

ACCEL

MOTORCYCLE
PRODUCTS



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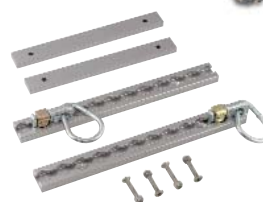
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300+ Crimping Tool
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Straight High Flow Fuel Spigot
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NEW S/S Ferro-Spiral Core Spark Plug Wires For Delphi® Fuel Injected Equipped Engines

The newest addition to the ACCEL wire lineup, the new S/S wire sets feature the same great features as the 300+ Series such as a extra thick 8mm silicone jacket and silicon insulation eliminate electrical "leakage" or RFI interference that interrupts electronic ignitions and especially the Delphi® fuel injection systems found on many Twin-Cam® motorcycles. S/S Wire can deliver up to 5 TIMES more peak energy than "Screaming Eagle®" wire sets and it can do it even at high temperatures over 500 degrees F. 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 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 Wire is 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 all carbureted and fuel injected motorcycles and are available in 4 colors- Blue, Black, Red, and Yellow.

Available For Dyna, Softail, and Touring Motorcycles - See Catalog Pages 6 and 7



NEW ACCEL Super Coils

Now get the same great performance that you have relied on for years in new Black and Chrome like finishes along with the ACCEL's famous yellow.

Available For Points, Dual Fire Electronic, and Single Fire Applications - See Page 10



NEW Electronic Advance Distributors w/Rev Limiting

Now enjoy all the benefits of modern electronic advance ignitions in early distributor equipped Big Twins and Sportsters. These Mallory distributors give you the option of running either Single Fire or Dual Fire mode when matched up with the appropriate coil. You can chose from 14 pre-designed advance curves that cover everything from a stock engine to an all out high compression monster. The module also features on board rev limiting, an LED for easy static timing, and is designed to work with or without V.O.E.S. input. The machined aluminum housing offers superior heat sink capabilities yet can still be installed without disassembling the engine if stock heads & barrels are used.

Available For Sportster and Big Twin Applications - See Catalog Page 12



NEW 32 Amp and 38 Amp Charging System Kits Plus New Rotors and Stators

Now available in complete kits, ACCEL now offers complete stator, rotor and regulator kits so you can ride with confidence. In addition, we've added many new rotors and stators to continue to lead the industry in the most complete coverage available anywhere!

Available for Dyna, Softail, Touring and Sportster Applications - See Page 18

NEW ACCEL Gold Battery Cable Sets

Don't get stranded by failing OEM battery cables. ACCEL Gold 2 Cable Sets are the highest possible quality cables that can be made. The 4 gauge cables feature 1667 strands of tin plated copper for extreme flexibility and the highest possible energy flow. The cables are terminated using top-of-the-line gold plated terminals. In addition, the cable is jacketed using high temperature translucent black silicone that resists heat while maintaining maximum flexibility. These premium cable sets are backed with ACCEL's Limited Lifetime Replacement Warranty.

Available for Dyna, Softail, Touring and Sportster Applications - See Page 24



NEW High Temperature Exhaust Wrap Kits

Take advantage of the latest trend and wrap your motorcycle exhaust. Applying this premium wrap will increase power and reduce radiated exhaust heat at the same time. Each kit includes 25 feet of 2 inch wide top quality wrap that can withstand up to 2,000 degrees and 4 extra long stainless steel tie wraps for that finishing touch. Kits are available in either natural tan or black.

Universal Application - For More Detail See Catalog Page 27



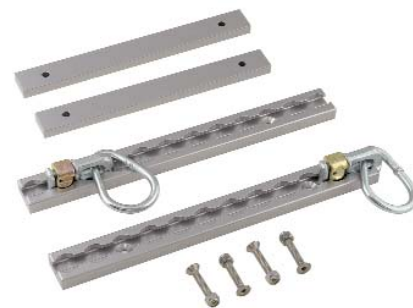
NEW AnchorTrax To Keep Your Motorcycle Safe and Secure

Here's the perfect choice for securing your motorcycle, ATV or cargo in the bed of a truck or on a trailer. The adjustable tracks make them ideal for tying down a bike in just the right position to keep things secure and still keep the straps from damaging anything. AnchorTrax is designed to provide a 1,000 pound working load limit with a 3,000 pound break strength. The tracks are made from powder-coated 6061 T6 aluminum.

They are available in a complete easy to install kit, requiring just 2 small holes to be drilled in the bed and actually strengthen the bed once installed. The complete kit contains 2 12" sections of track, 2 heavy duty anchors, 2 backer bars, and mounting hardware.

You can also purchase the track section in 6' lengths which are ideal for recessing into the floor of a trailer for the ultimate in flexibility.

Universal Application - For More Detail See Catalog Page 27



NEW Ultra Tork Starters

New for 2008 is ACCEL's hot lineup of all new Ultra Tork starters. Using nothing but the best parts, ACCEL's starters are backed by an unequalled 5 year warranty. They are available in 1.4 KW and 1.8 KW to start even the meanest V-Twin. See details at accel-motorcycle.com.

Available For Dyna, Softail, and Touring Motorcycles - See Catalog Page 21





ACCEL High Performance Platinum Spark Plugs

ACCEL Platinum Spark Plugs are manufactured from the best materials available and include the finest quality assurance of any spark plug available to ensure long, trouble-free operation. The premium quality platinum tip is more durable than standard plug material so the spark plug will maintain the proper gap much longer than ordinary plugs. The proper spark plug gap requires less voltage to fire so you will have fewer misfires for long periods of use. The pure copper center electrode reduces fouling. Easier starting, improved fuel economy, smooth idling and quicker acceleration are just a few benefits of ACCEL PLATINUM spark plugs.

ACCEL High Performance U-Groove Spark Plugs

ACCEL U-Groove Performance Spark Plugs have a patented U-shaped ground electrode that produces a double wide, hotter spark to ignite standard or even the highest compression engines. The sintered alumina heavy-duty five rib insulator eliminates "flashover" and overheating that occurs with high performance and long range applications. ACCEL U-Groove spark plugs use the purest copper/nickel alloy electrode to produce a broad heat range that is highly foul resistant and dissipates heat better than any other material. Years of racing and street performance research has proven that ACCEL U-Groove spark plugs deliver the hottest spark and the highest performance of any spark plug available.

ACCEL SPARK PLUG QUICK REFERENCE GUIDE BY ENGINE SIZE					
Engine	Year	Model	U-Groove	Platinum	Gap
Twin Cam 88	1999-2007	All	2418	Y2418P	.040
1340 EVOLUTION	1983-1999	FL, FX (All)	2410A	Y2410P	.040
1340 SHOVEL HEAD	1982-1984	FL, FX (All)	2417	Y2417P	.040
1340 SHOVEL HEAD	1980-1981	FL, FX (All)	2410A	Y2410P	.040
1340 SHOVEL HEAD	1975-1979	FL, FX	2403A	Y2403P	.025
1200 SHOVELHEAD	1979-1984	FL, FX (All) w/ elect ign	2410A	Y2410P	.040
1200 SHOVELHEAD	1976-1978	FL, FX (All) w/o elec ign	2403A	Y2403P	.025
1200 SHOVELHEAD	1966-1975	FL, FX 3/8" REACH	2401A	Y2401P	.025
PAN HEAD	1948-1965	FL, FX 3/8" REACH	2401A	Y2401P	.025
1200 EVOLUTION	1986-2006	XLH SPORTSTER	2418	Y2418P	.040
1100 EVOLUTION	1986-1994	XLH SPORTSTER	2418	Y2418P	.040
1000 IRONHEAD	1979-1985	XL (All)	2413	Y2413P	.040
1000 IRONHEAD	1971-1978	XL (All)	2402A	Y2402P	.030
1000 IRONHEAD	1983-1985	XR (All)	2412	Y2412P	.030
900	1957-1971	XL (All)	2402A	Y2402P	.030
900	1948-1952	K MODEL	2402A	Y2402P	.030
883 V-2 EVOLUTION	1986-2006	XLH (All)	2418	Y2418P	.040

ACCEL SPARK PLUG NUMERIC CROSS REFERENCE					
ACCEL U-Groove	ACCEL Platinum	ACCEL Ref. No.	Champion	Harley-Davidson® Ref. No.	Part No.
2401	—	137	J12YC	3	N/A
2401A	Y2401	138	J18YC	3-4	32301-60
2402	—	166	H8/H8C	4R	32301-47A
2402A	Y2402P	168	H10	5	32307-58
2403	—	115	N9YC	5-6	32309-69
2403A	Y2403P	116	N12YC	5A6A	32310-78
2407	—	142	N3C	8	N/A
2409	—	143	N4C	7	N/A
2410*	—	494	RN9YC	5A6	32310-77
2410A*	Y2410P	496	RN12YC	5R6A	32311-83
2412	—	113	N7YC	6R7	32314-83
2413*	Y2413P	453	RL82YC	4R5	32301-80
2418*	Y2418P	882	RA8HC	6R12	32317-86

* indicates Resistor Style Spark Plug

NOTE: ACCEL Reference Number is actual number marked on the spark plug



SPARK PLUGS



SPARK PLUG APPLICATION BY YEAR, MODEL AND OEM SPARK PLUG						
YEAR	MODEL	OEM No.	Standard Heat Range	1 Step Colder Heat Range	1 Step Hotter Heat Range	ACCEL Platinum
SPORTSTER						
1954-1970	XS, XL, XLH, XLCH, XLS XLX 4R 3 5	3-4 2402	2401A 2401	 2402A	 Y2402A	
1971-1979	XS, XL, XLH, XLCH, XLS XLX 4R 5	4R-5	2413 2402	2402A	Y2402A	Y2413P
1980-1985	XS, XL, XLH, XLCH, XLS XLX 4R-5	4R 2413	2402		Y2413P	
1983-1984	XR-100	6R7	2412			
1986-2006	XS, XL, XLH, XLCH, XLS XLX	6R-12	2418			Y2418P
SOFTAIL						
1984-1999	FXST, FXSTS, FLST, FLSTC	5R6A	2410A			Y2410P
1999-2007	ALL TWIN CAM	6R12	2418			Y2418P
DYNA						
1971-1974	FX, FXE, FXEF, FXWG, FXS 3 5	3-4 4R	2401A 2402 2401	 2402A	 Y2402P	
1975-1982	FX, FXE, FXEF, FXWG, FXS 5R6A	5A6A 2410A	2403A		Y2410P	Y2403P
1983-1984	FX, FXE, FXEF, FXWG, FXS 5RL	5R6A		2410A 2417	Y2417P	Y2410P
1985-1986	FX, FXE, FXEF, FXWG, FXS	5R6A	2410A			Y2410P
1982-1983	FXR, FXRS, FXRT, FXRD, FXLR	5RL			2417	Y2417P
1984-1999	FXR, FXRS, FXRT, FXRD, FXLR	5R6A		2410P		Y2410P
1999-2007	ALL TWIN CAM	6R12	2418			Y2418P
TOURING						
1948-1974	FL, FLH 4R 3 5	3-4 2402	2401A 2401	 2402A	 Y2402P	
1975-1982	FL, FLH 5R6A	5A6A 2410A	2403A		Y2410P	Y2403P
1983-1984	FL, FLH 5RL	5R6A		2410A 2417	Y2417P	Y2410P
1980-1983	FLT-FLHT 5RL	5R6A		2410A 2417	Y2417P	Y2410P
1984-1999	FLT-FLHT	5R6A	2410A			Y2410P
1999-2007	ALL TWIN CAM	6R12	2418			Y2418P

SPARK PLUG SHOP PACKS	
Description	P/N
Shop Pack of 24 of 2410A Spark Plugs	SP2410A
Shop Pack of 24 of 2410P Spark Plugs	SP2410P
Shop Pack of 24 of 2418 Spark Plugs	SP2418A
Shop Pack of 24 of 2418P Spark Plugs	SP2418P

When it comes to spark plug wires, the "ACCEL Yellow" is famous worldwide for its winning ways in decades of Motorsports competition. ACCEL applies that same winning technology to the most complete line of spark plug wires in the motorcycle world.

300+ Race Wire

300+ Race Wires provide the peak ignition output you need for race-winning or maximum street performance. The extra thick 8.8mm silicone jacket and silicon insulation eliminate electrical "leakage" or RFI interference that interrupts control modules. 300+ Wire delivers peak performance even at high temperatures over 550 degrees F. 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/ft. resistance of the Ferro-Spiral core material deliver maximum spark energy to the spark plugs without diminishing or suppressing the spark energy. 300+ Wire is available in custom fit sets that are ready for easy installation as well as universal fit sets for dual plug heads and other special applications. ACCEL 300+ Wire is recommended for use on points-style and electronic ignition motorcycles. Universal sets include easy installation instructions and a complete hardware kit.

S/S Ferro-Spiral Core

The newest addition to the ACCEL wire lineup, the new S/S wire sets feature the same great features as the 300+ Series such as a extra thick 8mm silicone jacket and silicon insulation eliminate electrical "leakage" or RFI interference that interrupts electronic ignitions and especially the Delphi® fuel injection systems found on many Twin-Cam® motorcycles. S/S Wire can deliver up to 5 TIMES more peak energy than "Screaming Eagle®" wire sets and it can do it even at high temperatures over 500 degrees F. 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 500 Ohms/ft. resistance Ferro-Spiral core material deliver 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 Wire is 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 all carbureted and fuel injected motorcycles and are available in 4 colors- Blue, Black, Red, and Yellow.

ACCEL 8.8 Custom Fit Ignition Wire Sets

ACCEL's ready-to-install custom fit wire sets provide improved performance, both electrically and mechanically. For street or racetrack use, ACCEL 8.8 provides the ultimate in ignition wire performance. Extra-thick silicone jacket covers strong fiberglass braid that covers another layer o premium silicone. All of this covers our high capacity conductors – either STAINLESS STEEL/SILVER-PLATED combination, which improves electrical conductivity and mechanical strength, or GRAPHITE RFI SUPPRESSION for use on Harleys with electronic ignition to prevent damage to the control modules. At the plug end, positive locking stainless steel terminals lock onto the spark plug to assure a secure installation. High dielectric strength silicone spark plug boots provide excellent insulation, preventing arcing to the cylinder heads. At the coil end, high conductivity brass coil terminals and leak proof, weatherproof boots are factory installed to assure easy installation. The custom fit 8.8 wire sets are available in either yellow or black.

Armor Shield Wire Sets

Take a set of our premium 8mm graphite suppression core spark plug wires and wrap them in our unique Armor Shield braid and you have a wire set that gives you that custom metallic look that matches the braided cables and lines.



SPARK PLUG WIRES



CUSTOM FIT WIRE SETS						
YEAR	MODEL	300+	8.0 S/S	8.8 YELLOW	8.8 BLACK	ARMOR SHIELD
Buell						
1996-1998	All Models	175096•	171097-B,K,R,Y†			
1999-2008	All Models	175097•				
1999-2008	All Models					
Sportster						
1958-1969	XL, XLCH (with Magneto)	175075		172075*	172075-K*	162075-S
1971-E1978	XLH, XLCH	175074		172074*	172074-K*	162087-S
1979-1985	XL, XLCH, XLX	175074		172072*	172072-K*	162087-S
1979-1982	XLS	175074		172072	172072-K	162087-S
1986-2006	XL Models	175086		172086	172086-K	162086-S
Softail						
1984-1990	Softail® Models	175074	171100-B,K,R,Y†	172072	172072-K	162087-S
1991-1999	Softail® Models	175089		172089	172089-K	
2000-2008	Softail® Models w/Carb	175100•				
2000-2008	Softail® Models w/Carb or FI					
Dyna						
1971-E1978	FX, FXE	175073	171097-B,K,R,Y†	172073	172073-K	162073-S
L1978-1984	FX, FXE-80, FXS	175073		172071	172071-K	162073-S
1982-1994	FXR, FXRS, FXRT	175082		172082	172082-K	162082-S
1983-1984	FXWG	175073		172071	172071-K	162073-S
1985	FXEF, FXSB	175074		172072	172072-K	162087-S
1985-1986	FXWG	175074		172072	172072-K	162087-S
1999-2005	FXD Carb Only	175097•				
1999-2008	FXD Carb or FI					
Touring						
1965-E1978	FL, FLH	175073	171098-B,K,R,Y†	172073*	172073-K*	162073-S
L1978-1984	FLH	175073		172071	172071-K	162073-S
1980-1984	FLT, FLHT, FLHTC, FLTC	175083		172083	172083-K	162083-S
1985-1998	FLT, FLHT Models	175090		172090	172090-K	
1994-1998	FLHR	175091•				
1999-2008	FLH/FLT Dresser Models w/carb	175098•				
1999-2008	FLH/FLT Dresser Models w/carb or FI					

• 8mm Diameter

* Stainless Steel Core - Not for Electronic Ignition Use

† B=Blue, K=Black, R=Red, Y=Yellow





ACCEL Thundersport 5mm Universal Wire Sets

After years of "bigger is better" thinking, ACCEL's 5mm is a radical new way to look at spark plug wire construction. The wire features the same 150 Ohm/ft Ferro-Spiral wound core and 550+ degree rated silicone outer jacket as the 300+ Race Wire sets and is rated to handle in excess of 60,000 volts. The small diameter and extreme flexibility allows it to be routed and hidden in a manner unlike any other spark plug wire! This wire is quickly becoming the favorite of custom bike builders everywhere and is also ideal where something different is called for. The universal sets are suitable for all non-Delphi fuel injection equipped applications. They are available in a choice of 4 colors- blue, black, red, or yellow.

Number of Spark Plugs	Plug Boot Style	5mm Blue Thunder-Sport	5mm Black Thunder-Sport	5mm Red Thunder-Sport	5mm Yellow Thunder-Sport
2	90 Deg	173087-B	173087-K	173087-R	173087-Y



ACCEL 8.8mm Universal Wire Sets

Whether your motorcycle has two or four cylinder, single or dual spark plugs, ACCEL has an 8.8mm wire set for you. Available in 300 +, copper and graphite suppression cores, ACCEL 8.8mm spark plug wires provide the best in performance and reliability for street or racing use. Two 42" wires are provided in the dual plug sets and one 42" wire for the 2 cylinder or single plug sets. Each spark plug end is pre-terminated with either a 90 degree or a pliable "variable" heavy-duty spark plug boot. The easy to install hardware kit includes brass locking terminals with boots for male or female type coil ends and easy to read instructions. ACCEL 8.8mm universal fit wire sets are available in yellow and black: copper and suppression type core, as well as black 300 + type core. Each set comes with a complete hardware kit and ACCEL's famous premium quality.

Number of Spark Plugs	Plug Boot Style	8.8 Yellow 300+ Race Wire	8.8 Yellow Copper Core	8.8 Black Suppression Core	Suppression Core
2	Variable	175095	170083	173085	173085-K
2	90 Deg	175093	170085	173083	173083-K
4	Variable	175092	170082	173084	173084-K
4	90 Deg	175094	170084	173082	173082-K



ACCEL Super Stock Custom Color 8mm Universal Fit Wire Sets

Radical Red and Royal Blue ACCEL wires will make your machine stand out in a crowd. Each set had a 36" premium quality graphite suppression core wire that is terminated on each end with a 90 degree terminal and boot. ACCEL Custom Color Universal fit wire sets include a complete hardware kit and easy to read installation instructions.

Number of Spark Plugs	Plug Boot Style	8mm Royal Blue Suppression	8mm Radical Red Suppression
2	90 Deg	173086-B	173086-R

300+ Professional Crimping Tool

The best wire crimping tool available, an absolute must if you make a lot of custom wire sets or wiring. Constructed with a heavy-duty hardened steel frame with molded non-slip hand grips. An adjustable ratchet mechanism produces consistent factory style high quality crimps. The 300+ Crimp Tool is supplied with three removable stripping/crimping die type jaws, one for spark 7-9mm plug wires and two styles for primary wire terminals.

Description	P/N
300+ Professional Crimping Tool w/ 3 sets of dies	170036M



Spoiled Spark Plug Wire

By popular demand we are now selling ACCEL ignition wire in 40 foot rolls or 60 foot spools. Now you can build your own wires for production shops or custom builders requiring long lengths. No more buying automotive kits and trying to make wires only to throw half of it away.

Description	P/N
8.8MM Yellow RFI Suppression Carbon Core- 60' Spool	160096M
8.8MM Black 300+ Race Wire Spiral Core- 60' Spool	160097M
5MM Black Thursport Spiral Core Wire- 50' Roll	160089M



Terminal and Boot Packs

The perfect match for the spoiled wire we sell, we also offer 10 packs of a variety of popular boots and terminals.

Description	Wire Size	P/N
90 Degree Spark Plug Boots w/ Terminals	8.8-9MM	22911
Vari-angle Spark Plug Boots w/ Terminals		
-Boots are straight and can bend and hold any angle	8.8-9MM	22946
90 Degree Spark Plug Boots w/ Terminals	7-8MM	24170
Straight Ignition Coil Boots w/ Terminals	8.8-9MM	24130
90 Degree Ignition Coil Boots w/ Terminals	8.8-9MM	24140
Straight Ignition Coil Boots w/ Terminals	7-8MM	24150
Straight Twin Cam Style Coil Boots w/ Terminals (A-BITS)	7-8MM	24160



Pro Sleeve

Bright yellow silicone impregnated fiberglass braid slips over ACCEL ignition Wire for extra voltage, abrasion and temperature protection. Packaged in a convenient 25 ft. roll.

Description	P/N
Yellow Pro Sleeve for 8.8-10MM Ignition Wire- 25' Roll	170071M



Pro Tape

Pro Tape is a non-adhesive, self-vulcanizing silicone tape that actually bonds itself to silicone boots and wire jacket for a perfect seal.

Description	P/N
Yellow Pro Tape Self Vulcanizing- 12' Roll	170071M



ACCEL's famous Super Coil line-up is expanding. They are now available in a variety of finishes to add just the right touch to your motorcycle. The Power Pulse Coil adds plenty of extra spark to points triggered ignition systems.



Dual Fire Super Coils

ACCEL's Dual Fire Super Coils are designed to deliver the maximum amount of spark energy, faster rise times, and most importantly, 45% higher voltage to the pugs than the OEM coil. They are designed to mount in most stock locations and will fit under most OEM and aftermarket coil covers. There are 2 models to cover both point-triggered ignitions and modern electronic ignitions. Like all ACCEL Super Coils, they carry ACCEL's famous Lifetime Replacement Warranty. Available in traditional ACCEL yellow, stealth black, and our new chrome like finish for extra shine.

Year	Model	Ignition Type	Primary Resistance	Yellow P/N	Black P/N	Chrome P/N
1965-1979	All	Points Type	4.7 Ohms	140406	140406BK	140406CH
1980-Present	All	Electronic	2.3 Ohms	140407	140407BK	140407CH

Single Fire Super Coils

ACCEL's new single fire Super Coil delivers all of the great features of its dual fire brothers like faster rise time, higher voltage, and maximum spark energy to the spark plug. Like all ACCEL Super Coils, the single fire model carries ACCEL's famous Lifetime Replacement Warranty. Available in traditional ACCEL yellow, stealth black, and our new chrome like finish for extra shine.

Year	Model	Ignition Type	Primary Resistance	Yellow P/N	Black P/N	Chrome P/N
1936-1999	All Except TC	Single Fire	3.0 Ohms	140408	140408BK	140408CH

Power Pulse Coil

Molded in ACCEL yellow, impact resistant thermoplastic, the ACCEL Power Pulse Coil features everything your V-Twin needs from a coil- higher spark voltage, faster rise time, and longer spark duration. Like all coils, they will deliver the most when you match them up with a full array of ACCEL ignition components such as 8.8 wires, spark plugs, and one of ACCEL's premium point set.

Year	Model	Ignition Type	Primary Resistance	Yellow P/N	Black P/N
1965-1977	All 12 Volt	Points	4.2 Ohms	140402	140402BK

Super Single Fire System

Now you can have a balanced performance ignition system that is designed to make the most horsepower without mixing and matching components. 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 that adjustable Ignition Module, the new 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.



Year	Model and Description	P/N
1971-1982	Sportster Models with timing rotor	35410
1983-2003	Sportster Models	35410
1970-1983	Big Twin Models with timing rotor	35410
1984-1999	Big Twin Models except Twin Cam	35410

Super Coil Kit for Universal Harley-Davidson®

This high output coil is designed to be used specifically on Harley-Davidson. The higher that stock output of this coil can be used on either point triggered ignition or electronic systems. The kit comes with mounting brackets and our highest quality 8.8mm suppression core wire.



Year	Model	Primary Resistance	Ignition Type	P/N
1965-1977	XL, FL, FX	3.0Ω	Points	140405
1978-1999	XL, FL, FX Except Single Fire and Twin Cam	3.0Ω	Electronic	140405

Super Coil Kits for Universal Applications

These high output coils are intended for use on either 2 or 4 cylinder motorcycles. Motorcycles that are point or electronically triggered, utilizing inductive discharge type ignition systems would use 140403 or 140403S.

Motorcycles equipped with capacitive discharge ignition (CDI) will really come alive when equipped ACCEL's Super Coil for CDI applications 140404 or 140404S. ACCEL's engineers designed this coil's special low resistance primary winding to march operating characteristics of factory installed and aftermarket CDI systems, getting maximum performance with fast rise times.



NOTE: Using the wrong coil may damage your motorcycle's electronic ignition module. To determine the ignition type, perform the following test:

1. Determine that the coil you are replacing is a twin tower coil. (These coils will not replace signed tower coils).
2. Using a volt meter or 12 volt test light, hook positive lead to position post and negative to ground on one of the stock coils.
3. Turn on ignition but DO NOT engage the starter button.
4. If there are 12 volts at the coil, the motorcycle has inductive type ignition. If there is no voltage at the coil then the motorcycle has a capacitive discharge ignition (CDI) because the power goes to the control box first.

Model	Ignition Type	Primary Resistance	P/N
2 Cyl (1 Coil Kit)	Inductive (non Capacitive Discharge)	3.0 Ohms	140403S
4 Cyl (2 Coil Kit)	Inductive (non Capacitive Discharge)	3.0 Ohms	140403
2 Cyl (1 Coil Kit)	Capacitive Discharge Ignition	0.7 Ohms	140404S
4 Cyl (2 Coil Kit)	Capacitive Discharge Ignition	0.7 Ohms	140404

Single/Dual Fire Ignition

No longer do you have to change modules when you want to switch from dual fire to single fire on your V-Twin. Just install the appropriate coil or coils, flip the switch on the module and you are ready to go. You can choose from 14 pre-designed advance curves that cover everything from a stock engine to a all out high compression monster. The module also features on board rev limiting, an LED for easy static timing, and is designed to work with or without V.O.E.S. input. The machined aluminum housing offers superior heat sink capabilities and at the same time is more rigid than competitors' plastic shells.

Year	Model	P/N
1970-1983	Big Twin models with timing rotor	35496
1984-1999	Big Twin models except Twin Cam	35496
1971-1982	Sportster models with timing rotor	35496
1993-2003	Sportster Models	35496



BY ACCEL MOTORCYCLE PRODUCTS

Electronic Advance Distributor w/Rev Limiting by Mallory

Now enjoy all the benefits of modern electronic advance ignitions in early distributor equipped Big Twins and Sportsters. With these Mallory distributors give you the option of running either Single Fire or Dual Fire mode when matched up with the appropriate coil. You can choose from 14 pre-designed advance curves that cover everything from a stock engine to a all out high compression monster. The module also features on board rev limiting, an LED for easy static timing, and is designed to work with or without V.O.E.S. input. The machined aluminum housing offers superior heat sink capabilities yet can still be installed without disassembling the engine if stock heads & barrels are used.

Year	Model	P/N
1936-1969	Big Twin Models	A557
1952-1970	Sportster Models	A577



BY ACCEL MOTORCYCLE PRODUCTS

E-Spark® Distributors by Mallory

For faster, easier starting, Mallory's new 12 volt electronic ignition system delivers performance and reliability at an affordable price. These units are a drop in for 1936-69 Big Twin and 1952-1970 Sportster Harley-Davidsons (when using stock heads, no head removal is required). This billet distributor utilizes the rugged E-Spark Ignition Module and the same bullet-proof fully adjustable mechanical advance used in many of the Mallory automotive distributors. Complete with detailed instructions and wiring harness.

Year	Model	P/N
1936-1969	Big Twin Models	A556
1952-1970	Sportster Models	A576





BY ACCEL MOTORCYCLE PRODUCTS

E-Spark® Breakerless Conversion Kits

Mallory's E-Spark Breakerless Conversion Kit provides a simple conversion from breaker points in Big Twin Sportster and models converted to mechanical advance and points. The self contained E-Spark module assembly has no moving parts to wear out.

How does it work? The E-Spark Conversion is a dual fire system. The points are replaced by the E-Spark module that consists of an integrated photo coupler, a signal processor and a power switch. Each time that shutter wheel stops that infrared light from reaching the photo coupler, the electronic circuitry energizes that ignition coil. When the shutter wheel allows that infrared light to reach the photo coupler, the electronic circuitry allows the stored energy in the ignition coil to discharge.

Using Mallory's time tested breakerless ignition circuit, combined with modern surface mount Thermal-Clad construction, the Mallory E-Spark Breakerless Conversion Kit can drive any ignition coil or combination of ignition coils with a total primary resistance of at least 2.0 ohms. We recommend ignition coils with 2.0 – 3.0 ohms for racing applications and ignition coils with 3.0 – 4.0 ohms for street and highway use. Converting to the E-Spark Breakerless Ignition is as easy as a three-wire connection. If your OEM advance is starting to show it's age, we recommend you install a new ACCEL Advance Weight Assembly, part number 8506.



Does not include mechanical advance unit.
See part #8506, page 15.

Year	Model	P/N
1970-1978	Big Twin Models	A554
1979-1995	Big Twin Models converted to points and mechanical advance	A554
1971-1978	Sportster Models	A566



BY ACCEL MOTORCYCLE PRODUCTS

Replacement E-Spark® Module

This genuine Mallory E-Spark module can be used to replace both older UniLite and E-Spark modules currently used in the Mallory distributors and conversion kits. It is packaged complete with installation instructions and coil recommendations.

Year	Model	P/N
All	E-Spark Distributors and Conversion Kits	A605





Performance Tune-Up Kits

ACCEL's famous high performance 32 oz. Points are combined with ACCEL premium condensers to provide you with ultimate tune-up kits for your Harley. Premium materials, stringent quality control and tough testing assure that you get peak ignition performance and reliable service.

Year	Model	P/N
1948-1969	1200cc (74 ci)	8401
1958-1969	900cc (55 ci) XLCH w/Mag	8402
1970-E1978	FLH, FX	8400
1971-E1978	XL	8400



Performance Tune-Up Kit with Spark Plugs

These high performance Tune-Up Kits include points, condenser and ACCEL U-Groove Spark Plugs. Their patented design allows you to get the most out of your tune-up.

Year	Model	P/N
1948-1969	FL, FLH Pan/Shovelhead	8406
1957-1970	XL, XLH	8409
1958-1969	XLCH w/Magneto	8410
1970-1974	FL, FLH Shovelhead	8407
1970-1974	FX, FXE Shovelhead	8407
1971-E1978	XL Models	8411
1975-E1978	FL, FLH, FX, FXE 3/4" reach plug	8408



Points Conversion Kit

This new Points Conversion Kit comes with ACCEL's heavy-duty points and conventional can-style condenser. ACCEL's reliable advance mechanism and extra-thick breaker plate assure high power, high RPM performance.

Year	Model	P/N
1970-E1978	FL Performance Upgrade	8505
1971-E1978	FX, XL Performance Upgrade	8505
L1978-1999	All HD Twins w/Electronic Ignition- To convert to points- Ex TC	8505

Performance Points and Condensers

ACCEL's 23 oz. 111129 heavy-duty Points Sets are built with high quality materials to assure long life. Our high performance 32 oz. 111130 Hi-Rev Point Sets eliminate point bounce and float for crisp, accurate spark at extremely high engine speeds. ACCEL's 111131 Condenser "cushions" primary current to provide extended point life. Its high capacitance mylar/foil construction eliminates internal shorting.

Year	Model	OEM P/N	P/N
Point Sets			
1958-1969	XLCH	29533-55A	111132
1970-E1978	FL, FLH (standard 23 oz.)	32661-70	111129
1970-E1978	FL, FLH (high perf 32 oz.)	32661-70	111130
1970-E1978	FX (standard 23 oz.)	32661-70	111129
1970-E1978	FX (high perf 32 oz.)	32661-70	111130
1971-E1978	XL, XLCH (standard 23 oz.)	32661-70	111129
1971-E1978	XL, XLCH (high perf 32 oz.)	32661-70	111130
Condenser			
1941-E1978	FL, FLH	32726-30A	111131
1941-E1978	FX	32726-30A	111131
1954-E1978	XL	32726-30A	111131



Advance Weight Assembly

Repair or replace your aging, inadequate advance weights mechanism with this premium quality ACCEL assembly. This reliable advance assembly comes complete with a precision ground breaker cam and installation instructions.

Year	Model	Application	P/N
1970-E1978	FL	Performance Upgrade or Repair	8506
1971-E1978	FX, XL	Performance Upgrade or Repair	8506
1978-1999	All Harley® Twins w/ Electronic Ign. (ex. TC)	Conversion to Points	8506

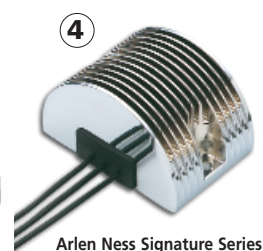
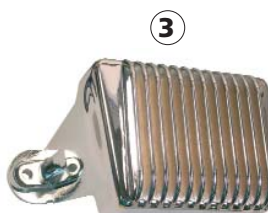
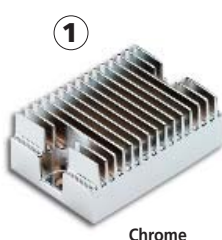


ACCEL Hybrid Design Voltage Regulators

ACCEL Electronic Voltage Regulators are available for most Harley-Davidson applications and do not require any re-wiring or special mounting. Heavy-duty solid state circuitry and years of technology produce a regulator that has quality second to none and reliability that you can depend on year after year. All solid state regulators are available in black and chrome. They are covered by a limited replacement warranty.



Year	Model	Comments	OEM P/N	Black P/N	Chrome P/N	Connector
Sportster						
1952-1964	KH, XL, XLH	Repl. 6 Volt Mech. - w/6V Gen	74508-85, 74510-59, 74510-47	201103B	201103C	I/1
1967-1977	All Sportster	w/ 12V Generator	74510-65, 74510-64, 74507-85A	201104B	201104C	
1977-1981	All Sportster	w/ 12V Generator	74504-78	201102B	201102C	J/1
1982-1984	All Sportster	w/ 12V Generator	74504-82	201117B	201117C	K/1
1984-1985	All Sportster	w/ 19 Amp Alt	74523-84	201128B	201128C	E/1
1984-1990	All Sportster	w/ 19 Amp Alt	74523-84A	201121B	201121C	E/1
1992-1993	All Sportster	w/ 22 Amp Alt	74523-91	201123B	201123C	E/1
1992-1993	All Sportster	w/ 22 Amp Alt	74523-92	201129B	201129C	E/1
1994-2003	All Sportster	w/ 22 Amp Alt	74523-94	201130B	201130C	F/1
2004-2007	All Sportster	w/ 22 Amp Alt	74523-04		201137C	
Softail						
1986-1988	All	w/ 22 Amp Alt	74515-86, 74512-84, 74513-85, 74516-86, 74513-82A	201118B	201118C	B/1
1989-1999	All	w/ 32 Amp Alt	74519-88	201122B	201122C	D/1
2000	All	w/ 38 Amp Alt	74512-00	201124B	201124C	G/1
2001-2007	All	w/ 38 Amp Alt	74540-01	201126B	201126C	H/2
2007	All		74540-07		201131C	
Dyna						
1970-1975	FX, FXE	w/ 15 Amp Alt	74510-70A	201100B	201100C	C/1
1976-1980						
1981-1985	FX, FXE, FXEF	w/ 22 Amp Alt	74516-86	201118B	201118C	B/1
1981-1986	FXWG	w/ 22 Amp Alt	74516-86	201118B	201118C	B/1
1982-1988	FXR, FXRS, FXRP, FXRT	w/ 22 Amp Alt	74513-82A	201118B	201118C	B/1
1989-1999	All	w/ 32 Amp Alt	74519-88	201122B	201122C	D/1
1999	All Twin Cam	w/ 38 Amp Alt	74518-99A	201125B	201125C	G/1
2000-2003	All	w/ 38 Amp Alt	74540-01	201126B	201126C	H/2
2004-2005	All		74641-04		201132C	
2006-2007	All	w/ 45/60 Amp Alt	74631-06		201133C	
Touring						
1970-1975	FL	w/ 15 Amp Alt	74510-70A	201100B	201100C	C/1
1976-1980	FL, FLH, FLT	w/ 17.8 Amp Alt	74510-75A, 74512-79, 77510-75	201101B	201101C	A/1
1981-1984	FLH 80	w/ 22 Amp Alt	74515-86, 74512-84, 74513-85, 74516-86, 74513-82A	201118B	201118C	B/1
1981-1988	FLT, FLHT	w/ 22 Amp Alt	74515-86, 74512-84, 74513-85, 74516-86, 74513-82A	201118B	201118C	B/1
1989-1999	All Evo Ex EFI, 97up FLT	w/ 32 Amp Alt	74519-88	201122B	201122C	D/1
1997-2001	FLHT	w/ 38 Amp Alt	74505-97	201127B	201127C	G/3
1999-2001	FLHR, FLT	w/ 38 Amp Alt	74505-97	201127B	201127C	G/3
2002-2003	All		74505-02		201134C	
2004-2005	All		74505-04		201135C	
2006-2007	All		74505-06		201136C	



Electro-Mechanical Voltage Regulators (Delco® Type)

ACCEL Delco type Electro-Mechanical Voltage Regulators provides precise control of charging system voltage for maximum performance and reliability. Available in chrome-plated or black enamel, ACCEL regulators are set to OEM factory specifications. Heavy-duty shock mounted bases, special vibration resistant internal connections, fiber and mylar insulating pads, and large diameter contact surfaces distinguish American-made ACCEL regulators from cheap imported imitations. Chrome regulators are blister-packaged for attractive display.



Year	Model	Engine Size	OEM P/N	Charging System	Black P/N	Chrome P/N
6 Volt Generators						
1952-1964	K, XL	900cc	74510-47A	6V Generator	201106	201106C
1958-1964	FL, FLH	1200cc	74510-47A	6V Generator	201106	201106C
12 Volt Generators						
1965-1969	FL, FLH	1200cc	74510-64	12V Generator	201105	201105C
1965-1977	XLH	900cc/1000cc	74510-64	12V Generator	201105	201105C

Electro-Mechanical Voltage Regulators (Bosch® Type)

ACCEL's American-made Bosch type Voltage Regulators features shock mounting, OEM-style covers and heavy-duty internal components for peak charging system performance. Available in chrome-plated or black enamel, ACCEL regulators are set to OEM factory specifications.



Year	Model	Engine Size	OEM P/N	Charging System	Black P/N	Chrome P/N
12 Volt Generators						
1965-1966	XLH	900cc	74511-65	12V Generator	201107	201107C
1965-1977	XLCH	900cc/1000cc	74511-65	12V Generator	201107	201107C

Universal Regulator Mounting Bracket

ACCEL's universal mounting bracket allows you to install a electronic voltage regulator on early model bikes and custom frames for improved charging system performance.

Description	P/N
Universal Regulator Mounting Bracket - Chrome	151100





ACCEL Lectric Stators

Made from the finest components available, these high quality ACCEL Stators are precision machine-wound and produce the highest output possible. The windings are then coated to maintain isolation of the pure copper windings from potential grounding sources. Some part numbers are available in an overmolded configuration for maximum isolation. As always, ACCEL believes in providing the highest quality products and backs each stator with a limited lifetime replacement warranty.

Year	Model	OEM P/N	Charging System	Connector	P/N
Sportster					
1985-1990	All Sportster	29967-84	19 Amp Alternator	E	152105 Molded
1990-1995	All Sportster	29967-84A	19 Amp Alternator	E	152106 Unmolded
1991-1993	All Sportster	29967-89A	22 Amp Alternator	E	152108 Unmolded
Softail					
1985-1988	All	28865-81	22 Amp Alternator	B	152103 Molded
1985-1988	All	28865-81A	22 Amp Alternator	B	152104 Unmolded
1989-1999	All	29970-88A	32 Amp Alternator	D	152107 Unmolded
2000-	All	29951-99	38 Amp Alternator	L	152109 Unmolded
2001-2006	All	30017-01	38 Amp Alternator		152111 Unmolded
2007-	All	30017-07			152112 Unmolded
Dyna					
1991-1999	All	29970-88A	32 Amp Alternator	D	152107 Unmolded
2000-2003	All	29951-99	38 Amp Alternator	L	152109 Unmolded
2004-2006	All	30017-01	38 Amp Alternator		152111 Unmolded
2007-	All	30017-07			152112 Unmolded
Touring					
1970-1975	All	29965-70	15 Amp Alternator	C	152101 Unmolded
1976-1980	All	29965-75	17.8 Amp Alternator	A	152102 Molded
1981-1988	All	28865-81	22 Amp Alternator	B	152103 Molded
1981-1988	All	28865-81A	22 Amp Alternator	B	152104 Unmolded
1989-1999	All	29970-88A	32 Amp Alternator ex. EFI	D	152107 Unmolded
1997-2001	FLHT	29987-97	38 Amp Alternator	M	152110 Unmolded
1999-2001	FLHR, FLT	29987-97	38 Amp Alternator	M	152110 Unmolded
2002-2005	All	29987-02	45 Amp Alternator		152114 Unmolded
2006-	All	29987-06	45 Amp Alternator- 3 Phase		152115 Unmolded

NOTE: See Page 16 for Regulator Connector Photos

ACCEL Lectric Rotors

The ACCEL Heavy Duty Lectric Rotor works for all charging systems up to 32 amps. Its magnets are enclosed by stainless steel to protect against dislodging, and a super thick housing and splines eliminate the possibility of cracking. The perfect complement to our Lectric Stators!



Year	Model	OEM P/N	Charging System	P/N
Softail				
1991-2000	Ex Twin Cam	29957-81	32 Amp Alternator	152100
2000-2006	Twin Cam	29981-95	38 Amp Alternator	152201
2007-		40356-07		152202
Dyna				
1991-1999	Ex Twin Cam	29957-81	32 Amp Alternator	152100
2000-2003	Twin Cam	29957-81	38 Amp Alternator	152100
2004-2005	Twin Cam	29981-95	38 Amp Alternator	152201
2007-	Twin Cam	40356-07		152202
Touring				
2000-2005	Twin Cam	29981-95	45 Amp Alternator	152201
2006-	Twin Cam	29987-06	45 Amp Alternator- 3 Phase	152203

ACCEL Lectric Charging System Kits

What better way to insure plenty of juice when you need it than to install a complete Charging System Kit featuring the top quality ACCEL components and our famous lifetime replacement warranty.

Year	Description	P/N
1991-1999	32 Amp System for All EVO Softail and Dyna Big Twins except Twin Cam	152300
2001-2006	38 Amp System for all Twin Cam Equipped Softails	152304



Generator Armatures

ACCEL's precision-machined generator armatures are engineered for peak charging system output on demand. Super-duty laminations generate high magnetic flux. Heavy gauge copper windings provide extended durability under current conditions.

Year	Model	OEM P/N	Gen Model	Voltage	P/N
1965-1969	FL, FLH	30851-65A	64, 65, 65A 2 BRUSH	12 Volt	151301
1965-1971	XL, XLH, XLCH	30851-65A	64, 65, 65A 2 BRUSH	12 Volt	151301
1972-1981	XLH, XLCH, XLT, XLS	30851-65A	64, 65, 65A 2 BRUSH	12 Volt	151301



Generator Field Coils

Warp-free laminates, heavy-gauge copper wire, and wrapped cloth insulation are used for maximum charging output. These field coils can be used with ACCEL or OEM generator armatures.

Year	Model	OEM P/N	Gen Model	Voltage	P/N
1965-1969	FL, FLH	30201-65	64, 65, 65A 2 BRUSH	12 Volt	151303
1965-1971	XL, XLH, XLCH	30201-65	64, 65, 65A 2 BRUSH	12 Volt	151303
1972-1981	XLH, XLCH, XLT, XLS	30201-65	64, 65, 65A 2 BRUSH	12 Volt	151303



Generator Brush Sets

ACCEL's generator brush sets are manufactured with pressure molded, precision ground carbon-graphite material for perfect fit and extended durability. Positive commutator contact is assured using braided copper leads and premium grade springs.

Year	Model	OEM P/N	Gen Model	Voltage	P/N
1932-1952	G, W, WL, WLA, F/Head 45ci	30425-32	32	6 Volt	192302
1937-1947	U, UL Flathead 74ci	30425-32	32	6 Volt	192302
1937-1948	UH, UHL Flathead	30425-32	32 3 Brush Gen Only	6 Volt	192302
1941-1947	E, F, FL Knuckelhead	30425-32	32	6 Volt	192302
1948-1952	FL, FLH Panhead	30425-32	32	6 Volt	192302
1952-1956	All "K" Series	30425-51	52	6 Volt	192301
1952-1957	FL, FLH	30425-51	52	6 Volt	192301
1958-1964	XL, XLH, XLCH	30426-58	58, 61	6 Volt	192300
1958-1964	FL, FLH	30426-58	58, 61	6 Volt	192300
1965-1969	FL, FLH	30426-58	58, 61	12 Volt	192300
1965-1981	XLH, XLCH, XLS	30426-58	58, 61	12 Volt	192300



Generator Overhaul Kit

Restore you Harley's charging system with ACCEL's Generator Overhaul Kit. This blister packaged kit comes with ACCEL's premium quality generator brushes, double-lip oil seal and UL-approved generator cover gasket.

Year	Model	Gen Model	Voltage	P/N
1958-1960	XL, XLH, XLCH	58	6 Volts	192303
1958	FL, FLH	58	6 Volts	192303
1961-1964	XL, XLH, XLCH	61	6 Volts	192303
1965-1969	FL, FLH	64, 65, 65A	12 Volts	192303





Battery Eliminator

Boost spark voltage at cranking and eliminate flickering light at low engine speeds with ACCEL's Battery Eliminator. Includes shock-resistant mounting clamp and attachment hardware.

Description	P/N
For Battery-less Operation (Use with magneto and generator systems only)	151308

Trouble Shooting Guide-Charging Systems

Check the Stator:

1. Disconnect the regulator from the stator at the terminal inside the crankcase.
2. Check for continuity between either stator pin and the crankcase. Continuity indicates that the stator is grounded and needs to be replaced.
3. Check the resistance between the stator pins. A reading of 0.1 to 0.2 ohms should be present. A lower reading requires that the stator be replaced.

Check the Output:

1. Again disconnect the regulator, and connect a voltmeter set to AC volts across the stator terminals. With the engine running at 2000 rpm, that should be a reading of 32-40 AC volts. The output will increase or decrease 16-20 AC volts for every 1000 rpm.

Check the Current Draw:

1. With all accessories, ignition, and headlamp high beam turned on, read the current draw.
2. The current draw should be at least 3.5 Amps lower than the output listed in the SPECIFICATIONS section of the Harley-Davidson service manual. You may have too many accessories drawing power for the system to handle.
3. Have the Battery Load Tested.

How Do I Polarize My Generator?

1. A generator that is not polarized will burn relay points, cause a dead battery, or damage to the generator.
2. Momentarily touch a jumper wire between the BAT and GEN terminals on the generator.



Starters

New for 2008 is ACCEL's hot lineup of all new Ultra Tork starters. Using nothing but the best parts, ACCEL's starters are backed by an unequalled 5 year warranty. They are available in 1.4 KW and 1.8 KW to start even the meanest V-Twin. See details at accel-motorcycle.com.

Year	Model	Description	P/N
1989-2006	Softail	1.4Kw Black Starter w/Lifetime Clutch	40001B
		1.4Kw Chrome Starter w/Lifetime Clutch	40001C
		1.8Kw Chrome Starter w/Lifetime Clutch	40002C
2007	Softail	1.4Kw Black Starter w/Lifetime Clutch	40005B
		1.4Kw Chrome Starter w/Lifetime Clutch	40005C
1989-2005	Dyna	1.4Kw Black Starter w/Lifetime Clutch	40001B
		1.4Kw Chrome Starter w/Lifetime Clutch	40001C
		1.8Kw Chrome Starter w/Lifetime Clutch	40002C
2006-2007	Dyna	1.4Kw Black Starter w/Lifetime Clutch	40005B
		1.4Kw Chrome Starter w/Lifetime Clutch	40005C
1889-2006	Touring	1.4Kw Black Starter w/Lifetime Clutch	40001B
		1.4Kw Chrome Starter w/Lifetime Clutch	40001C
		1.8Kw Chrome Starter w/Lifetime Clutch	40002C
2007	Touring	1.4Kw Black Starter w/Lifetime Clutch	40005B
		1.4Kw Chrome Starter w/Lifetime Clutch	40005C
1974-1988	All Big Twin	All With Hitachi-Type - Chrome	40003C
1974	XLH	All With Hitachi-Type - Chrome	40003C
1966-1982	FL	All With Prestolite Type - Chrome	40004C
1967-1980	XL	All With Prestolite Type - Chrome	40004C



Starter Solenoids

ACCEL's Starter Solenoids, provide positive starter engagement under the most severe conditions. Permanently-sealed, moisture-proof cases are used to prevent water damage. Hardened steel plungers with high performance contract discs assure maximum durability. High dielectric strength end caps prevent arcing and "burn-through." These premium quality solenoids are available in "show quality" chrome plate (C-suffix) or zinc plate.

SINGLE BRACKET				
Year	Model	OEM P/N	Chrome P/N	Zinc P/N
Sportster				
1967-1978	XLH, XLCR, XLT	71469-65B	40111C	40111
1979-1980	XL	71469-65B	40111C	40111
Softail				
1984-1988	FXST	71469-65B	40111C	40111
Dyna				
1971-1985	FXE, FXEF, FXS	71469-65B	40111C	40111
1979-1985	FXE-80, FXEF-80, FX-80	71469-65B	40111C	40111
1980-1985	FXB	71469-65B	40111C	40111
1983-1985	FXSB	71469-65B	40111C	40111
1985-1986	FXWG	71469-65B	40111C	40111
Touring				
1965-1984	FL, FLH (Ex. FLT)	71469-65B	40111C	40111
DUAL BRACKET				
Year	Model	OEM P/N	Chrome P/N	Zinc P/N
Dyna				
1982-1988	FXR	31489-79B	40114C	40114
1984-1988	FXRP	31489-79B	40114C	40114
Touring				
1980-1988	FLT	31489-79B	40114C	40114
1984-1988	FLT Classic	31489-79B	40114C	40114





Starter Solenoid Repair Kits

ACCEL's Starter Solenoid Repair Kit is equipped with all the parts needed to restore your ACCEL or OEM starter solenoid to original condition. This kit comes with lugs, plunger with spring assembly, bakelite cap and hardware.

Year	Model	Description	P/N
Sportster			
1967-1978	XLH, XLCR, XLT	Repair Kit for OEM 71469-65 and 31489-79B	40112
1979-1980	XL	Repair Kit for OEM 71469-65 and 31489-79B	40112
Softail			
1984-1988	FXST	Repair Kit for OEM 71469-65 and 31489-79B	40112
Dyna			
1971-1985	FXE, FXEF, FXS	Repair Kit for OEM 71469-65 and 31489-79B	40112
1979-1985	FXE-80, FXEF-80, FX-80	Repair Kit for OEM 71469-65 and 31489-79B	40112
1980-1985	FXB	Repair Kit for OEM 71469-65 and 31489-79B	40112
1983-1985	FXSB	Repair Kit for OEM 71469-65 and 31489-79B	40112
1985-1986	FXWG	Repair Kit for OEM 71469-65 and 31489-79B	40112
1982-1988	FXR	Repair Kit for OEM 71469-65 and 31489-79B	40112
1984-1988	FXRP	Repair Kit for OEM 71469-65 and 31489-79B	40112
Touring			
1965-1984	FL, FLH (Ex. FLT)	Repair Kit for OEM 71469-65 and 31489-79B	40112
1980-1988	FLT	Repair Kit for OEM 71469-65 and 31489-79B	40112
1984-1988	FLT Classic	Repair Kit for OEM 71469-65 and 31489-79B	40112



Starter Relay

ACCEL's Starter Relay is equipped with durable heavy-duty contacts, a rugged molded case and is totally sealed from moisture, road dirt, gasoline, etc. to assure reliable starting.

Year	Model	OEM P/N	P/N
Sportster			
1975-1979	XLH, XLT, XLCR	71463-73C	40110
1979	XL, XLCH, XLS	71463-73C	40110
Softail			
1985	FXST, FXSTC	71463-73C	40110
Dyna			
1973-1979	FX	71463-73C	40110
1979	FXE-80, FXEF-80, FX-80	71463-73C	40110
L1984-1985	FXRS, FXRP, FXRT	71463-73C	40110
1985	FXSB, FXEF, FXWG	71463-73C	40110
Touring			
1974-1979	FL, FLH, FLH-80, FLH Classic	71463-73C	40110
1979	FLT	71463-73C	40110
L1984-E1985	FLTC, FLHTC	71463-73C	40110

Starter Relay (Bosch® Style)

This Bosch-style Starter Relay features a new injection-molded case for extended durability and elimination of corrosion. These relays are engineered to handle the high starter current demanded by high performance Harley engines. They work great in stock bikes too!

Year	Model	OEM P/N	P/N
Sportster			
1980-1992	XL	31506-79B	40116
Softail			
1986-1994	All Softail	31506-79B	40116
Dyna			
1980-1984	FX	31506-79B	40116
E1984	FXRS, FXRT	31506-79B	40116
1986	FXWG	31506-79B	40116
1991-1994	All Dyna	31506-79B	40116
Touring			
1980-1984	FL	31506-79B	40116
E1984	FLTC, FLHTC	31506-79B	40116
L1985-1994	FLT	31506-79B	40116
1989-1994	FLTC-U, FLHTC-U	31506-79B (Sound & Intercom System Front Speaker Relay)	40116



Starter Drive

ACCEL's Severe Duty Starter Drives provide superior strength and durability for reliable starting of mild to wild Harleys. Five roller clutches are used to reduce internal stresses. Specially hardened receivers provide smooth reliable starter engagement. Corrosion-resistant stainless steel springs eliminated binding. Precision-ground gears last longer and prevent ring gear damage.

Year	Model	OEM P/N	P/N
Sportster			
1967-1980	XL	31443-65A	151304
Softail			
1965-1988	All Softail	31443-65A	151304
1991-2006	All Softail	31663-90 Late 1.2Kw and 1.4Kw (w/Lifetime Warranty)	151307
Dyna			
1965-1988	FX, FXR	31443-65A	151304
1991-2005	All Dyna	31663-90 Late 1.2Kw and 1.4Kw (w/Lifetime Warranty)	151307
Touring			
1965-1988	FL, FLT	31443-65A	151304
1991-2006	All Touring	31663-90 Late 1.2Kw and 1.4Kw (w/Lifetime Warranty)	151307



Brush and Terminal Set

This ACCEL Starter Brush and Terminal Set restores your Prestolite starter to peak performance.

Year	Model	OEM P/N	P/N
L1966-1982	FL	Prestolite Type Starter - OEM 31541-66	40117
1967-1980	XL	Prestolite Type Starter - OEM 31541-66	40117
1971-1972	FX	Prestolite Type Starter - OEM 31541-66	40117





Starter Field Coil Set (Prestolite® Style)

Rebuild your Prestolite-type starter with ACCEL's Starter Field Coil Set, "Standard Torque" set gives you all the power of a new stock starter with minimum current draw. "High Torque" set is specially wound to provide 20% more cranking torque for stock or modified engines. Each set uses matched sureflex polymer coated coils on sintered metal contact brushes. Made in the U.S.A.

Year	Model	OEM P/N	Standard Torque	High Torque
L1966-1982	FL, FLH, FLH-80	Prestolite Type Starter - OEM 31541-66A	40113	40115
1967-1978	XLH	Prestolite Type Starter - OEM 31541-66A	40113	40115
1979-1980	XL, XLS	Prestolite Type Starter - OEM 31541-66A	40113	40115
1980-E1983	FLT Classic	Prestolite Type Starter - OEM 31541-66A	40113	40115
1982-E1983	FXR, FXRS	Prestolite Type Starter - OEM 31541-66A	40113	40115



ACCEL Gold Battery Cable Sets

Don't get stranded by failing OEM battery cables. ACCEL Gold 2 Cable Sets are the highest possible quality cables that can be made. The 4 gauge cables feature 1667 strands of tin plated copper for extreme flexibility and the highest possible energy flow. The cables are terminated using top-of-the-line gold plated terminals. In addition, the cable is jacketed using high temperature translucent black silicone that resists heat while maintaining maximum flexibility. These premium cable sets are backed with ACCEL's Limited Lifetime Replacement Warranty.

Year	Model	P/N
1989-2007	All Softail	151405
1991-2007	All Sportster	151401
1991-2003	All Dyna	151409
2004-2005	All Dyna	151408
1991-2007	FLT, FLHT, FLHS, Road King 5 Speed	151403



Wire and Hose Sleeve Kits

There is no better way to clean up a bunch of loose wires or to spruce up the look of those black control cables than to cover them in a great looking braided sleeving. Available in 8 different colors, the sleeving is made of UV resistant premium material that resists oil, gasoline and most chemicals while also protecting against abrasion. Each kit includes 10' of 1/4" Sleeving, 10' of 3/8" Sleeving, 5' of 1/2" Sleeving along with heat shrink tubing for that professional looking job.

Color	Description	P/N
Black	Sleeving Kit	2007BK
Blue	Sleeving Kit	2007BL
Carbon	Sleeving Kit	2007CR
Chrome	Sleeving Kit	2007CH
Clear	Sleeving Kit	2007CL
Orange	Sleeving Kit	2007HO
Red	Sleeving Kit	2007RD

Oil Pressure Switch

Protect your Harley's engine with ACCEL's reliable oil pressure switches. Our oil pressure switches are designed to stringent quality control specifications, assuring accurate pressure thresholds. Heavy-duty electrical contacts, brass pressure ferrules, rugged thermoplastic insulators, and corrosion-resistant plated steel shells are used for maximum dependability.

Year	Model	OEM P/N	P/N
Sportster			
L1977-1992	XL	26554-77	181103
Dyna			
1971-1984	FX, FXE, FXS1200, FXEF-80, FXS-80, FXB-80, FXWG-80	26552-72	181102
1982-1983	FXR, FXRS, FXRT	26552-72	181102
1984-1985	FXRS, FXRT	26561-84	181104
1984-1986	All FX	26561-84	181104
1986-1992	All FXR	26561-84	181104
1991-1998	All Dyna	26561-84	181104
Softail			
1984-1999	All Softail	26561-84	181104
Touring			
1941-1984	FL, FLHT, FLH-80	26552-72	181102
1980-1983	FL, FLHT	26552-72	181102
1984-1985	FLTClassic, FLHT Classic	26561-84	181104



Liquid Filled Oil Pressure Gauge

ACCEL's new 1/8" NPT rear mount liquid filled pressure gauges are premium quality all the way. The top of the 1-1/2" housing holds a pure glass lens that will not melt, distort, or fade. The housing is stainless steels and the solid brass internals are bathed in a vibration dampening glycerin.

Range	Description	P/N
0-60 PSI	Oil Pressure Gauge	7121A
0-100 PSI	Oil Pressure Gauge	7122



Stop Light Switches

ACCEL's American-made Stoplight Switches feature heavy-duty contacts, high conductivity brass terminals, bright plated housings and rugged molded insulators to assure reliable performance under any conditions.

Year	Model	Engine Size	OEM P/N	P/N
1951-1973	Servi Car	750cc/45 ci	72002-51A	181100
1958-1970	FL, FLH	1200cc/74 ci	72002-51A	181100
1971-1972	FX	1200cc/74 ci	72023-51A	181101
1971-1984	FL	1200cc/74ci, 1340cc/80ci	72023-51A	181101
1979-2003	XL	883cc, 1000cc, 1100cc	72023-51A	181101
L1979-1983	FX	1200cc/74ci, 1340cc/80ci	72023-51A	181101
1982-1983	FXR	1340cc/80 cu. in.	72023-51A	181101
L1984-2007	All Except XL	1340cc/80 cu. in., 1450cc/88ci	72023-51A	181101





Wheel Cylinder Repair Kits

These Repair Kits consist of premium grade SBR cups and end seals to restore your wheel cylinders to proper operation. ACCEL's unique patented compression spring is also included, which eliminates the requirement for cup extenders.

Year	Model	OEM P/N	P/N
1951-1973	Servi-Car 45ci.(2 req)	83462-51	33005
1958-1962	FL, FLH	41748-58	33004
1963-1972	FL, FLH	41748-63	33007
1971-1972	FX	41748-63	33007



Rear Wheel Cylinder

ACCEL Rear Wheel Cylinders provide positive brake operation and leak-free performance. The cast iron housings are precision-machined to close tolerances. Heavy-duty SBR (Styrene butadiene rubber) cups and seals are used, located by our unique patented compression spring.

Year	Model	OEM P/N	P/N
1951-1973	Servi-Car 45ci (2 req)	83460-51	33003
1958-1962	FL, FLH	41740-58	33002
1963-1972	FL, FLH	41740-63	33006
1971-1972	FX	41740-63	33006



Bleeder Screws

Bleeding your Harley's brake lines eliminates spongy brakes. ACCEL's precision-machined Bleeder Screws are great for replacing rounded or stripped OEM bleeder screws. Packaged 10 per box.

NOTE: For stripped caliper threads use ACCEL Part #33011

Year	Model	OEM P/N	P/N
1951-1973	Servi-Car 45 (wheel cylinder 2 required)	41749-58	33001
1958-1962	FL, FLH (wheel cylinder)	41749-58	33001
1972-1979	FL Series (disc brake caliper)	41749-58	33001
1973-1977	XL Series (disc brake caliper)	41749-58	33001

Bleeder Screw Repair Kit

Don't replace that brake caliper or wheel cylinder just because the bleeder screw threads are stripped! This unique, precision-fit repair kit is a safe, inexpensive alternative. Display packaged in ACCEL's attractive blister pack, these repair kits come complete with easy-to-understand instructions.

Year	Model	P/N
1958-1962	All FL Models (wheel cylinder)	33011
1958-1979	Side Car (wheel cylinder)	33011
1972-1979	All FL Models (disc brake caliper)	33011
1973-1977	All XL Models (disc brake caliper)	33011



High Temperature Exhaust Wrap

Take advantage of the latest trend and wrap your motorcycle exhaust. Applying this premium wrap will increase power and reduce radiated exhaust heat at the same time. Each kit includes 25 feet of 2 inch wide top quality wrap that can withstand up to 2,000 degrees and 4 extra long stainless steel tie wraps for that finishing touch. Kits are available in either natural tan or black.

Description	P/N
Black Exhaust Wrap Kit w/ 4 ties	2002BK
Natural (Tan) Exhaust Wrap Kit w/ 4 ties	2002TA
Stainless Steel Ties- 14" package of 4	2002SS



AnchorTrax

Here's the perfect choice for securing your motorcycle, ATV or cargo in the bed of a truck or on a trailer. The adjustable tracks make them ideal for tying down a bike in just the right position to keep things secure and still keep the straps from damaging anything. AnchorTrax is designed to provide a 1,000 pound working load limit with a 3,000 pound break strength. The tracks are made from powder-coated 6061 T6 aluminum.

They are available in a complete easy to install kit, requiring just 2 small holes to be drilled in the bed and actually strengthen the bed once installed. The complete kit contains 2 12" sections of track, 2 heavy duty anchors, 2 backer bars, and mounting hardware.

You can also purchase the track section in 6' lengths which are ideal for recessing into the floor of a trailer for the ultimate in flexibility.

Description	P/N
Complete Cargo Kit w/2 12" Bars, Tie Downs & Back Supports	3275M
Separate 6' Track Bar- Each	3276M
Additional Anchor Tie Down Hook- Each	3270M



Custom Exhaust System Kits

Twin Cam, Evo Big Twin and Evo Sportster

Here's everything in one box to build that custom set of 1 3/4" pipes for your Bobber or Chopper. The kit includes everything from the flange back to make it easy to build a set of pipes with an assortment of mandrel bends and straight tubing. The kits even include a complete ACCEL High Temperature Exhaust Wrap Kit for that finishing touch.

CONTENTS:

2- 24" straight pipes	2- 30" long 160 Degree Bends
2- 15" long 30 Degree Bends	2- 3" long Sliders
2- 15" long 45 Degree Bends	6 each- 1 5/8" O.D. Sleeves
2- 15" long 75 Degree Bends	2- 12" long Straight pipes w/ port sleeves

Description	P/N
Complete Kit with Tan Exhaust Wrap	2003TA
Complete Kit with Black Exhaust Wrap	2003BK





300+ Professional Crimping Tool

The best wire crimping tool available, an absolute must if you make a lot of custom wire sets or wiring. Constructed with a heavy-duty hardened steel frame with molded non-slip hand grips. An adjustable ratchet mechanism produces consistent factory style high quality crimps. The 300+ Crimp Tool is supplied with three removable stripping/crimping die type jaws, one for spark 7-9mm plug wires and two styles for primary wire terminals.

Description	P/N
300+ Professional Crimping Tool w/ 3 sets of dies	170036M



Engine Cleaning Brush Set

Each Brush is made from stiff bristle nylon that will not soften or melt when used in conjunction with most engine cleaning solvents. Each handle is made from heavy gauge twisted steel wire to minimize bending, and a convenient loop at the end of each brush provides easy hanging and storage. Contains nine (9) assorted brushes per kit. Brush diameters range from 1/4" to 5".

Description	P/N
Engine Cleaning Brush Kit- Includes 9 brushes	5192M



Fluid Zap®

Tired of spending more time cleaning up after a job than actually doing the work? ACCEL's super absorbent Fluid Zap® pads are the answer. Each pad holds more than 1/2 quart of oil safely and when it is saturated, simply dispose of it, neatly and cleanly. They are available in several ways, from individually packed for retail display, master packs complete with a strip to hang them with, to bulk packs of 150. You can even buy them in a roll of 133 slightly larger pads. Either way, it's the best way to keep your work area clean or to slip under that bike or ATV that keeps trying to mark its territory.

Description	P/N
Individual Fluid Zap Pad- packaged 17" X 23"	1007
Box of 10 Individually Wrapped pads w/ Hanging Strip	1020
Box of 150 bulk pads 17" X 23" each	1003
Roll of 133 pads 18" X 24" each	1023



Spark Plug Indexing Tool

Designed for 14mm spark plugs, this index tool allows the performance engine builder to specify the location of the ground electrode for maximum flame front generation. This tool is knurled for hand-held use or can be mounted in a vise on the machined flats. Constructed of billet aluminum with gold anodized finish and labeled increments for aligning ground electrode. Made in the U.S.A. Use ACCEL #1002M index washers.

Description	P/N
14MM Spark Plug Indexer	1005M



Indexing Washer Kit - 14mm

Soft Copper ACCEL spark plug washers allow the serious engine builder to align the ground electrode as well as adjust plug to piston clearance. Use ACCEL #1005M Index Tool.

Description	P/N
14MM Indexing Washer Kit- 30 Assorted Washers	1002M

Straight High Flow Fuel Spigot

The ACCEL High Flow Fuel Valve Kit assures that your bike will not starve for fuel at high RPM. A 100 micron screen filter, on, off and reserve positions packaged into a show chrome quality housing make the ACCEL High Flow Fuel Valve Kit as easy cure for high RPM fuel starve that can cause detonation and eventual engine failure. ACCEL recommends the installation of a high flow valve with any modification to your motorcycle that increases RPM and acceleration. Air filter, exhaust, camshaft, etc. Made in the U.S.A.

Description	P/N
1971-up All V-Twins with Carburetors - Straight	5105

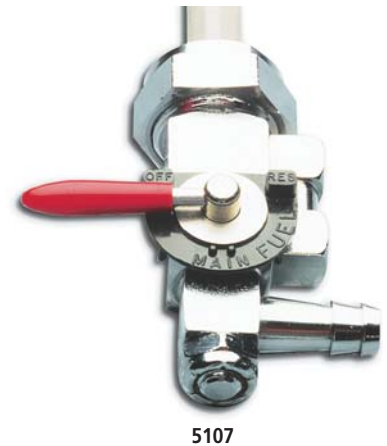


5105

Rotating High Flow Fuel Spigot

The ACCEL High Flow Fuel Valve Kit assure that your bike will not starve for fuel at high RPM with the benefit of positioning the outlet at any angle for custom hose routing. A 100 micron screen filter, on, off and reserve positions packaged into a show chrome quality housing make the ACCEL High Flow Fuel Valve Kit an easy cure for high RPM fuel starve that can cause detonation and eventual engine failure. ACCEL recommends that installation of a high flow valve with any modification to your motorcycle that increases RPM and acceleration. Air filter, exhaust, camshaft etc. Made in the U.S.A.

Description	P/N
1971-up All V-Twins with Carburetors - Rotates Horizontally	5106
1971-up All V-Twins with Carburetors - Rotates Vertically	5107



5107



5106



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CLEVELAND, OHIO
www.accel-motorcycle.com
Printed in China

74375G

