



Custom Fit SPARK PLUG WIRES

8mm S/S Spiral Core Wire

- 8mm, 500 ohms per foot
- Designed specifically for Harley Twin Cam applications
- Compatible with both carbureted and fuel injected systems
- Maximum RFI protection shields sensitive electronics
- Up to 5 times more peak energy than other "performance" wires
- Available in 4 colors- blue, black, red, and yellow
- Custom fit sets are ready to install, no cutting or splicing required



300+ Race Wire

- 8.8mm, 150 ohms per foot
- Designed specifically for race-winning or maximum street performance
- Compatible with both factory and aftermarket electronic ignitions and points
- Delivers peak performance even at temperatures over 550 degrees
- 8mm sets available for carbureted Twin Cam applications, not recommended for EFI systems
- Available in both ready to install custom fit sets and universal kits
- Gloss black



8.8mm Suppression Core and Stainless Core Wire

- 8.8mm, Yellow or Black
- Designed for high performance street or racetrack use
- Stainless steel terminals with premium quality silicone boots
- Suppression core features maximum RFI protection for electronic ignitions
- Use stainless core wire with points or magneto ignitions only
- Available in both ready to install custom fit sets and universal kits



See pages 4-5 for more product & application information!



TABLE OF CONTENTS

SPARK PLUGS	2-3
SPARK PLUG WIRES, CUSTOM FIT	4-5
SPARK PLUG WIRES, UNIVERSAL AND TOOLS	6-7
SUPERCOILS	8-11
IGNITIONS AND DISTRIBUTORS	12-13
STATORS, ROTORS AND CHARGING SYSTEM KITS	14-15
VOLTAGE REGULATORS	16-18
GENERATOR PARTS AND TUNE UP KITS	19-20
STARTERS, RELAYS AND SOLENOIDS	21-23
ELECTRICAL ACCESSORIES AND SWITCHES	24-25
BRAKE PARTS	26
EXHAUST WRAP/HEATSHIELD	27
MR. GASKET SHOP SUPPLIES	28-29
GENERAL ACCESSORIES AND PROMO ITEMS	30-31
TROUBLESHOOTING AND WARRANTY	32-33
NUMERIC INDEX	34

SPARK PLUGS



High Performance Platinum Spark Plugs

- Made from the finest materials available to ensure long trouble free operation
- Premium quality platinum tip is more durable than other plug material
- Maintains proper gap much longer than standard plugs
- Pure copper center electrode for reduced fouling
- Enjoy easier starting, smooth idling, and increased performance
- Sold in 2 packs and 24 ct shop packs

High Performance U-Groove Spark Plugs

- Patented U shaped ground electrode produces a wider, hotter spark
- Heavy duty 5 rib insulators prevent flashover
- High quality copper/nickle alloy electrode
- Highly foul resistant and dissipates heat better than any other material
- Improves engine efficiency and reduces emissions
- Increases throttle response and reduced misfires

Engine	Year	Model	U-Groove	Platinum	ACCEL Ref. No.	HD Ref. No.	Champion	Gap
Twin Cam	1999-2015	All	2418	Y2418P	882	6R12	RA8HC	0.04
1340 Evolution	1983-1999	FL, FX (All)	2410A	Y2410P	496	5R6A	RN12YC	0.04
1340 Shovelhead	1980-1981	FL, FX (All)	2410A	Y2410P	496	5R6A	RN12YC	0.04
1340 Shovelhead	1975-1979	FL, FX	2403A		116	5A6A	N12YC	0.025
1200 Shovelhead	1979-1984	FL, FX (All) w/elect ign	2410A	Y2410P	496	5R6A	RN12YC	0.04
1200 Shovelhead	1976-1978	FL, FX (All) w/o elec ign	2403A		116	5A6A	N12YC	0.025
1200 Shovelhead	1966-1975	FL, FX 3/8" Reach	2401		137	3	J12YC	0.025
Panhead	1948-1965	FL, FX 3/8" Reach	2401		137	3	J12YC	0.025
1200 Evolution	1986-2006	XLH Sportster	2418	Y2418P	882	6R12	RA8HC	
1100 Evolution	1986-1994	XLH Sportster	2418	Y2418P	882	6R12	RA8HC	0.04
883 V-2 Evolution	1986-2013	XLH (All)	2418	Y2418P*	882	6R12		



SPARK PLUGS

Spark Plug Application by Family, Year, and Model

Year	Model	U-Groove	Platinum
Sportster			
1954-1970	XS, XL, XLH, XLCH, XLS, XLX	2401	
1986-2015	XS, XL, XLH, XLCH, XLS, XLX	2418*	Y2418P*
Softail			
1984-1999	FXST, FXSTS, FLST, FLSTC	2410A*	Y2410P*
1999-2015	All Twin Cam	2418*	Y2418P*
Dyna			
1971-1974	FX, FXE, FXEF, FXWG, FXS	2401	
1975-1983	FX, FXE, FXEF, FXWG, FXS	2403A	
1984-2000	FX, FXE, FXEF, FXWG, FXS	2410A*	Y2410P*
1999-2015	All Twin Cam	2418*	Y2418P*
Touring			
1948-1974	FL, FLH	2401	
1975-1982	FL, FLH	2403A	
1983-1999	FL, FLH	2410A*	Y2410P*
1999-2015	All Twin Cam	2418*	Y2418P*

* Denotes Resistor Plug Kit

Spark Plug Shop Packs 24 ct

Description	P/N
2410A Spark Plugs	SP2410A
2410P Spark Plugs (Platinum)	SP2410P
2418 Spark Plugs	SP2418
2418P spark plugs(Platinum)	SP2418P



SPARK PLUG WIRES



8mm S/S Spiral Core Wire

- 8mm, 500 ohms per foot
- Designed specifically for Harley Twin Cam applications
- Compatible with both carbureted and fuel injected systems
- Maximum RFI protection shields sensitive electronics
- Up to 5 times more peak energy than other "performance" wires
- Available in 4 colors- blue, black, red, and yellow
- Custom fit sets are ready to install, no cutting or splicing required



300+ Race Wire

- 8.8mm, 150 ohms per foot
- Designed specifically for race-winning or maximum street performance
- Compatible with both factory and aftermarket electronic ignitions and points
- Delivers peak performance even at temperatures over 550 degrees
- 8mm sets available for carbureted Twin Cam applications, not recommended for EFI systems
- Available in both ready to install custom fit sets and universal kits
- Gloss black



8.8mm Suppression Core and Stainless Core Wire

- 8.8mm, Yellow or Black
- Designed for high performance street or racetrack use
- Stainless steel terminals with premium quality silicone boots
- Suppression core features maximum RFI protection for electronic ignitions
- Use stainless core wire with points or magneto ignitions only
- Available in both ready to install custom fit sets and universal kits

TECH TIP:

Solid core (metal) spark plug wires cannot be used with motorcycles that are equipped with electronic ignitions. They can also cause problems for other electronic systems such as GPS, Audio Systems, etc. Fuel injected engines should use a wire sets designed especially for them such as the ACCEL S/S Wire Sets.

SPARK PLUG WIRES

Custom Fit Wire Sets-Ready to Install

Year	Model	300+	8.0 S/S	8.8 Yellow	8.8 Black
Buell					
1996-1998	All Models	175096^			
1999-2008	All Models w/Carb	175097^			
1999-2008	All Models		171097-B,K,R,Y #		
Sportster					
1958-1969	XL, XLCH (with Magneto)	175075		172075*	172075K*
1971-E1978	XLH, XLCH	175074		172074*	172074K*
1979-1985	XL, XLCH, XLX	175074		172072*	172072K*
1979-1982	XLS	175074		172072*	172072K*
1986-2006	XL Models	175086		172086	172086K
1998-2003	Sportster Sport w/Twin Plug	175099^			
2004-2006	XL Models		171098-B,K,R,Y#		
2007-2015	XL Models		171110-B,K,R,Y#		
2009-2015	XR1200		171112-B,K,R,Y#		
Softail					
1984-1990	Softail ® Models	175074		172072	172072K*
1991-1999	Softail ® Models	175089		172089	172089K
2000-2008	Softail ® Models w/carb	175100^			
2000-2015	Softail ® Models w/carb or FI		171100-B,K,R,Y#		
Dyna					
1971-E1978	FX,FXE	175073		172073*	172073K*
L1978-1984	FX, FXE-80, FXS	175073		172071	172071K
1982-1994	FXR, FXRS, FXRT	175082		172082	172082K
1983-1984	FXWG	175073		172071	172071K
1985	FXEF, FXSB	175074		172072	72072K
1985-1986	FXWG	175074		172072	72072K
1999-2005	FXD Carb only	175097^			
1999-2015	FXD Carb or FI		171097-B,K,R,Y #		
Touring					
1965-E1978	FL, FLH	175073		172073*	172073K*
L1978-1984	FLH	175073		172071	172071K
1980-1984	FLT, FLHT, FLHTC, FLTC	175083		172083	172083K
1985-1998	FLT, FLHT Models	175090		172090	172090K
1994-1998	FLHR	175091^			
1999-2008	All w/carb	175098^			
1999-2008	All w/carb or FI		171098-B,K,R,Y#		
2009-2015	All Models		171111-B,K,R,Y#		

^All Twin Cam kits use 8mm wire

* Stainless Steel Core-Not for Electronic Ignition Use# B=Blue, K=Black, R=Red, Y=Yellow

UNIVERSAL WIRE



173087-Y

5mm Thundersport Universal Wire Sets

- 5mm diameter wire/150 ohms per foot
- Rated to handle in excess of 60,000 volts
- Extremely flexible allowing for custom routing
- Set includes two 60" leads
- 90 deg plug boots and straight coil boots
- A favorite of custom bike builders everywhere
- Not for use in Twin Cam applications

5mm Black	5mm Yellow	5mm Blue	5mm Red
173087-K	173087-Y	173087-B	173087-R



173082

8.8mm Universal Wire Sets

- Premium quality ACCEL 8.8mm ignition wire in universal kits
- Available for 2 and 4 plug applications for electronic and points type ignitions
- Pre terminated with either a 90 deg or variangle heavy duty spark plug boots
- 2 plug kits contain one 42" wire, brass terminals, coil boots and instructions
- 4 plug kits contain two 42" wires, brass terminals, coil boots and instructions
- The ultimate in performance and reliability for street and racing use

Number of Spark Plugs	Plug Boot	Black 300+	8.8mm Yellow	8.8mm Black	8.8mm Yellow*
2	Variangle	175095	173085	173085K	170083*
2	90 deg	175093	173083	173083K	170085*
4	Variangle			173084K	170082*
4	90 deg		173082	173082K	

* Copper core for points/magneto ignitions only.



160097M

160096M

Spooled Spark Plug Wire

- 60 foot spools of Premium Quality ACCEL wire
- Perfect for production shops and custom builders

Description	P/N
8.8mm Yellow Suppression Core Wire 60 ft spool	160096M
8.8mm Black 300+ Race Wire 60 ft spool	160097M

WIRE PARTS

300+ Professional Crimping Tool

- Best wire crimping tool available
- Heavy duty hardened steel frame with non-slip grip
- Adjustable ratchet mechanism produces consistent factory crimps
- Complete with 3 removable stripping/crimping die jaws
- Compatible with 7-9mm plug wires and primary wire terminals

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



Superstock Crimping Tool

- Features a strong steel frame and cushioned hand grip
- Strips spark plug wires and crimps 7-8mm terminals
- Produces a factory style crimp

Description	P/N
Superstock Crimping Tool	170037



Spark Plug Gapping Pliers

- Accurately and consistently gap spark plugs
- Adjustable from .030" to .080"
- Features a strong steel frame and cushioned hand grip

Description	P/N
Spark Plug gapping Pliers	380700



Terminal and Boot Packs

- Perfect match for our 8.8mm spooled wire
- Sold in packs of 10 terminals and boots

Type	Description	Wire Size	P/N
Spark Plug	90 degree	8.8-9mm	22911
Spark Plug	Variangle	8.8-9mm	22946
Spark Plug	90 degree	7-8mm	24170
Ignition Coil	Straight	8.8-9mm	24130
Ignition Coil	90 degree	8.8-9mm	24140
Ignition Coil	Straight	7-8mm	24150
Ignition Coil	Straight Twin-Cam	7-8mm	24160



STEALTH SUPERCOILS



STEALTH SUPERCOIL KITS

The all new ACCEL Stealth SuperCoil is the hottest looking and best performing ignition coil on the market. We've taken proven automotive technology and adopted it to the Harley Twin Cam and Evolution Sportster engines. The ACCEL Stealth SuperCoil eliminates 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. We've utilized high quality Delphi connectors for a simple plug and play installation, no cutting or splicing into your wiring harness. Features include everything you would expect from an ACCEL SuperCoil including faster rise time, higher voltage and maximum spark energy to the plugs. Like all of our SuperCoils, the Stealth SuperCoils are covered by ACCEL's famous limited lifetime warranty.



140411NI

Features and Benefits

- A patent pending design that mounts the coil directly to the spark plug
- Easy installation without cutting or splicing wires
- A cosmetic upgrade for a custom, clean and wireless appearance
- Maximum spark energy directly to the spark plugs
- ACCEL's Limited Lifetime Warranty



140411BC



140414S

STEALTH SUPERCOILS

APPLICATIONS:

For Delphi Fuel Injected Equipped Twin Cam Engines:

Note: Will not fit with Screaming Eagle or most aftermarket cylinder heads

Dyna Models - 2004 thru 2015	P/N
With Natural Finish	140411NI
With Black Finish	140411BI



140411 Natural Finish

Softail Models - 2003 thru 2015	P/N
With Natural Finish	140411NI
With Black Finish	140411BI



140411 Black Finish

Touring Models - 1999 thru 2008	P/N
With Natural Finish	140411NC
With Black Finish	140411BC

Dyna Models - 2009 thru 2015	P/N
With Natural Finish	140411NI
With Black Finish	140411BI

For Delphi Fuel Injected Equipped Evolution-Sportster Engines

Sportster Models - 2007 thru 2015	P/N
With Natural Finish	140414N
With Black Finish	140414B
With Stealth (All Black) Finish	140414S



140414N Natural Finish

Watch for new applications at www.accel-ignition.com

SUPERCOWLS



140410



140409



140406



140408BK



140408CH



140402



140401BK

ACCEL SuperCoils

- The standard by which other coils are measured
- Faster rise times, higher voltage, and maximum spark energy to the plug
- Delivers up to 45% more voltage than OE coils
- Available for both electronic and points triggered ignitions
- Designed to fit in stock locations and under most coil covers
- Covered by ACCEL's famous limited Lifetime Replacement Warranty

Twin Cam SuperCoils

Year	Model	Fuel System	Primary Resistance	Black P/N	Replaces HD P/N
2004-2006	XL	Carburetor	0.5 Ohms	140409	31655-99
1999-2006	Twin Cam	Carburetor	0.5 Ohms	140409	31655-99
2001-2006	Softail	Fuel Injected	0.5 Ohms	140410	31743-01
2004-2005, 2011	Dyna	Fuel Injected	0.5 Ohms	140410	31743-01
2002-2007	Touring	Fuel Injected	0.5 Ohms	140410	31743-01

Dual Fire SuperCoils

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
1980-1998	All	Electronic	2.3 Ohms	140407	140407BK	140407CH

Single Fire SuperCoils

Year	Model	Ignition Type	Primary Resistance	Yellow P/N	Black P/N	Chrome P/N
1936-2006	All except TC	Single Fire	3.0 Ohms	140408	140408BK	140408CH

Power Pulse Coil

Year	Model	Ignition Type	Primary Resistance	Yellow P/N	Black P/N
1965-1977	All 12 Volt	Points	4.2 Ohms	140402	140402BK
	All 12 Volt	Electronic	3.0 Ohms		140401BK

UNIVERSAL COILS

Universal SuperCoils

- High output coils available for 2 and 4 cylinder motorcycles
- Available for both points style and electronic ignitions
- Kits include mounting brackets and high quality 8.8mm suppression core wire
- Get maximum performance for older motorcycles
- Available for Harley Davidson and most metric models
- Please see note below to determine the appropriate coil for your application



SuperCoil Kits for Harley Davidson®

Year	Model	Primary Resistance	Ignition Type	Yellow P/N	Black P/N
1965-1977	XL, FL, FX	3.0 Ohms	Points	140405	140405K
1978-1999	XL, FL, FX except Single fire and Twin Cam	3.0 Ohms	Electronic	140405	140405K

SuperCoil Kits for Universal Applications

Model	Ignition Type	Primary Resistance	Yellow P/N	Black P/N
2 Cylinder (1 Coil Kit)	Inductive (non Capacitive Discharge)	3.0 Ohms	140403S	140403SK
4 Cylinder (2 Coil Kit)	Inductive (non Capacitive Discharge)	3.0 Ohms	140403	140403K
2 Cylinder (1 Coil Kit)	Capacitive Discharge Ignition	.7 Ohms	140404S	140404SK
4 Cylinder (2 Coil Kit)	Capacitive Discharge Ignition	.7 Ohms	140404	140404K

* NOTE: Please test your OEM coils to verify they are within (+/-) 10% of noted ACCEL coil specifications. 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 single 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.



IGNITIONS



Single/Dual Fire Ignition

- Machined Aluminum housing offers superior heat sink capabilities
- Single fire or dual fire compatible when matched with the appropriate coil
- Rugged billet aluminum construction is vibration and moisture proof
- Fully adjustable for stock engines to highly modified machines
- Made in the USA

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



Super Single Fire System

- Finally a complete ignition system in one box, no more mixing and matching components
- Includes 35496 ignition module, 140408 single fire Super Coil, 8.8mm wires and U-Groove spark plugs
- Fully adjustable with 14 pre programmed advance curves
- Features on board rev limiting and an LED light for easy static timing
- Everything you need to upgrade from early points systems or update the non-adjustable OEM electronic unit

Year	Model	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 with Twin Cam	35410





DISTRIBUTORS

Electronic Advance Distributors with Rev Limiting Module

- Finally a modern electronic ignition for early distributor equipped Big Twins and Sportsters
- Single fire or dual fire compatible when matched with the appropriate coil
- Fully adjustable with 14 pre programmed advance curves.
- Features on board rev limiting and an LED light for easy static timing
- Machined Aluminum housing offers superior heat sink capabilities
- Can be installed without engine disassembly when stock cylinders and heads are used
- Made in the USA

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



A577

E-Spark Distributors

- Performance and reliability at an affordable price
- Bullet proof, fully adjustable mechanical advance
- Utilizes the rugged Mallory E-Spark Ignition Module
- Can be used with kickstart applications
- Can be installed without engine disassembly when stock cylinders and heads are used
- Made in the USA

Year	Model	P/N
1936-1969	Big Twin Models	A556
1930-1973	Flathead	A576
1952-1970	Sportster Models	A576

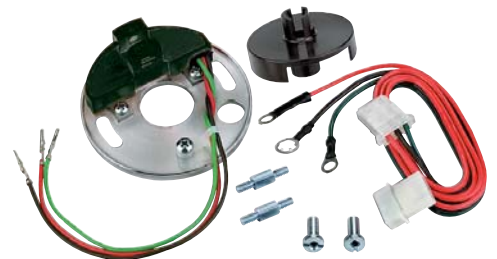


A556

E-Spark Breakerless Conversion Kits

- Simple conversion from breaker points in Big Twin and Sportster models
- Utilizes the rugged Mallory E-Spark Ignition Module
- Self contained E-Spark module has no moving parts to wear out
- Simple 3 wire connection for easy installation
- Requires a 2.0-3.0 ohm coil for racing and a 3.0-4.0 ohm coil for street use

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



A554

Replacement E-Spark Module

- Replacement module available for both E-Spark distributors and E-Spark

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



A605

STATORS

Electric Stators

- Precision machine wound using only the finest components
- Pure copper windings are coated with a high temperature insulation to protect from grounding
- Designed for maximum output and dependable reliability
- All applications feature factory style connectors for plug and play installation
- Covered by ACCEL's famous Limited Lifetime Replacement Warranty

Year	Model	OEM P/N	Charging System	Connector	ACCEL P/N
Sportster					
1985-1990	All Sportster	29967-84	19 Amp Alternator	E	152105*
1990-1995	All Sportster	29967-84A	19 Amp Alternator	E	152106
1991-2000	All Sportster	29967-89A	22 Amp Alternator	E	152108
Softail					
1985-1988	All	28865-81	22 Amp Alternator	B	152103*
1985-1988	All	28865-81A	22 Amp Alternator	B	152104
1989-1999	All	29970-88A	32 Amp Alternator	D	152107
2000	All	29951-99	38 Amp Alternator	L	152109
2001-2006	All	30017-01	38 Amp Alternator	W	152111
2007	All	30017-07	40 Amp Alternator	W	152112
Dyna					
1991-1999	All	29970-88A	32 Amp Alternator	D	152107
2000-2003	All	29951-99	38 Amp Alternator	L	152109
2004-2006	All	30017-01	38 Amp Alternator	W	152111
2007	All	30017-07	40 Amp Alternator	W	152112
Touring					
1970-1975	All	29965-70	15 Amp Alternator	C	152101
1976-1980	All	29965-75	17.8 Amp Alternator	A	152102*
1981-1988	All	28865-81	22 Amp Alternator	B	152103*
1981-1988	All	28865-81A	22 Amp Alternator	B	152104
1989-1999	All	29970-88A	32 Amp Alternator ex. EFI	D	152107
1997-2001	FLHT	29987-97	38 Amp Alternator	M	152110
1999-2001	FLHR, FLT	29987-99	38 Amp Alternator	L	152113
2002-2005	All	29987-02	45 Amp Alternator	V	152114
2006-2009	All	29987-06	50 Amp Alternator-3 Phase	U	152115

*Indicates molded style stator

Note: See page 15 for connector images



ROTORS & CHARGING SYSTEM KITS

Lectric Rotors

- Heavy duty replacement rotors
- High quality magnets enclosed by stainless steel
- Reinforced housing and splines for the ultimate in durability
- Perfect compliment 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
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
Touring				
2000-2005	Twin Cam	29981-95	38 Amp Alternator	152201



Lectric Charging System Kits

- High quality ACCEL stator, rotor, and regulator in one complete kit
- Perfect for OE replacement or to upgrade earlier systems
- Features ACCEL's famous lifetime replacement warranty

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



TECH TIP:

Make sure you read and follow the Trouble Shooting Guide on page 32 before you start replacing your charging system components. That's especially important when you are replacing a separate component.

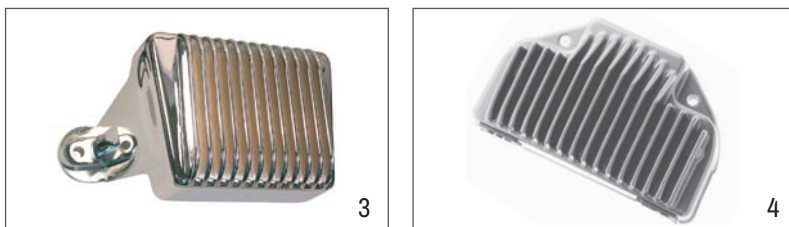
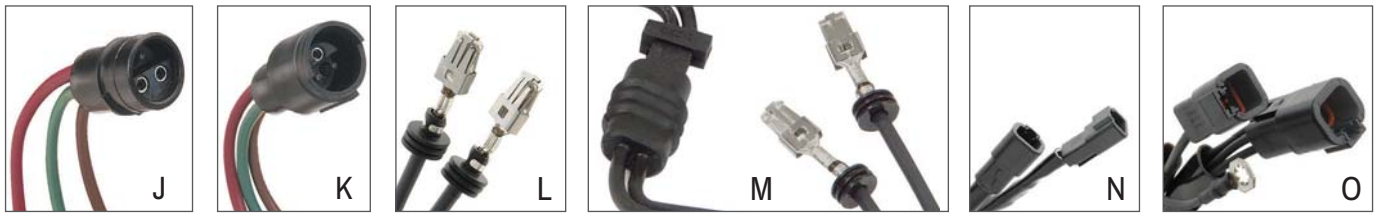
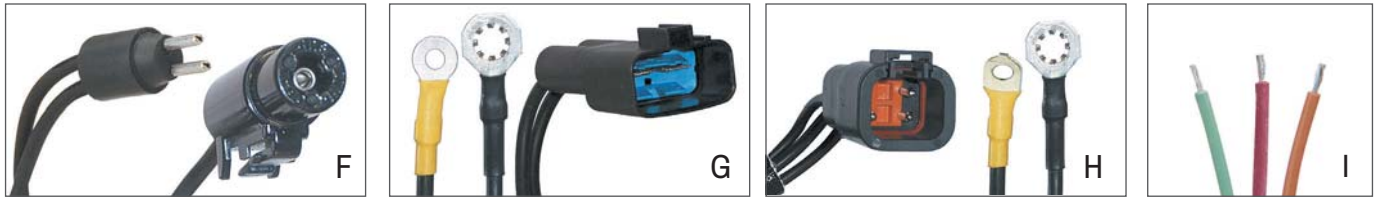
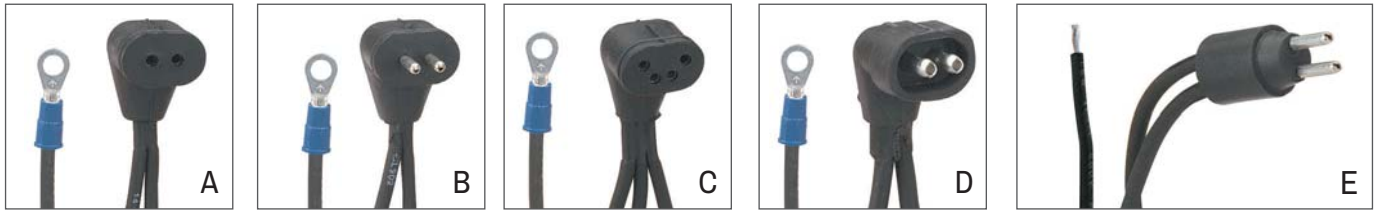
VOLTAGE REGULATORS

Hybrid Design Electric Voltage Regulators

- Produced with Heavy Duty solid state circuitry and years of technology
- Quality and reliability that you can depend on
- All applications feature factory style connectors for plug and play installation
- Available in show chrome and textured black finishes
- Covered by ACCEL's famous limited Lifetime 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, 745-47	201103B	201103C	I/1
1967-1977	All Sportster	w/12V Generator	74510-65, 74510-64, 74507-85A	201104B	201104C	I/1
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
1991	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
2004-2006	All Sportster	w/22 Amp Alt	74523-04		201137C	P/1
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
2001-2006	All	w/38 Amp Alt	74540-01	201126B	201126C	H/2
2007	All		74540-07		201131C	O/2
Dyna						
1970-1975	Fx, FXE	w/15 Amp Alt	74510-70A	201100B	201100C	C/1
1976-1980	Fx, FXE, FXS, FXEF	w/17.8 Amp Alt	74512-79A	201101B	201101C	A/1
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		74631-04		201132C	Q/4
2006-2007	All	w/45/60 Amp Alt	74631-06		201133C	N/4
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	S/3
2004-2005	All		74505-04		201135C	R/3
2006-2008	All		74505-06		201136C	T/3

VOLTAGE REGULATORS



VOLTAGE REGULATORS

Electro-Mechanical Voltage Regulators (Delco® Type)

- Provides precise control of charging system voltage for maximum performance and reliability
- Built with high quality components set to OEM factory specifications
- Available in show chrome or black enamel finishes

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		201106C
1958-1964	FL, FLH	1200cc	74510-47A	6V Generator		201106C
12 Volt Generators						
1965-1969	FL, FLH	1200cc	74510-64	12V Generator	201105	201105C
1965-1977	XLH	1200cc	74510-64	12V Generator	201105	201105C



201105

Electro-Mechanical Voltage Regulators (Bosch® Type)

- Provides precise control of charging system voltage for maximum performance and reliability
- Built with high quality components set to OEM factory specifications
- Available in show chrome or black enamel finishes

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



201107

Universal Regulator Mounting Bracket

- Universal Stainless Steel Mounting bracket
- Allows for use of an electronic voltage regulator on early models

Description	P/N
Universal Regulator Mounting Bracket-304 Stainless Steel	151100



151100

TECH TIP:

Battery cables deteriorate over time and cause symptoms that can be mistaken for charging system or battery problems. Inspect the entire length of the cables and look for lumps under the insulation, uneven flexibility, and high resistance. Those are common signs of corrosion. Quality cables pay for themselves.

GENERATOR PARTS

Generator Parts

- Engineered for peak charging system output on demand
- Armatures and field coils utilize heavy gauge copper windings
- Brush sets utilize precision ground carbon graphite and premium grade springs
- Overhaul kits contain brushes, quality oil seal and cover gasket

Armatures

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



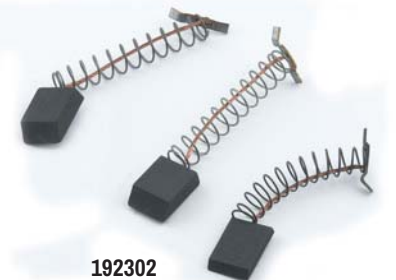
Field Coils

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



Brush Sets

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 Knucklehead	30425-32	32	6 Volt	192302
1948-1952	FL, FLH Panhead	30425-32	32	6 Volt	192302
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



Overhaul Kit

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



TUNE-UP PARTS

Advance Weight Assembly



- Replace that aging, inadequate advance mechanism with this premium quality ACCEL assembly
- Perfect for OE replacement or a performance upgrade
- Complete with 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
L1978-1999	All Harley® Twins w/ Electronic Ign. (ex. TC)	Conversion to Points	8506



Performance Tune-Up Kits

- Performance 32 oz points and premium quality condenser in one kit
- Designed for peak ignition performance and reliable service
- Available with or without performance U-Groove spark plugs

Year	Model	Tune Up Kit	Kit with Spark Plugs
1948-1969	1200 cc (74ci)	8401	8406
1958-1969	900cc (55ci) XLCH w/Mag	8402	
1970-E1978	FLH, FX	8400	8408
1971-E1978	XL	8400	8411



111129

Performance Points and Condensers

- Built using premium quality materials for long life
- 23 oz points are suitable for OE replacement in stock applications
- 32 oz high performance points eliminate points bounce and float
- High capacitance condensers are designed to provide extended point life



111131

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

STARTERS

Ultra Tork Starters

- Top quality starters using nothing but the best components
- Available in 1.4 kw and 1.8 kw to start even the biggest V-Twins
- Choose from show quality chrome and stealth black finishes
- Backed by an unequaled 5 year warranty

Year	Model	Description	Chrome P/N	Black P/N
1994-2006	Softail	1.4Kw Starter w/Lifetime Clutch	40001C	40001B
1994-2006	Softail	1.8Kw Starter w/Lifetime Clutch	40002C	
2007-2015	Softail	1.4Kw Starter w/Lifetime Clutch	40005C	40005B
1994-2005	Dyna	1.4Kw Starter w/Lifetime Clutch	40001C	40001B
1994-2005	Dyna	1.8Kw Starter w/Lifetime Clutch	40002C	
2006-2015	Dyna	1.4Kw Starter w/Lifetime Clutch	40005C	40005B
1994-2006	Touring	1.4Kw Starter w/Lifetime Clutch	40001C	40001B
1994-2006	Touring	1.8Kw Starter w/Lifetime Clutch	40002C	
2007-2015	Touring	1.4Kw Starter w/Lifetime Clutch	40005C	40005B
1974-1988	All Big Twin	All with Hitachi Type-Chrome	40003C	
1989-1993	All Big Twin	1.4Kw Starter w/Lifetime Clutch	40006C	40006B
1974	XLH	All with Hitachi Type 0.8Kw	40003C	
1966-1982	FL	All with Prestolite Type 1.0Kw	40004C	
1967-1980	XL	All with Prestolite Type 1.0Kw	40004C	



40002C



40003C



40005B

Starter Solenoids

- Heavy duty replacement quality
- Designed to deliver positive starter engagement every time
- Hardened steel plungers and moisture proof cases are used for maximum durability
- Available in show quality chrome, stealth black and zinc plate

Year	Model	OEM P/N	Zinc P/N	Chrome P/N	Black P/N
SINGLE BRACKET FITS 4 SPEED MODELS					
Sportster					
1967-1978	XLH, XLCR, XLT	71469-65B	40111	40111C	40111B
1979-1980	XL	71469-65B	40111	40111C	40111B
Softail					
1984-1988	FXST	71469-65B	40111	40111C	40111B
Dyna					
1971-1985	FXE, FXEF, FXS	71469-65B	40111	40111C	40111B
1979-1985	FXE-80, FXEF-80, FX80	71469-65B	40111	40111C	40111B
1980-1985	FXB	71469-65B	40111	40111C	40111B
1983-1985	FXSB	71469-65B	40111	40111C	40111B
1985-1986	FXWG	71469-65B	40111	40111C	40111B
Touring					
1965-1984	FL, FLH (Ex. FLT)	71469-65B	40111	40111C	40111B
DUAL BRACKET FITS 5 SPEED MODELS					
Dyna					
1982-1988	FXR	31489-79B	40114	40114C	40114B
1984-1988	FXRP	31489-79B	40114	40114C	40114B
Touring					
1980-1988	FLT	31489-79B	40114	40114C	40114B
1984-1988	FLT Classic	31489-79B	40114	40114C	40114B



40111C



40111B

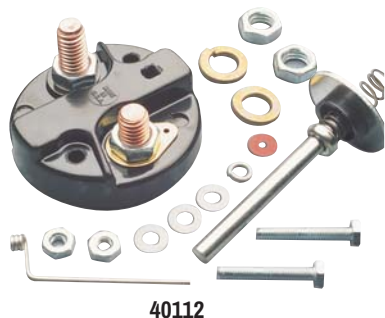


40114C

STARTERS

Starter Solenoid Repair Kits

- Complete kit contains all the parts necessary to rebuild an OE or ACCEL solenoid
- Includes plunger, lugs, spring assembly, bakelite cap and hardware
- Rebuild for a fraction of the cost of new



40112

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, FX80	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

- Durable heavy duty contacts in a rugged molded case
- Totally sealed from moisture and road grime
- Reliable starting



40110

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
L1984-1985	FLTC, FLHTC	71463-73C	40110

Starter Relay (Bosch® Style)

- Injection molded case eliminates corrosion for increased durability
- Relays designed to work in high performance applications
- Works 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



40116

Starter Drive

- Severe duty starter drives are designed for strength and durability
- Five roller clutches and hardened receivers provide smooth reliable starter engagement
- Corrosion resistant stainless steel springs eliminate binding
- Precision ground gears last longer and prevent ring gear damage

Year	Model	OEM P/N	P/N
Sportster			
1967-1980	XL	31443-65B	151304
Softail			
1965-1988	All Softail	31443-65B	151304
1991-2006	All Softail	31663-90 Late 1.2Kw and 1.4Kw (w/Lifetime Warranty)	151306
Dyna			
1965-1988	FX, FXR	31443-65B	151304
1991-2005	All Dyna	31663-90 Late 1.2Kw and 1.4Kw (w/Lifetime Warranty)	151306
Touring			
1965-1988	FL, FLT	31443-65B	151304
1991-2006	All Touring	31663-90 Late 1.2Kw and 1.4Kw (w/Lifetime Warranty)	151306



151304



151306

ELECTRICAL ACCESSORIES



7121B

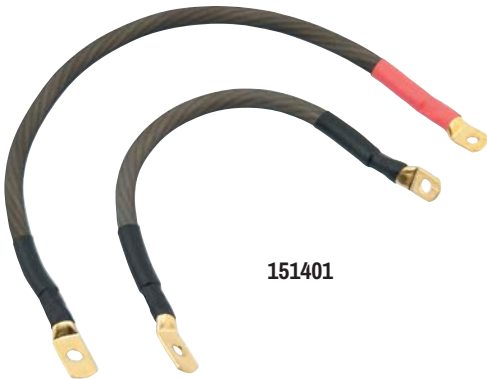
Liquid Filled Oil Pressure Gauge

- Premium quality 1/8" NPT rear mount oil pressure gauges
- Solid brass internals are bathed in vibration dampening glycerin
- Stainless steel bodies are available in polished and new Stealth Black

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

4 Gauge GOLD Battery Cable Sets

- 4 gauge cable features 1667 strands of tin plated copper for extreme flexibility
- Ends are terminated with top of the line gold plated terminals
- Jacketed with high temperature translucent black silicone
- Kit includes two OE length cables
- Covered by ACCEL's famous Limited Lifetime Replacement Warranty



151401

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



151308

Battery Eliminator

- Boost spark voltage at cranking and eliminate flickering lights
- For use with magneto and generator systems only
- Includes shock resistant mounting clamp and hardware

Description	P/N
All batteryless systems	151308



Oil Pressure Switch

- Protect your valuable engine with a reliable oil pressure switch
- Our stringent quality control standards assure accurate pressure every time
- Heavy duty contacts, brass ferrules and corrosion resistant plated steel shells are used for durability

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	FLClassic, FLHT Classic	26561-84	181104

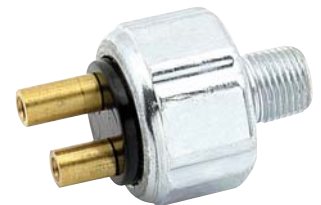


181102

Stop Light Switches

- Heavy duty contacts and high conductivity brass terminals
- Bright plated housing with rugged molded insulators
- Reliable performance for all 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/74 ci, 1340cc/80 ci	72023-51A	181101
1979-2003	XL	883cc, 1000cc, 1100cc	72023-51A	181101
L1979-1983	FX	1200cc/74 ci, 1340cc/80 ci	72023-51A	181101
1982-1983	FXR	1340cc/80 ci	72023-51A	181101
L1984-2007	All except XL	1340cc/80 ci, 1450cc/88 ci	72023-51A	181101



181100



BRAKE PARTS



Wheel Cylinder Repair Kits

- Premium grade SBR cups and end seals
- Unique patented compression spring eliminates the need for cup extenders
- Restore your wheel cylinders to proper operation

Year	Model	OEM P/N	P/N
1958-1966	FL, FLH	41748-58	33004
1963-1972	FL, FLH	41748-63	33007
1971-1972	FX	41748-63	33007



Bleeder Screws

- Bleed your brake lines to eliminate spongy brakes
- Great for replacing rounded or stripped OEM bleeder screws
- Precision machined and available in 10 packs

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



Straight High Flow Fuel Spigot

- Assure your bike isn't starving for fuel
- Recommended for any bike with performance modifications
- Built in 100 micron screen filter
- 3 position On/Off/Reserve
- Show quality chrome

Description	P/N
1971-up All V-Twins with Carburetors-Straight	5105
1971-up All V-Twins with Carburetors-Rotates Horizontally	5106
1971-up All V-Twins with Carburetors-Rotates Vertically	5107

EXHAUST WRAP

Matrix Heatshield Wrap



- The latest in heatshield technology
- Woven from crushed volcanic rock or "Basalt"
- Naturally chemical and weather resistant
- Stronger and more durable than fiberglass wraps
- Improved thermal performance and reliability
- Trick high gloss carbon fiber look and feel
- 100% asbestos free and noncombustible
- Complete kits include (4) 14" stainless steel ties and detailed instructions



Description	Length	Matrix
2" Complete Kit	2" x 25'	2002MW
1" Complete kit	1" x 50'	2001MW
2" Wrap only	2" x 25'	2002BM
1" Wrap only	1" x 50'	2001BM
Stainless Steel Tie Straps 4 pack	14"	2002SS

Matrix Heatshield Mat

- All of the features of the Matrix Heatshield Wrap in a self adhesive sheet
- .008" thick rolls are 12" x 24" overall
- Outperforms the competitors foil stickers by up to 60%
- Use on fuel tanks to prevent fuel from boiling
- Use on intakes and air boxes to reduce incoming air temperatures
- Perfect for use under fairings to prevent melting
- Reduces up to 80% of radiant heat
- Can withstand 1200 degrees continuous and 1800 degrees intermittent
- Adhesive sticks to most clean surfaces and cuts easily with scissors



Description	Size	Matrix
Matrix Mat	12" x 24"	1224MM

High Temperature Exhaust Wrap

- Made from high quality fiberglass yarn, contains no asbestos
- Withstands 1200 degrees continuous and 2000 degrees intermittent
- Reduces radiant heat by up to 50%
- Available in black and tan finish
- Increases horsepower and improves rider comfort
- Complete kits include (4) 14" stainless steel ties and detailed instructions



Description	Size	Black P/N	Tan P/N
2" Complete Kit	2" x 25'	2002BK	2002TA
1" Complete Kit	1" x 50'	2001BK	2001TA
2" Wrap only	2" x 25'	2002BB	2002BT
1" Wrap only	1" x 50'	2001BB	2001BT
Stainless Steel Tie Straps 4 pack	14"	2002SS	

* All ACCEL exhaust wrap is made in the USA

MR. GASKET PARTS



3695



3697

Fast Fill Funnels

- Plastic funnels with a built in brass screen filter
- Available in 2 sizes

Description	P/N
Large 6 qt funnel	3695
Small 2 qt funnel	3697



1428LF

Lead Free Wheel Weights

- Fits any mag or spoked wheel
- Installs easily with no tools
- Lead free and non toxic

Description	P/N
1 lb pack with (4) 4" strips	1428LF
Bulk 5 lb box	3650GLF



9612



9614



77



77B

Bulk Gasket Material

- ACCEL is proud to offer premium quality Mr. Gasket gasket material
- Great for making hard to find or obsolete gaskets
- Also works great in custom applications

Description	P/N
Fiber Gasket Material, oil applications	
1/64" x 9" x 36"	9610
1/32" x 9" x 36"	9611
Cork Gasket Material, oil applications	
1/16" x 12" x 36"	9612
1/8" x 12" x 36"	9613
Compressed Gasket Material, oil fuel and coolant applications	
1/32" x 12" x 18"	9614
1/16" x 12" x 18"	9615
Exhaust Gasket Material rated to 1200 degrees	
10" x 10" Performance Material	77
6" x 24" Performance Material	77A
10" x 10" Ultra Seal steel core	5960
6" x 24" Ultra Seal steel core	5961
Intake Gasket Material	
12" x 12"	77B
6" x 24"	77C

MR. GASKET PARTS

Aluminum Vise Jaws

- Aluminum soft jaws work great in any 4"-6" steel vise
- 6 strong magnets hold jaws securely to vise
- Black anodized billet aluminum construction
- V shaped cutouts hold and protect round or hex shaped parts
- Perfect for securely holding engine and suspension components

Description	P/N
Aluminum Vise Jaws	V304



V304

Safety Wire Pliers and Lock Wire

- Wire cutter, wire twister, and heavy duty pliers in one tool
- Lock wire is made from .032" stainless steel

Description	P/N
Safety Wire Pliers	8023G
Safety Lock Wire	8022G



8022G



8023G

Engine Port and Polish Kit

- Allows detailed porting, polishing, and flash removal
- Ideal for use with cast iron and aluminum engine parts
- Includes (1) tapered cutting stone, (1) 1" mini grind flex-flat wheel
- (29) assorted polishing rolls and (3) various length mandrels

Description	P/N
Port and Polish Kit	4362



4362

ACCESSORIES



Wire and Hose Sleeving Kits

- A great way to clean up the look of loose wires
- UV resistant braided sleeving available in 5 colors
- Protects against abrasion and is resistant to gasoline, oil and most chemicals
- Kit includes 10' of 1/4", 10' of 3/8", and 5' of 1/2" sleeving plus heat shrink tubing to finish it off

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



Engine Cleaning Brush Kit

- Kit of 9 assorted stiff bristle nylon brushes
- Will not melt or soften when used with cleaning solvents
- Handles are made from heavy gauge twisted steel wire
- Loops on each handle for easy hanging and storage

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



1005M

Spark Plug Indexing Tool

- Designed for performance engine builders looking for every ounce of horsepower
- Allows for specific location of the ground electrode for maximum flame front generation
- Works with both flat and taper seat 14mm spark plugs
- Billet aluminum construction with a gold anodized finish
- Knurled flats allow for hand held use or can be secured in a vise
- 30 packs of indexing washer available separately

Description	P/N
14MM Spark Plug Indexer	1005M
14MM Indexing Washer Kit-30 assorted Washers	1002M

PROMO ITEMS

Logo Decals

- Silk screened vinyl decals
- Self adhesive decals stick to any clean dry surface

Description	P/N
ACCEL Logo 1 5/8 x 4	M23956
ACCEL Logo 3 3/4 x 9 1/2	M23957



M23957

ACCEL Performance Banner

- Great for the race track, garage wall or basement
- Heavy gauge vinyl with brass eyelets for easy hanging
- Measures 2' x 4'

Description	P/N
Motorcycle Banner	74384G



74384G

ACCEL Skull Shirt

- Great for the race track, garage wall or basement
- Heavy gauge vinyl with brass eyelets for easy hanging
- Measures 2' x 4'

Description	P/N
Ladies Skull Shirt	74791G
Mens Skull Shirt	74792G



74791G

74792G

ACCEL Skull Hat

- Great for the race track, garage wall or basement
- Heavy gauge vinyl with brass eyelets for easy hanging
- Measures 2' x 4'

Description	P/N
Hat	74799G



74799G

TROUBLE SHOOTING

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.

Test Procedure for Unilite® & E-Spark® for Motorcycles

With the Module wired to the coil like it's ready to run. Take the cap off and position the Module so you can see it. Turn the key on, test voltage on the negative side of the coil, which is where the green wire attaches to the coil.

To do this the Red lead from the voltmeter will go to the Green wire on the coil. The Black wire from the voltmeter will go to ground. Set the voltmeter for 12 volts DC.

With the ignition switch ON you should have about 12 volts. Then take a card or match book and place it in slot of the module to block the photo optics of the module (see pictures). The voltage should drop to 1-2 volts. Remember it's an infrared LED you won't see it.

If the test results are as follows the Module will need to be replaced:

- (a) Voltage does not drop to 1-2 volts when optics blocked.
- (b) Voltage always stays below 2 volts, blocked or not.

(c) Voltage only drops above 2 volts, the higher above 2 volts the weaker the spark.

Possible causes are:

- Faulty charging system: stuck or shorted regulator, bad ground, dead cell or defective battery, defective stator or generator.
- Faulty ignition switch, direct shorts in electrical system.
- Faulty starting system: starter drag.
- Trying to start motor with battery charger hooked up.
- Non-suppression spark plug wires (copper or stainless solid core wires). Spark plug wires must be Spiral Core or Graphite Core suppression wire.
- Welding on the Bike with Module still hooked up (unplug the white connector to the Module before welding).
- Improper coil, use 2-4 ohm coil (check installation instruction).

If you must replace the Module, replace it with Mallory Part #A605. If after completing the test you still have questions 216-658-6429.



WARRANTY

LIMITED NINETY (90) DAY AND OTHER LONGER PERIOD WARRANTIES

ACCEL Motorcycle Products warrants its products to be free from defects in material and workmanship for a period of 90 days from the date of original retail purchase, except as noted below. This warranty extends only to the original purchaser at retail.

The following ACCEL Motorcycle Products carry a Limited Lifetime Warranty for “as long as you own your vehicle”:

Super Coils part number 140406, 140407, 140408, all ACCEL Motorcycle Products Hybrid Design Voltage Regulators and all ACCEL Electric Stators, all ACCEL Super Shaft Crank Shafts, Pinion Shafts and Sprocket Shafts.

All Ultra Torque Motorcycle Starters have a 5 year Limited Warranty.

All other ACCEL Motorcycle Products carry a 90 day Limited Warranty from defects in materials and workmanship.

WHO IS COVERED:

The warranty extends to the original purchaser at retail only, WITH PROOF OF PURCHASE. No exception.

WHAT IS COVERED:

All parts which are defective in materials or workmanship on original installation only, subject to the following:

WHAT IS NOT COVERED:

1. Products which have been subjected to abuse, accident, alteration, modification, improper installation, improper operational adjustments, tampering, negligence, misuse, or if repaired or serviced by anyone other than ACCEL Motorcycle Products.
2. Actual or alleged labor, transportation or other incidental charges.
3. Actual or alleged consequential damages incurred by use of this product.
4. **Specific for wire sets only:** any wires which are burnt, abraded, cracked, torn, ripped, cut or otherwise damaged due to improper installation.

WHAT WE WILL DO:

ACCEL Motorcycle Products, at its election, will either repair or replace all defective parts free of charge.

WHAT YOU MUST DO FOR THE WARRANTY SERVICE:

In the event that the original purchaser detects a defect in the material or workmanship, the product(s) in question must be returned by the original retail purchaser to the place of original purchase for warranty determination. In the event that the purchaser does not receive satisfaction from the place of original purchase or in the event there are any questions with regard to this limited warranty, please contact us by mail sent to Technical Service Dept., ACCEL Motorcycle Products, 10601 Memphis Ave., #12, Cleveland, OH 44144; e-mail your question to the Technical Service Dept. at www.accel-motorcycle.com; or call Technical Service at 216-658-6429, Monday-Friday 8:30 a.m. to 5:00 p.m EST. **Do not send alleged defective parts to ACCEL Motorcycle Products without prior approval to do so.** If such approval is obtained, the defective part and proof of purchase should be sent, postage prepaid, to ACCEL Motorcycle Products at the above address for warranty consideration.

NO OTHER WARRANTY, EXPRESS OR IMPLIED, IS APPLICABLE TO THE PRODUCTS OR ACCEL MOTORCYCLE PRODUCTS. THE DURATION OF ANY IMPLIED WARRANTIES, INCLUDING THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE, IS LIMITED TO THE DURATION OF THE EXPRESS WARRANTY HEREIN. ACCEL MOTORCYCLE PRODUCTS SHALL NOT BE LIABLE FOR THE LOSS OF USE OF THE PRODUCT, INCONVENIENCE, LOSS OR ANY OTHER DAMAGES, DIRECT OR CONSEQUENTIAL, ARISING OUT OF THE USE OF, OR INABILITY TO USE, THE PRODUCT OR FOR ANY BREACH OF ANY EXPRESS OR IMPLIED WARRANTY, INCLUDING THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE APPLICABLE TO THIS PRODUCT.

Some states do not allow the exclusion or limitation of incidental or consequential damages or limitations on how long an implied warranty lasts, so these limitations or exclusions may not apply to you. This warranty gives you specific legal rights and you may also have other rights which vary state to state. Materials, components, specifications, colors, model changes, availability and prices are subject to change without notice or obligation. Manufacturers' brand names, trademarks and registered trademarks are used for reference only and are not to imply that any product is of their manufacture or any association herewith. ACCEL Motorcycle Products makes no representation or warranty, express or implied, that its products comply with local, State or Federal emission levels, noise levels or safety standards. The purchaser assumes all responsibility for such use and compliance.

NUMERIC INDEX

Part #	Page
77	28
77A	28
77B	28
77C	28
1002M	30
1005M	30
1224MM	27
1428LF	28
2001BB	27
2001BK	27
2001BM	27
2001BT	27
2001MW	27
2001TA	27
2002BB	27
2002BK	27
2002BM	27
2002BT	27
2002MW	27
2002SS	27
2002TA	27
2007BK	30
2007BL	30
2007CH	30
2007CR	30
2007RD	30
2401	3
2403A	3
2410A	3
2418	3
3650GLF	28
3695	28
3697	28
4362	29
5105	26
5106	26
5107	26
5192M	30
5960	28
5961	28
7121A	24
7121B	24
7122	24
7122B	24
8022G	29
8023G	29
8400	20
8401	20
8402	20
8406	20
8408	20

Part #	Page
8411	20
8506	20
9610	28
9611	28
9612	28
9613	28
9614	28
9615	28
22911	7
22946	7
24130	7
24140	7
24150	7
24160	7
24170	7
33001	26
33004	26
33007	26
35410	12
35496	12
40001B	21
40001C	21
40002C	21
40003C	21
40004C	21
40005B	21
40005C	21
40006B	21
40006C	21
40110	22
40111	21
40111B	21
40111C	21
40112	22
40114	21
40114B	21
40114C	21
40116	23
74348G	31
74384G	31
74459G	31
111129	20
111130	20
111131	20
140401BK	10
140402	10
140402BK	10
140403	11
140403K	11
140403KS	11
140403S	11

Part #	Page
140404	11
140404K	11
140404KS	11
140404S	11
140405	11
140405K	11
140406	10
140406BK	10
140406CH	10
140407	10
140407BK	10
140407CH	10
140408	10
140408BK	10
140408CH	10
140409	10
140410	10
140411BC	9
140411BI	9
140411NC	9
140411NI	9
140414B	9
140414N	9
140414S	9
151100	18
151301	19
151303	19
151304	23
151306	23
151308	24
151401	24
151403	24
151405	24
151408	24
151409	24
152100	15
152101	14
152102	14
152103	14
152104	14
152105	14
152106	14
152107	14
152108	14
152109	14
152110	14
152111	14
152112	14
152113	14
152114	14
152115	14

Part #	Page
152201	15
152300	15
152304	15
160096M	6
160097M	6
170036M	7
170037	7
170082	6
170083	6
170085	6
171097-B	5
171097-K	5
171097-R	5
171097-Y	5
171098-B	5
171098-K	5
171098-R	5
171098-Y	5
171100-B	5
171100-K	5
171100-R	5
171100-Y	5
171110B	5
171110K	5
171110R	5
171110Y	5
171111B	5
171111K	5
171111R	5
171111Y	5
171112B	5
171112K	5
171112R	5
171112Y	5
172071	5
172071K	5
172072	5
172072K	5
172073	5
172073K	5
172074	5
172074K	5
172075	5
172075K	5
172082	5
172082K	5
172083	5
172083K	5
172086	5
172086K	5
172089	5

Part #	Page
172089K	5
172090	5
172090K	5
173082	6
173082K	6
173083	6
173083K	6
173084K	6
173085	6
173085K	6
173087-B	6
173087-K	6
173087-R	6
173087-Y	6
175073	5
175074	5
175075	5
175082	5
175083	5
175086	5
175089	5
175090	5
175091	5
175093	6
175095	6
175096	5
175097	5
175098	5
175099	5
175100	5
181100	25
181101	25
181102	25
181103	25
181104	25
192300	19
192302	19
192303	19
201100B	16
201100C	16
201101B	16
201101C	16
201102B	16
201102C	16
201103B	16
201103C	16
201104B	16
201104C	16
201105	18
201105C	18
201106C	18

Part #	Page
201107	18
201107C	18
201117B	16
201117C	16
201118B	16
201118C	16
201121B	16
201121C	16
201122B	16
201122C	16
201123B	16
201123C	16
201124B	16
201124C	16
201125B	16
201125C	16
201126B	16
201126C	16
201127B	16
201127C	16
201128B	16
201128C	16
201129B	16
201129C	16
201130B	16
201130C	16
201131C	16
201132C	16
201133C	16
201134C	16
201135C	16
201136C	16
201137C	16
380700	7
A554	13
A556	13
A557	13
A566	13
A576	13
A577	13
A605	13
M23956	31
M23957	31
SP2410A	3
SP2410P	3
SP2418	3
SP2418P	3
V304	29
Y2410P	3
Y2418P	3

Custom Fit SPARK PLUG WIRES

8mm S/S Spiral Core Wire

- 8mm, 500 ohms per foot
- Designed specifically for Harley Twin Cam applications
- Compatible with both carbureted and fuel injected systems
- Maximum RFI protection shields sensitive electronics
- Up to 5 times more peak energy than other "performance" wires
- Available in 4 colors- blue, black, red, and yellow
- Custom fit sets are ready to install, no cutting or splicing required



300+ Race Wire

- 8.8mm, 150 ohms per foot
- Designed specifically for race-winning or maximum street performance
- Compatible with both factory and aftermarket electronic ignitions and points
- Delivers peak performance even at temperatures over 550 degrees
- 8mm sets available for carbureted Twin Cam applications, not recommended for EFI systems
- Available in both ready to install custom fit sets and universal kits
- Gloss black



8.8mm Suppression Core and Stainless Core Wire

- 8.8mm, Yellow or Black
- Designed for high performance street or racetrack use
- Stainless steel terminals with premium quality silicone boots
- Suppression core features maximum RFI protection for electronic ignitions
- Use stainless core wire with points or magneto ignitions only
- Available in both ready to install custom fit sets and universal kits



See pages 4-5 for more product & application information!



ACCEL is a trademark of ACCEL Performance Group • Cleveland, Ohio

www.accel-motorcycle.com

©2015

Printed in U.S.A.

74851G