UL, 1930-1957 W & G	30025-30
24.	780243	Generator strap, chrome	1936-1952 FL	30025-36
25.	-	Washer	1932-1957	30029-30
26.	780272	Frame	1932-1948	30090-32
26.	-	Frame	1949-1954	30093-49
27.	-	Left frame end	1932-1957	30132-32
28.	780233	Commuter cover, black	1932-1957	30137-32
28.	780234	Commuter cover, chrome	1932-1957	30137-32
29.	780276	Gasket, Genuine James, 10-pack	1932-1957	30138-30
30.	740379	Gasket, Genuine James, 10-pack	1932-1957	30143-30
31.	-	Shim	1948-1957 FL	30144-45
32.	742869	Oil seal, Genuine James, 5-pack	1946-1957	30145-46
32.	-	Felt washer retainer, replaced by oil seal	1946-1957	30146-46
33.	780251	Shunt field coil, white dot, Samwel, Made in Holland	1932-early 1952	30202-32
33.	-	Field coil	late 1952-1957	30202-52

Pos ZPN	Description	Application	OEM
34. 780250	Regulating field coil, orange dot, Samwel, Made in Holland	1932-early 1952	30206-32
35. -	Field coil wire terminal	1932-1957	30231-51
36. 780263	Gasket, field coil terminal (2), Eastern USA, 10-pack	1932-1957	30228-32
37. 780277	Pole piece, set of 2, V-Twin Mfg.	1932-early 1952	30271-30
37. 780279	Pole piece, set of 2, Samwel	1932-early 1952	30271-30
38. 780264	Pole piece screw (4), 10-pack	1918-1957	30280-18
39. -	Brush holder only (2)	1952-1957	30351-51
40. 780273	Positive brush holder	all 1932-1951, 1952 45CI	30352-32
40. -	Positive brush holder	1952-1957 FL	30352-52
41. 780274	Negative brush holder	all 1932-1951, 1952 45CI	30353-32
41. 780275	Negative brush holder	1952-1957 FL	30353-52
42. 780265	Gasket, brush holder insulator, Eastern USA, 10-pack	late 1952-1957	30373-51
43. 780266	Third brush holder, Eastern USA	1932-1957	30385-32
44. 745980	Set brushes and springs, Samwel	1932-early 1952	30425-32; 30450-32 + 30429-216
44. 780267	Set brushes and springs, Eastern USA	late 1952-1957	30425-51; 30450-51A + 30427-26
45. 710722	Positive terminal screw kit, 6186+7220+7 634+30460-32+30463-32	1932-1957	30461-32
46. 780275	Armature, V-Twin Mfg.	1932-1957	30851-32
47. -	Shim .018"	1918-1957	30890-18
48. -	Shim, .015"	1952-1957	30890-51
49. -	Washer, bakelite	1930-1950	30985-29
50. -	Brush end bearing housing	1932-1957	31010-48, 31010-32
51. 780268	Gasket, commutator end, Eastern USA, 10-pack	1930-1957	31015-30
52. -	Bearing plate spring ring	1930-1957	31017-29
53. 780269	Inner oil retainer, brush end, Eastern USA	1932-1957	31020-30
54. 780270	Outer oil retainer, brush end, Eastern USA	1933-1957	31022-33
55. 232184	Drive end oil deflector, Samwel	1932-1957	31035-31
56. 232003	Drive end spring	1932-1957	31040-31
- -	Drive end felt washer, replaced by 30145-46 oil seal	1932-1945	31041-31
- -	Drive end spring ring, replaced by 30145-46 oil seal	1932-1945	31045-31
- -	Retainer, replaced by 30145-46 oil seal	1932-1945	31046-31
57. 781156	Drive gear, Eastern USA	1930-1935 VL, 1936-1947 EL, 1948-1957 FL	31070-30
57. 238905	Drive gear, Samwel	1937-48 UL, 1930-1957 W & G	31071-37
57. -	Drive gear	1952-1956 K, 1957 XL	31071-52
58. 780239	Generator tag, brass, Samwel	1932-1957	-
59. 782197	Rebuild kit, V-Twin Mfg.	1936-1957	-



NEW



SAMWEL REBUILD GENERATORS FOR VINTAGE MODELS

These completely rebuild "32E" style generators fit all 1932 thru 1964 Harley-Davidson V-Twins. Available in 6 Volt like stock, but also in 12 Volt. The 12 Volt version looks exactly the same as the stock generator, so great for your restoration project.

745830 Rebuild generator, 6 Volt (OEM 1501-30/29975-30)

745831 Rebuild generator, 12 Volt



Replacement parts for all 32E generators

780233 End cover, black (OEM 30137-32)

780234 End cover, chrome (OEM 30137-32)

780235 End cover screws, set of 2, cad plated (OEM 1210)

780236 End cover screws, set of 2, chrome (OEM 1210)

780237 End cover screws, set of 2, black parkerized (OEM 1210)



NEW



REBUILD KIT FOR 6 VOLT "32E" GENERATORS

Complete kit to overhaul 6 Volt 32E style generators as used on 1936-1952 E, EL & ELH and 1941-1957 F, FL & FLH. Includes cast end cover, drive gear, bearings, brushes, field coils, armature, pole pieces, gaskets, seals and various screws.

782197 Complete 32E 6V rebuilt kit

01	HELMETS, LUGGAGE, AUDIO & MORE
02	SEAT
03	EXHAUST
04	ELECTRIC & LIGHT
05	ENGINE ELECTRICS
06	INTAKE
07	ENGINE
08	PRIMARY
09	TRANSMISSION
10	FINAL DRIVE
11	WHEELS & TIRE
12	BRAKE
13	FOOT CONTROL
14	HANDLEBAR
15	FRONT SUSPENSION
16	CHASSIS/FRAME & SHOCKS
17	FENDER & STRUTS
18	GAS TANK & INSTRUMENT
19	OIL TANK, FILTER & LINE
20	FASTENERS
21	MIRROR
22	WINDSHIELD
23	OIL, CHEMICALS & TOOLS
24	TECHTIPS & CROSS REF > ZPN
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Cycle Electric Inc.
All Components
Top Quality Made in U.S.A.

CYCLE ELECTRIC 6 VOLT GENERATOR

Made in the USA to Harley-Davidson specifications for restoration purposes. It is bolt-on for 1958 thru 1964 Sportster and Big Twin. Can also be used on 1936 thru 1957 models using a ZPN 151038 oil deflector in stead of the OEM one and discarding the spring.

782249 Cycle Electric 6 Volt generator (OEM 29975-61)



12 VOLT GENERATORS

Fits all models Sportster 1965 thru 1981 and Big-Twin 1965 thru 1969 with 12 Volt generators. Feature machine wound armatures with hardened shafts and top quality bearings. Available in show-chrome finish.

151080 Chrome (OEM 29976-83T)



Samwel
SUPPLIES
MOTORCYCLE PARTS, SADDLES & SADDLEBAGS

SAMWEL 12 VOLT GENERATOR REBUILD KIT FOR VINTAGE MODELS

This complete kit allows you to rebuild your "32E" style generator as used on all 1932 thru 1964 Harley-Davidson V-Twins into a 12 Volt system. Does not change the appearance, so also great for your restoration project.

745832 Rebuild kit for 32E generator

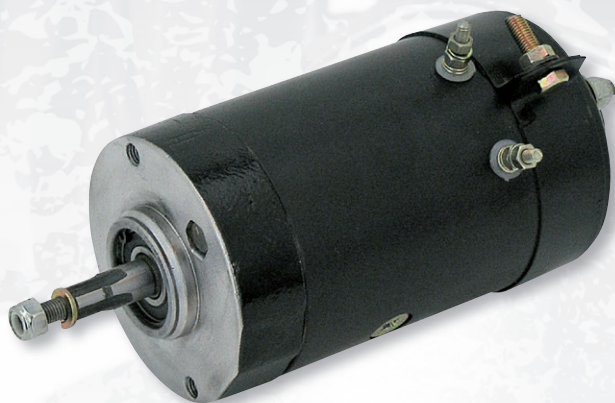


Cycle Electric Inc.
All Components
Top Quality Made in U.S.A.

CYCLE ELECTRIC 12 VOLT GENERATOR

Made in the USA to Harley-Davidson specifications for restoration purposes. It is bolt-on for 1965 thru 1981 Sportster and 1965 thru 1969 Big Twin. Can also be used to replace the 65B Hitachi 82-84 generator by adding an extra ZPN 151038 oil deflector. Can also be used to convert 1936 thru 1964 models from 6 to 12 Volt using a ZPN 151038 oil deflector in stead of the OEM one and discarding the spring.

782248 Cycle Electric 12 Volt generator (OEM 29975-65A)



12 VOLT GENERATOR

High-quality 12 Volt generator that fits all 1965 thru 1981 Sportster models and 1965 thru 1969 Big Twin models. Armature is balance wound with epoxy-bonded wires. The hardened shaft is installed with high precision ball bearings.

743213 Black (OEM 29975-65B)

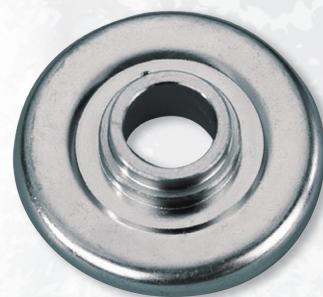


ACCEL

UNIVERSAL BRACKET

Accel's universal mounting bracket lets you install electronic regulators on early model bikes and custom frames.

231901 Mounting bracket



OIL DEFLECTOR

Fits OEM as well as Zodiac generators (OEM 31035-58).

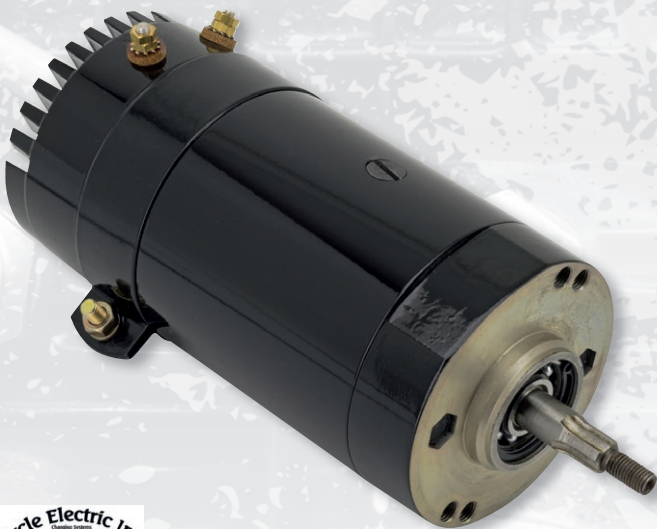
151038 Oil deflector

01
HELMETS,
LUGGAGE,
AUDIO & MORE02
SEAT03
EXHAUST04
ELECTRIC
& LIGHT05
ENGINE
ELECTRICS06
INTAKE07
ENGINE08
PRIMARY09
TRANSMISSION10
FINAL DRIVE11
WHEELS &
TIRE12
BRAKE13
FOOT
CONTROL14
HANDLEBAR15
FRONT
SUSPENSION16
CHASSIS/
FRAME
& SHOCKS17
FENDER
& STRUTS18
GAS TANK &
INSTRUMENT19
OIL TANK, FILTER
& LINE20
FASTENERS21
MIRROR22
WINDSHIELD23
OIL, CHEMICALS
& TOOLS24
TECHTIPS &
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INDEX**ALL BALLS 12 VOLT GENERATOR**

12 Volt generator that fits all 1965 thru 1981 Sportster models and 1965 thru 1969 Big Twin models. Can also be used to convert 1954 thru 1964 Sportster and 1958 thru 1964 Big Twin to 12 Volt.

743740 Black (OEM 29975-65B & 29978-77)

743741 Chrome (OEM 29975-65B & 29978-77)

**CYCLE ELECTRIC GENERATORS WITH BUILT-IN REGULATOR**

These are complete charging systems in a single, self-containing unit. Feature simplified wiring, higher output and longer service life. Clearance must be checked on foot clutch models. Replacement bolt-on regulators are also available.

782252 6 Volt charging system for 1936 thru 1964 models. Installation on 1936 thru 1957 models requires the use of the later style ZPN 151038 oil deflector

782251 12 Volt charging system to convert 1936 thru 1964 6 volt models using a small 12 volt battery. Installation on 1936 thru 1957 models requires the use of the later style ZPN 151038 oil deflector

782250 12 Volt High Output system for 1965 thru 1984 models. Installation on 1982 thru 1984 models requires an extra oil deflector ZPN 151038

Replacement regulators for above

782317 Fits ZPN 782252

782316 Fits ZPN 782251

782315 Fits ZPN 782250

**GENERATOR DRIVE GEARS**

High quality replacement drive gears for 45CI, Big Twin and Sportster models.

151043 13 Tooth, fits Big-Twin models 1958 thru 1969, Eastern USA (OEM 31070-58T)

151044 14 Tooth, fits Sportster models 1963 thru early 1984, V-Twin Mfg. (OEM 31073-63TA)

781155 Original equipment on 1958-1973 Servicar. Can also be used to install 12 Volt generators on earlier Sidevalve 45CI and Big Twin models, V-Twin Mfg. (31075-58B)

781156 14 Tooth, fits 1936 thru 1957 OHV Big Twins, Eastern USA (OEM 31070-30)

238905 14 Tooth, fits 1937 thru 1952 45CI Solo, 1937 thru 1948 Sidevalve Big Twin and 1953 thru 1957 Servicar, Samwel (OEM 31071-37)

**SAMWEL GENERATOR MOUNT STRAPS**

OEM replacement mount straps for early 32E-style generators. The 5/16"-18 x 13/16" countersunk mount screw must be ordered separately.

780243 Chrome strap, fits 1936-1957 E, EL, F & FL (OEM 30025-36)

780244 Chrome strap fits 1930-1952 DL, RL, W, WL, WLA, WLC, 1930-1954 Servicar & 1932-1948 U, UL, UH & ULH (OEM 30025-30)

780245 Black strap, fits 1930-1952 DL, RL, W, WL, WLA, WLC, 1930-1954 Servicar & 1932-1948 U, UL, UH & ULH (OEM 30025-30)

780246 5/16"-18 x 13/16" flat head screw, parkerized (OEM 1956)

**12 VOLT ALTERNATOR KIT FOR GENERATOR MODELS**

Now you can convert your old generator equipped Harley to a reliable 12 Volt alternator system that gives 17 Amps. The alternator bolts on in place of the original generator. Kit includes alternator, regulator/rectifier, gear, oil deflector kit and mount screws. On 1941 thru 1957 Big Twins the generator screw holes must be enlarged to 5/16" to fit the supplied generator screws.

781151 Fits 1941 thru 1969 Big Twin, black alternator and black finned regulator/rectifier

781152 Fits 1941 thru 1969 Big Twin, chrome alternator and chrome finned regulator/rectifier

781154 Fits 1936 thru 1973 45CI Side Valve W & G models, black alternator and black finned regulator/rectifier

781153 Fits 1936 thru 1973 45CI Side Valve W & G models, chrome alternator and chrome finned regulator/rectifier

**SAMWEL GENERATOR END CAP**

This 32E-style generator end cap will fit later 2-brush style generators but give them the look of an earlier vintage generator. Fits OEM 29975-61, 29976-83T, 29975-65A, 29975-65B and 29978-77 style generators.

780232 Black generator end cap



Genuine

GENERATOR OIL SEAL

Oil seal for the generator drive gear side on 1952 thru 1969 Big Twin and 1958 thru 1981 Sportster. made by James Gaskets. Sold in dealer 5-packs.

742869 Generator oil seal (OEM 30145-46A)



Cycle Electric Inc.



STANDARD

1958-1981 2-BRUSH GENERATOR PARTS

Parts for the 6V or 12V two-brush generator as used on 1958 thru 1969 FL Big Twin, 1958-1981 Sportster and 1958-1965 Servicar.

231700 [A.] Premium quality generator brush set, V-Twin Mfg. (OEM 30426-58)

700577 [A.] Heavy-Duty brush set, Standard Motor Products (OEM 30426-58)

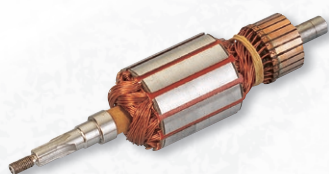
231427 [B.] Generator ball bearing, gear end (OEM 9007)

231428 [C.] Generator needle bearing, end cover (OEM 9064)

782245 [D.] Brush holder with brushes, Cycle Electric (OEM 30350-66)

782246 [E.] End plate with bearing, Cycle Electric (OEM 30095-61)

782247 [F.] End cover with bearing, Cycle Electric (OEM 30132-61A)



ACCEL

ARMATURE FOR 12 VOLT HARLEY GENERATORS

These armatures fit all 12 Volt 2 brush generators 1965 thru 1981 (OEM 30851-65 & 30851-65TA).

231922 Accel Generator armature

782243 Cycle Electric armature



Cycle Electric Inc.

FIELD COIL SET FOR 12 VOLT GENERATOR

Fits OEM, Cycle Electric, as well as Zodiac 12 Volt generators.

782244 Field coil set 12 Volt (OEM 30201-65)



ACCEL

ACCEL GENERATOR OVERHAUL KIT

Accel's famous brush sets are accompanied by a special double lip oil seal which guards against oil seepage into the generator and an UL approved fiber generator gasket cover gasket impregnated with chemical solids, maintaining a seal under extreme conditions.

231921 Generator overhaul set



Cycle Electric Inc.

CYCLE ELECTRIC GENERATOR REPAIR KIT

Repair kit for Cycle Electric and OEM 12 Volt generators 1965 thru 1981. Includes most internal parts except armature, field coils, pole shoes and brush holder.

782253 Generator repair kit



ZODIAC

2 YEARS WARRANTY

CHROME WRAPAROUND GENERATOR COVER

Fits 2 brush generator on Big Twin models 1958 thru 1969 and Sportster models 1957 thru 1981 (OEM 31080-83T).

301224 Generator cover



ZODIAC

2 YEARS WARRANTY

REGULATOR MOUNTING BRACKET

Chrome plated regulator bracket, mounts Bosch style regulator to the generator. Fits all Big Twin and Sportster models with generators.

032325 Regulator mounting bracket



ZODIAC

2 YEARS WARRANTY

REGULATOR BRACKET

Replaces the obsolete original regulator bracket. Fits 1958 thru 1964 Big Twin models. Mounts to the rear motor mount holes. Chrome finish (OEM 74531-58T).

032532 Regulator bracket



ZODIAC

2 YEARS WARRANTY

CHROME REGULATOR BRACKET

This chrome regulator bracket mounts solid-state regulators on models with solid mounted motors. Fits 1970 thru 1975 Big Twins (OEM 74533-70TA).

301255 Chrome regulator bracket



ZODIAC

2 YEARS WARRANTY

CHROME RECTIFIER BRACKET

Chrome plated rectifier bracket fits Big Twin models 1976 to 1986, including Softail (OEM 74533-75TB & 74534-80).

301256 Chrome rectifier bracket



Samuel

NEW

32E GENERATOR NAME PLATE

Replica from the genuine brass name plate as found on 32E generators as used on 1932 thru 1957 models. Great for restoration projects.

780239 Brass 32E generator name plate



ZODIAC

2 YEARS WARRANTY

GENERATOR END COVER

Custom chromed end cover. Fits all Sportster models 1957-1981 and Big Twins 1958 thru 1969 (OEM 31081-83T).

151037 Custom generator end cover, chrome finish



ZODIAC

RELAY MOUNTS FOR EARLY MODELS

Replicas from the OEM relay mounts on 1936-1946 and 1947-1964 Big Twins.

781185 Fits 1936 thru 1946 Big Twins (OEM 74765-36)

781184 Fits 1947 thru 1964 Big Twins (OEM 74765-47)



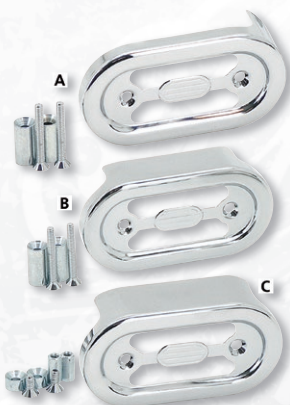
ZODIAC

2 YEARS WARRANTY

RECTIFIER/REGULATOR BRACKET

This chrome rectifier/regulator bracket is an exact reproduction of the Original Equipment bracket. Made from the correct gauge metal and has two extra holes for relocation of the rectifier/regulator in custom applications. Fits all 1980 thru 1995 FLH and FLT series Touring models and 1982 thru 1994 FXR.

012386 Rectifier/regulator bracket (OEM 74529-79T)



GENUINE ZODIAC
2 YEARS WARRANTY
CHROME PLATED OVAL SHAPED REGULATOR COVERS

Chrome plated stamped steel regulator covers, features cut outs for cool air to flow over the regulator to avoid over heating. Comes complete with chrome mounting hardware. Available for 1991 thru 2003 Sportster models, 1989 to present Softail models and 1991 thru 2003 Dyna models.

- 151049** [A.] Fits 1985 thru 2003 Sportster models (OEM 74579-97)
151048 [B.] Fits 1991 thru 2003 Dyna models (OEM 74577-97)
151047 [C.] Fits 1989 thru 1999 Softail models (OEM 74578-97)
151046 Fits 2000 Softail models (OEM 74582-00)



Samuel
ELECTRONIC VOLTAGE REGULATOR & IDIOT LIGHT RELAY COMBO

The mechanical type relay as found on all 1938 thru 1954 45CI and Big Twins has a number of disadvantages. It was proven unreliable and there was no way the output voltage was regulated, so not very easy on the battery. This solid state full electronic item is very reliable and controls the voltage to your battery. Also available in a version for models that have been converted to a 12 Volt system. It fits under the stock relay cover, which we also have available in your choice of black and chrome.

- 745954** For 6 volt models (OEM 74750-38)
745955 For models converted to 12 Volt
745956 Relay cover, chrome (OEM 74755-38)
745957 Relay cover, black (OEM 74755-38)



IDIOT LIGHT RELAY & COVER FOR 45CI AND EARLY BIG TWIN

Solid state version to replace the very unreliable mechanical type relay as found on all 1938 thru 1954 45CI models and Big Twins. An exact copy of the genuine relay cover is available in your choice of black and chrome.

- 745953** Solid state "Idiot Light" relay (OEM 74750-38)
745956 Relay cover, chrome (OEM 74755-38)
745957 Relay cover, black (OEM 74755-38)



BOSCH STYLE REGULATOR

Fits all XLH 1965 thru 1966 and XLCH models 1965 thru 1978. Also fits generator type 12 Volt Big Twins with kickstart.

- 231728** Bosch style regulator, Eastern USA (OEM 74511-65)
231924 Bosch style regulator, V-Twin Mfg. (OEM 74511-65)



GENERATOR FITTED REGULATOR

A solid state electronic regulator that bolts on to the generator on 12 Volt Big Twin models from 1965 thru 1969 and Sportsters from 1965 thru 1982. Rugged ceramic hybrid construction. Although it is a small part you may not like the looks of it. No problem, you can cover it up with our separately available chrome generator end cover.

- 743261** Electronic regulator mounted regulator
151037 Custom generator end cover, chrome finish



ELECTRO-MECHANICAL 6 VOLT VOLTAGE REGULATOR

This Accel regulator is set at the factory to exact OEM specifications and feature heavy-duty shock mounted steel bases, vibration resistant internal wire connections, OEM style cover, fiber and mylar insulating pads, and large diameter contact surfaces. Fits 6 Volt K and XL models from 1952 thru 1964 and 1958 thru 1964 Big Twin models (OEM 74510-47A).

- 232032** Accel 6 Volt regulator



ACCEL'S DELCO TYPE MECHANICAL VOLTAGE REGULATOR

Accel's popular electro mechanical voltage regulators are factory set at exact OEM specifications and feature heavy-duty shock mounted bases, vibration proof internal wire connections, OEM style covers, fiber and mylar insulating pads and large diameter contact surfaces. Fits 12 Volt FL/FLH 1965 thru 1969 and 1965 thru 1978 XLH (OEM 74510-64).

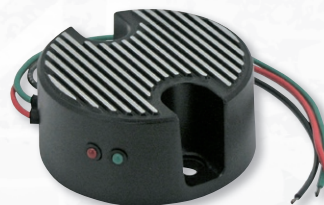
- 231923** Accel Delco type regulator



DELCO TYPE VOLTAGE REGULATOR

This black enamel top-quality electro mechanical voltage regulator is made in the USA by Standard Motor Products Inc. and is a totally OEM equivalent. Fits 12 Volt FL and FLH models 1965 thru 1969 and XLH models 1965 thru 1978.

- 700576** Delco type voltage regulator (OEM 74510-64)



CUSTOM STYLE GENERATOR FITTED REGULATOR

This electronic regulator for 12 Volt Big Twin models from 1965 thru 1969 and Sportsters from 1965 thru 1982 bolts straight onto the generator end cover. It is a solid state ceramic hybrid construction that has already proven to be far more reliable than the stock mechanical regulator. Also cleans up the looks of your bike as it releases you from the separate, in sight frame mounted regulator. Black finish with highlighted cooling fins.

- 743260** Electronic generator mounted regulator



CYCLE ELECTRIC GENERATOR FITTED VOLTAGE REGULATORS

These electronic regulators replace the end bell and become a structural part of the generator. The current limiting circuit senses armature temperature and adjusts available output to allow for maximum amperes without overheating the armature. This gives you more power for faster battery recharging and cooler operation for longer generator life. Can also be used without battery. Will not fit some models with foot clutch. Installation on FL models with an OEM pre-1992 or aftermarket generator with the fins level with the motor requires the separate purchase of the ZPN 782246 end plate.

- 782318** Fits any Model 65A 12 Volt generator. Must be used with 7AH or more battery
782319 Fits any Model 65A 12 Volt generator, tuned for a 5.5AH battery in 6-volt oil tank
782246 Optional end plate to install 12 volt regulator with the fins level on FL models
782320 Fits any Model 61 2-brush 6 volt generator

01
HELMETS,
LUGGAGE,
AUDIO & MORE

02
SEAT

03
EXHAUST

04
ELECTRIC
& LIGHT

05
ENGINE
ELECTRICS

06
INTAKE

07
ENGINE

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PRIMARY

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TRANSMISSION

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FINAL DRIVE

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WHEELS &
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BRAKE

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Stator, rotor & regulator kit

	Stator only	Regulator only	Fits On	AMPS @ 1000 RPM	AMPS @ 2500 RPM	
782272	782222	782327	1999-2003 Touring (Note 2)	34	54	01 HELMETS, LUGGAGE, AUDIO & MORE
782273	782222	782327	2004-2005 Touring (Note 2)	34	54	02 SEAT
782274	782221	782331	2006 Touring (Note 2)	34	54	03 EXHAUST
782275	782221	782331	2007-2008 Touring (Note 2)	34	54	
782277	782221	782332	2009-2010 Touring without oil cooler	34	54	
782279	782221	782333	2009-2010 Touring with oil cooler	34	54	
782280	782221	782333	2011-2013 Touring	34	54	04 ELECTRIC & LIGHT
782268	782218	782325	2006-2007 Dyna	33	50	
782281	782219	782326	2008-2011 Dyna	33	50	
782270	782218	782322	2007 Softail	33	50	05 ENGINE ELECTRICS
782283	782219	782323	2008-2011 Softail	33	50	
782285	782219	782323	2012-2017 Dyna	33	50	
782286	782219	782323	2012-2017 Softail	33	50	06 INTAKE

80 Series 50 Amp Three Phase Kits for Twin Cam models Screamin' Eagle compensator sprocket or that have been upgraded to the 2008-up style compensator, these have an alternator rotor without a spring cup

782269	782218	782325	2006-2007 Dyna	33	50	07 ENGINE
782271	782218	782322	2007 Softail	33	50	
782276	782221	782331	2007-2008 Touring (Note 2)	34	54	08 PRIMARY
782278	782221	782332	2009-2010 Touring without oil cooler	34	54	
782282	782219	782326	2008-2011 Dyna	33	50	
782284	782219	782323	2008-2011 Softail	33	50	09 TRANSMISSION

Note 1: Installation on 1970 thru 1988 models requires separate purchase of ZPN 782340 shim kit

Note 2: Not recommended for use with an oil cooler mounted in front of the regulator



range. This reduces battery discharge at idle too. Cycle Electric also use top quality plug materials. When replacing a stator on Evolution and Shovelheads you should compare the plug type to see which system is currently being used. If in doubt replace the complete system as a set. Twin Cam models use the same plug on more than one system, so comparing plugs will not work. All Cycle Electric Inc. stators are backed by our two-year guarantee.

Sportster

- 782207** Fits 1984 thru 1990, plug style E (OEM 29967-84)
- 782208** Fits 1991 thru 2006, plug style E (OEM 29967-89)
- 782200** Fits 2007 thru 2013, including XR1200, plug style X (OEM 29997-07)

Shovelhead

- 782202** Fits 1981 thru 1983 (OEM 29965-81A)

Evolution Big Twin

- 782202** Fits 1984 thru 1988 (OEM 29965-81A)
- 782204** Fits 1989 thru 1999 as well as earlier models equipped with 32 Amp. alternator kit, plug style D (OEM 29970-88)
- 782209** Fits 1995 Ultra's and all 1996 thru 1998 Touring, plug style L (OEM 29987-97A, 29987-97B)

Twin Cam

- 782206** Fits 2000 Softail, plug style L (OEM 29951-99)
- 782212** Fits 2001 thru 2006 Softail, plug style W (OEM 30017-01)
- 782218** Fits 2007 Softail, plug style W (OEM 30017-07)
- 782219** Fits 2008-2017 Softail, except FXCW & FXCWC, plug style W (OEM 30017-08)
- 782206** Fits 1999 thru 2003 Dyna, plug style L (OEM 29951-99)
- 782212** Fits 2004 thru 2006 Dyna, plug style W (OEM 30017-01)
- 782218** Fits 2007 Dyna, plug style W (OEM 30017-07)
- 782219** Fits 2008-2017 Dyna, plug style W (OEM 30017-08)
- 782210** Fits 1999 thru 2001 Touring, plug style L (OEM 29987-99)
- 782211** Fits 2002 thru 2005 Touring, plug style V (OEM 29987-02)
- 782221** Fits 2006-2016 Touring, plug style U (OEM 29987-06)

Cycle Electric Inc.
Creating Superior
 All American Parts
 Top Quality Made in U.S.A.
 Cycle Electric Inc. 10000 Highway 100, Suite 100, Houston, TX 77059
 Phone: (281) 444-1111 Fax: (281) 444-1112

CYCLE ELECTRIC STATORS

It has taken Cycle Electric years of constant upgrading to develop their line of stators. They start with a higher temperature insulation system capable of withstanding temperatures in excess of 600° F (316 Celsius). Others fail at 425° F (218 Celsius). This thinner insulation allows better heat transfer and better magnetic coupling. They then wind each stator using a precision needle winder. This improves consistency, heat transfer, and magnetic coupling. Better heat transfer means cooler operating temperatures. Better magnetic coupling yields improved output over the entire R.P.M.



SOLID STATE OEM STYLE RECTIFIERS/REGULATORS

Zodiac offers a wide variety of top quality rectifiers & regulators for most Harley models. These solid state OEM style rectifiers & regulators are available in three different versions. All are a high quality and are imported from the USA or Japan. Accel rectifier/regulators feature a limited lifetime warranty.

Fits all Big Twins 6V generator 1958-1964 as well as 1952-1964 K and XL (OEM 74508-85 and 74510-47A) (Plug style I)

743233 Black finish, USA

782287 Cycle Electric USA, black with highlighted fins

Fits all FL 1965-1969, and Sportster 1965-1977 with 12V generator (OEM 74507-85A and 74510-64) (Plug style I)

731512 Accel, black finish, USA

731513 Accel, chrome finish, USA

743231 Black finish, USA

743232 Chrome finish, USA

782288 Cycle Electric USA, black with highlighted fins

Fits Sportster 1978-1981, XLCR 1977-1978 (OEM 74504-78) (Plug style K)

731508 Accel, black finish, USA

731509 Accel, chrome finish, USA

743225 Black finish, USA

743226 Chrome finish, USA

782290 Cycle Electric USA, black with highlighted fins

Fits Sportster 1982-1984 with 10Amp. 12V 65A-type generator (plug style J)

782291 Cycle Electric USA, black with highlighted fins

Fits all Sportsters 1982-early 1984 with 13Amp. 12V 65B-type generator (OEM 74504-82) (Plug style J)

731515 Accel, chrome finish, USA

743227 Black finish, USA

743228 Chrome finish, USA

782292 Cycle Electric USA, black with highlighted fins

Fits all Sportsters late 1984-1990 with 19Amp alternator (OEM 74523-84 and 74523-84A) (Plug style E)

721594 Black finish, Japanese import

721595 Chrome finish, Japanese import

731518 Accel, black finish, USA

731519 Accel, chrome finish, USA

782298 Cycle Electric USA, black with highlighted fins

743248 Black finish, USA (OEM 74523-84)

743249 Black finish, USA (OEM 74523-84A)

743793 Chrome finish, USA (OEM 74523-84A)

Fits Sportster 1991 with 22Amp alternator (OEM 74523-91) (Plug style E)

743250 Black finish, USA

743251 Chrome finish, USA

782299 Cycle Electric USA, black with highlighted fins

Fits all Sportsters 1991-1993 with 22Amp alternator (OEM 74523-91 and 74523-92) (Plug style E)

231727 Accel, black finish, USA

731521 Accel, chrome finish, USA

743252 Black finish, USA

743253 Chrome finish, USA

782300 Cycle Electric USA, black with highlighted fins

Fits all Sportsters 1994-2003 with 22Amp alternator (OEM 74523-94) (Plug style F)

231753 Accel, black finish, USA

231754 Accel, chrome finish, USA

743254 Black finish, USA

743255 Chrome finish, USA

782301 Cycle Electric USA, black with highlighted fins

Fits all Sportsters 2004-2006 with 22Amp alternator (OEM 74523-04) (Plug style P)

751328 Accel, chrome finish, USA

743276 Black finish, USA

743277 Chrome finish, USA

782302 Cycle Electric USA, black with highlighted fins

Fits all Sportster 2007 & 2008 with 32Amp. alternator (OEM 74546-07A) (Plug style X)

743278 Black finish, USA

743279 Chrome finish, USA

782303 Cycle Electric USA, black with highlighted fins

Fits all Sportsters 2009-2013 with 32Amp. alternator (OEM 74711-08) (Plug style X)

Also fits 2007 and 2008 Sportster as the wires with the round connector on 2009 models are just 2" (5cm) longer

743280 Black finish, USA

743281 Chrome finish, USA

782304 Cycle Electric USA, black with highlighted fins

Fits all Big Twin 1970-1975 (OEM 74510-70A) (Plug style C)

731503 Accel, black finish, USA

731504 Accel, chrome finish, USA

743237 Black finish, USA

743238 Chrome finish, USA

Fits all Big Twin 1976-1980 (OEM 74510-75A, 74512-79A and 77510-75A) (Plug style A)

731506 Accel, black finish, USA

731507 Accel, chrome finish, USA

743239 Black finish, USA

743259 Chrome finish, USA

782293 Cycle Electric USA, black with highlighted fins

Fits all Shovelhead and Evolution Big Twin 1981-1988 (OEM 74513-82A, 74512-84, 74513-85, 74515-86 and 74516-86) (Plug style B)

150043 Black finish, Japanese import

731516 Accel, black finish, USA

731517 Accel, chrome finish, USA

743243 Black finish, USA

743244 Chrome finish, USA

782294 Cycle Electric USA, black with highlighted fins

Fits all Evolution Big Twin 1989-1999 (OEM 74519-88), or models equipped with 32Amp. alternator kit (except Fuel injected models and 1995 thru 1998 FLT models) (Plug style D)



721592 Black finish, Japanese import
721593 Chrome finish, Japanese import
731739 Black finish, USA
731520 Accel, chrome finish, USA
743246 Black finish, USA
743247 Chrome finish, USA
782305 Cycle Electric USA, black with highlighted fins

Fits 1995-1996 FLH/FLT (OEM 74505-95) (Plug style G)
782311 Cycle Electric USA, black with highlighted fins

Fits 1997 thru 2001 FLH/FLT models (OEM 74505-97) (Plug style G)
731555 Accel, chrome finish, USA
731554 Accel, black finish, USA
743229 Black finish, USA
743230 Chrome finish, USA
782312 Cycle Electric USA, black with highlighted fins

Fits 2002 & 2003 FLH & FLT series models (OEM 74505-02) (Plug style S)
751332 Accel, chrome finish, USA
743262 Black finish, USA
743263 Chrome finish, USA
782313 Cycle Electric USA, black with highlighted fins

Fits 2004 & 2005 FLH & FLT series models (OEM 74505-04) (Plug style R)
751333 Accel, chrome finish, USA
743264 Black finish, USA
743265 Chrome finish, USA
782314 Cycle Electric USA, black with highlighted fins

Fits 2006 thru 2008 FLH & FLT series models (OEM 74505-06) (Plug style T)
751334 Accel, chrome finish, USA
743266 Black finish, USA
743267 Chrome finish, USA

Fits 2009 thru 2013 FLH & FLT series models (OEM 74505-09)
743790 Black finish, USA
743791 Chrome finish, USA

Fits 1999 thru 2003 Dyna models (OEM 74518-99A) (Plug style G)
731551 Accel, chrome finish, USA
731550 Accel, black finish, USA
743245 Black finish, USA
743792 Chrome finish, USA
782309 Cycle Electric USA, black with highlighted fins

Fits 2004 thru 2005 Dyna models with 38 Amp. alternator (OEM 74631-04) (Plug style Q)
743268 Black finish, USA
743269 Chrome finish, USA
782324 Cycle Electric USA, black with highlighted fins

Fits 2006 Dyna models with 38 Amp. alternator and 2007 Dyna models with 40 Amp. alternator (OEM 74631-06) (Plug style N)
751331 Accel, chrome finish, USA
743284 Black finish, USA made
743285 Chrome finish, USA made
782325 Cycle Electric USA, black with highlighted fins

Fits 2008 to present Dyna models with 40 Amp. alternator (OEM 74631-08) (Plug style T)
743270 Black finish, USA
743271 Chrome finish, USA

782326 Cycle Electric USA, black with highlighted fins

Fits 2000 Softail models with 32 Amp. alternator (OEM 74512-00) (Plug style G)

731549 Accel, chrome finish, USA
731548 Accel, black finish, USA
743240 Black finish, USA
743241 Chrome finish, USA
782310 Cycle Electric USA, black with highlighted fins

Fits 2001 thru 2006 Softail models with 38 Amp alternator (OEM 74540-01 & 74610-01) (Plug style H)

731553 Accel, chrome finish, USA
731552 Accel, black finish, USA
743256 Black finish, USA
743257 Chrome finish, USA
782321 Cycle Electric USA, black with highlighted fins

Fits 2007 Softail models with 40 Amp. alternator (OEM 74540-07) (Plug style O)

751329 Accel, chrome finish, USA
743272 Black finish, USA
743273 Chrome finish, USA
782322 Cycle Electric USA, black with highlighted fins

Fits 2008 thru 2017 Softail models with 40 Amp. alternator (OEM 74540-08, 74540-11) (Plug style T)

743274 Black finish, USA
743275 Chrome finish, USA
782323 Cycle Electric USA, black with highlighted fins

Fits 2008 thru 2010 VRSCAW (OEM 74440-08) (Plug style T)
743794 Black, USA
743795 Chrome, USA



Cycle Electric Inc.
Manufactured in the USA

REPLACEMENT WIRING HARNESS FOR CYCLE ELECTRIC CHARGING SYSTEMS

Worn out or cut wire? No problem, we have them.

782335 Fits ZPN 782313 regulator
782336 Fits ZPN 782243 & 782264 charging system
782337 Fits ZPN 782313 regulator
782338 Fits ZPN 782273 charging system
782339 Fits ZPN 782274 charging system



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SPYKE'S HIGH OUTPUT ALTERNATOR KIT

Complete 32 Ampere charging system, fits most Harley Big-Twin models 1970 thru 1999. It consists of a high performance Spyke rotor, stator and voltage regulator. Spyke rotors are an improved version of the OEM rotor with the magnets hold in a plastic insert to prevent for coming loose. Available as a complete kit with your choice of black painted or chrome plated voltage regulator. All parts are also separately available.

Note: Always check clearance of alternator wires when replacing stator and/or rotor

Complete 32 Amp charging kits, fit 1970 thru 1989 FL and FX models, 1982 thru 1994 FXR models, 1980 thru 1998 FLH/FLT models, 1990 thru 1999 Softail models and 1993 thru 1998 Dyna models

721441 With black voltage regulator

721442 With chrome plated regulator

32 Amp Rotors

721437 Fits 1990 thru 1999 Softail models and 1993 thru 1998 Dyna models

32 Amp Stator

721436 Fits most Big-Twin Models 1970 thru 1999, Plug style D

32 Amp voltage regulators (OEM 74519-88) for use with all 32 Amp kits

721439 Black voltage regulator

721440 Chrome plated regulator



COMPU-FIRE PARTS FOR COMPU-FIRE 40 AMP CHARGING SYSTEMS

The Compu-Fire 40 Amp Single Phase charging system (ZPN700970 and 700732) is no longer available, but we still have replacement parts available.

Replacement parts for Compu-Fire 40 Amp charging system

700733 Alternator rotor kit, made by Compu-Fire (OEM 29957-81B)



STANDARD MOTOR PRODUCTS ALTERNATOR STATOR AND ROTOR KITS

Convenient kits with alternator stator and matching rotor, but stators and rotors are available individually too. Kit for 1988 thru 1999 Evolution Big Twins includes a High-Output 32 amp stator. Kit for 2001 thru 2006 Softail and 2004 thru 2005 Dyna comes with a 3-phase 38 amp stator. Both work with the stock and all aftermarket replacement rectifier/regulator. Made by Standard Motor Products.

Fits all 1988 thru 1999 Evolution Big Twin

743451 Stator and rotor kit

743461 Stator only (Plug style D) (OEM 29970-88)

743452 Alternator rotor kit, made by Standard Motor Products (OEM 29957-81B)



Fits 2001 thru 2006 Softail and 2004 thru 2005 Dyna

743450 Stator and rotor kit

743462 Stator only (OEM 30017-01)

743453 Rotor only (OEM 29981-95)



SPORTSTER ALTERNATOR ROTORS

Original Equipment replacement alternator rotors. Made to exact OEM specifications.

231468 [A.] OEM type clutch shell & sprocket with alternator rotor, clutch sprocket and bearing. Fits all Sportster models 1984 thru 1990 (OEM 36791-84)

781114 [A.] Clutch shell & sprocket with alternator rotor, clutch sprocket and bearing. Fits all Sportster models 1984 thru 1990, V-Twin Mfg. (OEM 36791-84)

782223 [A.] Clutch shell & sprocket with alternator rotor, clutch sprocket, bearing, alternator rotor and rectifier/regulator. Fits all Sportster models 1984 thru 1990, Cycle Electric (OEM 36791-84)

231518 [B.] OEM type alternator rotor, fits all Sportster models 1991 thru 2003 and Buell models 1997 thru 2002 (OEM 32413-92A & OEM 32403-89A)

724333 [C.] OEM type alternator rotor with 38 tooth primary chain sprocket, fits 2004 to present European 883 models and all 2004 to present XL 1200 (OEM 32494-04)

724334 [C.] OEM type alternator rotor with 34 tooth primary chain sprocket, fits 2004 to present U.S. Domestic 883 models (OEM 32493-02B)





COMPU-FIRE'S CHROME PLATED BILLET ALUMINUM ELECTRONIC VOLTAGE REGULATOR

Compu-Fire's electronic voltage regulator is voltage output calibrated for maintenance free batteries. The regulator circuitry opens the charging system when the battery is fully charged, resulting in cooler stator operation and extended system life compared to the stock shunt style regulator, which fully loads stator by grounding the output at full charge. Regulators come in a billet aluminum housing with a beautiful chrome finish.

For Big Twin models

700794 Fits 1989 thru 1999 Evolution Big Twin models (except fuel injected models) or models equipped with 32 Amp alternator kit, Plug style D (OEM 74519-88)



STATOR FOR BIG TWIN

Zodiac offers the best stator available today. These superb quality stators are made from the best materials available and meet or exceed OEM specifications. Available for all Big Twins 1970-1975.

151133 Fits 1970 thru 1975 Big Twin models, 4 pin plug (OEM 29965-70), unmolded (style B)



THREE PHASE ALTERNATOR STATOR

High quality replacement 3-phase alternator stators for Twin Cam Softail and Dyna. Made in the USA.

760647 Fits 2008-2017 Softail and Dyna (OEM 30017-08)



Cycle Electric Inc.
Creating the Future
Top Quality Made in U.S.A.

SPECIAL APPLICATION REGULATORS AND RECTIFIER/REGULATORS

Made in the USA by Cycle Electric for custom bikes with no battery at all, smaller-than-stock battery, or the battery fitted inside the oil tank.

782289 Regulator, fits 1965 thru 1977 Sportster and 1965 thru 1969 Big Twin with 12 volt generator and a small 12 Volt battery in an oil tank designed for the 6 Volt battery, or no battery at all
782295 Rectifier/regulator, fits 1984 thru 1988 Softail with the battery fitted in a horseshoe style oil tank. Gives lower amperage as a stock regulator, which prevents for overheating the battery

782297 Rectifier/regulator, fits Big Twin models fitted with a 22 Amp alternator and no battery. Must be used with a Battery Eliminator (ZPN 231903)



STANDARD **ACCEL**

ALTERNATOR STATOR FOR DYNA & SOFTAIL

These alternator stators come with all wires and terminals installed. Socket and socket lock must be re-used or ordered separately. Fits 1999 thru 2003 Dyna and 2000 Softail (OEM 29951-99) (plug style F).

Note: Always check clearance of alternator wires when replacing stator and/or rotor

237315 Accel

743457 Standard Motor Products

Optional parts

751313 Terminal socket (OEM 72030-97)

751318 Terminal socket lock, dealer 5-pack (OEM 70202-97)



ACCEL

ACCEL'S HIGH OUTPUT ALTERNATOR KIT

Complete High Output charging systems with a high performance rotor, stator and voltage regulator. Come as complete kits with a chrome plated voltage regulator. All parts are also separately available.

Note: Always check clearance of alternator wires when replacing stator and/or rotor. No warranty on cut of or short circuited alternator wires.

32 Amp charging kits, fit
1970-1989 FL/FX, 1982-1994 FXR, 1980-1998 FLH/FLT, 1990-1999 Softail and 1993-1998 Dynas
731446 With chrome plated regulator

32 Amp Rotors

731447 Fits 1990-1999 Softail & 1993-1998 Dyna (OEM 29957-81B)

32 Amp Stator

235081 Unmolded stator, fits 1989-1998 models as well as earlier models equipped with 32 Amp alternator kit, plug style D with thick pin (OEM 29970-88)

32 Amp Voltage regulators (OEM 74519-88) for use with all 32 Amp kits

731520 Accel, chrome finish, USA

38 Amp charging kit fits 2001-2006 Softail

747047 With chrome regulator



STANDARD

ALTERNATOR STATOR FOR 1997 THRU 1998 TOURING

This Single Phase 45 Amp alternator stator is made by Standard Motor Products. Stock replacement for all 1997 thru 1998 Touring models.

743459 45 Amp alternator stator (OEM 29987-97)



STANDARD MOTORCYCLE PRODUCTS

ALTERNATOR STATOR FOR 1999 THRU 2001 TOURING

This Single Phase 45 Amp alternator stator is made by Standard Motor Products. Stock replacement for all 1999 thru 2001 Touring models.

743460 45 Amp alternator stator (OEM 29987-99)



ACCEL

STANDARD MOTORCYCLE PRODUCTS

STOCK REPLACEMENT ALTERNATOR STATOR

45 Amp. single phase alternator stator. Fits 2002 thru 2005 FLH and FLT series models (OEM 29987-02).

743458 Made by Standard Motor Products

751324 Made by Accel



STANDARD **ACCEL**

STOCK REPLACEMENT ALTERNATOR ROTOR FOR BIG TWINS

Alternator rotor as used on 1995 thru 2001 FLH and FLT, 2001 thru 2006 Softail, and 2004 thru 2005 Dyna. Can also be used as replacement in 38 Amp charging systems (OEM 29981-95).

743453 Stock style, made by Standard Motor Products

751326 Heavy-Duty version with stainless steel enclosed magnets, made by Accel

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ACCEL LIFETIME WARRANTY STATORS

Accel's USA made, "Life-Time Warranty" stators are the best money can buy. They are available in nine models which cover all models Harley-Davidson Big Twin and Sportster from 1970 to present, Original Equipped with alternator style charging system. Due to the high quality of these stators, they are backed by Accel's "Lifetime Replacement Warranty".

Note: In order to receive the "Lifetime Replacement Warranty", the stator must be installed and tested by a qualified mechanic/workshop.

For Sportster models

235080 Molded stator, fits late 1984 thru 1990 models, plug style E (OEM 29967-84)

235079 Unmolded stator, fits late 1984 thru 1990 models, plug style E (OEM 29967-84A)

235082 Unmolded stator, fits 1991 thru 2006 models, plug style E (OEM 29967-89A)

For Big-Twin models

235075 Unmolded stator, fits 1970 thru 1975 models, plug style C (OEM 29965-70A)

235076 Molded stator, fits 1976 thru 1980 models, plug style A (OEM 29965-75)

235077 Molded stator, fits 1981 thru 1988 models, plug style B (OEM 29965-81)

235078 Unmolded stator, fits 1981 thru 1988 models, plug style B (OEM 29965-81A)

235081 Unmolded stator, fits 1989-1998 models as well as earlier models equipped with 32 Amp alternator kit, plug style D with thick pin (OEM 29970-88)

731527 Unmolded stator, fits 1997 thru 2001 FLH & FLT series models, plug style M (OEM 29987-97)

747046 Unmolded stator, fits 1999 thru 2001 FLT & FLHR, plug style L (OEM 29987-06)

751324 Unmolded stator, fits 2002 thru 2005 FLH & FLT series models, plug style V (OEM 29987-02)

751325 Unmolded stator, fits 2006 to present FLH & FLT series models, plug style U (OEM 29987-06)

237315 Unmolded stator, fits 2000 Softail and 1999 thru 2003 Dyna, plug style L (OEM 29951-99)

751322 Unmolded stator, fits 2001 thru 2006 Softail and 2004 thru 2006 Dyna, plug style W (OEM 30017-01)

751323 Unmolded stator, fits 2007 Softail and 2007 Dyna, plug style W (OEM 30017-07)

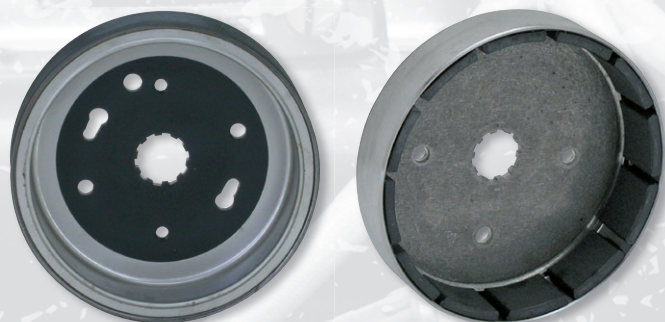


40 AMP. LECTRIC STATORS

When you want to have more lights or electronics Accel has the answer. Now you can upgrade from 32 Amp. to a 40 Amp. Accel Llectric Stators are made in the USA from the highest quality components using the latest state-of-the-art manufacturing techniques. Llectric stators meet or exceed OEM specifications. Each unit is inspected and tested prior to shipping to ensure consistency of quality and performance. Available as an upgrade version for Evolution Big-Twin models. Must be used in conjunction with Twin Cam type regulator, such as ZPN743245 (OEM 74518-99A).

Note: Always check clearance of alternator wires when replacing stator and/or rotor
731527 Fits 1989 thru 1999 Evolution Big-Twin (must be used with Twin-Cam type regulator)

743245 Rectifier/regulator for 40 Amp stator



45 AMP ALTERNATOR ROTOR FOR ELECTRA GLIDE MODELS

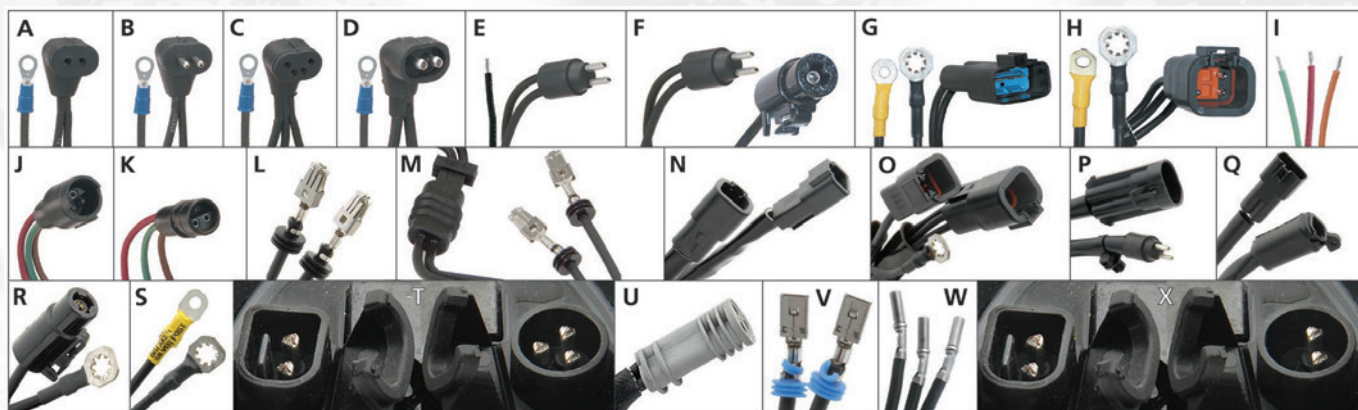
This alternator rotor is standard equipment on Electra Glide Police models, and increases the output of the OEM charging system on 1999 thru 2006 FLHT models from 32 Amp to an impressive 45 Amp, allowing you to install more electronics and more lights. Works with the stock or stock type alternator stator and regulator (OEM 29999-97B).

743454 Made by Standard Motor Products

ALTERNATOR ROTOR FOR 2006 TOURING

Exactly made to The Factory's specifications. Fits 2006 FLH and FLT series models. Can also be used in 1999 thru 2005 models when used together with ZPN750802 3-phase stator and matching rectifier/regulator ZPN743266 to upgrade these models to a 45 Amp. system.

701492 Genuine rotor (OEM 29943-06)





ALTERNATOR ROTOR KIT

Alternator rotor kit containing the rotor assembly and spacer washers (OEM's 29960-85 & 29961-85). Fits Big Twin models from 1981 thru 1990. Can be used in conjunction with spacer washer ZPN237282 on 1991 thru 1998 Dyna and Touring, as well as 1991 thru 1999 Softail.

237283 Alternator rotor kit, Japanese import (OEM 29957-81B)

700733 Alternator rotor kit, made by Compu-Fire (OEM 29957-81B)

743452 Alternator rotor kit, made by Standard Motor Products (OEM 29957-81B)

237282 Spacer washer for 1991 thru 1999 models (OEM 29960-91)



BILLET ALTERNATOR PLUG RETAINERS

These billet aluminum alternator plug retainers replace that stock plastic part. Come complete with chrome Allen head bolt and chrome Allen head plug. Available for 1970 thru 1988 Big Twin, as well as for 1989 thru 1999 Big twin and 1999 to present Twin Cam.

151151 Fits 1970 thru 1988 Big Twin models

151152 Fits 1989 thru 1999 Big Twin and 1999-2017 Twin Cam models



STATOR INSTALLATION KIT

This stator installation kit contains all the small and sometimes hard-to-find parts such as alternator plug retainer (OEM 29954-71A), stator locking plates (OEM 29988-73) and mounting screws. Fits all Big Twins 1970 thru 1999 except Twin Cam.

Note: Always check clearance of alternator wires when replacing stator and/or rotor

150049 Stator installation kit



ALTERNATOR ROTORS FOR 6 SPEED TWIN CAM

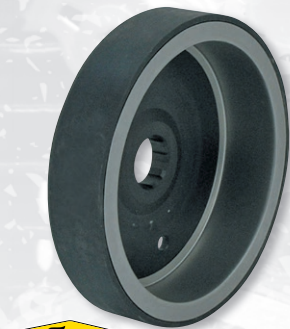
Exactly made to The Factory's specifications. Works with stock as well as most aftermarket stators.

Fits 2007 thru 2011 Dyna, 2007 thru 2010 Touring and 2007 thru 2011 Softail, except 2008 thru 2011 Rocker and Rocker C. Does not fit models that are equipped with the Screamin' Eagle compensator sprocket or have been updated to the newer OEM compensator sprocket.

740579 Alternator rotor with compensator spring cup (OEM 40356-07)

Fits 2008 thru 2011 FXCW & FXCWC Rocker, 2012 thru 2017 Dyna, 2012 thru 2017 Softail and 2011 thru 2016 Touring & Trike. Also fits earlier models equipped with the Screamin' Eagle compensator sprocket or have been updated to the newer OEM compensator sprocket.

737007 Alternator rotor (OEM 30041-08A)



ACCCEL'S LECTRIC ALTERNATOR ROTOR
Stator rotor for 1991 thru 1999 Softail and 1991 thru 1998 Dyna models. Also works for all charging systems up to 32 amps. This LECTRIC rotor features magnets that are enclosed by stainless steel to protect against dislodging. A super thick housing and splines eliminate the possibility of cracking.

Note: Always check clearance of alternator wires when replacing stator and/or rotor. No warranty on cut of or short circuit alternator wiring.

731447 Fits 1990-1999 Softail & 1993-1998 Dyna (OEM 29957-81B)



STARTER MOTOR ASSEMBLIES

Super rugged reproduction of the original starter motors as used on all electric start Harley models from 1973 thru 1988. All components are interchangeable with OEM starter motors. The short Hitachi type starter motors are used on 1982 thru 1988 models. From 1973 thru 1982 the FL models were equipped with Prestolite type starter motors and FX models with Hitachi type ones.

Note: Hitachi and Prestolite starter motors nor replacement parts are interchangeable, always check the type of starter motor used on your Harley before ordering.

Hitachi starters are 80mm in diameter and have a 145mm housing length. Prestolite starters are 70mm in diameter and have a 173mm housing length.

Complete starter motor Hitachi type (short model)

151308 Starter motor assembly, chrome (OEM 31559-89T)

151309 Starter motor assembly, black (OEM 31570-73)

Replacement parts for Hitachi starters

151321 Brush kit (set of 4) (OEM 31582-73 & 31575-73)

151314 Brush holder assembly with 4 brushes (OEM 31581-73)

151322 Thru-bolt kit (OEM 31576-73)



ELECTRIC STARTER FOR WL MODELS

A great update for those who are tired of kicking their good old 750 Side Valve alive. A distinct and ready to bolt-on starter motor. O.K., you must have converted the bike to 12 Volts already, but if you haven't done that yet, now is the time. Kit is designed for all 1941 and later WL models and includes a 12 volt starter motor with gear, billet transmission top cover with starter motor mount, clutch hub with starter ring gear, battery box for a battery that goes in the OEM location, starter relay, push button switch and required wiring. Installation requires small modification of inner and outer primary housing, as well as a conversion to primary belt drive.

780080 Electric start kit WL41-UP (needs 12V)

781153 12 Volt Alternator kit chrome alternator and black finned regulator/rectifier

781154 12 Volt Alternator kit black alternator and black finned regulator/rectifier

738862 Dynavolt GHD14HL-BS 12 Volt battery, 14AH, 315CA, 252CCA

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YORK ELECTRIC START KIT FOR KNUCKLEHEAD & PANHEAD

Conversion kits to update kick starter-only Knucklehead and Panhead bikes to electric start. Kits come with replacement inner clutch hub, primary chain and starter assembly. Installation requires cutting of rear fender and outer primary. A 12 Volt charging system, 12V battery, 12V regulator, 12V ignition coil and 12V lighting is required but not included.

789421 12-volt electric start kit, fits Big Twin 1941-1953 with tapered motor shaft

789420 12-volt electric start kit, fits Big Twin 1954-1957 with splined motor shaft

NEW



NEW

HITACHI STYLE STARTER MOTORS

Reproduction of the genuine Hitachi starter motor as found on 1974-early 1976 Sportster, late 1982-1984 FL, 1974-1988 FX, 1984-1988 FLT and late 1983-1988 FXR. This type of starter motor is commonly referred to as "short type". These reproductions are completely made in Canada, built from all new parts to high standards. They all have been thoroughly checked and passed Quality Control.

743210 Chrome (OEM 31559-89T)



743798 Black (OEM 31570-73)



PRESTOLITE STYLE STARTER MOTORS

Reproduction of the genuine Prestolite starter motor as found on 1976-1980 Sportster, late 1966-1982 FL, 1980-1983 FLT and 1982-early 1983 FXR. This type of starter motor is commonly referred to as "long type". These reproductions are completely made in Canada and built from all new parts to high standards. They all have been thoroughly checked and passed Quality Control.

743212 Black (OEM 31458-66A, 31458-66TA)

743211 Chrome (OEM 31463-88T)

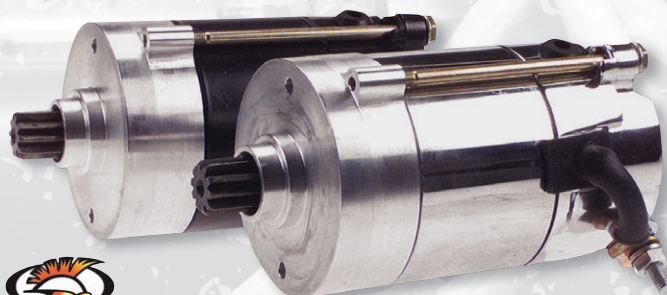
Replacement parts

151302 Armature (OEM 31542-66T)

151303 Brush kit (31541-66T)

151305 Brush spring kit (OEM 31564-66)

151306 Thru-bolt kit (OEM 31535-66)



"ALL BALLS" STARTER MOTOR ASSEMBLIES FOR SHOVELHEAD

"All Balls" starter motors are more than a reproduction of the original starter motors as used on all electric start Harley models from 1966 thru 1988. They are completely re-designed and made in Canada from new parts and give a full 1.4 kW starting power. The long Prestolite type starter motors are used on all electric start models thru 1973, as well as thru 1982 FL models. The short Hitachi type starter motors are used on 1973 thru 1982 FX models and all models from 1982 thru 1988.

Prestolite type (long model)

741205 Starter motor assembly, black (OEM 31463-88T)

741206 Starter motor assembly, chrome (OEM 31458-66TA)

Hitachi type (short model)

741204 Starter motor assembly, chrome (OEM 31559-89T)

741203 Starter motor assembly, black (OEM 31570-73)



STARTER CLUTCH FOR BIG TWIN 1989 THRU 1990

Fits 1989 thru 1990 Touring, Softail and FXR models.

743746 All Balls Racing direct replacement starter clutch (OEM 31544-90)

**STARTER DRIVE GEAR**

Extra strong "5 ramp" starter drive gears fit all Big Twin models 1965 thru 1988, and electric start Sportster models 1967 thru 1980 (OEM 31443-65A).

743286 EcoLine budget version

700556 Made by Standard Motor Products

231919 Made by Accel

**RUBBER SOLENOID INNER BOOT**

Rubber solenoid inner boot for all 1965 thru 1988 Big Twins and 1967 thru 1980 Sportster models. Sold each (OEM 31441-65A).

358081 Rubber solenoid inner boot

**DAYTONA OUTER PRIMARY STARTER SHAFT THRUST WASHERS**

Bronze starter shaft thrust washers. Fits 1965 thru 1988 Big Twin and 1967 thru 1980 Sportster. Sold in sets (OEM 31502-65).

233584 Outer primary starter shaft thrust washers

**2 YEARS WARRANTY****STARTER MOTOR HOUSINGS**

Duplicate of the original starter motor housing. Needle bearing not included.

Note: Hitachi and Prestolite type starter motors are not interchangeable, always check the type of starter motor used on your bike before ordering

292045 Fits 4 Speed Big-Twin models with Prestolite starter motor from 1965 thru early 1979 (OEM 31465-65)

292047 Fits 4 Speed Big-Twins with Hitachi starter motor from 1973 thru early 1979 (OEM 31572-73)

231836 Needle bearing (OEM 9062)

**2 YEARS WARRANTY****GENUINE ZODIAC STARTER SHAFT**

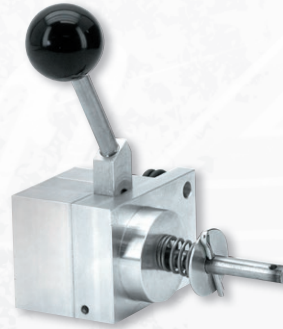
292053 Starter shaft, fits 1965-1969 FL & FLH models (OEM 31482-65)

292049 Starter shaft, fits FL chain driven models 1970-1982, FL belt driven models 1979-1981, FX 4 Speed chain driven models 1971-1984 and FXWG 1980-1983 (OEM 31482-70)

**OIL DEFLECTOR PLATE**

Fits FL models 1965-1982, FXWG models 1980 thru 1983, FX chain drive models 1971-1985 and FXST models from 1984 thru 1985 (OEM 60516-65A).

290267 Oil deflector plate

**2 YEARS WARRANTY****PRIMARY MOUNTED "PULL START" SYSTEM**

The starting system on the 4 Speed electric start models from 1965-1988, with separate starter solenoid, is far from being "bullet-proof". In fact this starting system can be a pain in the butt. No longer, this hand operated and very efficient system will always work. This starting system mounts in the place of the starter solenoid. From now on you just get on your bike, pull the lever and go. Fits FL/FX 1965-1984, FXWG and FXST 1980-1988. Must be installed using a Bosch style relay, such as ZPN231918 or 700579. Relay must be ordered separately. The "Pull-Start" system is available in polished, black or chrome.

370252 Polished

370253 Chrome

370254 Black

**STARTER SHAFT SHIFTER COLLARS**

Replacement shifter collars that meet or exceed OEM specifications.

Fits:

1965 thru 1969 FX and FLH 4 Speed models, 1982 thru 1984 FLH Classic models, 1980 thru 1984 FXB and FXSB 4 Speed chain drive models, 1980 thru 1988 FLT models, 1982 thru 1988 FXR models, 1986 thru 1988 FXST models and 1967 thru 1980 XLH models.

292113 Shifter collar (OEM 31503-65)

Fits 1970 thru 1982 FX and FLH models, 1979 thru 1981 Classic models, and 1984 thru 1985 FXST models.

292111 Shifter collar (OEM 31503-70)

**NEW****2 YEARS WARRANTY****STAINLESS STEEL ALTERNATOR PLUG RETAINER**

Secures the alternator connectors in the crankcase for a trouble free connection. Fits 1970-1984 FL, FLH and FLT, 1971-1984 FX models, 1982-1988 FXR and 1984-1988 Softail.

789382 Stainless steel alternator plug retainer (OEM 45095-85)

291143 10-Pack stainless steel alternator plug retainer (OEM 45095-85)

**NEW****STARTER HOUSING & INNER PRIMARY SAVER**

Easy to install reinforced nylon prevents the starter housing and inner primary cover from damage by the drive chain. Fits 1965-1984 FL & FLH and 1971-1984 FX models.

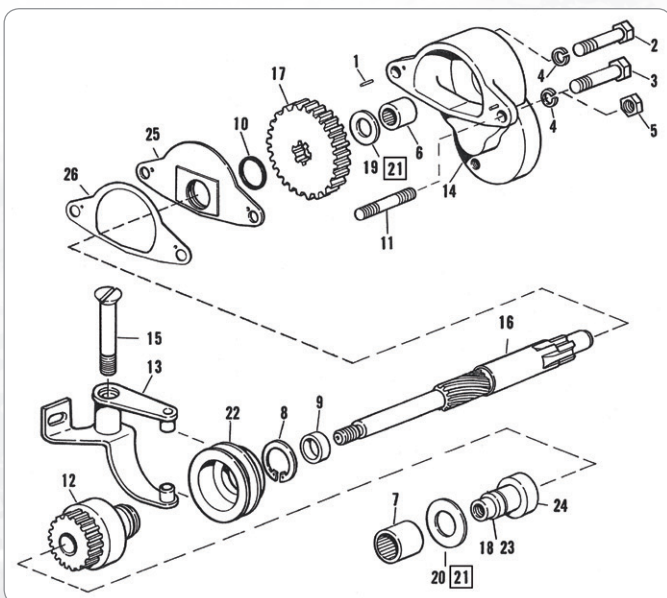
789321 Inner primary & starter housing saver

**STARTER MOTOR BRACKET**

Starter motor bracket, fits FL models late 1966 thru 1982 (OEM 31476-66).

032541 Starter motor bracket

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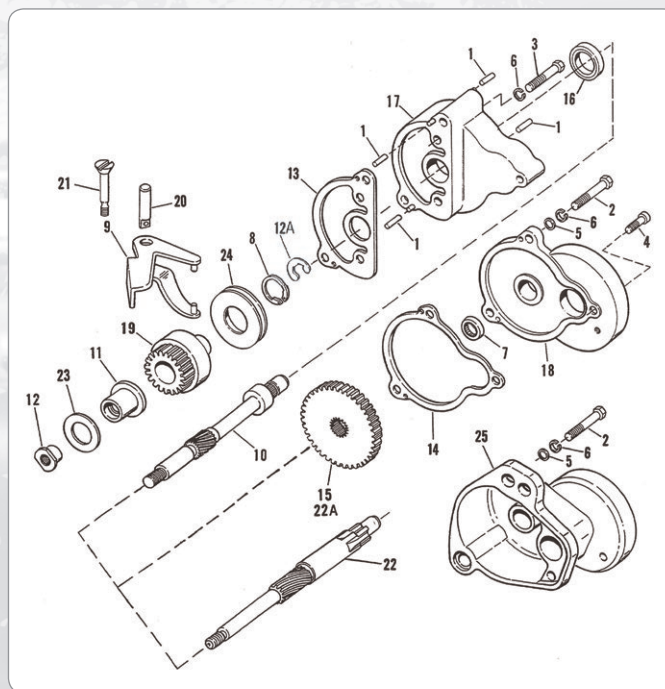


STARTER HOUSING PARTS FOR CHAIN DRIVEN FL & FX

Unless differently indicated all parts fit with the Delco-Remy, Prestolite or Hitachi style starter motor. Please note that the housings for Delco-Remy and Prestolite starters are 1/4" UNC threaded on a 2 1/4" center to center. The housing for Hitachi style starter motors is #10 UNC threaded on a 2 3/8" center to center.

Pos.	ZPN	Description	Year fitment	OEM
1.	-	Roll pin	334A	
2.	742054	Bolt, 1/4-20x1" hex head, 10-pack	2551W	
3.	742057	Bolt, 1/4-20x1 1/2" hex head, 10-pack	2872W	
4.	743951	Lockwasher, 1/4", 50-pack	7036	
5.	-	Nut, 1/4-28x3/16x7/16" hex (2)	7676	
6.	231836	Needle bearing, starter shaft housing	9062	
7.	231460	Needle bearing, chain housing cover	9063	
8.	789301	Retaining ring, V-Twin Mfg., 10-pack	11039	
9.	789379	Spacer, V-Twin Mfg.	11041	
9.	789310	Spacer, V-Twin Mfg., 5-pack	11041	
10.	022365	O-ring, Genuine Zodiac, 10-pack	11101	
10.	789311	O-ring, V-Twin Mfg., 10-pack	11101	
11.	789367	Stud (2), V-Twin Mfg., each	24811-59A	
11.	789312	Stud (2), V-Twin Mfg., 5-pack	24811-59A	
12.	231919	Starter drive gear unit, Accel	31443-65A	
12.	700556	Starter drive gear unit, Standard Motor Products	31443-65A	
12.	743286	Starter drive gear unit, Wai Global	31443-65A	
13.	051229	Shift lever, Genuine Zodiac	all except late 1985 FXEF & FXST	31445-65A
13.	-	Shift lever	late 1985 FXEF & late 1985-1988 FXST & FLST	31445-85
14.	292045	Housing only for Delco-Remy or Prestolite starter, polished, Genuine Zodiac	1965-early 1979	31465-65
14.	789314	Housing with bearing for Prestolite starter, raw cast, V-Twin Mfg.	FLH late 1979-1982	31465-79
14.	292047	Housing only for Hitachi starter, polished, Genuine Zodiac	1973-early 1979	31572-73
14.	789313	Housing with bearing for Hitachi starter, raw cast, V-Twin Mfg.	late 1979-1984	31572-79
15.	742441	Pivot bolt wit O-ring, Genuine James	31478-65A	
15.	789315	Pivot bolt, chrome, V-Twin Mfg.	31478-65A	
16.	292053	Starter shaft, Genuine Zodiac	1965-1969	31482-65
16.	736994	Starter shaft, V-Twin Mfg.	1965-1969	31482-65
16.	292049	Starter shaft, Genuine Zodiac	1970-1988	31482-70
17.	789316	Gear, V-Twin Mfg.	31485-65	
18.	789317	Nut, left hand thread, V-Twin Mfg.	31493-67	
19.	789318	Thrust washer, V-Twin Mfg., 5-pack	31501-65	
20.	789368	Thrust washer, V-Twin Mfg., 5-pack	31502-65	
21.	233584	Thrust washer set, Daytona Japan	31501-65 + 31502-65	

Pos.	ZPN	Description	Year fitment	OEM
22.	292113	Shifter collar, Eastern USA	1965-1969	31503-65
22.	292111	Shifter collar, Genuine Zodiac	1970-1985	31503-70
23.	789319	Nut, left hand thread, V-Twin Mfg.	31530-65	
24.	789320	Spacer, V-Twin Mfg.	31531-69	
25.	290267	Oil deflector plate, Genuine Zodiac	60516-65A	
26.	700370	Gasket, Athena, 10-pack	1980-1985	60559-80
26.	740371	Gasket, Genuine James, 10-pack	1980-1985	60559-80

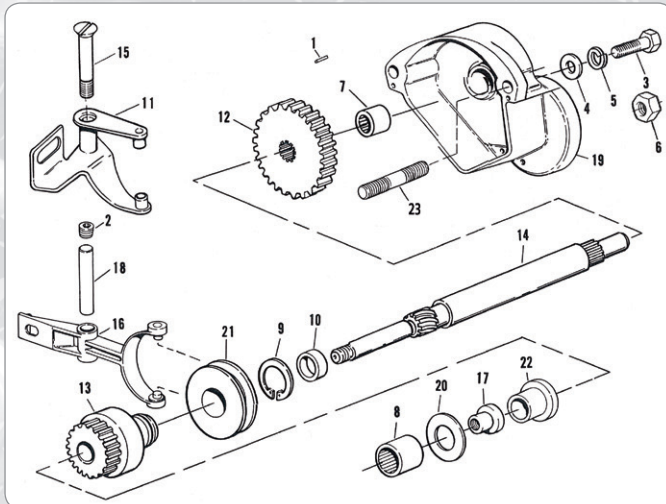


STARTER HOUSING PARTS FOR BELT DRIVEN FLH & FX

Unless differently indicated all parts fit 1982-1986 FLH, 1980-1986 FXB & FXSB, 1985-1986 FXWG and 1986 FXST Softail originally equipped with final belt drive.

Pos.	ZPN	Description	OEM
1.	-	Roll pin	334A
2.	-	Screw, 1/4-20x1", socket head	2825W
2.	-	Bolt	2887W
2.	742064	Bolt, 1/4-20x2 1/2" hex head, 10-pack	3768
3.	742055	Bolt, 1/4-20x1 1/4" hex head, 10-pack	3993
4.	-	Screw, 1/4-20 x 1-1/4", socket head	4741
5.	236070	Washer	6016
5.	-	Washer, 1/4x5/18x1/16	6703
6.	743951	Lockwasher, 1/4", Genuine Zodiac, 50-pack	7036
6.	743952	Lockwasher, 5/16", Genuine Zodiac, 50-pack	7041
7.	231836	Needle bearing	9062
8.	789301	Retaining ring, V-Twin Mfg., 10-pack	11039
9.	789302	Shifter lever kit, V-Twin Mfg.	31300-80A
9.	781120	Shifter lever, V-Twin Mfg.	31300-84
10.	789303	Starter shaft, V-Twin Mfg.	31310-80A
11.	789304	Spacer, V-Twin Mfg.	31311-80
12.	789305	Nut, V-Twin Mfg.	31312-80
12A.	789306	Retaining ring, V-Twin Mfg, 10-pack	31313-80
13.	700486	Gasket, Athena, 10-pack	31320-80

Pos.	ZPN	Description	OEM
14.	700485	Gasket, Athena, 10-pack	31321-80
14.	740380	Gasket, Genuine James, 10-pack	31321-80
15.	789307	Gear, V-Twin Mfg.	31340-80
16.	234510	Oil seal, Genuine James, 5-pack	31341-80
17.	789308	Starter shaft housing, V-Twin Mfg.	31387-80
18.	789309	Starter cover, V-Twin Mfg.	31397-80 all except Softail
19.	231919	Starter drive gear unit, Accel	31443-65A
19.	700556	Starter drive gear unit, Standard Motor Products	31443-65A
19.	743286	Starter drive gear unit, Wai Global	31443-65A
20.	789452	Pivot shaft, Eastern USA	31473-86 1986 Softail
20.	789369	Pivot shaft, Eastern USA, 5-pack	31473-86 1986 Softail
21.	742441	Pivot bolt wit O-ring, Genuine James	31478-65A all except Softail
21.	789315	Pivot bolt, chrome, V-Twin Mfg.	31478-65A all except Softail
22.	789370	Starter shaft, V-Twin Mfg.	31482-86 1986 Softail
22A.	789316	Gear, V-Twin Mfg.	31485-65 1986 Softail
23.	789368	Thrust washer, V-Twin Mfg., 5-pack	31502-65 1986 Softail
24.	292113	Shifter collar, Eastern USA	31503-65
25.	789371	Starter cover, Eastern USA	31572-86 1986 Softail



STARTER HOUSING PARTS FOR 1980-1988 FLT, FXR & SOFTAIL

Unless differently indicated all parts fit 1980-1988 FLT, FLTC, FLHTC & FLHTP (indicated as FLT), 1982-1988 FXLR, FXR, FXRC, FXRP, FXRS & FXRT (indicated as FXR), and 1987-1988 FLSTC, FLSTF, FXST FXSTC and FXSTS Softail (indicated as Softail).

Pos.	ZPN	Description	Application	OEM
1.	-	Pin	1980-1983 FLT 328 & FXR	
2.	-	Plug	1980-1985 FLT, 721 1982-1988 FXR	
2.	-	Plug	1987-1988 Softail	727
3.	742107	Bolt, 5/16-18x1 1/2" hex, 10-pack	1982-late 1984	2818 FLT & FXR
3.	742109	Bolt, 5/16-18x1 3/4" hex, 10-pack	1987-1988 FLT, 2887W	
3.	742605	Screw, 5/16-18x1 1/4" socket head, 10-pack	1987-1988 FXR	3485
4.	236070	Washer, 11/32x11/16x1/16	late 1984-1988	6016
4.	-	Washer, 5/16x11/16x1/16	1982-1983 FLT	6702
4.	-	Washer, 1/4x5/8x1/16	1980-1981 FLT	6703

Pos.	ZPN	Description	Application	OEM
5.	743952	Lockwasher, 5/16", 50-pack	1988 FLT, 7041	
6.	-	Nut, 1/4-28x7/32x7/16 hex	1987-1988 FXR & Softail	
7.	231836	Needle bearing, starter shaft housing	1980-1981 FLT	7676
8.	231460	Needle bearing, chain housing cover	All	9062
9.	789301	Retaining ring, V-Twin Mfg., 10-pack	All	9063
10.	789310	Spacer, V-Twin Mfg., 5-pack	All	11039
11.	781120	Shift lever, V-Twin Mfg.	1980-late 1984	11041
12.	789307	Gear, V-Twin Mfg.	FLT & FXR Softail	31300-84
12.	789316	Gear, V-Twin Mfg.	1985-1988 FLT, 31340-80	
13.	231919	Starter drive gear unit, Accel	1987-1988 FXR & Softail	
13.	700556	Starter drive gear unit, Standard Motor Products	1980-late 1984	31485-65 FLT & FXR
13.	743286	Starter drive gear unit, Wai Global	All	31443-65A
14.	789376	Starter shaft, V-Twin Mfg.	All	31443-65A
14.	789377	Starter shaft, V-Twin Mfg.	1980-early 1984	31443-65A
14.	789370	Starter shaft, V-Twin Mfg.	late 1985-1988	3120-79 FLT & FXR
15.	742441	Pivot bolt with O-ring, Genuine James	1987-1988 Softail	31482-86
15.	789315	Pivot bolt, chrome, V-Twin Mfg.	1987-1988 Softail	31478-65A
16.	781130	Shift lever, V-Twin Mfg.	1987-1988 FLT & FXR	31491-79
17.	789317	Nut, V-Twin Mfg.	FLT & FXR	31493-67
18.	789372	Pivot pin	FLT & FXR	31495-79
19.	789373	Housing, raw cast finish, V-Twin Mfg.	1980-early 1983 FLT, 1982-1984 FXR	31497-79
19.	-	Housing, black wrinkle	1980-early 1983 FLT, 1982-1984 FXR	
19.	789374	Housing, raw cast finish, V-Twin Mfg.	1981-early 1983 FLT, 1982-1983 FXR	31532-81
19.	789375	Housing, raw cast finish, V-Twin Mfg.	late 1983-1985	31497-81
19.	789371	Housing, raw cast finish, V-Twin Mfg.	1986-1988	31497-81
20.	789368	Thrust washer, V-Twin Mfg., 5-pack	1986-1988	31572-86
21.	292113	Shifter collar, Eastern USA	All	31502-65
22.	789378	Spacer	All	31503-65
23.	-	Stud	1980-1988 FLT	33121-79 & FXR
23.	-	Stud	1980-1981 FLT	60603-79

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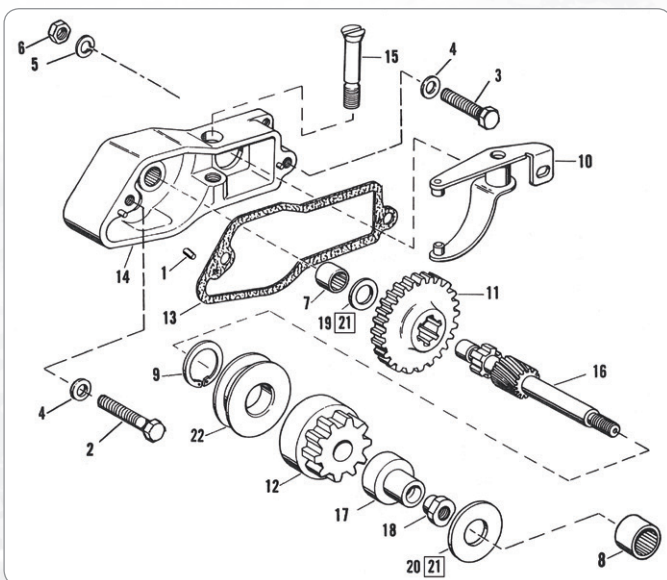
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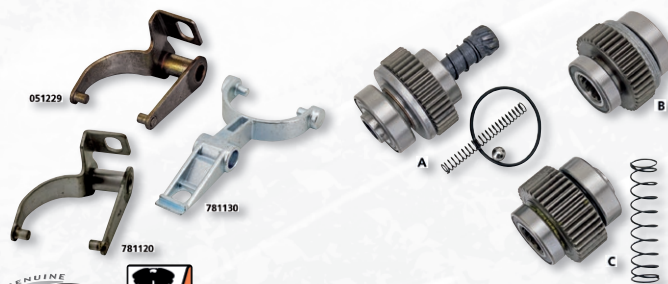
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STARTER HOUSING PARTS FOR 1967-1980 SPORTSTER

Unless differently indicated all parts fit with the Delco-Remy, Prestolite or Hitachi style starter motor. Please note that the housings for Delco-Remy and Prestolite starters are 1/4" UNC threaded on a 2 1/4" center to center. The housing for Hitachi style starter motors is #10 UNC threaded on a 2 3/8" center to center.

Pos.	ZPN	Description	Application OEM
1.	789300	Pin, 25-pack	1967-1980 334A
2.	742105	Bolt, 5/16-18x1 1/4" hex head, zinc, 10-pack	1967-1980 2871W
3.	742104	Bolt, 5/16-18x1" hex head, zinc, 10-pack	1967-1980 4017
4.	743902	Washer, 5/16x5/8x1/16, zinc, 50-pack	1967-1980 6316HW
5.	743952	Lockwasher, 5/16", zinc, 50-pack	1967-1980 7041
5.	782455	Lockwasher, 5/16", internal tooth, zinc, 100-pack	1967-1980 7127
6.	743984	Nut, 5/16-18x1/4x1/2 hex, zinc, 50-pack	1967-1980 7748W
7.	231836	Needle bearing, starter housing	1967-1980 9062
8.	231460	Needle bearing, primary cover	1967-1980 9063
9.	789301	Retaining ring, V-Twin Mfg., 10-pack	1967-1980 11039
10.	736999	Shift lever, Eastern USA	1967-1980 31424-67
11.	736998	Gear, Eastern USA	1967-1980 31429-67
12.	231919	Starter drive gear unit, Accel	1967-1980 31443-65A
12.	700556	Starter drive gear unit, Standard Motor Products	1967-1980 31443-65A
12.	743286	Starter drive gear unit, Wai Global	1967-1980 31443-65A
13.	700254	Gasket, Athena, 10-pack	1967-1980 31471-67A
13.	237024	Gasket, Genuine James, 10-pack	1967-1980 31461-70
14.	736995	Housing for Prestolite starter, raw cast	1967-1980 31462-67, 31502-79, 31504-79
14.	736996	Housing for Hitachi starter	1974-1980 31462-74
15.	742441	Pivot bolt with O-ring, Genuine James	1967-1980 31478-67
15.	789315	Pivot bolt, chrome, V-Twin Mfg.	1967-1980 31478-67
16.	736997	Starter shaft, Eastern USA	1967-1980 31483-67
17.	789380	Spacer, V-Twin Mfg.	1967-1980 31490-67
18.	789317	Nut, V-Twin Mfg.	1967-1980 31493-67
19.	789318	Thrust washer, V-Twin Mfg., 5-pack	1967-1980 31501-65
20.	789368	Thrust washer, V-Twin Mfg., 5-pack	1967-1980 31502-65
21.	233584	Thrust washer set, Daytona Global	1967-1980 31501-65 + 31502-65
22.	292113	Shifter collar	1967-1980 31503-65



STARTER GEAR LEVER

Perfect reproduction of the Original Equipment parts. Available for most 1965 thru 1988 electric start models.

051229 Fits Big Twin 1965-1986 with final chain drive and Sportster 1967-1980, Genuine Zodiac (OEM 31445-65A)

781130 Fits 1984 thru 1988 FLT & 1984 thru 1988 FXR, V-Twin Mfg. (OEM 31491-79)

781120 Fits 1985 thru 1986 FXWG & FXSB, 1986 thru 1988 FXST, V-Twin Mfg. (OEM 31300-84)



STARTER CLUTCH BIG TWIN 1991 THRU 2006

Replacement starter clutches. Available as "Genuine" stock replacement, or economically priced made by Standard Motor Products. Both meet or exceed the OEM specifications. Contrary to the Standard Motor Products starter clutch the "Genuine" starter clutch comes complete with output shaft and spring. Fit all Big Twin 1991 thru 1999, and Twin Cam 1999 thru 2006, except 2006 Dyna (OEM 31663-90 & 31516-94). Also available is the Heavy-Duty starter clutch from All Balls, featuring a wider-than-stock gear and replacement spring.

750114 [A.] "Genuine" starter clutch

700961 [B.] Standard Motor Products starter clutch

743745 [C.] All Balls Heavy-Duty starter clutch



Genuine
James
Baker

PRIMARY CASE PIVOT BOLT

Pivot bolt for the starter gear shift lever. Available for electric start Big Twins 1965 thru 1986 and Sportster 1967 thru 1980.

231395 Primary case pivot bolt, Sportster 1967 thru 1980 (OEM 31478-67)

742441 Primary case pivot bolt with O-ring, Big Twin 1965 thru 1986, James (OEM 31478-65)

REPLACEMENT BEARINGS FOR STARTER CLUTCH

These sealed bearings will fit the starter clutches on 1991 thru 1999 Evolution Big Twins, 1999 thru 2006 Twin Cams (except 2006 Dyna), as well as 1981 to present Sportsters. Use one large bearing and one small for Big Twin models, 1991 to present XL1200 and 1994 to present XL883, or two large bearings for 1981 thru 1990 XL1200 and 1981 thru 1994 XL 883. Also fits our improved starter clutch gear ZPN743221. Sold each.

701807 Large bearing

701808 Small bearing



STARTER CLUTCH FOR SPORTSTER

Friendly priced replacement starter clutch. These high quality starter gears fit 1991 thru 1994 XL 1200 models, all 1994 to present Sportsters and all 1991 to present air cooled Buells.

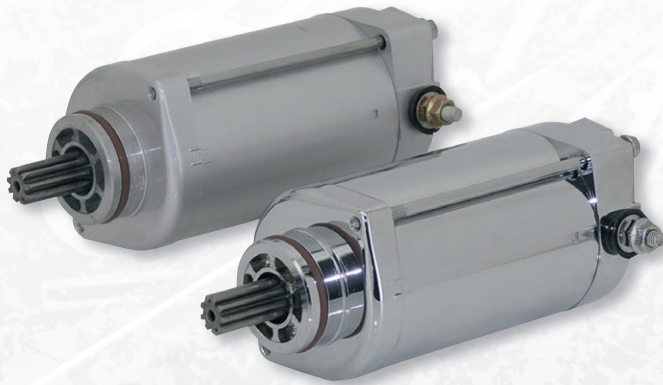
743219 Starter Clutch (OEM 31556-91B)



STARTER CLUTCH FOR SPORTSTER

Friendly priced stock replacement starter clutch. Fits all electric start Sportsters 1981 thru 1994, except 1991 thru 1994 XL 1200 models.

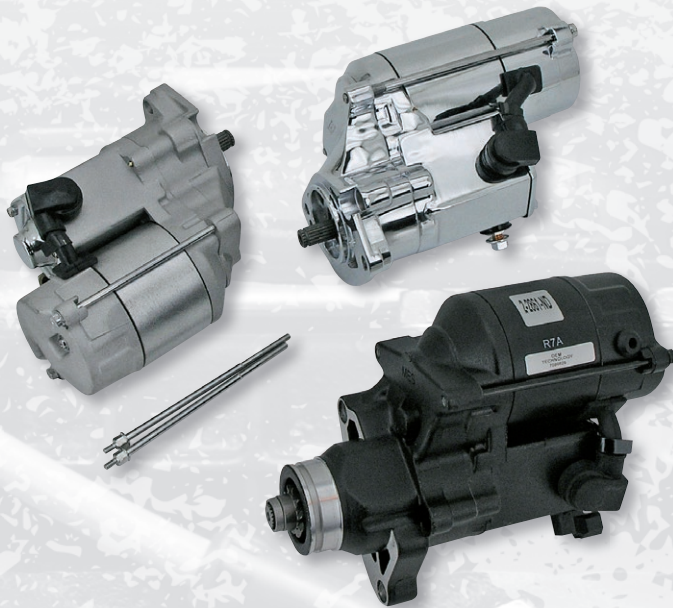
743218 Starter clutch (OEM 31567-81)

**STARTER MOTORS FOR V-ROD**

Stock replacement starter motors for 2002-2017 V-Rod in plain aluminum or chrome. Built entirely from new parts for the price of a refurbished one (OEM 31717-01K).

743282 Plain aluminum

743283 Chrome

**DENSO OSGR HIGH TORQUE STARTER MOTORS**

These stronger than stock Denso OSGR starter motors are completely built from all new parts. They are produced according to high quality standards and have passed Quality Control before leaving the factory. They feature hardened intermediate gears and a Lifetime Warranty on the starter clutch when used with a stock engine. Available for all Big Twin models from 1989 to present in plain finish, black painted or chrome plated in 1.4 kW and 1.8 kW to replace the stock 1.2 kW starter motors. Plain finish starters come with chrome solenoid cover and chrome thru-bolts.

Fits 1981 to present Sportster and air cooled Buells (OEM 31390-86, 31390-91)

743796 Chrome, 1.4kW

743797 Black, 1.4kW

Fits 1989 thru 1993 Evolution Big Twins (OEM 31553-90, 31558-90)

743201 Plain aluminum 1.4kW, 6 3/8" (160mm) long

743200 Black 1.4kW, 6 3/8" (160mm) long

743202 Chrome 1.4kW, 6 3/8" (160mm) long

743203 Plain aluminum 1.8kW, 7 5/8" (194mm) long

Fits 1994 thru 2006 Evolution Big Twin and Twin Cam, except 2006 Dyna (OEM 31335-03, 31553-94, 31558-84, 31559-99)

743206 Plain aluminum 1.4kW, 6 3/8" (160mm) long

743204 Black 1.4kW, 6 3/8" (160mm) long

743205 Chrome 1.4kW, 6 3/8" (160mm) long

743207 Chrome 1.8kW, 7 5/8" (194mm) long

Fits 2006 Dyna and all 2007 thru 2017 Twin Cam Big Twins (OEM 31619-06)

743208 Black 1.4kW, 6 3/8" (160mm) long

743209 Chrome 1.4kW, 6 3/8" (160mm) long

**IMPROVED STARTER CLUTCH GEAR FOR 1991 THRU 2006 BIG TWINS**

Wider than stock, thus stronger starter clutch gear for 1991 thru 1999 Evolution Big Twins and 1999 thru 2006 Twin Cam, except 2006 Dyna's. Fits OEM as well as many 1.2 and 1.4 kW aftermarket starter motors. Replaces starter clutch gear in OEM 31663-90 & 31516-94 starter clutches and takes stock bearings and output shaft. Features Limited Lifetime Warranty.

743221 Improved starter clutch gear

**STARTER CLUTCH FOR 6-SPEED TWIN CAMS**

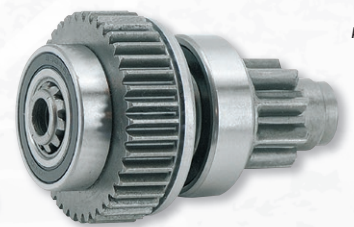
Starter clutch and starter clutch kits for 2006 to present Dyna, 2007 to present Softail and 2007 to present Touring.

239771 Starter clutch kit (OEM 31633-07A);

Includes starter clutch (OEM 31681-07A), jackshaft, springs and pinion gear (OEM 31345-06)



742518 Starter clutch only (OEM 31681-07A)



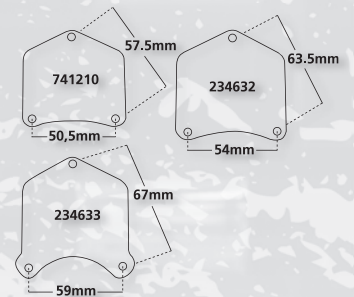
STANDARD
MOTORCYCLE PRODUCTS

STARTER CLUTCH FOR SPORTSTER

Replacement starter clutch, made by Standard Motors Products.

Comes ready to fit with installed bearings. Fits all electric start Sportsters 1981 thru 1994, except 1991 thru 1994 XL 1200 models.

700962 Starter clutch (OEM 31567-81)



SPYKE

PUSHBUTTON STARTER KIT

Bolts straight onto your starter motor. Eliminates the need of the handlebar starter button, handlebar wiring and starter relay. Just push the button to engage your starter. Can also be used as an emergency starter button when your battery is a bit low. CNC machined from solid billet aluminum and has a chrome finish. Comes complete with allen head mounting screws.

741210 Pushbutton starter kit, fits most 1989 to present Big Twin stock style 1.2 and 1.4 kW starter motors

234632 Pushbutton starter kit, fits 1.6 and 1.8 kW starter motors

234633 Pushbutton starter kit, fits 1.0, 2.0 and 2.4 kW starter motors

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HELMETS,
LUGGAGE,
AUDIO & MORE

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SEAT

03
EXHAUST

04
ELECTRIC
& LIGHT

05
ENGINE
ELECTRICS

06
INTAKE

07
ENGINE

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PRIMARY

09
TRANSMISSION

10
FINAL DRIVE

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WHEELS &
TIRE

12
BRAKE

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FOOT
CONTROL

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HANDLEBAR

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FRONT
SUSPENSION

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CHASSIS/
FRAME
& SHOCKS

17
FENDER
& STRUTS

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GAS TANK &
INSTRUMENT

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OIL TANK, FILTER
& LINE

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FASTENERS

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MIRROR

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WINDSHIELD

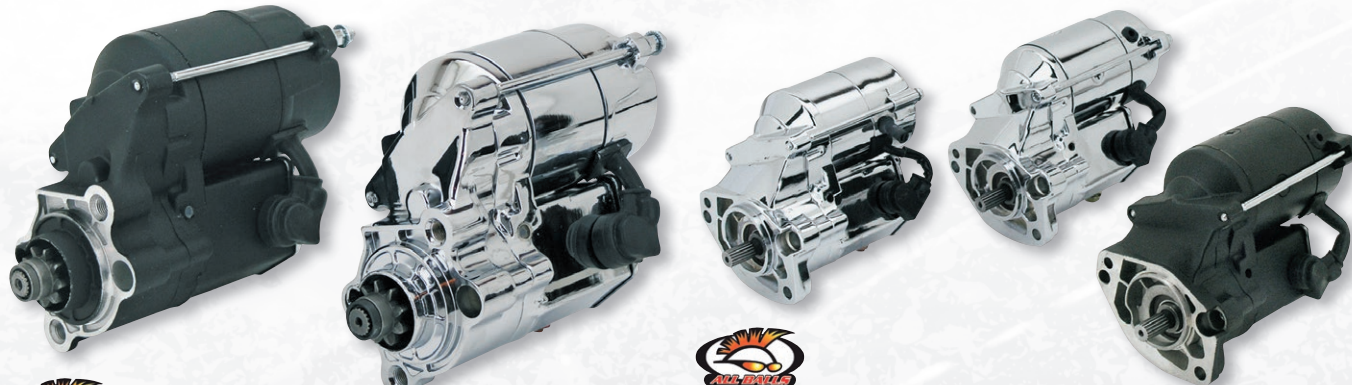
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"ALL BALLS" STARTER MOTORS FOR SPORTSTER

These starter motors are designed for Harley-Davidson Sportster motorcycles and are 100% made in Canada from new parts only. They are very competitively priced and are often lower priced than other companies "rebuilt". Available as a stock replacement 1.4 kW starter in black or chrome/polished for stock and slightly modified motors. "All Balls" starters are supplied complete with their own performance curve and are covered by a limited lifetime warranty. Fits all Sportster models 1981 to present and Buell models with 45 degree V-Twin engine to present.

741344 1.4 kW Black finish

741409 1.4 kW Chrome/Polished finish



"ALL BALLS" STARTER MOTORS

"All Balls" starter motors are designed specifically for Harley-Davidson motorcycles and are 100% made in Canada from new parts only. They are very competitively priced and are often cheaper than other company's rebuilds. The clever design allows the use of these starters on all Big-Twin models from 1989 to present. Available are a stock replacement 1.4 kW starter in black or chrome/polished for stock and slightly modified motors, and a High Performance 1.7 kW version with chrome/polished finish for highly modified engines, Big Bore and Stroker motors. The motor section of the 1.7 kW versions are 1/2" (13mm) longer than stock. Installation of these versions requires the modification of the oil tank filler tube on FLH and FLT models. Also available are 1.4 kW stock replacement starter motors for 2006 Dyna and all 2007 to present Twin Cam models in a chrome or black finish. "All Balls" starters are supplied complete with their own printed performance curve and are covered by a limited lifetime warranty.

Fits Evolution Big Twin 1989 thru 1999 and Twin Cam models from 1999 thru 2006, except 2006 Dyna models (OEM 31552-89A, 31553-90 and 31553-94).

741200 1.4 kW Black finish

741201 1.4 kW Chrome/Polished finish

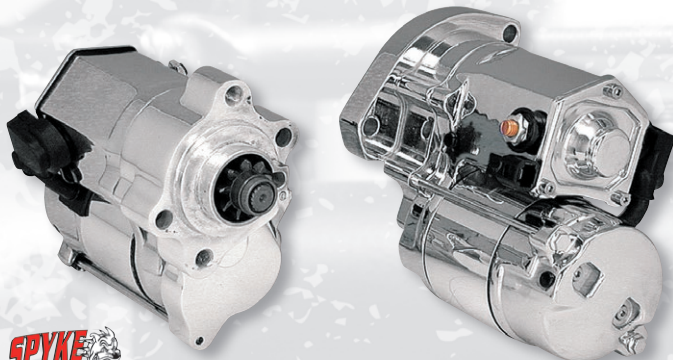
742515 1.7 kW Black finish

742516 1.7 kW Chrome/Polished finish

Fits 2006 Dyna and 2007 thru 2017 Twin Cam

742382 1.4 kW Black finish

742383 1.4 kW Chrome/Polished finish



SPYKE HI-TORQUE STARTER MOTORS

Spyke's Hi-Torque starter motors give high power and are extremely good looking. Starter motors for 1989 to present Big Twins give 46% more cranking torque than stock. Spyke claims that there is no need to buy a bigger battery since they use modern technology and an intelligent gear reduction design. Using this modern technology for 1965 thru 1988 models even resulted in a 200% torque increase over stock. Spyke did their Research & Development on a 16:1 compression bike, and with the Spyke starter the bike was turning like "from stock". These Hi-Torque starter motors are available for most models from 1965 to present in your choice of polished case or chrome plated case, all with high luster polished aluminum parts, chrome steel hardware and stainless steel fasteners.

Fits 1965 thru early 1979 FXE and FLH models

721210 Polished case

721211 Chrome case

Fits final chain drive models: late 1979 thru early 1985 FXE, late 1979 thru 1982 FL and FLH, late 1979 thru 1981 FLH Classic, and 1984 thru 1985 FXST models

721208 Polished case

721209 Chrome case

Fits final belt drive models: 1980 thru 1986 FXWG and FXSB, 1986 FXST, 1982 FLH Classic, and 1983 thru 1985 FLH models

721206 Polished case

721207 Chrome case

Fits 1980 thru 1985 FLT, FLHT and FXR models

721204 Polished case

Fits 1986 thru 1988 FXST, FLST, FXR, FLT and FLHT models

721202 Polished case

721203 Chrome case



SPYKE STEALTH STARTERS

The housing of Spyke Stealth Starters is very stylish in design! Concealed bolts and minimal lines give way to a smooth sleek design like no other starter motor on the market. Features dependable gears and the right gear ratios. These starter motors are available in polished or chrome. All feature 1.4 KW (1.9 HP) configurations for 1989 and later Big Twin and Twin Cam models.

Fits 1989 thru 1993 Evolution Big Twin models

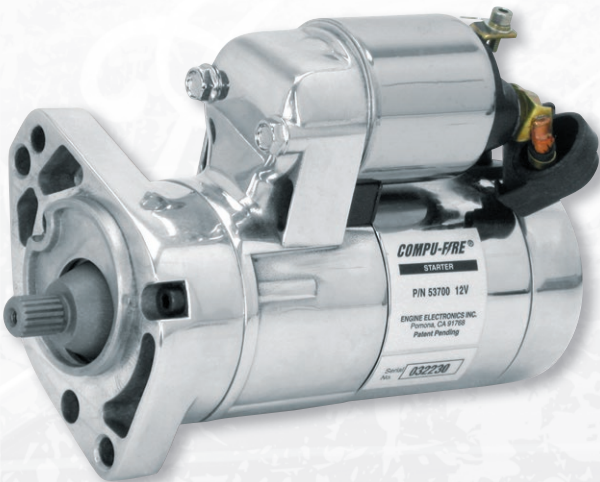
741355 Polished

741357 Chrome

Fits 1993 thru 1999 Evolution Big Twin models, and 1999 thru 2006 Twin Cam models, except 2006 Dyna

741356 Polished

741358 Chrome



COMPU-FIRE "GENERATION III" STARTER MOTOR

For the people who need lots of reliable starting power. Compu-Fire developed "Generation III" starter motors with lots of cranking power that will easily start any motor big or small. The starter motor's extra power is gained by the use of Neodymium Rare Earth permanent Magnets thus this starter motor no longer uses field coils. This reduces the amperage draw from the battery drastically. In combination with the 6:1 gear ratio, it uses only 175 Amps and will start any engine. Another strong point is: there is no need to switch to a larger size battery if a Big Inch motor is used. This smooth polished billet with chrome finish starter is the only one available with true center shaft alignment through the use of 3 planetary gears. The special High Speed version is strongly recommended for pre-2007 Fuel Injected models with stock engine.

700979 Fits Sportster models 1981 to present, 2.0kW

234172 Fits Softail 1989 thru 2006, Touring 1989 thru 2006 and Dyna 1991 thru 2005, 2.0kW

742340 High-Speed version, fits 1989 thru 2006 Fuel Injected models, except 2006 Dyna. Not recommended for carbureted Big Inch engines

742341 Fits 2006 thru 2017 Dyna, 2007 thru 2017 Softail and 2007 thru 2016 Touring models, chrome, 1.6kW

742342 Fits 2006 thru 2017 Dyna, 2007 thru 2017 Softail and 2007 thru 2016 Touring models, black, 1.6kW



PRIMO STARTER MECHANISM

These starter assembly kits are designed for use with Primo's billet motor plates (ZPN237441 & 237409) in combination with the stock or aftermarket starter motors. Can also be used with most other aftermarket motor plates. Kit includes starter shaft bolts (for 1990 thru 1993 and 1994 to present models), pinion gear and spring, thrust washer, lock plate, extension shaft and coupler. Only available for use with 66 tooth ring gear.

237770 Starter mechanism for 1990 thru 1999 Big-Twin and 1999 thru 2006 Twin Cam (except 2006 Dyna) with primary belt drive and 66 tooth starter ring gear



STARTER JACKSHAFT KITS

These complete starter motor jack-shaft assemblies include starter shaft, shaft extension, couplings and all components for complete starter motor installation.

Fits 1989 thru 1993 Big Twin models 9 tooth gear

290542 Zodiac

721194 Spyke

Fits 1994 thru 2006 Big Twin models, except 2006 Dyna, 10 tooth gear

290543 Zodiac

721195 Spyke



STARTER JACKSHAFT HARDWARE

Starter jackshaft bolts and related hardware for 1989 thru 1993 and 1994 thru 2006 Big Twin models.

Fits 1989 thru 1993 Big Twin

236936 Bolt, 1/4-20x5 1/2" (OEM 4325)

741165 25mm Extended starter jackshaft screw 1/4"x20UNC

392000 Thrust washer (OEM 31430-90, also replaces OEM 31430-89)

392001 Lockplate (OEM 33126-90, also replaces OEM 33126-89)

236941 Retaining ring only (OEM 11183)

Fits 1994 thru 1999 Big Twin and 1999 thru 2006 Twin Cam, except 2006 Dyna

236911 Jackshaft bolt, #10-32x5.28" (OEM 4358A)

700875 12mm over stock length

396005 25mm over stock length

700922 45mm over stock length

701128 55mm over stock length

396017 Lock plate and thrust washer kit (OEM 31430-94 & 33126-94)



SOLENOID HOUSING SWITCH

The "Low Down Starter Switch". Initially developed as a tuning tool that bumped the motor around easily instead of spinning the rear wheel to adjust the timing, the Solenoid Housing Switch encompasses many functions. The most popular is the elimination of the starter button and relay. It also functions as a simple back up system to a faulty starter button or a relay short. The solenoid starter switch replaces the solenoid cover on your starter. When the starter shaft is pushed in, the solenoid is manually engaged and the starter turns over.

Fits most 1989 to present Big Twin stock style 1.2 and 1.4 kW starter motors

748727 Chrome

748728 Polished

748729 Black Wrinkle

Fits 1.6 and 1.8 kW starter motors

748730 Chrome

Fits 2.0 and 2.3 kW starter motors

748732 Chrome

Replacement parts

748734 Chrome push button only



CHROME SOLENOID END COVER

This beautiful chrome plated cover slide cover the solenoid end. Fits all 4 Speed models 1965 thru 1984 as well as 1984 thru 1988 Softail models. Available as a complete set or separately.

233858 Cover with rubber boot

301454 Cover only (OEM 31352-85T)

358035 Rubber boot only (OEM 31444-65A & 31475-77)



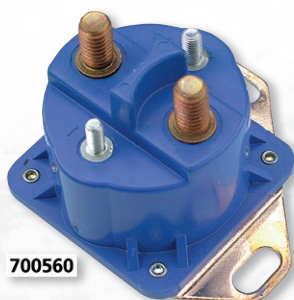
CHROME SOLENOID COVER FOR 5 SPEED BIG TWIN MODELS

Chrome plated solenoid cover and hardware kit. Completely covers the starter solenoid on all 1980 thru 1988 models (except Softails). Complete with chrome buttonhead screws, allen key and edge trim

(OEM 31355-88T).

301093 Chrome solenoid cover

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700560



GENUINE ZODIAC 2 YEARS WARRANTY

STARTER RELAY COVER

A show chromed starter relay cover for all 1991 thru 2006 Big Twin models, except 2006 Dyna. Chrome mounting screws are included.

302059 Starter relay cover



743455



743456



700570



STARTER RELAY

Fits 1973 thru 1980 FL & FX, late 1984 thru 1985 FXR, 1985 FXSB, FXEF & FXWG, 1985 FXST, and 1974 thru 1979 Sportster (OEM 71463-73A).

150007 Stock replacement

700570 Made by Standard Motor Products

231917 Made by Accel

700560 Heavy Duty version with blue casing, made by Blue Streak



STARTER RELAY SOCKET ASSEMBLIES

These American made and ready-to-install starter relay socket assemblies come pre-wired and make the life of both Custom Bike Builders and mechanics much easier. Available for 4 and 5 post starter relays.

721752 5 Wire starter relay socket

721753 4 Wire starter relay socket



743742



STARTER SOLENOID REPAIR KITS

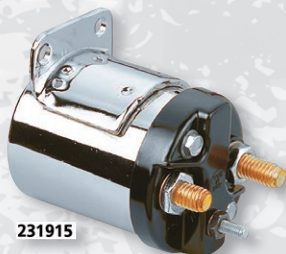
Contain all parts needed to overhaul your starter solenoid.

1965-1984 FL/FLH, 1980-1988 FLT, 1971-1985 FX, FXB, FXE, FXEF, FXSB, 1984-1988 FXST, 1982-1988 FXR, 1985-1986 FXWG & 1967-1980 Sportster (OEM 71465-85T)

150035 Japanese import

743455 Made by Standard Motorcycle Products

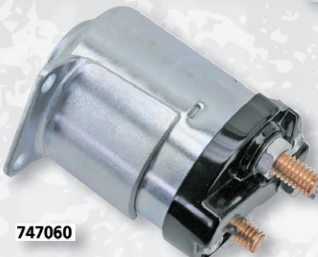
232029 Made by Accel



231915



231916



747060



747061



STARTER SOLENOIDS

Single bracket, fits Big Twins 1965-1988 and Sportster 1967-1980 (OEM 71469-65B)

231915 Accel, chrome

747060 Accel, zinc plated

747061 Accel, black

700555 Standard Motor Products, zinc plated

743744 All Balls, zinc plated

Dual bracket, fits Big Twins 1980-1988, except Softail (OEM 31489-79B)

231916 Accel, chrome

747062 Accel, zinc plated

747063 Accel, black

1981-1994 XL883 Sportster & 1981-1990 XL1200 Sportster (OEM 31605-90)

743499 Made by V-Twin Mfg.

1991-1999 Evolution Big Twin, 1999-2006 Softail, 1999-2006 Touring, 1999-2005 Dyna, 1995 to present XL883 Sportster, 1991 to present XL1200 Sportster & air cooled Buell (OEM 31603-91, 31604-91)

743742 Made by All Balls Racing

1991-1999 Evolution Big Twin & 1999-2006 Twin Cam, except 2006 Dyna (OEM 31604-91)

743456 Made by Standard Motorcycle Products

2006-2017 Dyna, 2007-2017 Softail & 2007-2016 Touring (OEM 31604-06)

743743 Made by All Balls Racing



**STARTER MOTOR COVER**

Another exclusive Zodiac item. This show-chromed cover fits all 5 Speed starter motors 1980 thru 1988. Installs in minutes (OEM 31507-87T).

301615 Starter motor cover

**CHROME SOLENOID COVER**

Simply slides over stock solenoid and mounts with the existing bolts to the primary case. Fits 4 Speed models 1965 thru 1986 and Softail models 1984 thru 1988 (OEM 31353-85T).

301434 Solenoid cover chrome

**STARTER MOTOR END COVERS**

Fits Sportster 1967 thru 1980, and Big-Twin 1965 thru 1988 with Prestolite or Hitachi starter motor (OEM 31565-67).

151040 Starter motor end covers

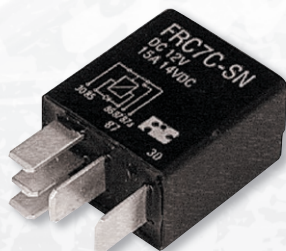
**JAMES SOLENOID BLOCK OFF PLATE FOR SHOVELHEAD**

Rubberized plate to block off the hole for the solenoid in the inner primary on all 1965 thru 1984 Shovelhead Big Twins.

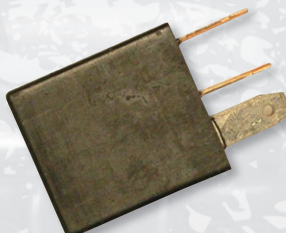
760653 Solenoid block off plate

**MICRO STARTER RELAYS**

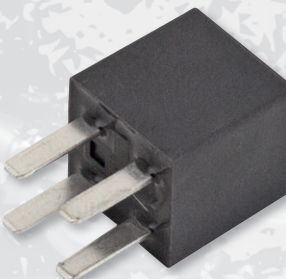
Standard Motor Products "Micro" starter relays meet or exceed all factory standards.



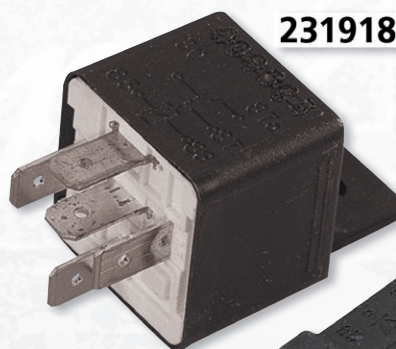
721677 Fits 2000-2006 Touring & 2000-2007 Dyna and Softail. Can also be used on 1980-1999 models if 2000 and later connector is used. The small size, less than half as big as the Bosch type relay, also makes it ideal for Custom projects (OEM 31522-00)



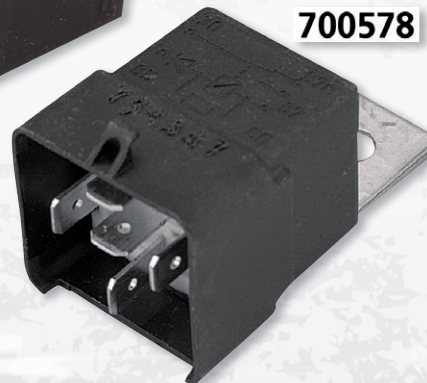
742018 Fits 2004-2009 Sportster (OEM 31601-04)



760445 Fits 2007 to present Touring and 2010 to present Sportster (OEM 31586-07)



231918



700578

**BOSCH TYPE STARTER RELAYS**

The early style OEM 31506-79B starter relay is found on most 1980 thru 1992 Harley-Davidson models. The late type OEM 31504-91A starter relay is in fact the same but has a built-in diode and was introduced in 1991 on Touring and FXRP Police models, and then used from 1992 thru 1999 on all Big Twin and Sportster models. The early style is available as a stock replacement relay that is an equivalent to the OEM part, as well as an improved updated, skirted version, that is really weather proof with a skirt that protects the connector block. Late style starter relays can also be used to replace the early style.

Early style (OEM 31506-79B)

231918 Made by Accel

700579 Made by Standard Motor Products

700578 Skirted version, made by Standard Motor Products

Late style (OEM 31504-91A)

700588 Made by Standard Motor Products

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TOP C +

ZODIAC LITHIUM-ION BATTERIES

Battery technology moves fast forward and these affordable Genuine Zodiac Lithium-Ion (Li-Ion) batteries provide a load of advantages compared to any conventional type of battery. They weigh a third, can survive five to six times more load sequences, up to six times the lifetime and provide up to 50% more Cranking amps than any lead-acid, AGM, or gel battery. Apart from this, Li-Ion batteries keep their load up to twice as long and can withstand up to ten times more Amps when charging, resulting in a much shorter charge time when riding or when connected to a battery charger. Don't be misled by the fact that dimensions as stated are smaller as your current, old-fashion lead-acid battery; a Li-Ion battery simply is that powerful. All Zodiac Li-Ion batteries feature double poles and are supplied with plastic fillers to make sure they fit in your battery tray like a glove. Consequently we only have 4 part numbers to suit almost any 12-Volt Harley to present. Have a monster motor with high compression that is always a pain in the you-know-where to start? Simply go for the Li-Ion battery with the highest capacity and there you go!

IMPORTANT! Li-Ion batteries are more vulnerable to high voltage than lead-acid batteries. Please make sure that the charging voltage of your motorcycle does not exceed 14.5 Volt @ 3,000 RPM. A higher voltage will destroy a Li-Ion battery. Installing a new regulator will usually cure this problem. Also, to maintain a Li-Ion battery always use a battery charger that is specifically designed for Li-Ion batteries.

Fits
Sportster 2004 to present
VRSC V-Rod 2002-2006
VRSC Street Rod 2006-2007
Buell XB9 & XB12
Buell 1125R 2008-2011

L=13.4 cm, H=9.2 cm, W=6.5 cm / Top C
Replaces all YTX14BS, YTX14L-BS, YTX14-3, YTX14-4 and similar batteries
738045 Zodiac Li-Ion battery, 48Wh, 240CCA

Fits
FXR 1982-1994
Dyna 1997-2017
Softail 1986 to present
Sportster 1979-2003
Buell 1987-1996
Buell S1, M2 & M3
V-Rod 2007 thru 2017, except 2006-2007 Street Rod

L=16.5 cm, H=13 cm, W=8.6 cm / Top C
Replaces all YB16-B, YB16-B-CX, YB16L-B, YB16HL-A-CX, YB16-3 and similar batteries
738046 Zodiac Li-Ion battery, 60Wh, 300CCA

Fits
FXR 1982-1994
FL, FLH & FLT all models 1980-1996
Dyna 1997-2017

Softail 1986 to present

L=16.5 cm, H=13 cm, W=8.6 cm / Top C
Replaces all YTX20-BS, YTX20L-BS, YTX20H-BS, YTX20HL-BS, Y50N18-A-A, Y50-N18L-A-CX, Y50N18L-A2, YTX-20-3 and similar batteries
738047 Zodiac Li-Ion battery, 72Wh, 330CCA

Fits
FLH & FLT all models 1997 to present

L=16.5 cm, H=13 cm, W=8.6 cm / Top C
Replaces all YTX30L, YB30L-B and similar batteries
738048 Zodiac Li-Ion battery, 96Wh, 420CCA



ODYSSEY BATTERY

ODYSSEY HIGH CRANKING POWER "DRYCELL" BATTERIES BY HAWKER ENERGY

Wherever superior cranking power, dependability and longevity is required, Hawker's Odyssey batteries lead the field. These batteries outperform conventional, calcium and Gel batteries. They have double or triple the cranking power of conventional batteries and will recharge in less than half the time. Even after repeated starts they will still crank a high compression engine, therefore we strongly recommend them for large displacement or high compression engines. These batteries will easily peak to over 500 Amps cranking Power. Odyssey batteries are 100% sealed, absolutely maintenance free and can be shipped and handled as "Non Hazardous" goods, so no problem to ship them UPS Express.. They are shipped fully charged, simply install the battery, switch the ignition on, push the starter button and you are ready to go.

Other features are:

- Ultra low self-discharge rate eliminates maintenance during storage
- Superior Vibration resistant (designed for Harley use)
- Mounting flexibility, can be mounted in any orientation without sacrificing performance
- Fast recharge (can be returned to 95% in 30 minutes)
- Long life, up to four times longer than conventional batteries
- Operation temperature range -40° Celsius to + 60° Celsius
- Full 2 Years limited warranty

Odyssey batteries feature a rugged construction and packed tightly with pure lead plates, the non-spillable AGM design ODYSSEY battery protects against the shock and vibration that can quickly destroy other batteries. And the pure lead plates mean more power (twice the overall power and three times the life of conventional batteries) up to 400 cycles at 80% depth of discharge! The dimensions of these batteries may differ from stock dimensions, check for the correct size before ordering.

Note: Odyssey batteries can only be charged with a battery charger with a capacity of more than 5 Ah., such as our Accumate charger ZPN236402.

720346 Odyssey 535, fits 1973-1986 FX electric start models, Sportster 1979-1996, FXR 1982-1994 and Dyna 1991-1997. Not recommended for Softails. 535 crank amps. Length 6.7", Height 6.13", Width 3.9" (B)

720363 Odyssey 545, fits Dyna 2007-2017 and 1997-2003 Sportster, require a shim pad under the battery. 545 crank amps. Length 6 7/8", Height 5 1/8", Width 3 1/4" (A)

720347 Odyssey 545MJ, fits Softail, lower than stock battery (OEM strap is too long). Also fits all air cooled Buell 1987-2010, 1996-1999 S1 models require a shim pad under the battery. 545 crank amps. Length 7", Height 5 1/8", Width 3 1/4" (A)

720348 Odyssey 680MJ, fits 1981-1996 FLH and FLT series Touring. 80 crank amps. Length 7 1/4", Height 6 5/8", Width 3 1/8" (A)

720349 Odyssey 925MJ, fits 1997 to present FLH/FLT series Touring. 925 crank amps. Length 6 5/8", Height 4 15/16", Width 7" (A)

720364 Odyssey 925LMJ, same as ZPN720349 but with reverse polarity for custom applications. Length 6 5/8", Height 4 15/16", Width 7" (B)



TOP A TOP B

DYNAVOLT.

DYNAVOLT NANO GEL BATTERIES

Nano-Gel fully activated maintenance free batteries are totally sealed units. Superior to wet charged sealed activated batteries and pre-filled with a unique gel electrolyte. This makes these batteries easy and safer to use, requiring no topping up, eliminating spills and leakages and offer an extended battery life.

Fits Sportster 2004 to present, VRSC V-Rod 2002 thru 2006 and Buell 1125R 2008-2011

(A) L=15 cm, H 14.5 cm, W=8.7 cm

738862 Replaces YTX14L-BS series batteries, 14AH, 315CA, 260CCA (OEM 65958-04)

Fits Softail 1991 to present, Dyna 1997-2017, Buell S1, M2 and S3 models 1997 to present, Sportster 1997 thru 2003 and VRSC V-Rod models 2007 to present, except 2006 thru 2007 Street Rod

(A) L=17.5 cm, H=15.5 cm, W=8.7 cm

738863 Replaces YTX20L-BS series batteries, 20AH, 450CA, 360CCA (OEM 65989-90B)

Fits FLH and FLT all models 1997 to present
(A) L=16.6 cm, H=17.5 cm, W= 12.6 cm

738864 Replaces YTX30-L series batteries, 30AH, 520CA, 416CCA (OEM 66010-97B)

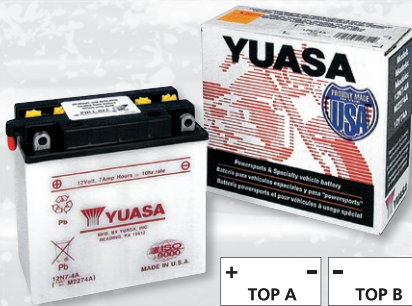




BATTERIES FOR HARLEY-DAVIDSONS

Harley riders demand the best and Zodiac batteries have it. These low priced batteries meet or exceed OEM requirements and have a 6 months limited warranty. These batteries come dry charged from the factory and must be filled with battery acid before use. As they are shipped dry there is no problem shipping these as air cargo. You can purchase battery acid from a local car shop or DIY store.

251199 Fits all FX and Sportster models with kickstart only 1970-1978 (OEM 66006-70T) (12N7-4A)



YUASA BATTERIES

Yuasa Battery Co. is the worlds largest Original Equipment battery supplier in the motorcycle industry. Since many years they also supply Harley-Davidson with private label batteries. Zodiac offers the same top-quality batteries at very competitive prices. For most models we also offer a high output battery. High output batteries have more cold cranking Amps and are highly recommended for high compression motors. These Yuasa batteries come dry charged from the factory and must be filled with battery acid before use. As they are shipped dry there is no problem shipping these as air cargo. You can purchase battery acid from a local car shop or DIY store.

Fits FX and Sportster, kickstart only models 1970 thru 1978 (OEM 66006-70)

710185 Stock replacement battery 12N7-4A (B)

Fits FL and FLH 4 speed models 1965 thru 1984 and electric start Sportsters models 1967 thru 1978 except XLCR (OEM 66005-65A)

710184 Stock replacement battery YHD12 (B)

Fits all electric start FX models 1973 thru 1978, XLCR models 1977 thru 1978, Sportster models 1979 thru 1996, FXR models 1982 thru 1994 and Softail models 1984 thru 1990 (OEM 65991-75 & 65991-82)

710181 Stock replacement battery YB16B (B)

710182 High output battery YB16BCX (B)

Fits all 5 speed FLT, FLHT, FLHS and Road King models 1980 thru 1996 (OEM 66010-82)

710187 Stock replacement battery Y50N18LA (A)

710183 High output battery Y50N18LACX (A)

Replaces the stock maintenance free battery in all FLT and FLH models 1997 to present

710193 Conventional battery YB30L-B (A)



YUASA "V-FORCE" HIGH OUTPUT MAINTENANCE FREE BATTERIES

V-Force Maintenance Free batteries are high-output batteries and are holding voltage better than regular lead-acid batteries. The 200, 310 and 350 cranking Amp batteries come dry with a special easy-to-use highgravity battery acid pack. Once filled from this special pack, the acid is totally absorbed in the special plates and separators. The battery is then permanently sealed with the included plug off strip, never to be opened again and ready for use. Because of the permanent seal, there is no need for the Yuasa V-Force batteries to check the acid level, nor topping-up with distilled water again. V-Force batteries have been tested and proven on Big Inch and High Compression motors. Even engines with 14: 1 compression can be easily started.

Note : These High Power batteries will need longer charging time than normal lead-acid batteries. You should ride the bike for 50 to 60 miles to fully recharge the battery after starting. If this is not done the use of our AccuMate Trickle Charger (ZPN238436) is recommended when the bike is stored. On some models minor modification of the battery hold down system may be necessary.

Fits

Sportster 2004 to present

Buell 1125R 2008-2011

Battery with 200CA, 160CCA, 12AH

FXR 1982-1994

Softail 1986-1990

Sportster 1979-1996

Buell 1987-1996

Battery with 310CA, 250CCA, 18AH

High Performance battery with 350CA, 280CCA, 18AH

Softail 1991 to present

Dyna 1991-2017

Sportster 1997-2003

V-Rod 2007 thru 2017, except 2006-2007 Street Rod

Buell S1, M2 & M3

Battery with 310CA, 250CCA, 18AH

High Performance battery with 350CA, 280CCA, 18AH

FL, FLH & FLT all models 1980-1996

Battery with 310CA, 250CCA, 21AH

FLH & FLT all models 1997 to present

Battery with 335CA, 270CCA, 30AH

VRSC V-Rod 2002-2006

VRSC Street Rod 2006-2007

Buell XB9 & XB12

Battery with 200CA, 160CCA, 12AH

Ship as road cargo Ship as air cargo Dimensions

Ship as road cargo	Ship as air cargo	Dimensions
710232	738854	(A) L=15cm, H=14.5cm, W=8.7cm
710178	738852	(B) L=17.5cm, H=15.5cm, W=8.7cm
710342	738856	
710179	738853	(A) L=17.5cm, H=15.5cm, W=8.7cm
710341	738855	
700758	738850	(A) L=20.5cm, H=16.2cm, W=8.7cm
710192	710192	(A) L=16.6cm, H=17.5cm, W=12.6cm
700802	738851	(B) L=15cm, H=14.5cm, W=8.7cm

- 01 HELMETS, LUGGAGE, AUDIO & MORE
- 02 SEAT
- 03 EXHAUST
- 04 ELECTRIC & LIGHT
- 05 ENGINE ELECTRICS
- 06 INTAKE
- 07 ENGINE
- 08 PRIMARY
- 09 TRANSMISSION
- 10 FINAL DRIVE
- 11 WHEELS & TIRE
- 12 BRAKE
- 13 FOOT CONTROL
- 14 HANDLEBAR
- 15 FRONT SUSPENSION
- 16 CHASSIS/ FRAME & SHOCKS
- 17 FENDER & STRUTS
- 18 GAS TANK & INSTRUMENT
- 19 OIL TANK, FILTER & LINE
- 20 FASTENERS
- 21 MIRROR
- 22 WINDSHIELD
- 23 OIL, CHEMICALS & TOOLS
- 24 TECHTIPS & CROSS REF > ZPN
- 25 CROSS REF ZPN > PAGE
- 26 ALPHABETICAL INDEX



6 VOLT BATTERY

This 6 Volt 22 AH battery fits most 1930 thru 1964 models. 115mm wide, 215mm high and 100mm deep. Comes dry charged and requires filling with battery acid. Acid is not included as it may not be shipped due to safety reasons. Please purchase battery acid from a local car shop or DIY store.

742393 6 Volt battery (OEM 66006-29F)

780076 Stock style screw, nut and felt washer kit, white plated, Samwel

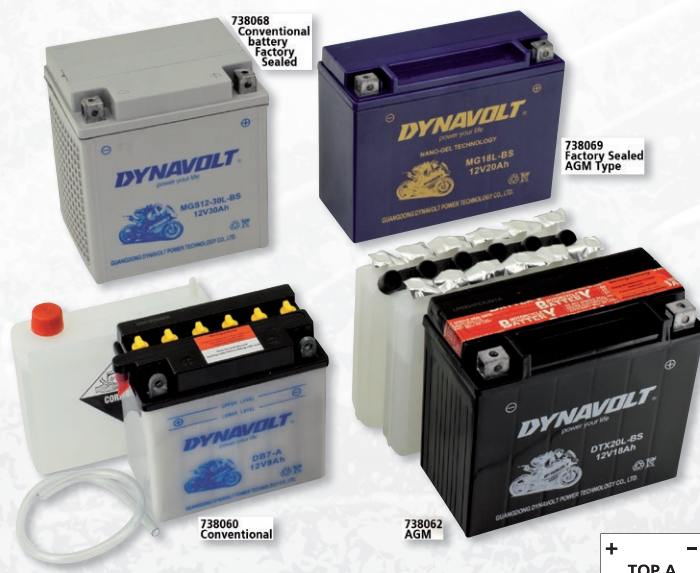


ACCUMATE BATTERY CHARGER FOR ODYSSEY BATTERIES

This professional battery charger is a Dual program type. The first program is specifically to charge and maintain Odyssey and other AGM and deep-cycle batteries. The second program is for all types of batteries (lead-acid, absorbed acid, Gel, etc.) with a capacity of more than 20Ah. Very easy to use-Connect to battery and mains power. The rest is fully automatic. In addition to its quick charging ability, AccuMate PRO is ideal for long term maintenance of the batteries of irregularly or seasonally used vehicles & appliances, "old-timer", veteran & collectors' vehicles. The easily detachable handle incorporating a cable storage reel and clamp storage can be mounted above the main housing (for carrying) or below (for wall-mounted application, by means of 2 pear-slots in the rear of the housing which engage on two screws in the wall). The compact charger dimensions of 5 1/2"x6 3/8"x6" high include the handle. Intelligent electronic protections against inverse polarity, short-circuit, over-heating with built in spark suppression. Additional fuse protections provided for eyelet connection set, AC input, and a thermal fuse protects the transformer. Complete with instructions. Quick-connect eyelet connection cable sets are available separately.

236402 AccuMate Pro Dual Program battery charger

743288 Eyelet connection cable set, water proof, SAE-style



DYNAVOLT

DYNAVOLT BATTERIES

Top quality lead-acid type batteries in application dependent designs for most Harley-Davidson motorcycles.

Fits

Kickstart-only Sportster 1970-1978

Kickstart-only FX 1970-1978

Conventional battery, 8 AH

Buell 1987-1996, stock is 18AH

Electric start Sportster XLCR models 1977-1978, stock is 16AH

Sportster 1979-1996, stock is 18AH

Electric start FX 1973-1986, stock is 16AH

FXR 1982-1994, stock is 18AH

Softail 1986-1990, stock is 18AH

AGM battery, 18 AH

V-Rod 2002-2006

VRSCR Street Rod 2006-2007

Buell S1 Lightning 1996-1999

Buell XB9S Lightning 2002-2003

Buell XB9R Firebolt 2002-2003

Buell XB12

AGM battery, 12 AH

Gel battery, 14AH

AGM battery, 18 AH

Buell S1, M2 & S3 1997-2010

Sportster 1997-2003

Low Maintenance battery, 18 AH

AGM battery, 18AH

Sportster 1997-2003, slightly larger than stock, installation requires removal of the stock rubber bumpers from the battery tray

Conventional battery, 19 AH

Buell 1125R 2008-2011

Sportster 2004 to present

XG 500 & XG750 Street 2014 to present

AGM battery, 14 AH

Softail 1991 to present

**Ship as
road cargo**

**Ship as
air cargo**

Dimensions
(B) L=13.5cm,
H=13.5cm,
W=7.5cm

738060

Z

(B) L=17.3cm,
H=15.5cm,
W=8.7cm

738866

(B) L=15cm,
H=14.6cm,
W=8.7cm

738063

738867

738070

738070

-

738074

(A) L=17.5cm,
H=15.5cm,
W=8.7cm

738066

738074

738865

(A) L=17.5cm,
H=15.5cm,
W=10.0cm

738071

-

(A) L=15cm,
H=14.6cm,
W=8.7

738076

(A) L=17.5cm,
H=15.5cm,
W=8.7cm

Fits
Dyna 1991-2017
 AGM battery, 18 AH
 Conventional battery, 18 AH

FLH & FLT series 1997 to present

Conventional battery, Factory sealed, 30 AH

All Victory 92CI (1, 507cc) models 1998-2006

2016-2017 Victory Octane
 AGM type battery, 18AH, replaces YTX20HL-BS

Ship as road cargo	Ship as air cargo	Dimensions
738066	-	(A) L=16.8cm, H=17.4cm, W=12.6cm
738071	-	
738068	738068	(A) L=17.5cm, H=15.5cm, W=8.7cm
738066	-	



ZODIAC 'ACCUMATE' AUTOMATIC BATTERY CHARGER

When you have used the starter motor, specially high torque starter motors, to start your Harley-Davidson motorcycle it takes a ride of at least 50 Miles to recharge the battery fully. As a result, a few starts without putting some mileage on, can very easily flatten the battery. On the other hand, a constant charge from a normal charger may overcharge your battery and kill it. As the best solution we have had a fully automatic trickle battery charging system developed by Accumate. This private label Zodiac Trickle Charger, will cure your starting problems and extend the battery life. It can be used for both 6 and 12 V, including lead acid batteries, Gel batteries and Maintenance Free batteries. This 3-stage "IUoU" Power Charging System not only charges a low battery, it also maintains a battery in top condition, automatically recharging the battery when the current drops under 200 mA. The Accumate is extremely easy to operate having only one switch to select either 6 or 12 V. Electronic automatic fuses prevent short circuiting or wrong polarity. The Accumate also has 5 LEDs to warn you for:

- Power On
- Charging
- Voltage Selection
- Wrong Polarity
- Fully Charged

Separately available is an additional eyelet connection cable set, as supplied with the charging device, making it possible to maintain the batteries of more than one vehicle.

- Note:** Accumates supplied before December 2014 do not have a SAE style plug but a white KET style plug
- 238436** Accumate automatic battery charging system
- 743288** Eyelet connection cable set, water proof, SAE-style
- 743160** Eyelet connection cable set, water proof, white KET style plug



ZODIAC ACCUMATE-V BATTERY CHARGER

The Zodiac Accumate V is a 1, 8 Amp versatile, 4-step, automatic charger and maintainer for sealed and filler cap 12V lead-acid batteries. It will charge and maintain any size battery, although best suited to batteries of capacity from 7Ah to about 90Ah. It comes with detachable battery clips and a fused battery snap cord with weatherproof connector for easy on-vehicle charging. The Accumate-V keeps your battery in ready-to-start-your-bike condition as it features an advanced 4-step charging program:

STEP 1: Boost -Constant current charging at 1, 8A until the rising voltage reaches 14, 3V.

STEP 2: Absorption -Voltage held at 14, 3V until the current drawn by the battery falls to 200mA.

STEP 3: Maintenance - Float mode: the voltage is held at 13, 5V for ideal long-term battery care.

STEP 4: Interactive standby -Monitors if current exceeds 200mA during long term maintenance charging. If it does, it cycles between steps 2 and 3 to prevent the battery from losing any charge due to permanently connected devices such as an alarm or parasitic drain caused by aged or faulty vehicle wiring. A bracket for mounting the charger on a vertical surface is separately available. It mounts the charger under a 45° angle, providing optimal visuals of the LED indicators and access to charger cable. It also provides you with a cable wind & storage area for charge cable and battery clips. Includes screws and plugs for wall mounting and fixing charger to the bracket. Separately available is an additional eyelet connection cable set, as supplied with the charging device, making it possible to maintain the batteries of more than one vehicle.

238479 Optional wall mount bracket

743160 Eyelet connection cable set, water proof, white KET style plug



Optimate

OPTIMATE LITHIUM BATTERY CHARGERS

These battery chargers are especially made to charge and maintain Lithium-Ion batteries. Available as an 0.8 Amp charger that works from -20C to +40C and is great to keep your Li-Ion battery in good condition. There is also a 5 Amp charger that works from -40C to +40C and selects the best of its 5 charging programs, based on the condition of the battery and temperature, great when you leave your bike unused for more than just a couple of weeks. Both chargers also maintain the battery by charging and discharging at regular intervals. This will ensure the battery will not get overcharged or lose too much power. Chargers come with one set of cables that can be mounted permanently to your motorcycle and can be plugged in to the charger, as well as a set of cables with battery clips.

743188 Optimate 5A Lithium charger TM290

743189 Optimate 0.8A Lithium charger TM470

743288 Eyelet connection cable set, water proof, SAE-style



238479 Optional wall mount bracket



NEW

Optimate

OPTIMATE SOLAR 12V CHARGE & MONITOR SYSTEM

The smart 24-7 battery care solution powered by the sun. Includes a 10 Watt weatherproof solar panel and a smart OptiMate Solar combination charger-monitor controller, that charges & maintains a 12V battery during the day and monitors and displays the battery state of charge at night. The solar panels wide spectrum poly-crystalline technology generates power even in low light. The OptiMate controller converts into high current pulses more effective for charging and maintenance of a standard, Gel, AGM or EFB 12V battery. At night the smart controller turns into a battery monitor, providing battery information every 3 seconds on the easy to read 3 LED panel. Saves flat batteries from as low as 1V with its unique pulse action. Fastest charge is delivered as 'smart charge' control selects pulse or continuous charge according to sunlight strength. Intelligent maintenance continues the next day if battery retained charge overnight, otherwise the program reverts to OPTIMIZE step. Battery condition is displayed every 3 seconds. Ready indication for STD and hi-performance AGM batteries. Draws less than 0.5mA during monitor mode. Automatically switches to CHARGE when solar power is sufficient. The OptiMate charger-monitor controller is separate to the solar panel and can be placed close to the vehicle or battery so that charge and maintenance progress can be easily followed. The solar panel must be mounted and angled to receive direct sunlight. The reach / distance between battery and panel is 124" (315cm). Outer dimensions, including corner mount brackets are: width 11 1/2" (29.3 cm), height 12 3/4" (32.5 cm), depth 1" (2.6 cm).

743778 OptiMate Solar 10W battery charger



ACCEL

ACCEL'S BATTERY ELIMINATOR

This trick part eliminates the use of a battery on kick-start models with magneto ignition. Boosts spark Voltage at cranking and eliminates flickering lights at low engine RPM's. Includes shock-resistant mounting clamp and attachment hardware. Made in the USA. Must be used with ZPN731513.

231903 Accel battery eliminator



NEW

LIQUI MOLY

LIQUI MOLY BATTERY TERMINAL GREASE

Protective grease for use on battery poles and electrical contacts. Protects against oxidation and corrosion to ensure safe starting, clear lighting and extended battery life. Avoids connector damage from battery acid, loss of voltage and reduces contact resistances. Operating temperature range is -30°C up to +100°C.

754631 Liqui Moly battery terminal grease, 50g plastic tube



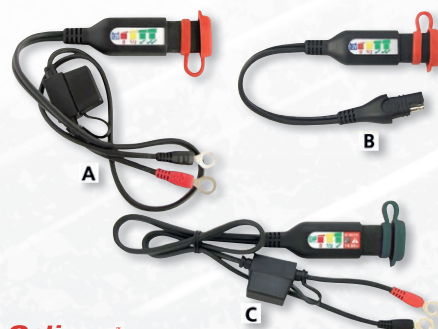
NEW

Optimate

OPTIMATE 1 DUO BATTERY CHARGER

A 4-step 12V/12.8V 0.6 Amp battery charger-maintainer that delivers precise micro processor controlled charging and long term maintenance. Maintain any type of 12 volt battery without overcharging. Works on standard lead-acid, sealed AGM, Maintenance Free or GEL battery from 2 to 30AH, as well as 12.8/13.2V lithium (LiFePO4) batteries. Ideal for vehicles that are seldom or seasonally used, or in storage. The OptiMate maintenance program delivers only what the battery needs, never overcharges, never undercharges. Comes with SAE style plug and battery clips.

743777 OptiMate 1 Duo battery charger



Optimate

OPTIMATE SMART LED BATTERY MONITORS

These kits allow you to monitor the battery status, which is very easy when you store your vehicle for an extended period and have no access to an AC supply. This way you can recharge the battery before it dies. Monitors have a built-in SAE charge port where you can plug in your Optimate or Zodiac-Mate battery charger. Available for Lead-acid or Lithium batteries, they mount on the battery terminals using the stock M6 screws or you can use an existing SAE port from other Optimate accessories. Sold each.

743771 [A.] For Lead-acid batteries with M6 terminals

743772 [B.] For Lead-acid batteries that already have an SAE terminal

743773 [C.] For Lithium batteries with M6 terminals



JIMS

JIMS ONBOARD DIAGNOSTIC VOLTMETER

Like all modern motor vehicles, Harley-Davidson motorcycles are much more dependent upon their electrical charging systems. Electronic fuel injection systems with high pressure fuel pumps, audio, GPS Navigation and more powerful lights that are on whenever the motorcycle is operating, add significantly to electrical demands. Charging system failure can be more than an inconvenience, so it makes sense to take preventative measures. The Onboard Diagnostic Voltmeter attaches easily to the battery and can be quickly viewed to spot potential charging system and battery problems. Works on all 6 or 12 volt battery and charging systems in motorcycles and many other applications.

753624 Jims onboard diagnostic voltmeter



ZODIAC

BATTERY MOUNT STUD FOR XL

Heavy-Duty rubber battery tray stud mount stud for XL from 1995 to present. Has one 5/16x1/2" UNC, and one 1/4x1/2" UNC threaded stud (OEM 62569-94).

358220 Battery stud 5/16-18x1/2"



Optimate

OPTIMATE CONNECTORS

These connectors plug straight into the charger quick-connect cable ZPN743288, cigarette lighter plug or socket, or older battery chargers.

- 743760** [A.] Cigarette lighter plug to SAE, 50cm cable
- 743761** [B.] SAE to SAE cable extender, 180cm cable
- 743762** [C.] Battery clips with fuse, 50cm cable
- 743763** [D.] Y-splitter for SAE to SAE, 30cm cable
- 743764** [E.] Female cigarette lighter receptor to SAE, 50cm cable
- 743765** [F.] Battery lead adapter with male KET/TM style plug as on older TecMate, Oxford and Datatool battery leads to SAE, 15cm cable
- 743766** [G.] Charger lead adapter with female KET/TM style plug as on older TecMate, Oxford and Datatool battery leads to SAE, 15cm cable
- 743767** [H.] Set of replacement caps and seals for SAE style connectors
- 743768** [I.] Weatherproof panel mount SAE style receptacle for 25mm hole with SAE style plug, 15cm cable
- 743769** [J.] USB port with SAE connector, auto-off when battery voltage drops below 12.4V, ideal for smart phone charging
- 743770** [K.] Weatherproof USB port with SAE connector, auto-off when battery voltage drops below 9V, 25cm cable
- 743288** [L.] Eyelet connection cable set, water proof, SAE-style



Sumax

BATTERY CABLES

Replacement battery cables for most Harley models from 1965 to present.

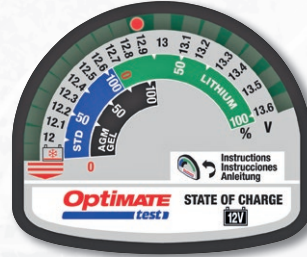
8 1/2" cable with 5/16" (8mm) and 3/8" eyelet (OEM 70209-65A, 70461-67 & 70011-81). Used on FL models 1965 and later, FXE models 1973 and later and XL models 1981 and later as a battery ground strap.
238676 8 1/2" cable

11" cable with 5/16" and 3/8" eyelet (OEM 70097-75). Used as a positive battery cable on Sportster models

late 1975 to present as well as negative battery cable for Sportster models 1979 to present and solenoid to starter cable on FLT models 1980 to present.
238677 11" cable

11 3/4" cable with 5/16" and 3/8" eyelets (OEM 70078-91). Fits Softail models.
238678 11 3/4" cable

15 1/2" cable with 5/16" and 3/8" eyelets (OEM 70069-65A & 70083-82). Used as a positive battery cable on Sportster models 1967 thru early 1975 as well as Sportster models 1982 to present and as a battery to solenoid and solenoid to starter cable on FL models 1965 to present.
238679 15 1/2" cable



Optimate

OPTIMATE BATTERY AND ALTERNATOR TESTERS

These small and handy testers will help you make a diagnosis of your electrical system in a snap. Comes supplied with battery clips for use on the battery terminals, or use your already existing Optimate quick-connect for easy access. They work with all 12 Volt lead-acid, AGM/Gel and LiFePO4 (LFP) Lithium batteries in motorcycles and cars.

Battery state of charge tester

743775 Indicates state of charge in Volts and percentage for all types of batteries



Cranking power & alternator tester

743774 Indicates state of battery charge in Volts, records lowest start voltage and displays this for 20 seconds. Also verifies vehicle system charging voltage is in range for lead-acid batteries and not overcharging LiFePO4 Lithium batteries



ZODIAC

BATTERY TERMINAL ADAPTER KIT

Great for custom jobs or when you just can't get the battery type with the terminals in the exact stock location. These adapters are made from pure brass and change the terminal position by 45 degrees. Set contains 2 adapters with four M6 lead plated battery screws.

251277 Brass battery terminal adapter kit



THERMOTEC BATTERY WRAP HEAT BARRIER

This battery wrap gives you the ultimate protection against leaking battery fluid. The black felt material is treated with a proprietary material that neutralizes acid. It is also a big help for you custom builders wanting to protect delicate parts of the bike against excessive heat. The highly reflective surface of this wrap is capable of withstanding radiant temperatures in excess of 1050°C. V-Rod owners especially want to take a good look at this, since their battery is flat mounted and therefore more vulnerable. The kit consists of an 8" x 40" acid-absorbing and neutralizing felt wrap, an 8" x 40" aluminized thermal barrier and an 8" x 12" acid absorbing/neutralizing felt mat.

741373 Thermotec battery wrap heat barrier.



ACCEL "GOLD" BATTERY CABLE KITS

Accel's battery cables feature beefy 4-gauge (5.2mm diameter, also known as 21.2mm²) wires with 1, 687 strands of tin plated copper wire and feature top of the line gold plated terminals. They are extremely flexible and cover with high temperature translucent black silicone. Kits include two stock length cables.

747042 Fits all 1997 thru 2007

FLH and FLT series Touring models. Replaces negative cable (OEM 70042-97 and 70267-04) and positive cable (OEM 70377-97A)

747045 Fits 1991 thru 2003 Dyna. Replaces negative cable (OEM 70103-96) and positive cable (OEM 70102-96A)

747044 Fits 2004 thru 2005 Dyna. Replaces negative cable (OEM 70284-04) and positive cable (OEM 70102-96A)

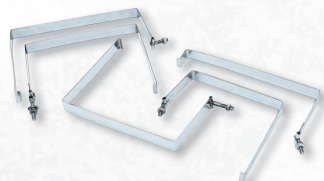
01	HELMETS, LUGGAGE, AUDIO & MORE
02	SEAT
03	EXHAUST
04	ELECTRIC & LIGHT
05	ENGINE ELECTRICS
06	INTAKE
07	ENGINE
08	PRIMARY
09	TRANSMISSION
10	FINAL DRIVE
11	WHEELS & TIRE
12	BRAKE
13	FOOT CONTROL
14	HANDLEBAR
15	FRONT SUSPENSION
16	CHASSIS/FRAME & SHOCKS
17	FENDER & STRUTS
18	GAS TANK & INSTRUMENT
19	OIL TANK, FILTER & LINE
20	FASTENERS
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25	CROSS REF ZPN > PAGE
26	ALPHABETICAL INDEX



SOFTAIL BATTERY CUSHION

Replacement battery cushion for Softail models. Cushion is oil and heat resistant, absorbs engine vibration and protects the battery against cracking thus leakage. Fits 1986-1996 Softail models (OEM 66210-85B).

013200 Softail Battery cushion



2 YEARS WARRANTY

STAINLESS STEEL BATTERY HOLD DOWN STRAPS

Polished battery straps manufactured from 18-gauge stainless steel to exceed OEM specifications. Includes nuts and washers.

301361 Fits FL 1965 thru 1969 (OEM 66383-65T)

301363 Fits FL 1970 thru 1984 (OEM 66383-70T)

301367 Fits FX and XL kickstart models 1970 thru 1978 (OEM 66470-70T)

301364 Fits electric start FX(R) models (except Softail) 1973 thru 1986 and Sportster models 1982 thru 1997 (OEM 66476-73T)

301533 Fits Sportster models 1998 to present (OEM 66476-98)



BATTERY ROD KIT FOR 1936-1957 BIG TWIN

Battery rod kit includes right side rod (OEM 66390-36), left side rod (OEM 66393-36), upper & lower pads (OEM 66100-15) and wing nuts (OEM 66387-26). Metal parts feature a parkerized finish. Fits all 1936-1952 EL, all 1938-1948 UL and all 1941-1957 FL.

789384 Battery rod kit for 1936-1957 Big Twin



SUMAX EXTREME DUTY BATTERY CABLES

These 4 gauge (5.2mm) diameter fat and flexible cables will transfer more cranking power with the least amount of voltage drop and amperage loss. Over 1,000 strands of copper are covered with a special vinyl insulation and finished with a synthetic thermo-rubber jacket. Sealed and insulated black thermal heat shrink tubing makes them moisture proof. Sold in sets.

752464 Fits all XG 500 and XG 750 Street models (OEM 66000024 & 6600029)

752508 Fits all 2017 to present Touring & Trike models (OEM 66000116 & 69201130)

752575 Fits all 2018 to present Milwaukee Eight Softail (OEM 66000118 & 69201855)



BATTERY CABLES AND HARDWARE

Bad battery or starter motor cables cause usually starting problems. There can be a tremendous Voltage drop due to a bad cable, a bad connection of the cable to the eyelet or in the connection of the eyelet and the user. Therefore battery cables should be regularly checked and if needed renewed. These battery cable kits allow you to make a low resistance, high quality cable at any length. These kits are ideal for Custom Bike builders and anyone else who wants to use a different model battery or wants to relocate the battery carrier. Kits come with classic copper cable with high insulating black covering. Our convenient shop kits contain 5 meter of battery cable and a unbreakable plastic box with 10 eyelets with 1/4" eyes, 10 eyelets with 5/16" eyes and 10 black shrink sockets to give the finishing touch to your Custom build cables. The battery cables are separately available in 5 meter length. Eyelets and shrink-socket tubes are separately available in 10 packs.

Shop kits

741180 Kit with 5 meters of classic black covered copper, cable

Custom Battery & Starter cable

239231 Classic black covered copper cable, 5 meter

Soldering and eyelets (10 pack)

239236 With 6mm hole

239237 With 8mm hole

236164 Shrink sockets 19 thru 9.5mm



SAMWEL BATTERY BOX FOR 45CI

Almost exact reproduction of the battery box on 1929 thru 1954 45CI models. The difference is in the detail, it features a hole for the battery vent tube as found on our ZPN742393 batteries. Battery box (OEM 66202-29) comes complete with top cover (OEM 66377-29), two rubber battery mats, cover clamp bolts and wing nuts.

745933 Complete battery box

745935 Set of 2 rubber battery mats (OEM 66100-15)



BATTERY TRAY CUSHION RUBBER

Battery tray cushion rubbers as used on Softail models 1997-1999. Made from oil, acid and heat resistant NBR rubber. Also fits most aftermarket and Custom made battery trays for Softail, FXR and Dyna models (OEM 66210-97).

013205 Battery tray cushion rubber



2 YEARS WARRANTY

BATTERY CARRIER TRAYS

Chrome-plated battery carrier complete with battery pad, rubber mounting studs, brackets and all other mounting hardware necessary for installation.

013108 Fits FL & FLH 1970 thru 1984 (OEM 66204-74)

013110 Fits electric start FXB, FXE, FXEF, FXS & FXWG 1973-1986 (OEM 66191-73)



2 YEARS WARRANTY

WRAP-AROUND BATTERY COVER

The unique designed one-piece battery cover has the top and side in one and can be used on 1991 thru 2005 Dyna Glide models. Installs in no time and has a Show-Chrome finish with black accents (OEM 66192-99).

301513 Wrap-around battery cover



NAMZ BATTERY CABLES

Namz battery cables are made using 4-gauge (0.2043" or 5.19mm in diameter, which equals 21.14mm²) clear or black jacketed oxygen-free wire, and have silver tinned lugs with a 1/4" hole on one end and a 5/16" hole on the other end. Sold in pairs.

Black	Clear	Length
701628	701636	6" (15cm)
701629	701637	7" (18cm)
701630	701638	9" (23cm)
701631	701639	11" (28cm)
701632	701640	13" (33cm)
701633	701641	15" (38cm)
701634	701642	17" (43cm)
701635	701643	19" (48cm)



GENUINE ZODIAC 2 YEARS WARRANTY
LOUVERED CHROME BATTERY COVERS

- 301200** Fits all 4 Speed FL and FLH models from 1970 thru 1984
301202 Fits 1973 thru 1985 FXE, 1980 thru 1986 FXWG, 1991 thru 1996 Dyna and 1982 thru 1999 Sportster



GENUINE ZODIAC 2 YEARS WARRANTY
RIBBED CHROME BATTERY COVERS

- 782137** Fits all 4 Speed FL and FLH models from 1965 thru 1969
782138 Fits all 4 Speed FL and FLH models from 1970 thru 1984



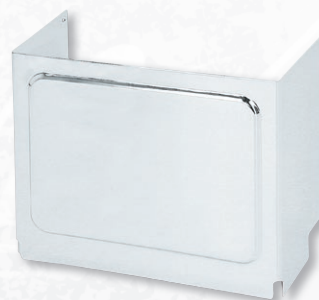
GENUINE ZODIAC 2 YEARS WARRANTY
BATTERY TOP COVERS
 Battery top covers for Big-Twins.
301158 Fits FL & FLH 1965-1984 (OEM 66370-65TE)



GENUINE ZODIAC 2 YEARS WARRANTY
BATTERY TOP COVER FOR EARLY BIG TWIN & SERVICAR
 Stock replacement battery top covers for the 6 Volt battery in 1936-1940 EL, 1938-1948 UL, 1941-1965 FL Big Twin and 1957-1963 Servicar (OEM 66373-36).
782164 Chrome
782165 Black



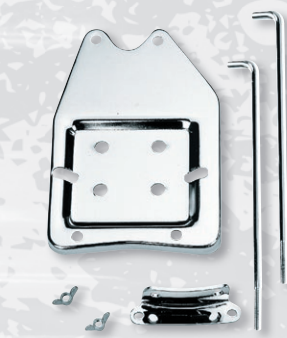
GENUINE ZODIAC 2 YEARS WARRANTY
CHROME BATTERY COVER FOR 2006-2017 DYNA
 Perfect copy of the OEM battery cover with a chrome finish. Fits all 2006-2017 Dyna.
789390 Battery cover (OEM 66375-06)



GENUINE ZODIAC 2 YEARS WARRANTY
BATTERY COVER
 Show-Chrome battery cover, fits 1997-2005 Dyna & 1997-2003 Sportster (OEM 66375-97).
301515 Battery cover



GENUINE ZODIAC 2 YEARS WARRANTY
TOP COVER
 Chrome-plated battery top cover for electric start Sportster models 1967-1978 (OEM 66369-67).
301257 Top Cover



GENUINE ZODIAC 2 YEARS WARRANTY
BATTERY HOLD DOWN KIT AND FENDER ACCESSORIES
 Completely chrome plated hold down kit for early 6 Volt Big Twins with Horse-Shoe oil tank. All parts are interchangeable with OEM parts.
301360 Rod set (OEM 66390-58 & 66393-58)
310213 Bottom plate (OEM 62575-36)
011335 Bottom plate bracket (OEM 62585-36)



GENUINE ZODIAC 2 YEARS WARRANTY
FLAT BRAIDED GROUND CABLE
 Flat braided ground cable with 1/4" and 3/8" hole (OEM 70235-67A, 70461-67 and 70011-81), (6 packs).
238582 Flat braided ground cable



GENUINE ZODIAC 2 YEARS WARRANTY
PLAIN BATTERY COVERS
 Show-Chromed covers for electric start FL, FX, Dyna and Sportster models.



301252 Fits 1973 thru 1985 FXE, 1980 thru 1986 FXWG, 1991 thru 1996 Dyna and 1982 thru 1999 Sportster, features cell viewing window (OEM 66070-83T)



301162 Fits all 4 Speed FL & FLH 1970-1984 (OEM 66074-83T)

01	HELMETS, LUGGAGE, AUDIO & MORE
02	SEAT
03	EXHAUST
04	ELECTRIC & LIGHT
05	ENGINE ELECTRICS
06	INTAKE
07	ENGINE
08	PRIMARY
09	TRANSMISSION
10	FINAL DRIVE
11	WHEELS & TIRE
12	BRAKE
13	FOOT CONTROL
14	HANDLEBAR
15	FRONT SUSPENSION
16	CHASSIS/FRAME & SHOCKS
17	FENDER & STRUTS
18	GAS TANK & INSTRUMENT
19	OIL TANK, FILTER & LINE
20	FASTENERS
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CHROME ELECTRICAL PANEL COVER

This show chromed electrical panel cover is stock on FXDL and FXDWG's and is a replacement for the black Original Equipment circuit breaker cover on all other 1991-1998 Dyna Glide models (OEM 66333-90).



BATTERY TOP COVER

Fits all Dyna Glide models from 1991 thru 1996.

302063 Battery top cover



302055 Electrical panel cover with Louvers



BATTERY TOP COVER

Fits electric start FXB, FXE, FXEF, FXS & FXWG 1973-1986 and all Sportsters 1982-1996 (OEM 66367-73T).

301159 Battery Top cover



RUBBER BATTERY STRAP

Fits 1991-2017 FXST & FLST, 1980 thru 1992 FL(H)T, 1977 thru 1978 XLCR & 1979 XL (OEM 66105-77).

301777 Battery strap