

Section 4A

Electrics

BT to Shovelhead and Ironhead

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Switches



Heavy Duty Electronic Ignition Switch

FL/FXWG ignition switch. Has the smooth action and dependability of electronic switching (eliminates pole to bar contacts found in the old OEM switch). The late 6 pole terminal pattern is featured adaptable to all models 1936-93. Includes two keys.

5498 71500-36A and 71501-73



FLH Ignition Switches

PCP	Type
1213	5 post for 1936-67 steel dash (71500-36A)
1383	6 post for 1968-93 diecast dash (71501-73)



Topline Ignition Switches

Sealed design with flat keys, back hinge cap as on stock.

PCP Description

29522 Fits FL-FXST 1936-93. Front flip with flat keys. 6 Post. (71501-73A)



Round Key Ignition Switch

Each switch includes a round key set.

PCP	Application
28245	1973-95 6-post contact
28246	1973-95 6-post electronic
28247	1936-72 5-post contact

Key Switch Spacers

Spacers allow switch height to be adjusted when installing dash cover on FL type dash assemblies. (10 pack)

13598 Spacer .040"



Barrel Key Ignition Switch

Features new style round keys and two position activation with a positive indent to retain key in the off position. This switch fits FX 1975-85, FXR 1982-93 and Sportsters 1979-93.

28210 Start with lights on (71428-90A).

28211 Start with lights off (71427-94)

Ignition Switch Covers

Custom ignition switches are designed to fit dash-mounted ignition switches on FL style 1968-86 with top forward hinged cover.

PCP	Design
45124	Mirage

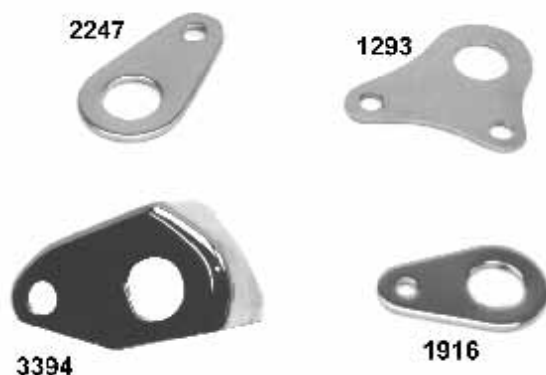


Switches



Universal Switches

- 28280** On/Off toggle with leads & clamp
2246 Brake light with spring & clamp
28281 Dimmer/Horn combo
66400 Toggle switch, hazard FL/FLT, FLHS to 1988 (67843-70)
66401 Spot light toggle switch FL-FLT, FLHS to 1988 (67844-70)



Chrome Key Switch Plate Mounts

- 2247** Universally mounts anywhere (3/4" hole)
1293 Locates switch on transmission cover forward of kicker arm (3/4" hole)

Chrome Ignition Switch Cover

Fits Sportster® 1972-87 and replaces 71510-72A.
3394

Stock FXE Key Switch Mount Bracket

Replaces OEM 69024-77. Stock on all 1977-on twins.
1916



Chrome Rear Stop Light Switches

We offer a full line of chromed mechanical stop light switches. These switches feature steel construction, support plates and chrome plating. Ideal for replacing worn-out stock parts or when building a ground-up project.

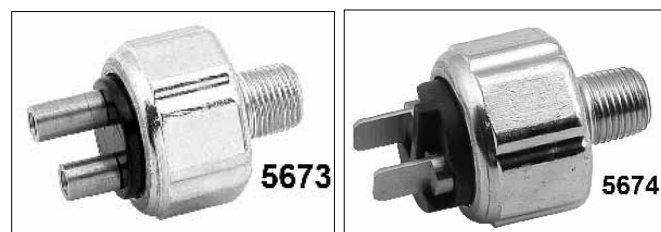
- PCP Fits**
4860 FX, FXE, FXS 1973-77 push-off style (72005-73A)
17204 XL models 1975-78 pull-on style (72004-75)
2177 BT models 1937-67, 45" WL models 1937-57 and Servicers from 1937-50 pull-on style (72003-34T)
2176 Sportster® 1967-74 push-off style (72004-70T)
17202 Sportster® and K models 1952-66 push-off style (72004-52)
19098 Black, BT 1934-57 (72003-34) (each)

Pull Springs for Above Switches (sold in 5 packs)

- 13199** 1963-70 XLH-XLCH (40503-63)
13087 1975-76 XLH-XLCH (40521-75)
13200 1937-57 BT Black (72017-39)



- PCP Description**
3996 Sportster 1975-77, FX 1973-76 (70124-75)
1156 FX models 1978-85, XL 1978-93, FXR 1982-93 (71425-77)
804 3-Way-left accessories, centre off, right accessories and ignition. Mounts thru 3/4" hole.



Accel® Hydraulic Brake Switches

Top-quality Accel rear brake light switches for most models. They feature heavy-duty contacts and brass terminals.

- PCP Fits**
5673 1951-73 ServiCar and 1958-70 FL (72002-51)
5674 All BT models 1971-on (except 1973-77 FX) and all XL models 1979-on (flag type) (72023-51A)

Switches



Oil Pressure Switches

USA-made oil pressure switches with precision calibrated heavy duty contacts, plastic insulator and a bright finish.

PCP Fits

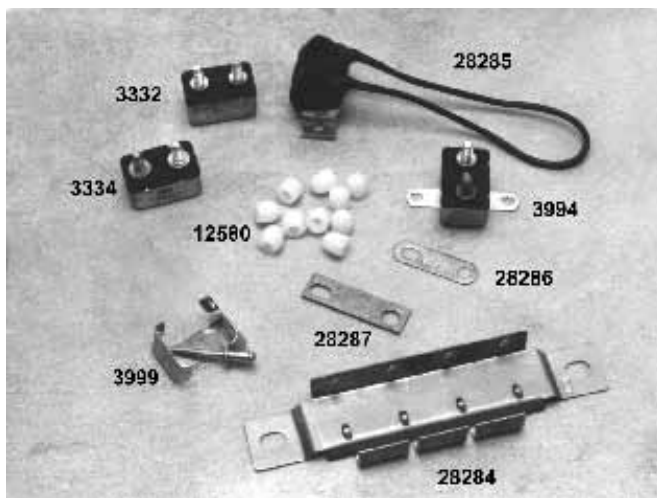
- 5670** XL and K 1954-1976 and BT 1972-83, FXWG 1980-84 (26552-72)
5671 XL from 1977-on (26554-77)
28106 45 1939-68 (26550-38A)
28107 BT 74 & 80 1939-68 (26551-39A)
4447 Fitting XL 1957-76 (26420-57)



Neutral Switches

OEM type replaces the following on FLH-FX models 1959-on.

PCP	OEM	Type	Application
289	33900-59	Stud	1959-64, L 1973-E79, all BT 5 speed 1979-98
1241	71507-71	Blade	1971-78
1243	71507-64A	Screw	1965-70
28101	33901-79	Plunger	4 Speed 1979-84



Circuit Breakers

USA made circuit breakers for most models.

- PCP Description**
3334 30 amp 1978-83 FL, 1978-on FX, XL (74559-77)
3332 15 amp 1973-83 FL, FX-XL (74589-73)
3994 30 amp fits FL models 1970-72 (74586-70)
28285 20 amp with leads/mount 1971-72 FX (74594-71)
28292 30 amp breaker with leads
28286 Connector bar (74598-73)
28287 Connector bar (69999-77) (pair)
12580 Nylon lock nut 10/32 (7602) (25 pack)
3999 Circuit breaker mount clip 1973-on (9952) (5 pack)
13799 Rivets for above mount clip (8672) (50 pk)
17297 Circuit breaker bracket for 2 breakers
28284 Circuit breaker bracket for 3 breakers



Flashers

For turn indicator lights. 74" and XL

PCP	Volt	Description
28001	12	Round (68543-64A)
28003	12	Rectangular 1965-88 (68543-64A)
28007	12	Rectangular, plastic
17222	6	Round (68543-61A)
17223	12	Mount flasher

Hazard flasher or four flashing lights.

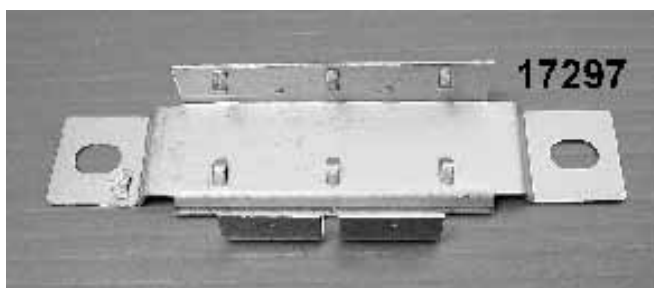
28004	12	Round (68543-64B)
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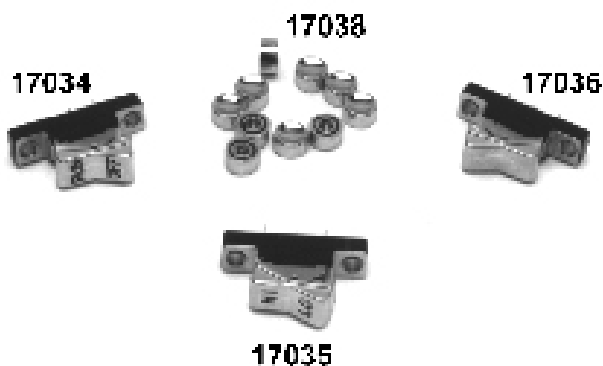
Universal Circuit Breaker

Breakers are available in 15 or 30 amp units with #10-32 connector studs, 3/16" mounting holes, automatic reset, and built-in mounting bracket.

- 17219** 15 amp
17220 30 amp



Switches



Chrome Plated Switches for 1972-81

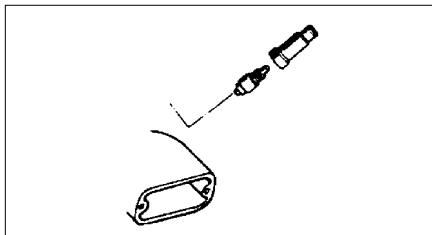
These are quality replacement switches just like the other switches on this page but feature a chrome finish.

- 17034** Run-Off rocker switch (each)
- 17035** Hi-Low rocker switch (each)
- 17036** Plain rocker switch (each)
- 17037** Long button cap (10 pack)
- 17038** Short button cap (10 pack)



T/L Handlebar Front Brake Light Switch

29469 Stop switch 1972-81 (72001-69B) (each)



Rubber Stop Switch Caps

Caps protect the stop switch from moisture.

PCP Application

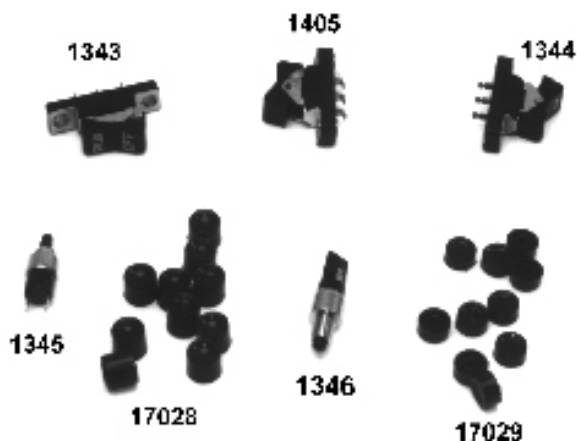
- 17030** Front 1972-81 (27751-69P) (10 pk)
- 17103** Rear XL 1982-on (41642-82) (ea)



Vacuum Switch Assembly

PCP Description

- 66408** 1983-85 XL, XLS, XLX (26557-83)



Handlebar Control Switches

Fits Big Twin 1972-81 and Sportster® 1973-1981.

PCP Description

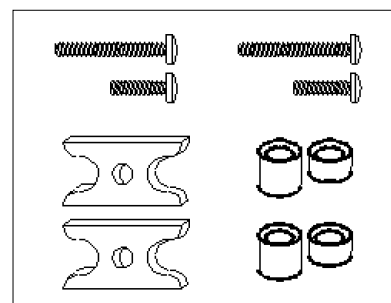
- 1345** Switch: starter, horn, turn signal (71484-72A) (ea)
- 17029** Short button cap for starter (71534-72) (10 pk)
- 17028** Long button cap for turn signal (71535-72) (10 pk)
- 1343** Rocker switch "RUN-OFF" (72547-75A) (each)
- 1344** Rocker switch HI-LOW (71546-75A) (each)
- 1405** Rocker switch (plain) (71483-72) (each)
- 1346** Stoplight switch (72001-69B) (each)



Replacement Switches 1972-81

Sold in 10 packs

PCP	OEM	Type
17023	71546-75A	Rocker Hi-Lo
17024	71547-75A	Rocker on-off
17025	71484-72A	Starter-horn
17026	72001-69B	Front brake



Handlebar Switch Repair

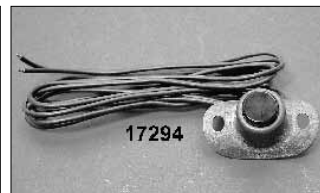
Includes 4 screws, 2 retainer clips for button switches (71533-72), and 4 button black caps. 1972-1981.

- 1884** Kit
- 3472** Retainer clips only (71533-72) (10 pack)

Switches



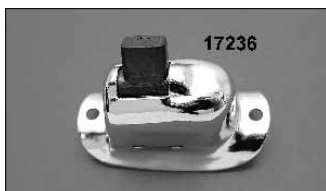
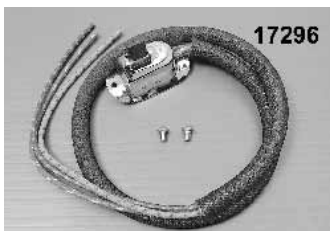
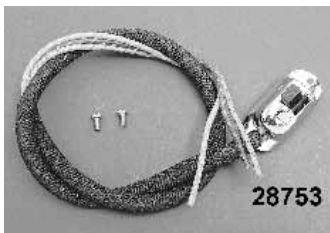
NOS Switch Knob with Keys FLT 1979
29205 71493-79



Handlebar Button Switch

Use for horn and start switch. Stock on all models 1926-71. Fits any 1" handlebar. Replaces 71800-26A.

PCP	Type	Finish
1404	Horn	Chrome
17293	Horn	Chrome
17294	Horn	Parkerized
17295	Starter	Chrome (71800-70)
24513	SS Mounting screws (2626) (25 pack)	



Handlebar Switch

Available in 2 or 3 position type beam. 3 Position type features "off" in the middle position and can be used for Hi/Low beam or turn signal. Stock on all models 1929-71. Fits any 1" handlebar.

PCP	Type
1403	2 Position with wires
17236	2 Position without wires
17249	3 Position
17265	3 Position with side exit wires
24513	SS Mounting screws (2626) (25 pack)

Handlebar Dimmer and Directional Switches

Early style switches have cloth covered original style wiring, chrome housing and stainless screws.

PCP	Type	Position
28750	2 Wire horn (71800-26A)	-
28751	1 Wire horn (71800-26)	-
28752	Dimmer switch (74840-29)	2
28753	Directional switch (70058-50B)	3
17224	Directional switch (70058-50)	3
17296	As above with side exit wires (70058-50B)	2



Horns



Springer Type Electric Horn (4 3/4" dia.)

This vintage electric horn with chrome grill can be used on any 12 volt application. Universal 2-hole mounting bracket.

PCP	Item
28403	12 volt (69005-85T)
2174	12 volt T/L (69005-85T)



Universal Horns

Horns feature chrome faces and a rear tab for easy mounting.

28216	12 Volt, 2 hole mounting tab
28217	12 Volt, 1 hole mounting tab



Horn Bumper Bracket 1973-on

Replaces 69041-73 on all XL-XLH-XLS. Black finish.

3995	Sold Each
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Replica Horn Kits

Kits include bracket, horn and iso mount rubber stud.

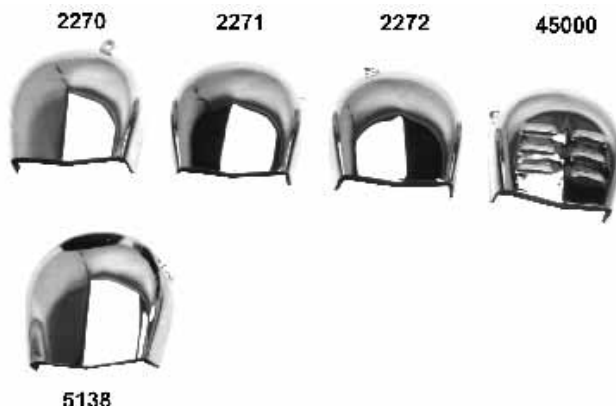
PCP	Fits	Item
28438	1976-84 FL	Kit
28439	1976-84 FX	Kit includes horn cover as well.
28440	All models	Horn only



Revolution Replacement Horns - 12 Volt

Mount to stock brackets. Available in Black ONLY.

PCP	Fits
66100	XL 1965-85, FXR 1982-86, FL and FX L 1976-84 (69000-76)
66106	FXR 1982-83 (69007-82C)
66102	XL 1965-78, FLT 1980-90, FXWG 1980-on, FX 1976-84 (69016-76)



Replacement Horn Covers

Chrome plated replacement Horn Covers for Harley.

PCP	Fits
5138	1976-84 All FX-FL Hi-Note horn, XL 1976-85 (69017-76)
2272	1976-85 All XL 1976-84 All FX low note horn (69140-76)
45000	As above but louvered
2270	1965-76 All XL 1971-76 All FX (69138-65)
2271	1970-76 All FL-XL Hi-Note horn only 1971-on all FX Hi-Note horn (69141-70)



Horn Mount Nut

Stamped steel nut for mounting all horns 1965-90. Replaces 69149-65.

12598	(5 pack)
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Horns



Classic Trumpet Horn Kits

Complete chrome trumpet horn assembly for antique restoration or custom applications. Fits HD Panhead and Shovel-head 1949-on.

PCP	Item
4353	12V B/T Horn kit
4352	6V B/T Horn kit
5151	Horn pack (12V)
5152	Horn cover (69140-54)
5153	Horn bugle (69022-54)
17005	Horn power pak 6-volt (69014-54)
17006	Renovation kit (includes trumpet screen, inner and outer rubber washers for cylinder stud, fibre bracket and hardware)



Chrome Mini Horn

Horn is 65mm in diameter and has a single tab mount.

59054 12 Volt

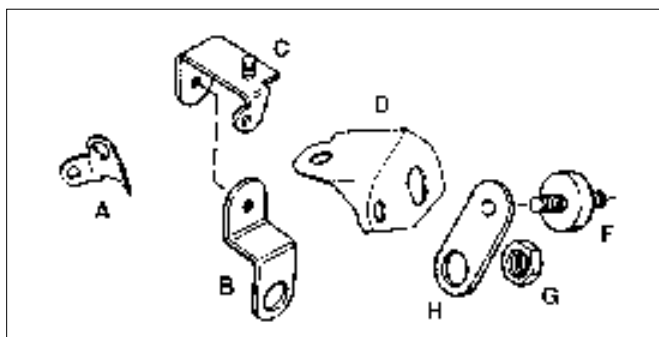


XL Left Side Horn Kit 1952-85

Kit includes bracket, hardware and chrome horn.

59025 12 Volts

59026 6 Volts



XL Ignition & Horn Brackets

Chrome except where noted.

PCP	Years	Application
3995	1973-85	(A) Horn bumper, black (69041-73)
27324	1971-85	(B) Horn mount, zinc (69117-71A)
27325	1972-85	(C) Upper horn and choke (69129-72A)
3394	1972-87	(D) Switch cover (71510-72A)
23026	1965-on	(F) Iso mount (69125-65)
12598	1965-90	(G) Nut (69149-65) (10 pack)
27326	1965-85	(H) Mount, zinc (69117-65)

BT Horn Bracket 1973-84

3271 Hose guide (38623-68) (5 pk)



Iso-Mount Chrome Cover

Covers black 1/4" Iso rubber studs.

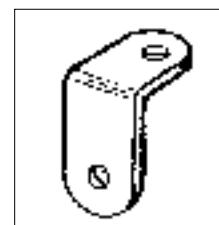
44069 Pair



FLH Horn Bracket

Replaces 69131-68 on 1968-84 models. Zinc

27331



Horn Mount Bracket

Replaces 69006-82 on 1982-94 FXR-FXE models.

27332 Bracket

23067 Well nut



Spark Plugs



Accel® U-Groove Spark Plugs

The unique U-Groove design provides a larger spark for more complete combustion, faster starts, improved performance and reduced fouling. A heavy duty insulator and five rib construction give ACCEL® spark plugs superior strength and thermal conductivity. The copper core centre electrode supplies greater heat dissipation and provides a wider heat range to achieve reduced fouling. Sold in package of 2.

1340cc Engine

PCP	Model	Accel
5655	All Shovel 1982-84	2417
5653	All Shovel 1980-81	2410A
5652	All Shovel L 1978-79	2403A

1200cc Engine

5653	All Shovel L 1978-80	2410A
5652	All Shovel 1975-E78	2403A
5650	All BT 1948-74	2401*

1000cc Engine

5654	All XL 1979-85	2413
28086	XR-1000 1983-85	2412

900cc Engine

28083**	All XL 1957-71	2402**
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* If carbon fouling occurs use warmer Accel #2401A
PCP #28081

** Warmer Accel #2402A

Accel® Spark Plug Cross Reference Chart

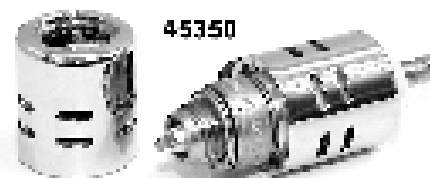
PCP	Accel #	Champion #	H-D #
5650	2401	J12YC	3-4
28081	2401A	J18YC	—
5651	2402	H8C,H8	4
28083	2402A	H10C	5
5652	2403A	N12YC	5A6A
5653	2410A	RN12YC	5R6A
28086	2412	N7YC	6R7
5654	2413	RL82YC	4R5
5655	2417	RN13LYC,RN14LY	5RL



Accel Platinum Spark Plugs

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.

PCP	Model	Engine	Accel
28071	FL, FX 1948-75	Pan, Shovel	Y2401P
28072	K, XL 1948-71	900 Iron Head	Y2402P
28073	FL, FX 1975-79	1200 Shovel	Y2403P
28074	FL, FX	1340 Shovel 80-81 1200 Shovel 79-84 (w/electronic)	Y2410P
28077	FL, FX 1982-84	1340 Shovel	Y2417P
28075	XR 1983-85	1000 Iron Head	Y2412P
28076	XL 1979-85	1000 Iron Head	Y2413P



Plug Domes

Now your machine can have chrome spark plugs. Just slide them on over your plugs and you've got the look of chrome. These domes are held firmly in place with specially-designed black silicone seals and your spark plug boots. Sold in pairs.

45350 Fits all Harley-Davidson® motors with 13/16" hex spark plugs

Note: Will not fit Accel #2418 spark plugs with 18mm hex (PC # 5656)

Spark Plugs



Champion Copper Plus Spark Plugs

Features include a wider-base insulator which provides an easier path to speed the transfer of heat and a longer insulator nose containing a centre electrode of pure copper inside of chrome-nickel to transfer heat between firings and help resist fouling.

Champion Plug Applications

PCP	Engine Size	Model	Pkg Qty	Champ. #
5141	1340cc	All Shovelheads 1982-84	6	RN13LYC
5140	1340cc	All Shovelheads 1980-81	4	RN12YC
5147	1340cc	All Shovelheads 1978-79	8	N12YC
5140	1200cc	All Shovelheads 1975-80	4	RN12YC
5142	1200cc	All Big Twins 1948-74	8	J12YC
5146	1200cc	Knuckleheads 1941-47	6	D16
5145	1000cc	All Sportster® 1979-85	8	RL82YC
5143	1000cc	All Sportster® 1972-78	8	H8C
5146	1000cc	Knuckleheads 1936-47	6	D16
5143	900cc	All Sportster® 1957-71	8	H8C
5146	750cc	All 45s through 1973	2	D16

Champion Plug Cross Reference

PCP	Champion #	Accel® #	H-D® #
5143	H8C	2402	4
5141	RN13LYC	2417	5RL
5142	J12YC	2401	3-4
5147	N12YC	2403A	5A6A
5145	RL82YC	2413	4R5
5146	D26	—	3



18mm Spark Plug Conversion Nipples

Features replica air cooled styling when used with standard D-16 inner plug, available separately. Pair.

PCP	Application
19659	Conversion set
5146	Plugs (D-16)



Lightning Bug Spark Ends

Fits all Harley® spark plugs with screw terminal fittings **only**. Cover ends show your "spark" through your choice of three different tinted lenses. Neon-gas filled, glow like strobe lights.

PCP	Sold Each	PCP	Sold Pairs
1897	Red tint	28312	Red tint
1883	Amber tint	28313	Amber tint
1886	Blue tint	28314	Blue tint

Note: These spark plug caps are for use with point-type ignitions ONLY.



Chrome HD Spark Plug Holder

Clamps to rear frame tube. Accepts long reach plugs.
2315 (91775-51)

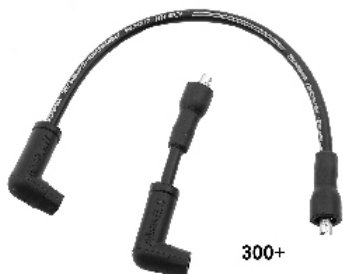


Accel 14mm Spark Plug Indexer

This index tool for 14mm spark plugs allows the engine builder to specify the location of the ground electrode for maximum flame front generation. Tool is knurled for easy hand held operation or can be mounted in a vise. Made from billet aluminum with a gold anodized finish with increment labels for accurate alignment. USA made.

26125 Use #25283 index washers for proper alignment.

Spark Plug Wires



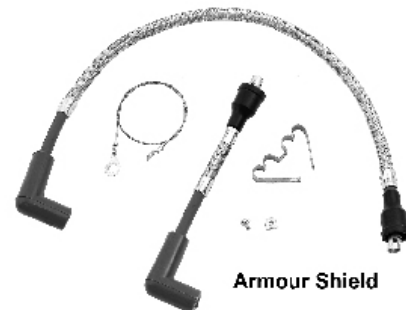
Accel 300+ Ignition Wires

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 insulation eliminate electrical "leakage" or RFI interference that interrupts control modules. The low 150 ohms/ft. resistance Ferro-Spiral core material delivers maximum spark energy to the spark plugs. Black



Accel Custom Ignition Wires

Accel's ready to fit 8.8mm wire sets provide improved performance. For street or race track use, Accel 8.8 wires provide the ultimate in ignition wire performance. Extra thick silicone jacket covers strong fiberglass braid that covers another layer of premium silicone. All of this covers our high capacity conductors-either stainless steel/silver-plated copper combination or graphite RFI suppression for use with electronic ignition to prevent damage to the control module. Custom fit 8.8 wire sets are available in yellow or black.



Accel Armour Shield Wires

Accel offers custom-fit Armour Shield silicone wire sets with an 8mm blue graphite suppression core. Each set features premium silicone wire, heavy duty silicone boots, and our Armour Shield braid with nickel plated ferrules. These wire sets give a custom "metallic look" and are an excellent addition to braided lines and cables. Complete with installation instructions and grounding kit.

Accel Custom Fit Wire Sets					
Year	Model	300+ Black	Yellow	Black	Armour Shield
L1978-84	FLH, FX, FXE-80, FXS	28026	5631	28010	
1983-84	FXWG	28026	5631	28010	
1971-E78	FX, FXE	28026	5633	28012	
1965-E78	FL, FLH	28026	5633	28012	
1979-85	XL, XLCH, XLX	28027	5632	28011	28054
1979-82	XLS	28027	5632	28011	28054
1971-E78	XLH, XLCH	28027	5634	28013	28054
1958-69	XL, XLCH (magneto)	28028	5635	28014	28058
1982-94	FXR, FXRS, FXRT	28029	5636	28015	28059
1980-84	FLT, FLHT/C, FLTC	28030	5637	28016	

Accel Recommendations: Choose the wire type that fits your application for the best performance. Copper core wires are for points type ignitions. Suppression core wire is suitable for Touring bikes with electronic ignition and AM/FM or CB radio. 300+ core are for either points type ignitions or bikes with electronic ignitions and AM/FM or CB radio.



Accel 14mm Spark Plug Index Washer Kit

Soft copper spark plug washers allow the engine builder to align the ground electrode and adjust plug to piston clearance. Sold in a 30 pack assortment.

25283 For use with PCP 26125 spark plug indexer



Wire and Hose Clamps

Die-cast with chrome or alloy finish. Ignition type uses 1/4" allen screw (not included) for installation.

27532 Chrome spark plug wire (pair)

27533 Alloy spark plug wire (pair)

27530 Chrome ignition wire, small, points (each)

27531 Chrome ignition wire, electronic (each)

Ignition Kits



Advance Unit Assembly BT, XL 1971-on

Replacement unit assembly for those worn out parts on the stock 1970-E78 models as a complete kit to convert late 1978 model electronic ignitions back to point style ignitions.

- 28237** Accel kit (no points plate or hardware included)
- 681** Complete kit (32515-85T)
- 4396** Points wire only
- 28123** Kit with needle bearings



Rotor & Weight Assembly

Replaces frozen or worn hubs & weights on 1970-78 XL-FX-FL. Includes shaft, weights, springs and cam assembled.

- 30054** 32505-78A



Accel® Performance Tune-Up Kits

Designed for reliable high-performance. These kits feature matched contact sets with a premium 32 oz. spring, mylar insulated condenser and cam lube for a complete tune-up. Blister packed kits.

- 28055** Fits Sportster® models from 1971-E78 and Big Twins from 1970-E78
- 28056** Fits Sportster® and K models (except magneto) from 1954-70 and Big Twins from 1948-69
- 28057** Fits Sportster® models with magneto from 1958-69



Accel® Tune-Up Components Individually

Accel's 23oz. heavy-duty points sets are built with high quality materials to assure long life. Accel high performance 32oz. Hi-Rev point sets eliminate point bounce and float for crisp, accurate spark at extremely high engine speeds. Accel's condenser "cushions" primary current to provide extended point life. Its high capacitance mylar/foil construction eliminates internal shorting. Made in the U.S.A.

Points

PCP Fits

- 28050** 23oz set for Sportster® 1971-E78 and Big Twins 1970-E78 (32661-70)

- 28051** High-performance 32oz set. Fits Sportster® 1971-E78 and Big Twin 1970-E78

Condensers

- 28053** All Sportster® and K models (except 30801-47 magneto) 1954-E78 and Big Twins 1930-E78 (32726-30A)

- 4393** Sportster® with magneto from 1958-69 (29533-55A)



Accel High Performance Tune-up Kit

PCP Accel Description

- 28045** 8406 FL, FLH Pan/Shovel 1948-69
- 28046** 8407 FL, FX, FLH/FXE Shovel 1970-74
- 28047** 8408 FL, FLH, FX, FXE 3/4" plug 1975-E78
- 28048** 8409 XL, XLH 1957-70
- 28049** 8411 XL 1971-E78

Tune-Up Parts



Spark Plug Wire Kits

Traditional black or yellow high-performance wire kits include a sufficient amount of black suppression or yellow silicon wire, copper crimp-on connectors, molded plug and coil boots for easy installation.

Copper Core

Fits FL, FX and Sportster® models to 1979

910 Yellow with orange plug boots

716 Black with black boots

Suppression Core (Resistor Wire)

Fits all models except Evolution® Sportster® from 1980-on; and motorcycles equipped with radios or CB units to eliminate noise.

PCP Description

3330 Yellow with black plug boots

3326 Black with black plug boots (31988-85T)



Condenser

Fits all XL and K models (except magneto) 1954-E78 and BT 1930-E78 (OEMs 32726-30TA, 30801-47).

727 1949-E78 Sold in 10 Packs

683 Knuckle, all V-Twins 1930-48 (each) (32726-30)



Plug Wire Holder Bracket

19633 1937-63 45 SV (32000-37)

3998 1966-on FL, 74 OHV Rear (32000-37A) chrome



Magneto Replacement Parts

Replacement parts for OEM or Morris magnetos.

Magneto Top Covers

Clear caps allow easy inspection of points. Fits all OEM and Morris magnetos as well as most Fairbanks-Morse two-terminal mags.

PCP Description

17032 Clear cover (29530-55A)

17033 Black cover (29530-55A)

79193 Magneto cap gaskets (29550-55) (10 pack)

Seal for OEM Magneto

14015 Fits 1968-69 Sportster® models (12023) (5 pack)

Mag Points and Condenser

High-quality replacement points and condenser for Sportster® models with magneto ignitions 1958-69.

4393 Points (29533-55A) (each)

4392 Condenser (29534-55A) (each)



Contact Points

PCP Fits

726 BT 1930-48 (32658-30) (each)

725 XL, K (not magneto) 1954-70 BT1948-69 and all 45's (30605-48A) (5 pk)

724 XL 1971-E78, BT 1970-E78 (32661-70T) (10pk)

Spark Plug Cable Packing Nut Kit

Harley-Davidson 1927-59.
5131



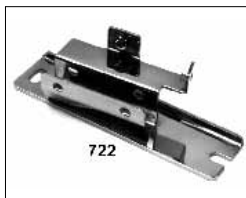
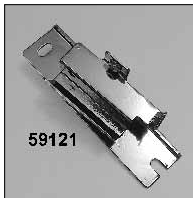
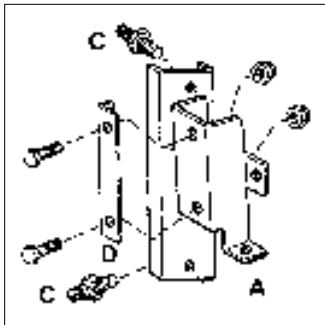
Spark Plug Wire Set and Clip

19531 Spark plug wire set

19532 Spark plug wire clip (each)



Coils & Brackets



BT Coil Bracket

A heavy-duty mounting bracket for Harley Big Twins 1948-83 12 volt

PCP Description

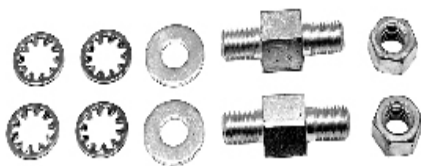
- 59120** (A) 1948-77 Black bracket (31724-65)
- 59121** (A) 1978-83 Black bracket (31728-78)
- 722** (A) 1948-83 Chrome, reinforced (31728-78A)
- 59122** (A) 1978-83 Chrome (31728-78)
- 5413** (C) Stud set 1948-55 (72341-48)
- 5414** (C) Stud set 1956-82 (72341-56A)
- 27339** (D) Strap only, black all years



Accel® Universal Spark Plug Wire Kit

Included are two 90° plug boots, two coil boots and a length of Accel's 8.8mm wire which has two 180° plug boots. Included are all of the necessary crimp-on connectors and two pieces of heat-shrink tubing.

- 28040** Stainless steel (yellow)
- 28042** Suppression core (black)
- 28044** Suppression core (black) for dual plug heads



Coil Mounting Stud Kit

Cad plated studs, nuts, and washers to mount coil mounting plate and terminal box to frame.

PCP Fits

- 5413** Big Twins 45's 1948-55 (72341-48)
- 5414** Big Twins 1956-82 (72341-56A)

Accel Super Coils

Designed to deliver the maximum amount of spark energy, faster rise times and 45 % higher voltage to the plugs than OEM coils. Will mount in most stock locations and will fit under most OEM and aftermarket covers.

Yellow	Black	Application	Ohms
5690	28067	1965-79 Points type	4.7
5691	28068	1980-on Electronic type	2.3

Note: These coils may not be used with 6820 or 6821 Antique style coil covers due to interference problems.



Power Pulse Coil (4.2 OHM primary resistance)

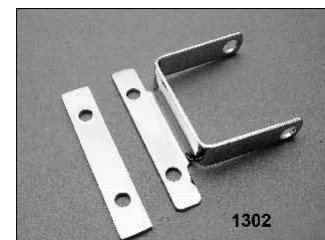
ACCEL's Power Pulse Coil features greater available spark voltage, faster rise time, and longer spark duration than stock coils. ACCEL coil is guaranteed to improve starting, midrange throttle response, and top end performance on points-triggered 12 volt Harleys. Fits 1965-1979 all 12 volt points triggered ignitions for XL, FL, FX.

- 5643** Yellow
- 28062** Black

Two-Piece Coil Bracket for Sportster

Chrome. Replaces OEM 31723-71A & 31727-72

1302





237230

12 V High Performance Ignition Coils

Andrews SuperVolt coils deliver 30,000+ volts. Black coils fit all H/D bikes to 1980 with point type ignition sets. These coils will produce more voltage than stock coils.

237230 1965-79 Black 4.8 OHMS points only (31609-65A)



28250



28251

Molded 12 Volt Coils

Replacement coils for 1965-on 12 volt applications. Engineered to the exact same specifications as the original equipment parts they replace.

NOTE: These coils are not interchangeable—installation of the late 1978-on coils on earlier models, or the installation of the 1965-early 1978 coil on later models may shorten point life or damage other electronic components on the vehicle.

PCP	OEM	Description
28250	31609-65A	1965-79 point type ignition only
28251	31609-80	L1980-83 electronic ignition



28417

29418

12 Volt Stock Black Ignition Coils

Topline quality replacement coils fit stock brackets.

PCP Application

29417 1965-79 All (31609-65A)

29418 1980-83 All (31609-80)

Note: PCP 29418 is for electronic ignition



Accel Universal Super Coil Kit

Higher than stock output can be used on either point or electric ignitions. Kit includes mounting brackets and 8.8mm suppression core wire.

28094 XL, FL, FX 1965-77 (points), 1978-99 (electric)
3.0 OHM resistance primary side



Round Coils

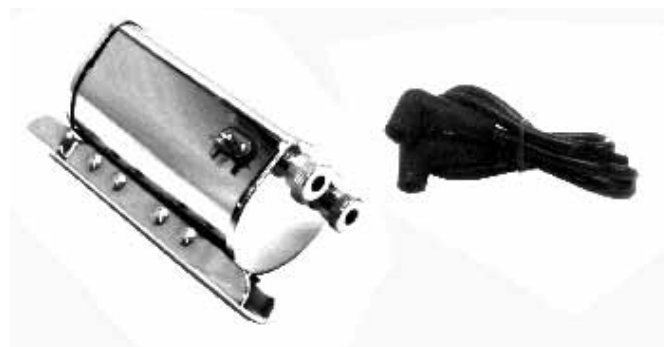
Quality engineering provides improved reliability and performance of the classic round style coil. The coil's internal windings are 100% immersed in a genuine oil filled jacket.

28135 1936-64 6-volt black

2808 1936-64 12-volt chrome

2807 1936-64 6-volt chrome

28136 1961-64 6-volt black



Chrome Square Style Coil

Original style square coil for H-D complete with copper core wires, connectors and mounting bracket. Not compatible with electronic ignitions on 1980-on models.

5078 1965-on chrome 12-volt

19562 1948-60, black 12-volt

5079 1948-64 chrome 6-volt (OEM 31604-48 & 1722-48A)

19563 1948-60, black 6-volt

Coil Covers



Chrome Ribbed Coil Covers 1965-on

Early style ribbed covers feature classic Panhead styling for all Big Twin 1965-86.

45070 Small



Chrome Coil Covers

Coil covers available in four styles. Fit all 4-speed Big Twin and Softail® models from 1965-99.

PCP	Description
1221	Louvered (31610-83T)
915	Plain 1965-99 (31606-65)
45459	Finned 1961-64 Pan (dual coil)
45127	Eagle Spirit, chrome

Skull Coil Cover

Fits 1965-on FX-FLH, chrome with embossed design.

45071



Coil Cover for Sportsters

Show-chrome two piece coil cover. Beautifully constructed for a perfect fit on the Sportster coil 1971-78.

2181 Coil cover (31611-83T)



Chrome Nostalgic Coil Covers

These "antique style" coil covers are fashioned after the covers used in the mid-1940's.

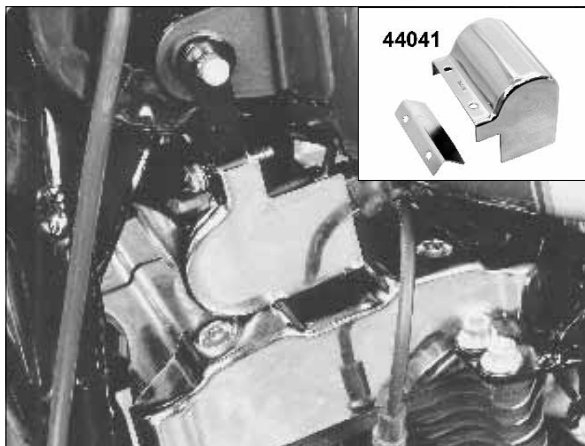
6820 FL and FX 4-speed 1965-84

Note: These coils may not be used with Accel Super coils due to clearance problems.

Stainless Coil Covers for XL

Stainless steel end caps to customize the coil on 1985-03 Sportster models. These parts are held on with double-sided tape and are not affected by vibration.

2988 Sold in pairs



Chrome Coil Cover FL and XL

44041 FL, XL 1983-03 (except fuel injected models)



Coil Cover for Harley FXR

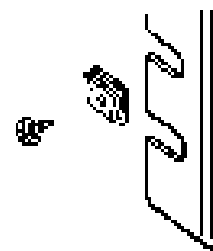
Chrome-plated coil cover for Harley FXR series motorcycles 1982-94.

2426 31625-82T

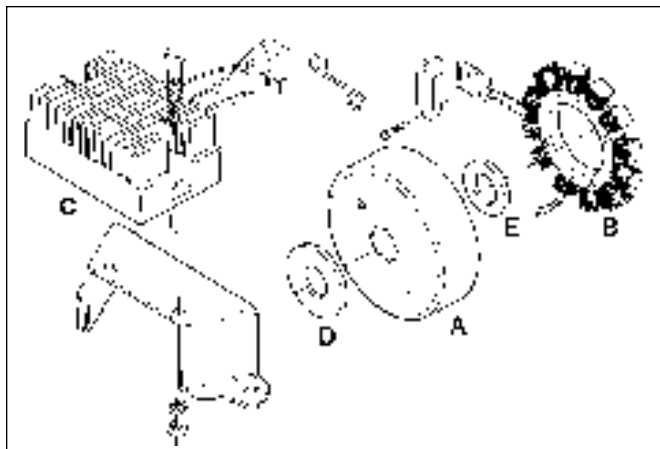
Coil Cover Speed Nut & Screw

Replaces 8115B & 3566W screw. 5 of each, fits 1965-84 FX-FL.

3486



Charging Systems



PCP	OEM	Description	Made in U.S.A
66321	29957-81B	(A)Rotor 32 amp	BT 1982-on
66325	29965-81B	(B)Stator, unmolded	BT 1981-88
66327	29967-84B	(B)Stator, unmolded	XL 1984-88
66340	74512-79A	(C)Regulator	BT 1976-80
66341	74516-86	(C)Regulator 22amp	BT 1981-88
66345	74504-78	(C)Regulator	XL 1978-81
66346	74504-82	(C)Regulator	XL 1982-E84
66347	74523-84A	(C)Regulator	XL L1984-90



Topline Stock RPM Ignition Modules

PCP	OEM	Fitment
66305	32399-84A	'80-'84 Shovelhead, '80-'82 XL models
66311	32436-91A	1983-85 XL 1000
66300	32408-90	Adapter cable necessary for pre 1990 models (except '80-'84 Shovelhead, '80-'82 XL)

S.S. Regulator Plug Retainer

Polished retainer secures the regulator plug to the front left motor mount. Sold each.

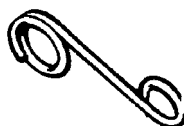
16240 BT 1970-99



Plug Retainer

Secures connector plug to alternator in engine case to prevent faulty contact. Replaces 45095-85. (10 pack)

16260 BT 1970-99 74 & 80



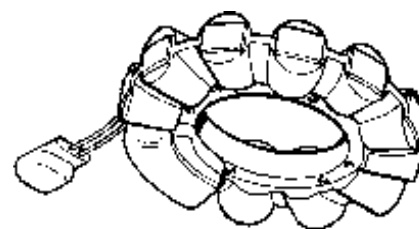
STATOR PLUG TYPES



Topline Alternator Kits

Fits 1982 and earlier Big Twin, FL, FX and FLT models. (Stock on 1983-88 models).

6568 32 amp optional upgrade 1980-95 (29985-87)



Unmolded Stators (Preston)

Unmolded type for 74 & 80 Twins 1970-on.

PCP	OEM	Years	Plug
5495	29965-70	1970-75	A
5496	29965-75	1976-80	B
5497	29965-81	1981-88	C

Molded Stators (Preston)

OEM quality, fully encapsulated for long service for Big Twins, 2 wire

PCP	OEM	Years	Plug
3328	29965-81A	1981-88 (Female)	C

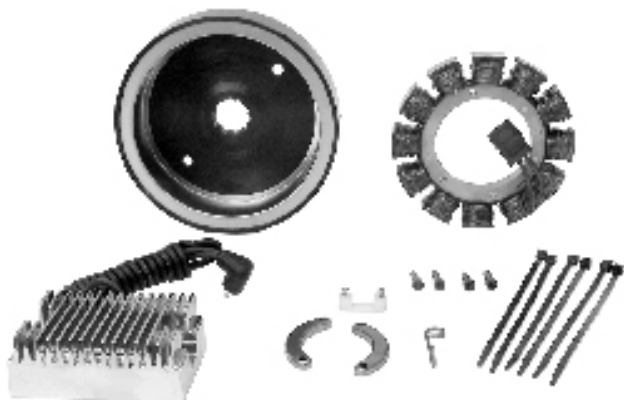


Stator Assembly Kit

Big Twins 1970-86 includes 2 (29988-73 Lock), 1 (29954-71) retainers, 4 (2653-screw), 2 (2216W screw). USA made.

PCP	Item
1960	Kit, all hardware
3337	(1) Nylon retainer (29954-71) (5 Pk)
24518	(2) Screw (2216W) (10 Pk)
13750	(3) Lock plate (29988-73) (10 Pk)
24519	(4) Screw 7/8"(2653) (10 Pk)
24560	Screw w/lock patch 7/8" (2712) (10 pk)
24561	Screw w/lock patch 1" (2720) (10 pk)
17000	(5) Plug and wire 1970-74 (A)
17001	Plug and wire 1976-80 (B)
17002	Plug and wire 1980-87 (C)
10116	(6) Roll pin 1959-81 XL (603) (10 pk)
13129	Retainer spring 1976-86 (11084) (5 pk)

Charging Systems



Volt Tech Alternator Kits BT 1970-99

Kit includes unmolded stator, rotor with stainless liner that seals magnets in place, black regulator and mount kit.

28514 22 Amp

28515 32 Amp



38 Amp 3 Phase High Output Alternator Kit

Includes sealed rotor, stator and regulator. Features Deutsch connectors and enclosed rare earth magnet rotor. Bolts in 1970-99 FX, FL. 3 Phase offers better low and high speed output, delivering a smoother charge to the battery.

28557



22 Amp High Output Alternator Kit

Stock on all 1983-88 models but fits all 1988 and earlier models as well. Replaces 29982-81

28556



Volt Tech Alternator Kit BT 1970-84

Includes 22 amp molded stator, rotor with stainless liner to seal magnets in place; chrome regulator and mount kit.

59058



Volt Tech XL Charging System 1984-90

Features vibration proof magnet construction where magnets are held in place by a stainless steel non-magnetic insert. Includes stator and chrome regulator.

59138 36791-84

FL-FX Volt Tech Rotors For 22 amp and 32 amp

Rotors feature magnets held in place by a durable non magnetic insert which reduces vibration.

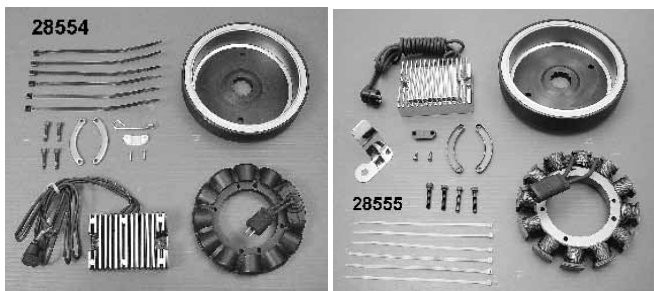
28512* 1970-90 22/32 amps

28513 1976-99 32 amps

*Note: Reinforced spline area



28512



Volt Tech Alternator Kit BT 1970-84

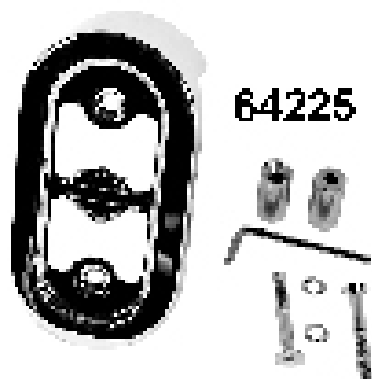
Includes stator and rotor with a stainless steel liner that holds magnets in place.

PCP Stator Amp

28554 Molded 18

28555 Open 32

Stator



Chrome Logo Voltage Regulator Cover
Features open centre grill for cooling of regulator.
64225 XL 1985-03 (74579-97)



Chrome Voltage Regulator Cover-No Logo
Chrome cover features open centre grill to allow for cooling of regulator.
45398 Fits 1985-03 XL

Chrome BT Alternator Rotor Cover 1981-on
Cover presses over 1981-on rotors for a tight fit.
45397



Chrome Regulator Mount Allen Hardware Kit
PCP Application
24095 1976-84 FX-FL
24096 1980-95 FXR-FLHT



28113



28111

Accel Stators-Made in U.S.A.

Stators replace stock OEM units and are listed as molded (M) or unmolded (U).

PCP	OEM	Application	Pin	Type
28111	29965-70	1970-75 BT	A	U
28112	29965-75	1976-80 BT	B	M
28114	29965-81	1981-88 BT	C	U
28113	29965-81A	1981-88 BT	C	M
28115	29967-84A	1985-90 XL	E	U

Battery Eliminator

If operating without a battery, ACCEL's new Battery Eliminator will boost spark voltage during starting and prevent light flickering at low engine speed. Comes with reliable shock-resistant cushioned clamp and attachment hardware.

5649 Battery-less operation



Regulator Bracket

Used to mount solid state regulators such as #5624 to all stock 1200cc frames.

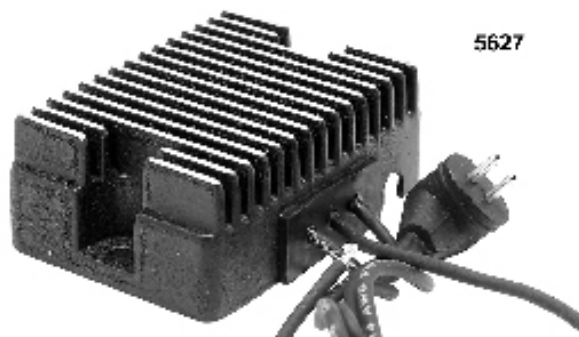
5629



STATOR PLUG TYPES



Regulators



Accel Solid State Electronic Regulators

Each Regulator is designed to perform with high reliability and features black finish for a stock look. All units are set to factory OEM specifications. Unlike other regulators, ACCEL's unique circuitry ensures that the battery cannot be drained by the charging system while your Harley is not in use. Each unit is complete with installation instructions and warranty card.

'Arlen Ness/Accel Custom' Solid-State

These units feature a domed design and show-chrome plating. All regulators are individually tested before shipment and are packaged with complete installation instructions and a warranty card. Made in America.

Black Year/Model	Charging System (Connector) Type	Ness Year/Model	Charging System (Connector) Type
5620 1970-1975 FL/FX (74510-70A)	(B) 15 Amp Alternator	28092 1981-88 BT (74516-86)	(A) 22 Amp Alternator
5621 1976-1980 FL/FLH, FLH-80, FLT, Classic 1976-1980 FX, FXE, FXS, FXS-80, FXEF-80 (74512-79A)	(C) 17.8 Amp Alternator	28097 1982-E1984 XL, XLS, XLX (74504-82)	(D) 12V Generator
5622 1978-1981 XLH, XLCH, XLS (74504-78)	(E) 12V Generator	28098 L1984-1990 XL (74523-84A)	(F) 19 Amp Alternator
5624 1965-1977 XL, XLH, XLCH (74510-64, 74511-65)	(G) Repl. 12V Mech. Reg. 1965-1969 FL, FLH 12V Generator		
5626 1982-E1984 XL, XLS, XLX (74504-82)	(D) 12V Generator		
5627 1981-88 BT (74516-86)	(A) 22 Amp Alternator		
5628 L1984-1990 XL (74523-84A)	(F) 19 Amp Alternator		

REGULATOR/RECTIFIER PLUG TYPES



Regulator Mount/Covers



Regulator Brackets

These chrome brackets mount solid-state regulators on models with solid-mounted motors.

PCP	Fits
2245	BT 1970-75 (74533-70TA)
649	BT 1976-86 (74533-75TB, 74534-80)



Chrome Regulator Cover

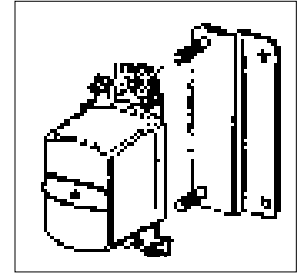
Sportster chrome Bosch regulator cover. Fits over stock cover, adds extra look in seconds.

2412

Delco Type Regulator Cover for HD

Smooth type Delco regulator cover. Chrome finish.

2411



XLCH Voltage Regulator Mount

For mounting Bosch regulator. Fits 1970-78 XLCH and replaces 74525-70. Zinc finish.

27335



Chrome Rectifier/Regulator Bracket

Rectifier/regulator bracket for all rubber-mounted motors (except Dyna Glide™) from 1980-on. Reproduction of the original, with the same gauge metal and mounting holes. For standard mounting and has two additional mounting holes to relocate the rectifier/regulator on custom applications.

1898 74529-79T

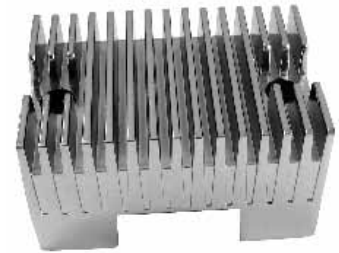


Chrome Regulator Bracket for Big Twin 1958-64

This bracket is a duplicate of the obsolete original equipment regulator bracket used from 1958-64 on all Big Twins.

Mounts to the rear motor mount holes.

3178 74531-58T



Chrome Solid-State Regulator Cover

These die-cast covers fit all stock or aftermarket rectifiers. They are engineered to improve cooling, helping to extend your regulator's life. Features 20% more fin area than stock unit and is grooved to interlock with your regulator.

4840 Fits all 4-speed or 5-speed BT 1970-on



Solid State Regulator Mount

Bolts directly to 2 brush generator housing on Big Twin and Sportster models.

Fits Accel & Preston's finned type regulators.

40400



XL Ignition Module Cover

Chromed steel cover replaces the standard black metal piece (OEM 66325-82) on Sportster® models from 1982-03.

4537 Smooth chrome (66328-82T)



Regulator Mounting Bracket

Bracket mounts to generator for installing Bosch-style regulators. Fits Big Twin and Sportster® models.

3341

Ignition



Mallory Unilite Breakerless Ignition Conversion Kit

Kit allows the conversion from breaker points to mechanical advance and points in BT and XL models. The self contained dual fire assembly has no moving parts to wear out. The points are replaced by the unilite module that consists of the integrated photo coupler, a signal processor, and a power switch. Each time the shutter wheel stops the infrared light from reaching the photo coupler, the electronic circuitry energizes the ignition coil. When the shutter wheel allows the infrared light to reach the photo coupler, the electronic circuitry allows the stored energy in the ignition coil to discharge. This unit can drive any ignition coil or combination of ignition coils with a total primary resistance of at least 2.0 ohms. It is recommended that ignition coils with 2.0-3.0 ohms be used for racing applications and 3.0-4.0 ohms for street and highway use. Converting to this unit is an easy three wire connection.

28239 BT 1970-78, XL 1979-95 and all models 1979-95 that have been converted to mechanical advance and points (32661-70)

28248 Unilite module only

28240 XL models 1971-78



28052



28060

Electronic Advance Distributor w/Rev Limiting

Mallory Ignition brings the benefits of modern electronic advance ignitions to early distributor equipped BT and XL models. These Mallory distributors give you the option of running either Single fire or dual fire mode when matched up with the appropriate coil. Choice of 14 pre-designed advance curves that cover from stock to high compression custom. Also features on board rev limiting, LED for easy static timing and will work with or without VOES input. Can be installed in stock heads and cylinders without disassembly of engine.

PCP Application

28052 1936-69 BT

28060 1952-70 XL



29514

Ignition Sensor Plate Assembly

29514 Sensor assembly 1980-93 FLT, 1980-94 XL (32400-80A)

Dyna Ignition



Dyna "S" Single Fire Ignition

Has the features of the Dyna "S", but fires front and rear cylinders independently of each other allowing accurate timing of each cylinder. Stock ignition systems fire both cylinders at the same time which has the wasted sparks on the exhaust stroke. This eliminates this inherent problem. For use with either dual or single plugged heads. For dual plug application use PC#17057 (DC-7) coils and single plug use 1 PC#17068 (DC-10) coil. On 1980-on models, use PCP #30054 advance mechanism.

17019 Kit (DS6-2)



Dyna "S" Dual Fire Ignition System

Completely self-contained and fits behind the ignition cover. It uses a magnetic rotor with the original spark advancer so that the factory advance curve is maintained. Improves performance, extends spark plug life, eliminates points and condensers. Easy installation and great for dual plugged heads. On 1980-on use advance mechanism PCP #30054. (DS6-1)

17020

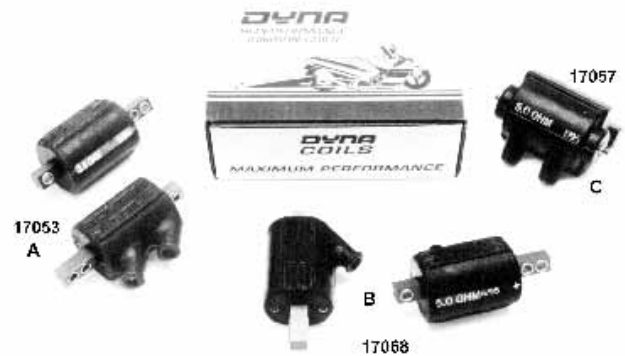
K.V. Products Recommends the Following coils for Dyna Ignitions

DS6-1 Ignition (17020)

Street, single plugs use DC-7 or DC-8
Race, single plugs use DC-1 or DC-6
Street, or Race, dual plugs use 2 DC-2 or DC5
(wired in Series)

DS6-2 Ignition (17019)

Race, single plugs use 2 DC-3
Street, dual plugs use 2 DC-7 or DC-8
Race, dual plugs use 2 DC-1 or 2 DC-6
Street, single plug use 2 DC 10-1

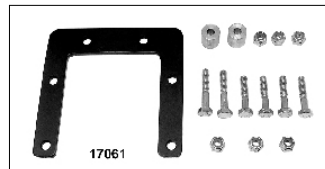


Dyna Coils

35,000 volt! Works with all points ignitions and aftermarket or factory electronic ignitions.

PCP	Volt	OHM	Style	DYNA	U/M	Type
17053	12	3	A	DC-1	Pr	Angle-Dual
17054	6	1-1/2	A	DC-2	Pr	Angle-Dual
Use 2 for dual plug heads.						
17056	12	3	C (elect.)	DC-6-1	Ea	Stock-Dual
17057*	12	5	C	DC-7-1	Ea	Stock-Dual
17058	12	3	B	DC-3	Pr	Angle-Single
17059	12	5	A	DC-8	Pr	Angle-Dual
17068	12	5	B	DC 10-1	Pr	Angle-Single

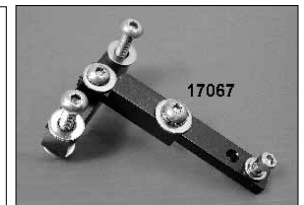
*Use 2 for single fire ignition



BT Dual Coil Brackets

Available in black steel. Mounts 2 Dyna coils 17053, 17054, 17058 or 17059

PCP	Year	Type
17060	1965-81	Mounts to stock coil mount holes
17061	1982-85	Mounts to existing coil brackets



Dyna Coil Mount

Mounts 2 Dyna coils 17053, 17054, 17058 or 17059 on 1965-85 FL, FX. Black anodized billet aluminum with stainless hardware. Will Accept stock coil cover.

17067

Dyna Ignition



Daytona Twin Tec Internal Ignition Kit
For 1970-84 Shovelhead Big Twin and 1971-85 Sportster models. Kit includes ignition, coil, and spark plug wire set.
28822

Dyna 2000i Digital Ignition

Available as complete kits that include the correct coil or as modules only. Features include single or dual fire operation, 8 advance curves, built in tach driver, adjustable RPM limit from 6000 to 7500 and easy static timing with built in timing indicator. Fits all 1970-98 carbureted models and requires 1983-on sensor cup for 1982 and earlier applications.

PCP	Description
17108	Module only (D2Ki-1)
17109	Kit, single plug/single fire with DC3-1 coils (D2Ki-2)
17110	Kit, dual plug/single fire with DC1-1 coils (D2Ki-3)
17111	Kit, dual plug/dual fire with DC2-1 coils (D2Ki-4)
17112	Kit, single plug/single fire w/DC6-5 mini coil (D2Ki-5)
29100	Ignition rotor cup 1983-99 w/carb (32402-83)



Plug N'Fire Distributor
Accepts cone style ignitions for 1970-on applications. Distributor top can be removed without removing front head.
28390



Replacement Rotor for Dyna Ignitions

PCP	Application
17027	DS-6-1
17040	DS-6-2
29100	Ignition rotor cup, 1983-99 w/carb(32402-83)

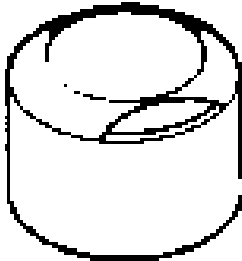
Solenoid/Relay



Bendix Starter Drive

These starter drive units will fit all electric start models from 1965-88 (except 1981-88 Sportster®).

592 31443-65TA



Rubber Solenoid Cover

Black rubber solenoid cover for Harley Big Twins. Fits all models (OEM 31444-65A & 31475-77).

2778



Solenoid Covers

PCP	Fits
45001	1980-88 FLT, FXR 5 speed (31354-87T)
45002	1965-88 All except XL 4 speed (31352-85T)
45003	1965-85 FL, FX 4 speed only (31353-85T)



Starter Relay

Fits HD 74 1967-72 and replaces 71455-67.

28214



1294



62021

Starter Relays

PCP	Description
1294	FL and FX 73-78, XL 74-78 and all models from 1980-on using round plastic, terminal-style relay. (71463-73TA)
62021	Relay with diode for 1979-99 using a plastic square bodied 'plug' style relay. (31504-91B)



4400



45178

Chrome Ignition Module Cover

This chrome cover fits over the ignition on all 4-speed FL 1980-84, FX 1980-86.

4400 Smooth (32407-88T)
45178 Louvered



Starter Relay Cover

A chrome relay cover complete with mounting spacers and screws. This cover fits all Harley FL models 1965-84.

4043 66425-68

Solenoid/Relay



Accel 5 Spd Starter Solenoid.

Replaces OEM 31489-79. Fits all 1979-88 FLT's and 1982-88 FXR's. Available in either zinc plated or chrome finish.

5677 Zinc

5678 Chrome



Accel 4 Speed Start Solenoid

Heavy-duty replacement solenoids. This starter solenoid offers extended service life plus the custom look of show chrome. Replaces OEM 71469-65. Fits FL; FLH; FXE; XL; XLS 1965-84.

5675 Chrome

5676 Zinc



Accel Starter Relay

PCP Description

5641 FL, FX 1973-79, XL 1974-79 and all models from 1980-on using round plastic, terminal-style relay. (71463-73TA)

3329 All models 1979-99 using a plastic square bodied 'plug' style relay. (31506-79C) Not Accel or OEM



Accel® Starter Drive

This American-made starter drive features: high strength, five-roller clutch, stainless steel springs; hardened, ramped clutch receivers and bronze bushing. Fits all electric start models from 1965-88(except 1981-88 Sportster®).

5640 31443-65A

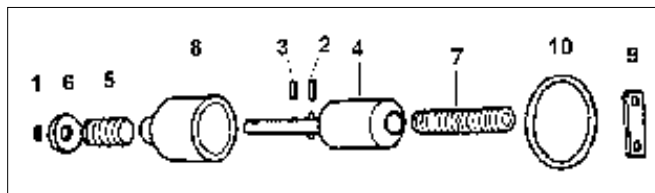


Accel Starter Solenoid Repair Kit

BT 1965-88 XL 1965-80

Repair kit for the electric starter solenoid. Includes all parts necessary to rebuild any OEM or aftermarket solenoid.

5642 71465-85T



Solenoid Plunger Hardware.

Parts listed below fit 1965-88 4 speed solenoids

PCP	OEM	Item	#
17218	-	Complete kit (as shown)	
13045	31438-65A	Over-Run spring (10 pk)	5
13046	31440-65	Return spring (10 pk)	7
17010	31435-65	Plunger	4
10101	255	Roll pins (25 pk)	1
10102	600	Roll pins (10-pk)	2
10103	601	Roll pins (10-pk)	3
23000	31441-65A	Plunger boot	8
17012	31439-65	Retainer 1965-84	6
17011	31452-65	Spacer	9
79433	60645-65	Gasket (10 pk)	10

Starter Related



Electric Start Conversion Kits

Kits fit Big Twin 1970-84 4 speed models and include: Hitachi or Prestolite style starter, black battery box, solenoid, starter housing, relay, related hardware, and brackets. Existing clutch drum must have starter ring gear attached. Battery side cover, top, and strap are not included. Sportster as noted.

PCP	Type	Model
90114	Hitachi	FXE 1971-79
90173	Hitachi	FXE 1980-84
90115	Hitachi	FXB 1980-84
90116	Prestolite	FLH 1970-79
90174	Prestolite	FLH 1980-81
90117	Prestolite	FLH 1965-69
90175	Hitachi	FLH 1982-84 (belt)
90118*	Prestolite	XLCH-XLH 1971-78
90119*	Hitachi	XLCH-XLH 1971-78
90125*	Hitachi	XLH 1979-80

*Electric start oil tank required for these models



Starter Housing and Hardware Kits

Kits include housing shaft, gear arm, pin, starter drive, and related mechanical hardware only. **Note:** Starter and electrical components are not included.

PCP	Application	Type
28222	BT 1965-69	Prestolite
28223	BT 1970-84	Prestolite
28224	BT 1970-85	Hitachi
28225	FXSB 1980-84	Hitachi
	FLH Classic 82-84	
28228	XL 1967-80	Hitachi
28229	XL 1967-80	Prestolite



Chrome Starter End Cover

PCP	Description
45176	Complete with Hitachi bracket and hardware for XL 1981-93 (31357-88T)

Starter Related



Prestolite Type High Torque Starter Motor

Features 1.4 kw design that generates more power and shaft speed than the original type .8kw starter.

PCP	Finish
53117	Black
53118	Chrome

65403

1510



Starter Ring Gears

For replacement on stock clutch hubs only.

PCP	Description
2819	BT 1965-85 (weld-on)
1510	XL 1967-80 (33162-67), (weld-on)
65417	XL 1981-E84 (weld-on)
65418	XL L1984-90 (weld-on)



53119

Hitachi Type High Torque Starter Motor

Features 1.4 kw design that generates more power and shaft speed than original type .8 kw starter.

PCP	Finish
53119	Black
53120	Chrome

Starter Brush Spring

Fits Hitachi starter motors 1973-on.

PCP	Application
13161	1973-80 (31593-73) (10 pk)
13007	1981-on (31593-81)
13160	1981-on compression (31557-81)



53153



53134

Accel Ultra Tork Starters

Available in 1.4 Kw and 1.8 Kw to start even the meanest V-Twin. Comes with lifetime clutch and 5 year warranty from Accel.

Chrome	Year	Model
53153	1974-88	All BT with Hitachi
	1974	All XLH with Hitachi
53154	1966-82	All FL with Prestolite
	1967-80	All XL with Prestolite



29042

Starter Idler Gears

Replaces original type on 1981-90 XL.

29042	31598-89
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Starter Related

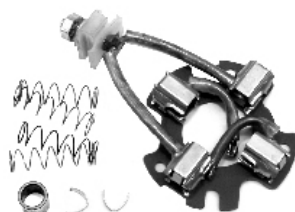


Starter Shaft Housing

Aluminum housing for 1965-on BT models. Starter shaft needle bearing included.

PCP	Starter	Application
4996	Prestolite	1965-E79, 1971-72 FX (31465-65)
4997	Hitachi	1973-79 FX (31572-73)
4985	Hitachi	L1979-85 FXE 4 speed, 1980-83 FXWG (31572-79)
59119	Prestolite	L1979-82 FLH (31465-79)

Prestolite Starter Repair Kit FL L1966-82 17207



Chrome Hitachi Starter Bracket FL 1982-E84 27146 66098-82 (each)



Hitachi Starter Hardware Kit

Kit includes brushes, holder, springs, thru bolts, and insulator commutator end bushing for 1973-80 XL and 1973-88 BT. 17239



FL Starter Shaft 1965-69 17237 31482-65



Starter Solenoid Kit FL 1965-84

28131	Zinc
28132	Chrome



Starter Shaft Assemblies

Kit includes shaft, drive nut, collar, bearing and thrustwasher.

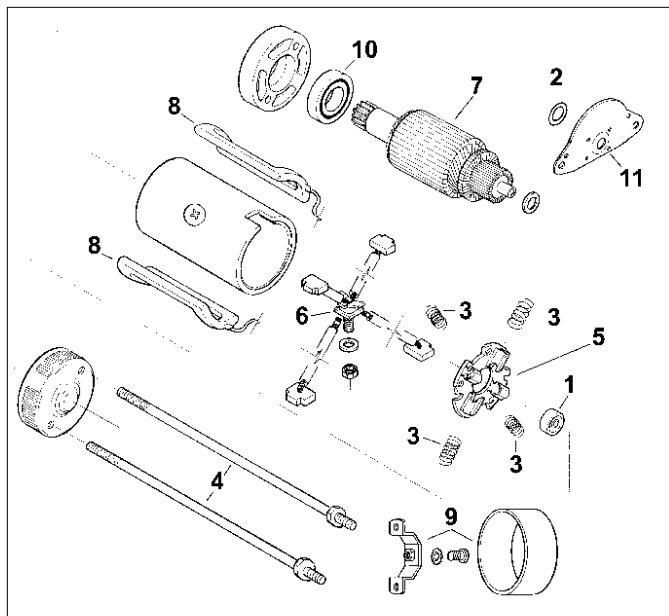
PCP	Application
28150	1970-84 FLH
28151	1980-84 FXB, 1982-84 FLH



Starter Shafts and Spacers

PCP	Description
2900	BT 1970-85 (not FL 1983-84) (31482-70)
62221	BT 1982-86, FLH 1983-on (31310-80A)
62211	FLT, FXR 1979-84 (33120-79)
62214	XLH 1967-80 (31483-67)
2901	Preston as above
12548	Nut and spacer only BT 1965-84 (31530-65A)
62222	Spacer FLT, FLH-80 1982-on (31311-80)
62213	Spacer FLT 1979-88 (33121-79)
5514	Spacer XLH 1967-79 (31490-67)

Starter Related



Prestolite Style Starter Components

Prestolite type starter motors replace originals on 1966-81 FL, 1980-82 FLT, 1982 FXR, 1967-73 XL, 1977-80 XL models. Unit has a 6" overall body length.

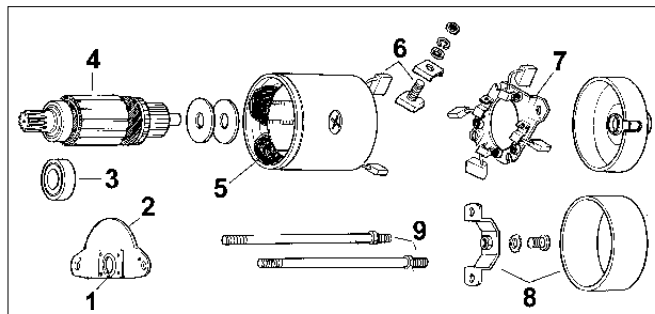
#	PCP	Description
1	15720	Bearing BT 66-82 XL 67-73 & 77-80 (9073)
2	14501	Deflector plate 0-ring 66-86 (11101) (10 pk)
3	13159	Brush spring set (4) 1966-82 (31534-66)
4	4019	Case thru bolts 1966-82 (31535-66) (pr)
5	3344	Holder (bare, no brushes) 66-82 (31537-66)
6	3113	Brush set with post 1966-82 (31541-66)
7	3112	Armature 1966-82 (31542-66)
8	5688	Accel field coil set (4 pcs) standard FL 1966-82 & XL 1967-80
	5687	As above with 30% more cranking torque for stock or modified engines
9	2414	Chr. end cover BT 65-88, XL 67-80 (31565-67)
10	15748	Bearing, drive end FL 66-82 (31539-66)
11	4029	Oil deflector plate FL 66-82 (60516-65A)



Prestolite-Type Starter Motors

Reproduction of the original equipment Prestolite electric starter motor used on many Harley-Davidson models from 1966-82.

PCP	Description
4355	Black starter motor (31458-66A)
4820	Chrome starter motor (31463-82T)
2414	Chrome end cover (31565-67)



Hitachi Style Starter Components

Hitachi type starters are replacements for originals on 1974-76 XL, 1974-88 FXE, 1982-84 FL and 1983-88 FXR-FLT. Parts interchange with original and it has a 5" overall body length.

#	PCP	Description
1	14501	Deflector plate 0-ring 1966-86 (11101) (10 pk)
2	4029	Oil deflector plate FL 1966-82 (60516-65A)
3	15734	Bearing BT 1973-87, XL 1974-76 (31583-73)
4	3114	Armature 1974-88 (31580-73)
5	4030	Field coil set ONLY 1974-84 (31579-73)
6	3115	Brush set 1974-81 (4 brushes no post) (31582-73)
	17200	Brush set (4 pcs) XL 1981-94 (31596-85)
7	17013	Holder assembly (4 brushes) 1973-88 (31581-73)
8	2414	Chr. end cover BT 1965-88, XL 1967-80 (31565-67)
9	17014	Case thru bolts (31576-73) (pr)



Hitachi-Type Starter Motors

Reproductions of the original equipment Hitachi electric starter motor used on many Harley-Davidsons from 1973-88.

PCP	Description
4805	Black starter motor (31570-73)
4806	Chrome starter motor
2414	Chrome end cover (31565-67)



Chrome Starter End Cover

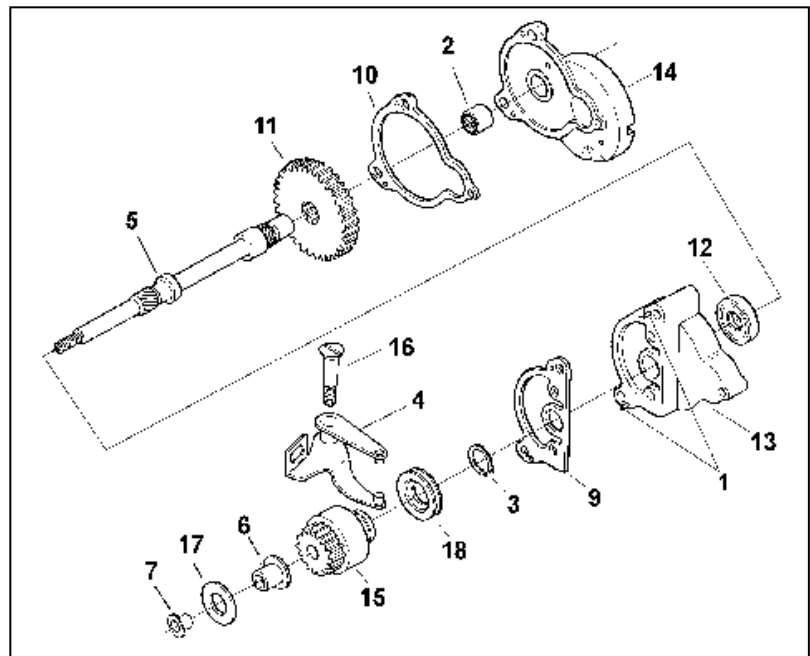
A simple-to-install chrome starter motor end cover kit for all Sportster® models 1967-80 and Big Twins with Hitachi or Prestolite starters 1965-88

PCP	OEM
2414	31565-67
45456	1984-85 FL with Prestolite (31524-80)

Starter Related

Starter Shaft Related 1982-on FLH-80, Classic

	PCP	OEM	Item
1	10106	334A	Roll pin (10 Pk)
2	15608	9062	Housing needle bearing
3	11020	11039	Retaining ring (10 Pk)
4	62220	31300-80A	Shift lever
5	62221	31310-80A	Starter shaft
	21849	As above	Preston
6	62222	31311-80	Spacer, shaft
7	12545	31312-80	Shaft nut
9	25187	31320-80	Housing gasket (10 Pk)
10	25188	31321-80	Cover gasket (10 Pk)
11	62203	31340-80	Shaft gear
12	14037	31341-80	Oil seal (5 Pk)
13	62224	31387-80	Housing, Classic
14	62225	31397-80	Housing cover
15	592	31443-65A	Bendix drive
16	4026	31478-65A	Pivot bolt
17	11823	31502-65	Thrust washer (5 pack)
18	4023	31503-65	Shift collar



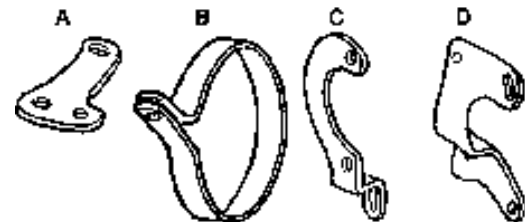
913

914

Chrome Starter Covers

These chrome starter motor covers install in minutes and fit a wide variety of models.

PCP	Fits
913	4-speed FX models from 1974-86 and 1974-E76 XLH with Hitachi starter motor (31351-83T)
914	4-speed FL models (except Classic), 1966-82 and 1967-80 XLH with Prestolite starter motor (31350-83T)



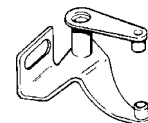
Starter Motor Brackets and Clamps.

PCP	OEM	#	Description
4549	31476-66	A	Chrome Prestolite BT 1966-84
27106	31473-67	B	S.S. Prestolite XL 67-80
27107	31479-83	C	Zinc Hitachi BT, FXR 1983-89
27133	66098-82	D	Black Hitachi BT FLH 1982-E84
27146			Chrome as above

Starter Shift Lever

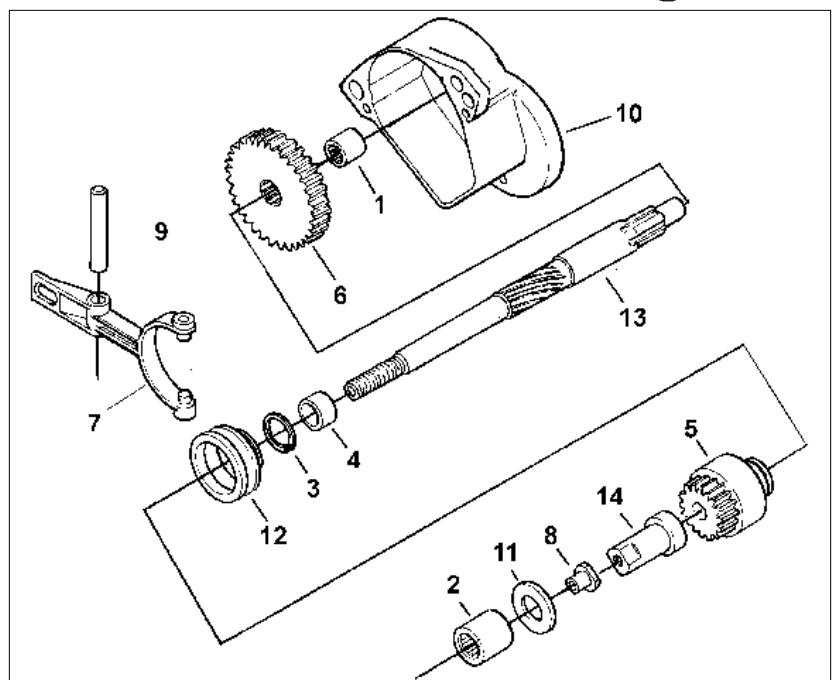
For 4-speed belt drive models.

27120	31300-84
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FLT 1980-on, FXR 82-on Starter Related Hardware

#	PCP	OEM	Item
1	15608	9062	Housing needle bearing
2	15609	9063	Cover needle bearing
3	11020	11039	Retaining ring, collar (10 Pk)
4	3058	11041	Spacer
5	592	31443-65A	Bendix drive
6	4904	31486-65	Gear 1980-85
7	62204	31491-79	Shift lever, starter
8	12547	31493-67	Nut, shaft
9	10133	31495-79	Pivot pin
10	62205	31497-79	Housing, 1980-FLT
	21701	31497-83	Housing L1983-85
11	11823	31502-65	Thrust washer (5 pk)
12	4023	31503-65	Shift collar
13	62211	33120-79	Starter shaft, 1979-84
	28294		Preston, as above
14	62213	33121-79	Spacer, shaft

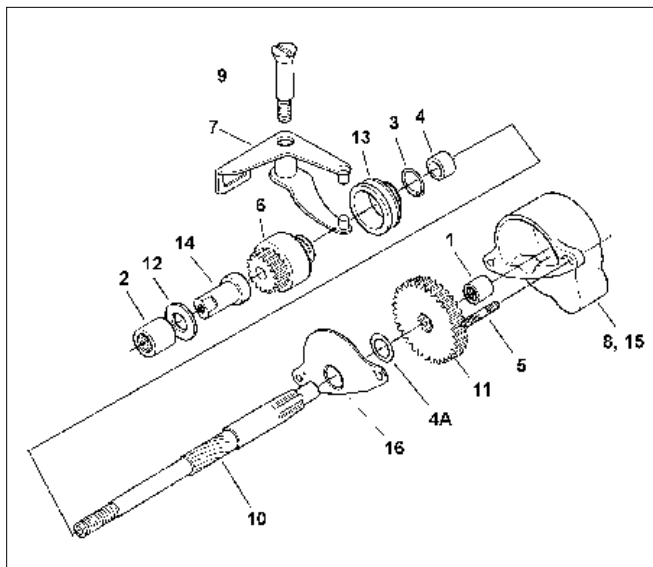


Starter Related

Starter Shaft Related- 4 Speed

Parts fit 1970-79 FXE, 1965-on, FLH 4 speed chain drive.

	PCP	OEM	Item
1	15608	9062	Needle bearing
2	15609	9063	Needle bearing BT 1965-88
3	11020	11039	Retainer 1965-88 (10 Pk)
4	3058	11041	Shaft spacer 1965-88
4A	14501	11101	O-Ring 1966-86 (10 Pk)
5	10828	24811-59A	Stud 1965-72(5 pack)
6	592	31443-65A	Starter drive 1965-88
7	3598	31445-65A	Gear lever FL 1965-E79
8	4996	31465-65	Prestolite housing FL 65-E79, FX 71-72
	59119	31465-79	Prestolite, FL L 1979-82
9	4026	31478-65A	Pivot bolt 4 speeds
10	2900	31482-70	Starter shaft 1970-85
11	4904	31485-65	Gear
12	11823	31502-65	Thrust washer 1965-84 (5 Pk)
13	4021	31503-70	Shift collar
14	12548	31530-65A	Shaft nut/spacer 1965-82
15	4997	31572-73	Hitachi 1970-E79, FX 1973-79
	4985	31572-79	Hitachi L 1979-85
16	4029	60516-65A	Oil deflector



Starter Block-Off Kit

Use on all Big Twins 1965-1984 when electric starter is removed, all parts chromed, U.S.A. made.

3756 Kit



Starter Block-Off Plate

Stock on all 1970-on XLCH's but may also be used on all 1970-on XLH's, 1970-78 XL when starter assembly is removed. Replaces OEM 31460-70. Chrome plated.

5513



Starter Bracket

Replaces 31476-66 on 1966-on Prestolite starters.

4549 Each



Starter Drives

These drives fit BT 1965-88 4 speed and XL 1965-80.

5640 Accel Heavy Duty (31443-65A)

592 Standard (31443-65A)



Late Model Drives

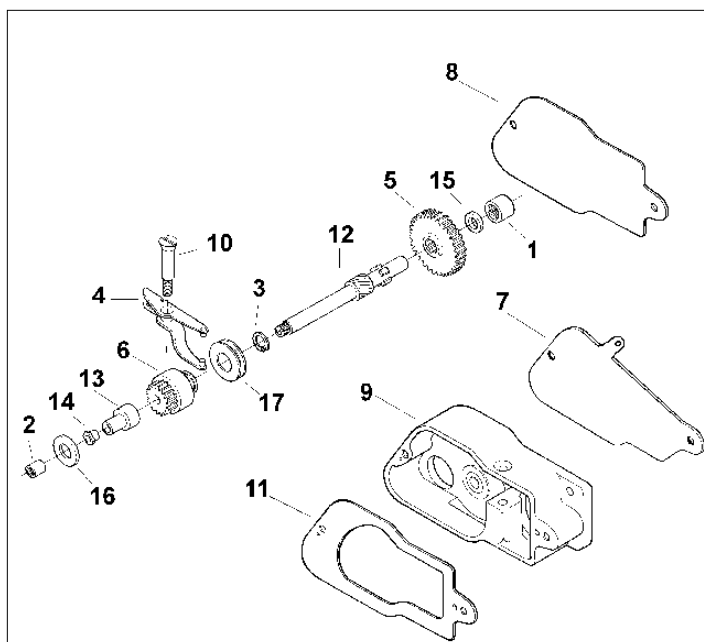
28468 Assembly, 1981-90 XL (31567-81)



XL Starter Shaft Assembly 1967-80

Order starter drive separately.

17286

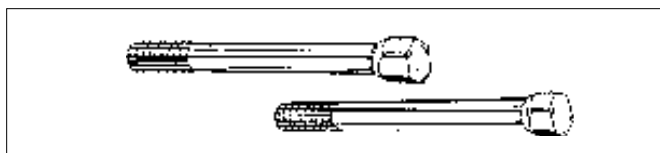


XLH Starter Parts

Parts listed below fit 1967-80 XLH electric start Sportster

	PCP	OEM	Item
1	15608	9062	Bearing
2	15609	9063	Bearing
3	11020	11039	Snap ring (10 Pk)
4	4022	31424-67	Lever
5	5517	31429-67	Gear
6	592	31443-65A	Bendix drive
7	5513	31460-70	Block off plate XL 1970-78
8	79301	31461-70	Gasket XLCH 70-78 (10 pk)
9	29084	31462-67	Prestolite housing 1967-72
	29085	31462-74	Hitachi housing 1973-78
10	4024	31478-67	Bolt
11	25104	31471-67A	Gasket XLH 1967-80 (10 pk)
12	2901	31483-67	Shaft, imported
	62214	31483-67	Shaft, U.S.A
13	5514	31490-67	Spacer 1967-79
14	12547	31493-67	Nut
15	5516	31504-65	Washer
16	11823	31502-65	Thrust washer (5 pack)
17	4023	31503-65	Collar 1967-on

Generators



Generator Mounting Screws

74" & 80" Big Twins

PCP	Year	Brush	Style
1695	1936-57	3	Acorn
2152	1936-57	3	Chrome stock
8152	1936-57	3	Cad stock
5345	1936-57	3	Chrome allen
1694	1958-69	2	Acorn
2125	1958-69	2	Chrome stock
5194	1958-69	2	Cad stock
5346	1958-69	2	Chrome allen

Sportster 1957-70

8877	1957-70	2	Chrome stock
8878	1957-70	2	Cad stock
1728	1971-84	2	Acorn
5378	1971-84	2	Allen

45 Cu. In 1937-73

5205	1937-57	3	Chrome stock
1168	1937-57	3	Cad stock
5206	1958-73	2	Chrome stock
1552	1958-73	2	Cad stock

74" & 80" ULH 1930-48

9108	1930-48	2	Chrome stock
9109	1930-48	2	Cad stock



Generators with Built In Regulators

Black, 2 brush style generators by Cycle Electric, fit all styles XL 1952-81 and FLH (including Flatheads) 1936-69. On pre 1958, case must be drilled to accept 5/16" mount bolts. Gear kits sold separately. PCP# 6543 will also replace Hitachi generator on 1981-E85. For XL models, order PCP#28122 gear kit to complete installation. PCP#28233 is low output for use with mini 12V battery #6875. PCP# 59052 and 59053 will also replace Hitachi generator on 1981-E85 XL models.

PCP	Volt	Description
6543	12V	High output 1965-E84
28950	12V	Regulator only for #6543
28233	12V	Low output generator using a mini battery
28952	12V	Regulator only for #28233
28121	BT	Gear kit 13T 1958-69
59050*	12V	Low output, black
59051*	12V	Low output, chrome
59052*	12V	High output, black
59053*	12V	High output, chrome
28238	6V	Standard, black 1952-64

*Not Cycle Electric



12 V Generators 1965-81

New tooling has produced updated versions of these **imported units** in black and chrome, replaces 29975-65A 2 brush.

PCP Description

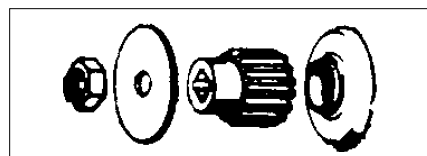
28930	Black (10 amp) (29975-65A)
28931	Chrome (10 Amp) (29976-83T)



Hitachi Style Generator Parts

Replaces 29978-77A on XL 1977-84 models as a high output unit. Can also be used to update other 12 volt, 2 brush systems.

N/A	Complete generator
14035	Oil seal XL 1982-84 (29911-82)
5686	Brush set 1981-84 (29913-82)
15724	Ball bearing, end cover (29916-82)
79198	Gasket (30143-58) (10 pk)
4013	14T Drive gear (31073-63A)
45462	Chrome end cover (31599-82)



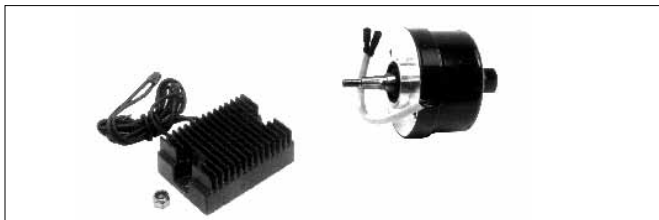
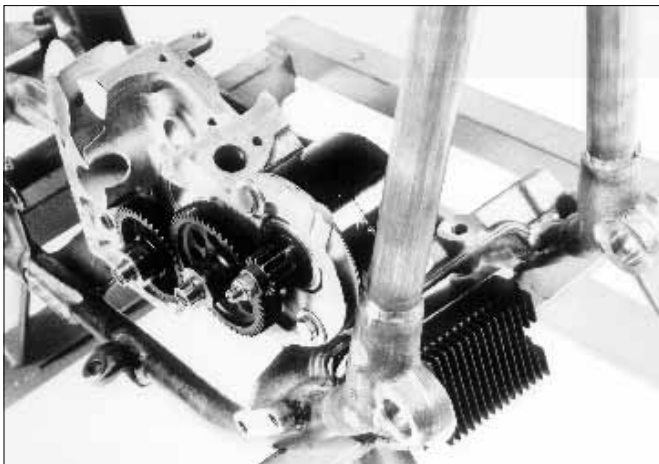
Generator Gear Kit

Kit includes gear, deflector nuts and proper pieces for each application.

PCP Application

28121	74 FLH 1958-69, 2 brush 13T
28122	XL 1959-81, 2 brush 14T
28137	1932-57, 3 brush
28138	1937-57, 3 brush SV

Generator



Solid State Regulator for 12V Generator

Fits on BT 1965-69 12 volt XL 1965-77.

28134

Generator Alternator (USA) (Less Drive Gear)

This kit replaces the generator and regulator on all 6 or 12 volt models. Special features include 17amp @ 1000 rpm high power output, billet housing, and a stronger than stock stress proof shaft. Includes a black or chrome alternator and a solid state regulator. Mounting holes in case must be drilled out to 5/16" size to accept late model bolts. Fits 1965-69 12 volt BT and XL 1965-83; as well as, pre 1965 which have been converted to 12 volt electric.

Detailed instructions included. (not for mini-battery 5.5A)

28253 Complete kit, black (recommended for FXE battery)

59816 Complete kit, chrome

59817 Complete kit, black with built-in voltage regulator

5627 Replacement black regulator BT 1981-88 (74516-86)

5629 Regulator mount bracket



Volt Tech Chrome Regulator End Cover

12V Cover with needle bearing installed features solid state components in generator end cover.

28128 For regular sized battery

28129 For mini battery, PCP #6875



U.S.A. Generators (Cycle Electric)

12V 2 brush units are built from OEM type components. All styles fit 1952-84 XL models, FLH models 1936-69. On pre-1958 FL models case must be drilled to 5/16". Also available with solid state regulator built in end cover. 10 amp style.

PCP Volts Description

6542 12 Black (29975-65A)

6543 12 Black with regulator

28950 Finned regulator only for #6543

Generator Terminal Nuts

Brass type as OEM replaces 7634, on all Brush generators 1930-on. (10 pack)

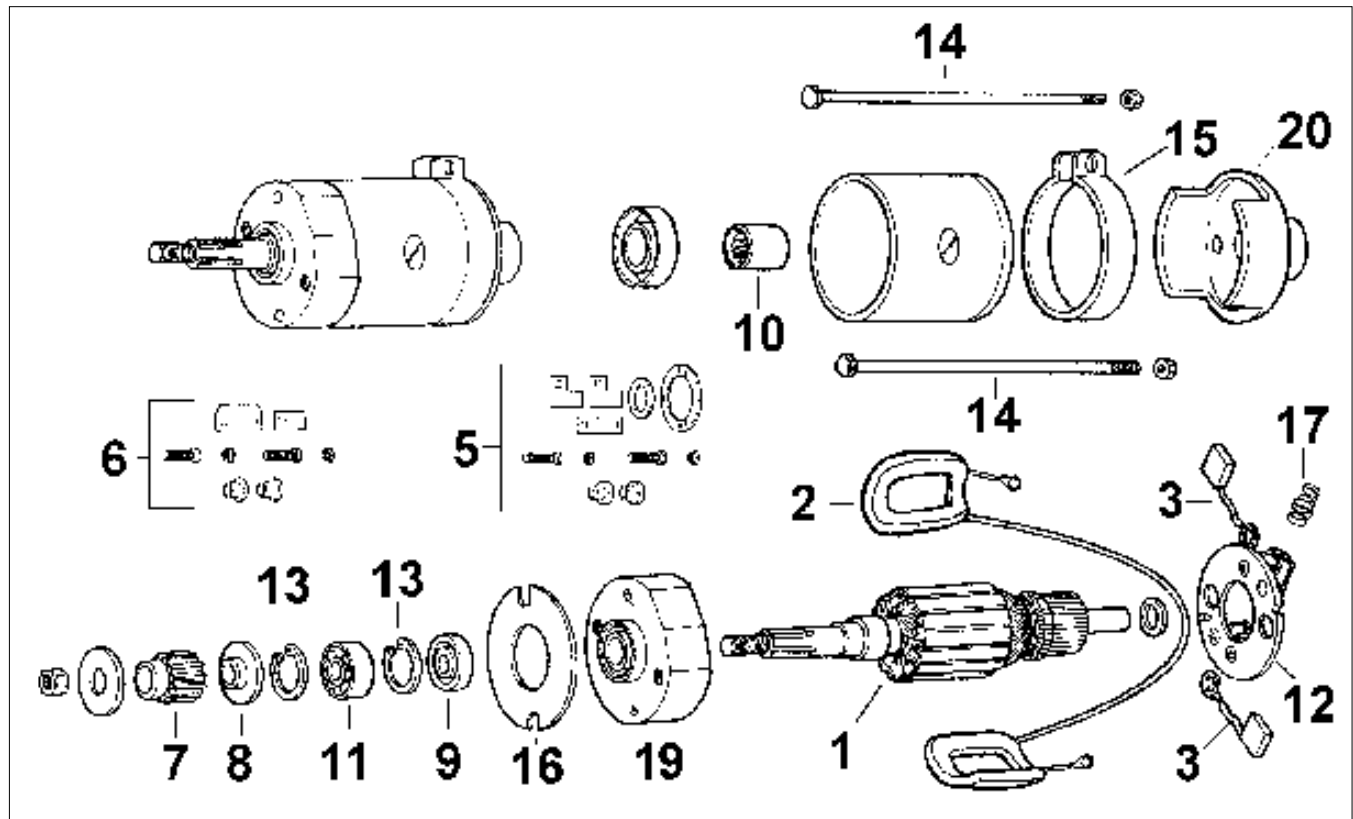
12503



12 Volt Regulator End Cover (Cycle Electric)

Made in the USA for stock 1965-81 generators (29975-65A). This unit features solid state components in a finned end cover equipped with needle bearing installed. (remove stock end cover and replace with this regulator end cover for better controlled charging).

28104



PCP	OEM	Description	PCP	OEM	Description
1 619	30851-32	6 volt Armature 1932-57	8 4015	31035-31	Gear end oil deflector 1932-57
620	30851-58	6 volt Armature 1958-60 (not fan cooled)	2068	31035-58	Gear end oil deflector 1958-69
5680		Accel 1961-64	9 14036	30145-46A	Armature oil seal 1958-69
5679	30851-65A	Accel 12 volt Armature 1965-82	10 15611	9088	Commutator end needle bearing
2 616	30202-52	Field Coils 6 volt 1952-57	11 15711	9007	Gear end armature bearing
5682	30201-65	Field Coils 12 volt 1965-84			1958-69
3 5683	30425-32	Brushes 1932-51	12 3340	30385-32	6 volt generator 3 brush holder 1932-57
5684	30425-51	Brushes L 1952-57	4016	30350-58	6 volt generator 2 brush holder 1958-64
5685	30426-58	Brushes 1958-80	3338	30350-66	12 volt generator brush holder 2 brush 1966-81
5686	29913-82	Brushes 1981-84 Hitachi			Generator end cover retaining ring BT 1958-69, XL 71-81 (10 pk)
5 609		Insulator kit 1932-57	13 11004	11004	Generator Body frame screws 1932-57 (Pair)
6 610		Insulator kit 1958-on	14 4017	30012-32	Generator Body frame screws 1958-81 (Pair)
7 4011	31070-30	Drive gear B.T. 3 brush 1936-57	4020	30012-58	Generator Body frame screws 1958-81 (Pair)
1277	31070-58	Drive gear FL 1958-69, 14T	15 3339	30475-66	Chrome generator brush cover band 1966-80
4013	31073-63	Drive gear XL's 1963-81, 14T	28140		As above, black
			16 79196	30138-30	End cover gasket 1932-57 (10 pk)
			79198	30143-58	Gasket BT 1958-69 (10 pk)
			17 13155	30453-58	Spring BT 58-69, XL 58-81 (10)
			19 17215	30095-61C	Gear end cover chrome
			20 17216	30132-61C	Chrome end cover 1961-69

Note: All generators are delivered less drive gear. The 13 amp system does not interchange with the earlier 10 amp system—do not attempt to interchange the parts of the two systems.



Accel® Generator Armature-USA

These armatures feature: heavy gauge copper wire windings, long life solid copper commutator and heavy service lamination segments.

PCP Description

5679	12 Volt XL, 1965-82; FL 1965-69 (30851-65A)
5680	6 volt XL, FL 1961-64 (30851-61)

Generator End Cover

Replaces 31081-83T on 2 brush models. BT 58-69, XL 57-81. Chrome.

2413



Generator Related



Colony Generator Positive Terminal Screw Kit

Reproduction of original hardware.

72126 BT 1932-57

72127 BT 1958-69



Generator Rebuild Kit

Complete as shown, all small parts necessary for rebuilding a 6 or 12 volt, 2 brush generator.

28139 Complete kit

4020 Body bolt (30012-58)



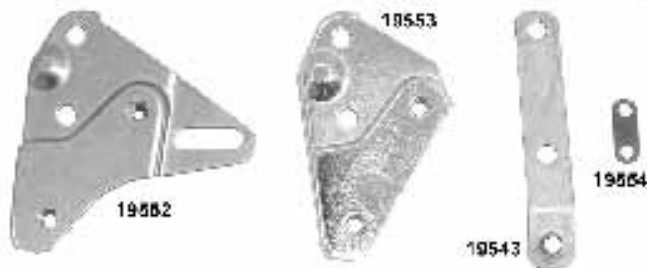
Generator Hardware

PCP Application

15709 Commutator end (9004)

15710 1949-64 Brush End (9005)

18640 End cover bushings (30148-58)



Antique Mount Plates

PCP Application

19552 Relay mount BT 1936-46, OHV (74765-36)

19553 Relay mount BT 1947-64, OHV (74765-47)

19554 Plate spring washer (32666-30) (5 pack)

19543 Spark cable bracket 1947-53 (56628-47)



Generator Body Covers

894 2 Brush-XL 1957-81, 74" 1958-69

895 3 Brush--74" 1932-57



Chrome Generator Mount Strap

Fits 3 brush type.

PCP Application

19637 1932-52 45 and SV (30025-30)

19638 1936-57 BT OHV (30025-36)

19639 As above, parkerized

8214* Mount kit for all models, cadmium

9681* As above, parkerized

*Note: Includes screw, shims, washers



Plug Wire Holder Bracket

19633 1937-63 45 SV (32000-37)

3998 1966-on FL, 74 OHV Rear (32000-37A) chrome



Chrome Generator End Cover

Chrome generator end cover for BT 1930-57 and 45" models. End cover has 1/4" x 24 thread mount holes.

19483 Chrome end cover only



Ignition Distributors for Harley

Top quality ignition distributors for all Big Twins 1936-69, and Sportster. We offer both the 1936-65 double bolt hold down, and the 1966-69 single bolt hold down styles. All versions are complete with auto advance mechanism, drive gear, and all internal parts. The 1966-69 model also includes the hold down clamp (OEM 32516-66).

- 1233** 36-64 Complete distributor (auto, 2-hole mounting)
- 4357** 66-69 Complete distributor (auto, 1-hole mounting)
- 17102** Auto advance unit for auto distributor
- 28212** 52-70 XLH complete distributor (1-hole mounting)
- 25108** Base gasket 1954-64 (32522-37) (10 pack)
- 19365** 52-70 XL clamp (32515-66)



Accel® Mechanical Regulators

Top-notch American-made Accel® regulators. Every unit features heavy-duty shock mounted steel bases, vibration-resistant wire connections, fibre and mylar insulated pads, and large diameter contact surfaces.

12-volt Bosch style. Fits XLH 1965-66 and XLCH 1965-78

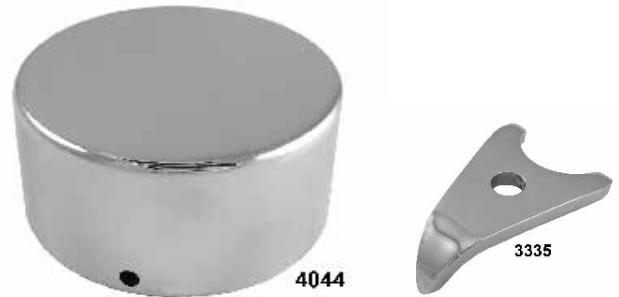
- | PCP | Description |
|-------------|------------------|
| 5665 | Black (74511-65) |
| 5664 | Chrome |

12-volt Delco-style. FL 1965-69 and XLH 1967-78

- | | |
|-------------|--------------------|
| 5661 | Black (74510-64T) |
| 5660 | Chrome (74507-85T) |

6-volt Delco-style. Fits KH, XL and XLH 1954-64, and 6-volt FL models from 1958-64.

- | | |
|-------------|--------------------|
| 5662 | Chrome (74508-85T) |
|-------------|--------------------|



Distributor Top Cover

Late. Use on 1965-70 XLH, 1970 XLCH. Also 1965-69 FL, FLH. Replaces #32589-65.

4044

Circuit Breaker Hold-Down Clamp

Replaces OEM 32516-66. Used on all 1966-69 FL's.

3335 Sold each.



Mallory Unilite Distributor BT 1936-69 & XL

12 Volt electronic ignition system fits Big Twin 1936-69 (when using stock heads, no head removal is required). Billet distributor includes wiring harness, adjustable mechanical advance unit and uses a Unilite module that consists of an integrated photo coupler, signal processor and power switch.

- 28218** BT 1936-69
- 3335** BT 1936-69 Distributor clamp
- 28236** XL 1952-70
- 13012** BT 1936-69 Spring kit allows 14 different advance curve settings
- 28248** Module only



Replica 6V Delco Remy Relay 1937-57

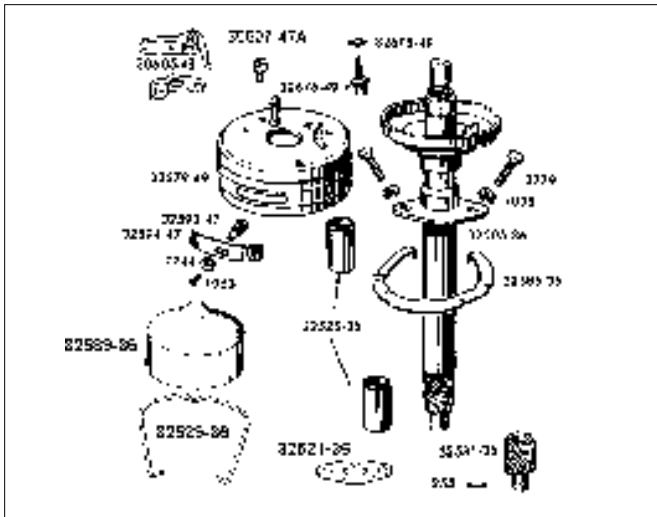
- 28130** Black (74750-38)
- 28159** Chrome



Voltage Regulator Mount Kit BT 1965-69

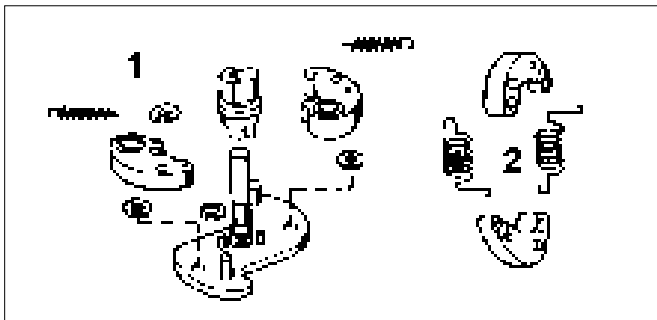
72329 9 Piece kit

Electrical



Single Point Distributor Parts 1949-60

PCP	Description
28213	45 Distributor complete 1929-64
28215	BT Distributor complete 1938-57
10101	Gear pin (255) (25 pack)
8146	Mount bolt kit (cadmium) (3779, 7035)
8145	As above, chrome
19252	45 Base with shaft (32506-37)
19256	Eccentric screws (30507-47A) (each)
18538	Bushing set 1936-69 (32525-36A)
2114	Chrome cover clip 1935-64 (32529-36)
4034	Timer gear 1936-69 (32531-36)
N/A	Breaker base 1937-46 (32578-37)
19257	Breaker base (32579-49)
3336	Base retainer FL 36-64, XL 54-64 (32585-36)
4047	Chrome cover 1936-64 (32589-36)
19251	Adjuster screw and plate kit 1947-63 (32593-47, 32594-47)
19254	Wire stud (32676-49)
19255	Distributor to coil wire (32690-30)



Automatic Advance Springs

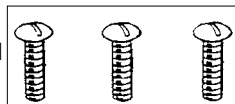
#	PCP	OEM	Description
1	13163	32604-64	FL 1965-66 (pair)
2	13124	32605-67	FL, FX, XL, GE 1967-69 (pair)
2	12165	32605-70	FL, FX, XL 1970-78 (10 pack)

Note: #13163 & #13124 are for distributor type, #12165 are for advance unit.

Circuit Breaker Screws

10 Piece kit for mounting distributor and relay on 1936-64 74 and 80 models.

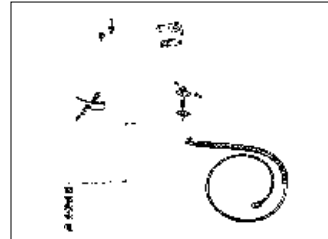
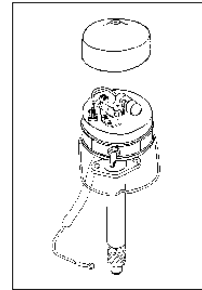
8146	Cadmium
8145	Chrome



Single Point Distributor

Features 2 bolt styling, manual advance and natural alloy finish base with shaft and gear installed. Top housing includes 1948-69 style single points, condenser and adjuster plate, chrome top and clip, base retainer and points wire.

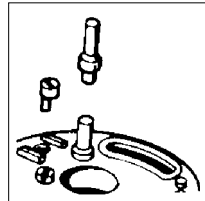
PCP	Description
28213	45's 1948-64
28215	BT 1948-59



Distributor Top Rebuild

Includes points, condensor, wire, washers, bushings, studs, and hardware.

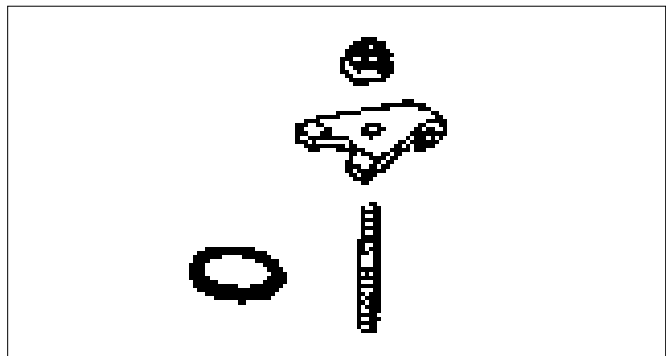
PCP	Description
19384	1948-60 Complete kit
19257	1948-60 Base only



Circuit Breaker Post Kits

Early model replaces all fibre bushings and pin, late includes pin only, both include installation tool.

4379	1948-69 All Models
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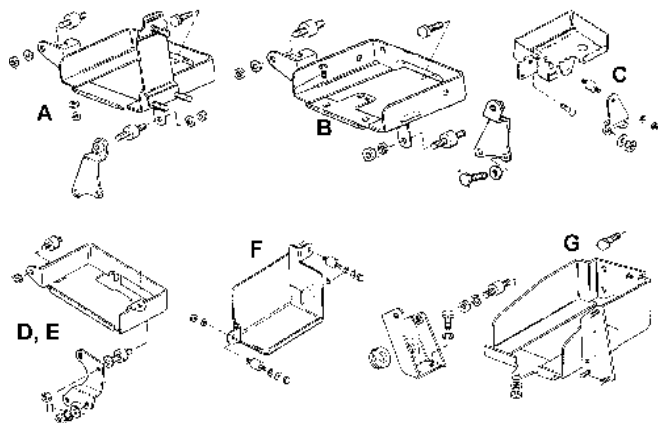


1965-69 BT Circuit Breaker Mount Clamp Kit

Includes zinc plated clamp, stud, o-ring and nyloc nut.

16591	Kit
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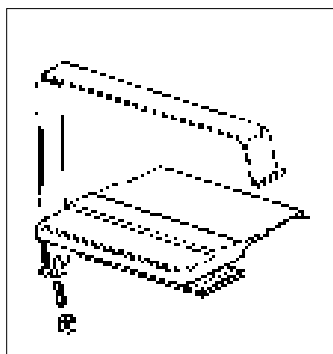
Battery Box



Chrome Battery Carrier Tray

Replacement battery trays for all Twins. Uses stock mounting hardware.

PCP	#	Description
28923	A	FLH 1965-69
28925	A	As above, black
3107	B	FL 1974-79 (66204-74)
28921	B	FL 1980-84 (66204-80)
3109	C	FX 1971-78 (66190-71)
3108	D	FXE 1973-79 (66191-73)
28920	E	FXE 1980-84 (66191-80)
28924	F	XLCH 1970-78, zinc (66236-73)
3463	G	XLH 1967-78 (66205-75)
28926		XL 1983-on, black



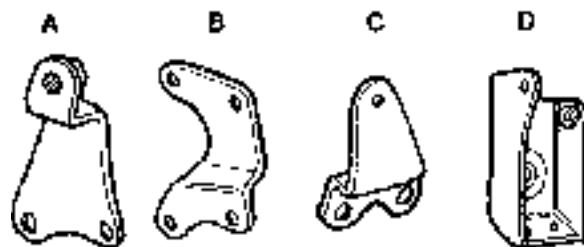
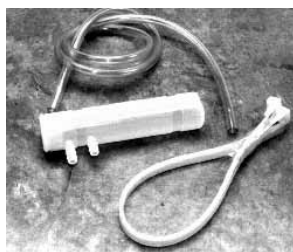
Chrome Battery Top Cover and Strap Kit

PCP	Application
45829	1967-78 XLH
45830	1970-84 FX-XL kick only
45831	1965-69 FLH
45832	1970-84 FLH
45833	1973-84 FXE

Battery Overflow Catch Tank (fits all models)

The overflow catch tank ensures against acid overflow damage while properly venting the battery. The 4" x 3/4" plastic trap allows you to keep an eye on the acid level even when your battery is fully covered. The catch is easily mounted vertically or horizontally with the mounting strap included. Sold each.

17021



Chrome Battery Carrier Brackets

PCP	OEM	#	Model
4911	66212-65	A	FLH 1965-85
3988	66225-73	B	FXE 1973-84
27108	66214-71	C	FX 1971-80
27105	66214-71	C	As above, black
3987	66480-67	D	XLH 1967-78



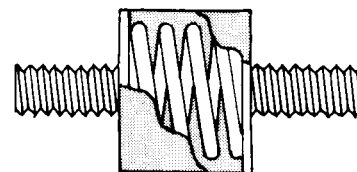
ISO Mounting Rubber Studs

All types UNC threads as OEM. 1/4" used on FX-XL-FL battery box and oil tank, 5/16 size on FX dash. (23001)

PCP	Size
1154	1/4" Male-Male (62563-65) (10 pack)
23024	1/4" Male-Male (62563-65) (5 pack)
5444	5/16" Male-Male (each)
23069	5/16" x 1/4" XL oil tank (62569-94)
23001	5/16" Male-Female for FX dash (50235-63) (each)
23006	1/4" Male-Male with spring (62563-65) (10 pack)
23026	5/16" Male-Male, horn (69125-65) (each)

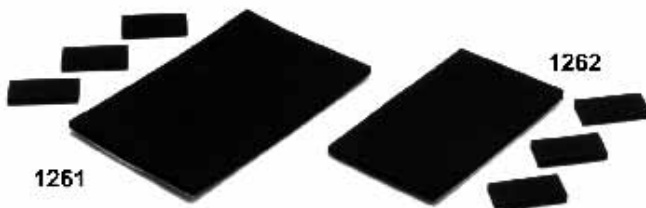
Heavy Duty Battery Box Rubber Mounts

Features an internal spring which makes it stronger than the rubber original.



Includes 1/4 - 20 x 1/2" long threaded studs and steel plates. This mount also works great for mounting many custom parts. Replaces OEM 62563-65.

23006 10 Pack



Battery Pad Kits

1261	FL-FLH electric start for big H-12 Battery
1262	FXE electric start 12N164B size Includes bottom and cover pads.

Battery Covers



Chrome Battery Top Covers

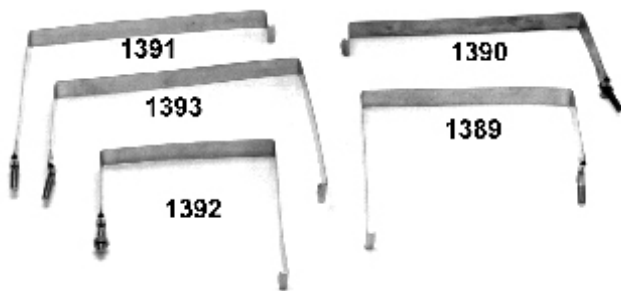
PCP	Fits
1387	FL models 1965-84 (66370-65T)
1388	Electric start 4-speed FX models (except Softail®) 1973-86, XL 1982-96 (66367-73T)
1386	FX & Sportster® kickstart 1971-78 (66369-70T)
2424	Electric start Sportster® 1967-78 (66369-67T)



Battery Cover For 4 Speed FL & XLH

For FL 1970-84 & XL 1967-78

PCP	Description
854	Plain, FL 1970-84 (66074-83T)
855	Louvered, FL 1970-84 (66075-83T)
773	Plain, XL electric start, 1967-78 (66379-67)



Stainless Steel Battery Hold-Down Straps

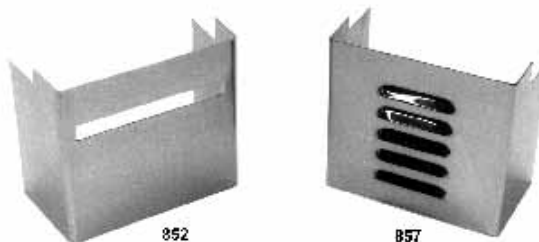
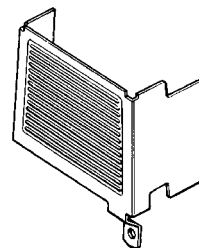
Manufactured from 18-gauge stainless steel to meet or exceed OEM specifications.

PCP	Fits
1390	FL models from 1965-69 (66383-65)
1393	FL models from 1970-84 (66383-70)
1391	Electric start Sportsters from 1967-78 (66470-67)
1392	FX 1971-80 and Sportster® models with kickstart only from 1970-78 (66470-70)
1389	Electric start 4-speed FXE, FXWG, FXSB 1973-79 (66476-73)

Stock Ribbed Battery Covers

Exact reproduction with raised ribbed design in chrome.

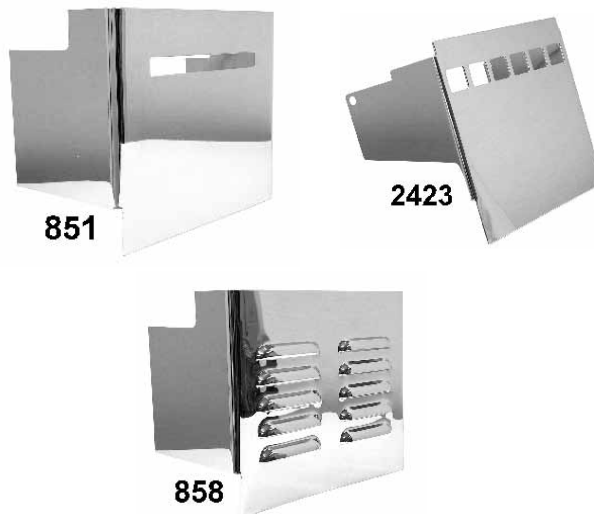
PCP	Model
45175	FLH 1965-69
3242	FLH 1970-84 (66378-70)
3244	XLH 1967-78 (66379-67)



FX and Sportster® Models with Kickstart

Chrome battery covers to fit all FX and Sportster® models with kickstart only from 1970-78.

PCP	Description
852	Plain slotted
857	Louvered



FXE and Sportster® with Electric Start

Chrome battery covers complete with cell viewing window. Fits all FX 4-speed electric start models 1973-86 and all Sportster® models 1982-99.

PCP	Description
851	Plain (66070-83T)
858	Louvered
2423	Slotted



Yuasa Yumicron

The Yumicron's high technology separators allow two extra plates per cell to be installed, for a 30% improvement in cranking performance. This added power is beneficial for Touring bikes with lot of accessories or modified bikes with high lift cams, high compression and performance carburetion. Yumicron's reserve power is an added bonus when encountering the occasional starting problem.

PCP	OEM	YUASA
6880	66010-82A	Y50-N18L-A
6881	65991-75C, 65991-82A	YB16-B
6876	66006-65A, 66007-84	YHD-12
6882	66006-70	YB7-A

Yuasa Yumicron CX

The original small engine starting battery to use "lead calcium" technology that generates a more powerful, longer lasting battery that requires less maintenance. The Yumicron CX will generate 5% to 8% more cold cranking amperage than the high output Yumicron battery. For bigger bikes this means more reserve power and greater endurance. An added bonus during winter storage is that the Yumicron CX holds its charge better than lead antimony batteries which results in a longer shelf life and longer periods between charges.

PCP	OEM	YUASA CX
6884	66010-82A	Y50-N18L-A-CX
6883	65991-75C, 65991-82A	YB16-B-CX

Yuasa Battery Application



CC	Year	Model	Yumicron	Yumicron CX	Yuasa GRT
1340	1982-94	FXR series	YB16-B	YB16-B-CX	YTX20-BS
	1980-96	FLT/FLHT series, FLHR	-	Y50-N18L-A-CX	-
	1978-84	FL/FLH	YHD-12	-	-
1200	1971-78	FX series (electric start)	YB16-B	YB16-B-CX	YTX20-BS
	1971-72	FX series (kickstart)	12N7-4A	-	-
	1965-77	FL/FLH series	YHD-12	-	-
1100	1987-93	XL series	YB16-B	YB16-BCX	YTX20-BS
1000	1983-85	XLX-61, XR 1000	YB16-B	YB16-B-CX	YTX20-BS
	1979-85	XL series	YB16-B	YB16-B-CX	YTX20-BS
	1979-86	XLH	YB16-B	YB16-B-CX	YTX20-BS
	1970-78	XLCH series	YB7-7A	-	-
	1967-78	XLH	YHD-12	-	-



Iso-Mount Chrome Cover

Covers black 1/4" Iso studs. Pair.

44069

Wiring Harness



28618



28604

Wiring Harness Kits BT 1970-on

Main harness does not include any extra wiring (only OEM type main wires in a plastic housing) Complete kits have plastic looms and include all low tension wires and handlebar, regulator, circuit breaker, taillight and turn signal wires. All harnesses include correct length wires and connections already installed. (no wiring diagrams, use OEM manual).

FLH		
PCP	OEM	Application
4208	70320-70	1970-72 FLH Main
28617	70320-70	1970-72 FLH Complete
4210	70320-73A	1973-77 FLH Main
28618	70320-73A	1973-77 FLH Complete
28610	70320-78	1978-79 FLH Main
28620	70320-78	1978-79 FLH Complete
28611	70320-80	1980-84 FLH Main
28621	70320-80	1980-84 FLH Complete
FX-FXE		
5261	70326-71	1971-72 FXE Main
28619	70326-71	1971-72 FXE Complete
5262	70326-73A	1973-77 FXE Main
28616	70326-73A	1973-74 FXE Complete
28637	70326-75	1975-77 FXE Complete
28612	70353-78	1978-79 FXS Main
28613	70343-78	1978-79 FXE Main
28614	70214-80A	1980-85 FXWG Main
28607	69543-80	1980-84 FXS-FXB Main
FXR		
28681	69545-82A	1982-E84 FXR, FXRS, RT Main

Sportster Wiring Harness

Colour-coded harnesses, for stock applications. The harnesses listed below use PVC insulated wire and looms. All harnesses include correct length wires and connections already installed. (no wiring diagrams, use OEM manual)

Note: The use of your original handlebar and taillight harness is required.

XLH ELECTRIC START-Main Harness Only

28604	70151-70	1970-72 XLH
28605	70151-73	1973-74 XLH
28615	70006-75	1975-76 XLH
28631	70006-76	1977 XLH
28677	70275-77	1977-78 XLCR
28672	70006-79	1978-79 XL, XLS
28673	70006-80	1980 XL, XLS
29465	70006-81	1981 XL, XLS
29466	70006-82	1982-E84 XL, XLS, XLX
28674	70135-84	1984-85 XL, XLS
28638	Auxiliary XLH harness for #28604, 28605, 28615. (incl. handlebar taillamp and starter wires)	

XLCH KICKSTART-Main Harness Only

28628	70153-70	1970-E71 XLCH
28629	70153-71	L1971-72 XLCH
28630	70153-73	1973-74 XLCH
28606	70001-75	1975-76 XLCH
28632	70001-76	1977 XLCH
28633	70001-78	1978 XLCH
28634	70001-79	1979 XLCH

SERVI-CAR

28661		1964-65
28635		1966-70 G-model
28636	70272-71	1971-73 G-model

Replacement Battery Cables

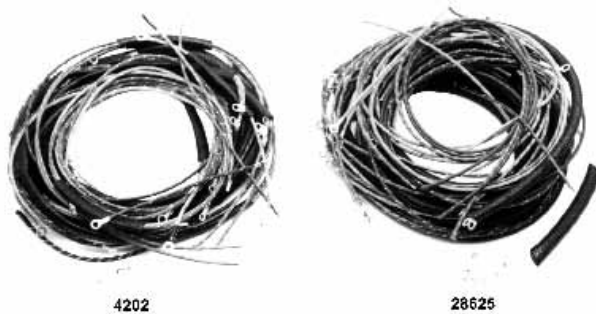
Exact copies of the originals with heat shielded terminal ends. Measured from tip to tip.

PCP	Cable Size	Application
4014	8½"	Ground 1981-85 All XL's (70011-81)
17151	30½"	Positive & Starter 1980-88 FLT (70033-79A)
2809	16"	Solenoid to battery and starter 1971-85 FX; 1965-85 FLH. Positive to solenoid 1982-88 FXR, 1982 XL, 1967-75 XLH (70069-65B)
4008	16¼"	Solenoid to starter 1983-on FXE. All FX 1983-85 FLH (70069-83A)
4002	16"	Positive to solenoid 1982-88 XL (70083-82)
2811	12"	Ground 1982-84 FXR; battery positive 1975-79 XLH; 1979 XL (70097-75A)
17153	8½"	Solenoid to starter 1982-88 FLT (70100-79A)
17154	8½"	Ground 1982-92 FLT; (braided) (70186-82)
2810	9"	Ground 1965-85 FL (70209-65A)
2812	12"	Ground 1967-78 XLH (braided) (70235-67A)
4004	8¾"	Ground 1970-78 XLCH (70295-70)
4006	10¾"	Ground 1971-78 FX (70461-67A)

Battery Cables



Wiring Harness



Complete Wiring Harness Kits 1930-69 (USA)

Perfect colour-coded reproductions of original H-D wiring harnesses. Early harnesses feature original cotton braided insulation and woven looms. All harnesses include wire terminals (not attached) and wiring diagrams in pre-1966 kits.

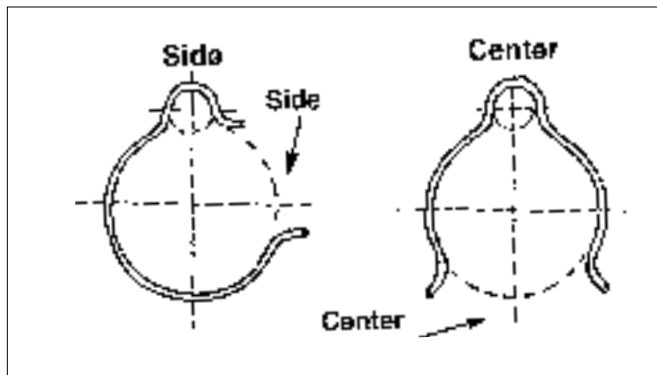
PCP	OEM	Application
28669		1916-28 JD electric model
4194	4735-30	1930-36 VL, RL
4196	4735-36	1936-37 WL, UL, EL
4198	4735-38A	1938-46 WL, UL, EL, FL
28670	4736-42M	1942 45 Army
4200	4735-47	1947 WL, UL, EL, FL
4202	70321-48	1948-57 WL, UL, FL, FLH
4204	70321-58	1958-64 FL, FLH
4206	70321-65	1965-69 FLH

XLH Battery Type

5263	70320-56	1952-58 K, XL 6-volt
28622	70320-59	1959-64 Sportster XLH 6 volt
28623	70320-65	1965-66 Sportster XLH 12 volt
28624	70320-67	1967 Sportster XLH e/start 12V
28625	70320-68	1968-69 Sportster 12V e/start

XLCH Magneto Type

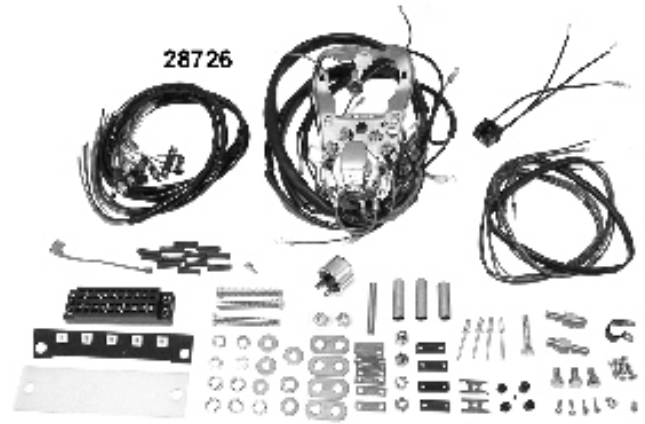
28626	70320-58	1958-64 Sportster XLCH magneto
28627		1965-69 Sportster XLCH magneto
28660	—	1934-69 Servi-car & sidecar taillamp
4214	—	1952-64 Turn signal kit only



Control Cable and Wire Clamps

Zinc plated steel spring. Sold in 10 packs.

PCP	Tube Size	Wire Size
27605	1" side	3/16"-7/32"
27606	1-1/4" side	3/16"-7/32"
27607	1" centre	3/16"-7/32"
27608	1" centre	5/16"
27609	1-1/8" centre	5/16"



Wire Harness/ Dash Base Assemblies

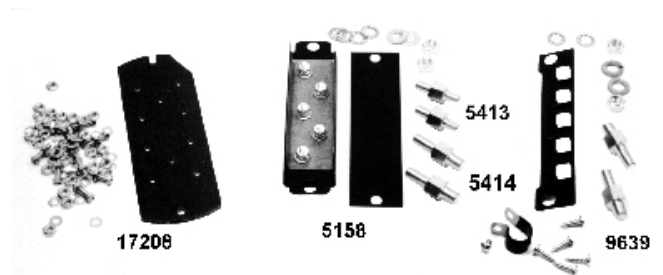
PCP	Type	Application
28717	Cateye	45 and BT 3 brush 1939-46
28718	2 Light	BT 3 brush 1947
28724	3 Light	BT electric start 2 brush 1965-67
28725	5 Light	BT electric start 2 brush 1968-69 (5 post key switch)
28726	5 Light	BT electric start 1973-77 (6 post switch)



Electrical Terminal Plate

Painted and pre-assembled terminal head lamp plate includes mounting hardware. Fits FX, XL 1970-74.

9817 Replaces 72303-70



Electrical Terminal Plate Assembly

Reproduction terminal plates are now available. They are insulated to eliminate grounding. The installation of this box and a new wire harness is a must when restoring the electrical system on Harley Big Twins and 45's.

17208	Terminal board FL 1949-57 (72301-49)
72305	Colony, as above
17240	Terminal board BT 1958-69 (72301-49A)
72306	Colony, as above
5158	Terminal box 1948-69
9639	Terminal plate FL,FX 1970-77 (72300-70)
5413	Mount studs 1948-55 (72341-48)
5414	Mount studs 1956-82 (72341-56A)

Wiring



Handlebar Harness with Switches 1973-81

Complete with soldering already done. Includes wire connectors, buttons, screws, stop light switch rubber boot and switch retaining plates. 1973-81 colour coded to match the OEM wires. 48" long kits fit tall handlebars.

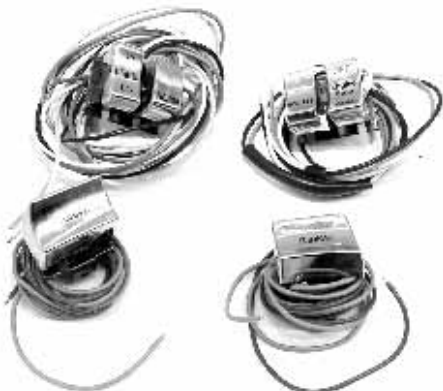
- 28448** Black switches with 42" leads
- 28449** Chrome switches with 42" leads
- 3249** Black switches with 48" leads
- 28447** Chrome switches with 48" leads



Handlebar Harnesses for All Models 1973-95

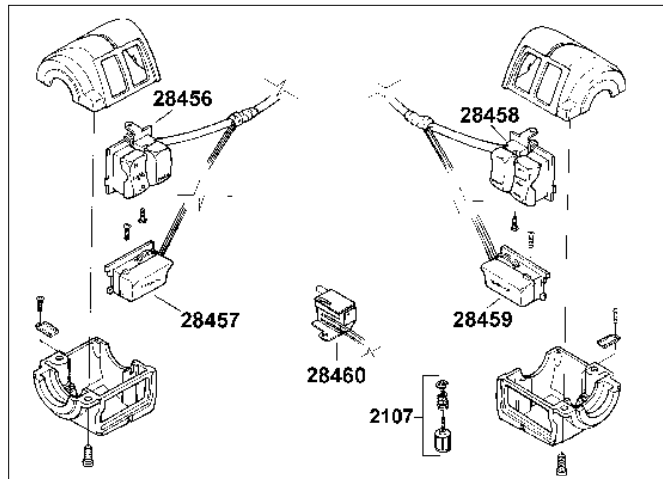
Colour coded, correct gauge, wiring harnesses that replace the OEM shorter harnesses. Both kits have black vinyl casing. Early kit includes connectors and terminals. Late kit has connectors and handlebar wiring retainer clips.

- 28650** 1973-81 Stock 36"
- 28651** 1973-81 Extended 48"
- 28652** 1982-95 Stock 36"
- 28655** 1982-95 Extended 48"



Chrome Switch Kit

Fits 1982-95 with 36" wires.
28452



1982-95 Handlebar Switches

Suited as replacements to the original parts. Comes soldered to 12" lengths of wire. Fits all models 1982-95.

Black	Chrome	Description
28456	28461	Dimmer/horn (71597-92)
28457	28462	Left turn signal (71598-92)
28458	28463	Engine start/stop (71589-92)
28459	28464	Right turn signal (71591-92)
28460	-	Front stop switch (71590-92)
2107	-	Throttle adjusting screw all 1974-on w/stock throttle (56397-74A, 56394-74)
-	46010	Chrome housing set



Complete Harnesses with Switches 1982-95

Each switch set comes with a 48" wiring harness which will accommodate tall handlebars. Ready to install in **your switch housings**. Fits all Sportster® and Big Twin models (except those with radio controls) 1982-95.

- 28450** Complete kit, black
- 28451** Complete kit, chrome



Handlebar Wiring Harness Kits-Colour Coded

PCP	Description
28656	Cotton braid handlebar wires, stock 1936-64
28657	Cotton braid handlebar wires, stock 1965-69
28644	Handlebar wires, stock 1970-72



Terminal Blocks

Includes 4 terminal studs or screw terminals with 10-24 threads. USA made.

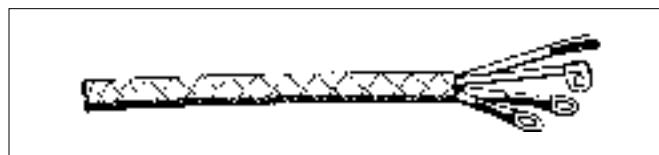
17235	4 terminals, single bank
17245	8 terminals, double bank
17246	12 terminals, double bank
17247	16 terminals, double bank



Vinyl Coated Cable Clamps

Can be mounted to frame, fork, or fenders to help route cables, wires, or brake lines. Mount holes available in 1/4" or to fit #10 screws (.200). Clamp measurement is when compressed. Sold in 10 packs.

PCP	Size I.D.	Mt. Hole
27600	1/4"	1/4"
27601	3/8"	1/4"
27602	1/2"	1/4" (9995)
27603	7/16"	.200
27604	1/2"	.200 (38712-68)



Tail Light Wires-Cotton Braided

PCP	Application
28658	1936-47 All
28659	1948-69 All
28660	1934-69 Servicar and Sidecar

PVC Covered Tail Light Wires 1973-on

PCP	Application
28646	1973-77 FX, FXE
28647	1978-84 FL
28648	1973-77 XL, XLCH, 1982-84 XL
28649	1978-84 FX, FXE 1978 XL, XLCH
28639	1979-81 XL
28668	1965-84 BT horn ground wire



Wiring Harness Accessory Kits

PCP	Description
28757	Turn signal kit 1952-64, cotton
28640	Small starter wire set BT 1965-84, PVC
28641	As above, XLH 1967-80
28754	Relay to solenoid wire (70018-77)
28755	Relay to ground wire (70169-70)
28756	Battery box to ground BT 1965-69 (70165-58)

28700



28704



Wiring Harness Loom Cover

Two versions offered, both traditional black fabric woven and black plastic (spiral wound, split casing). 25 foot rolls with inside dimensions listed.

Black Woven	Black Split Plastic	PVC Plastic Loom
28704 3/16" Roll	28700 1/4" Roll	28733 1/2" Roll
28705 1/4" Roll	28701 3/8" Roll	28732 5/16" Roll
28706 5/16" Roll	28702 1/2" Roll	28731 1/4" Roll
28707 3/8" Roll		28730 3/16" Roll
28708 1/2" Roll		
28709 5/8" Roll		

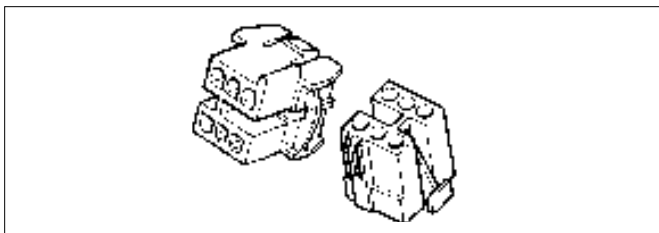


Battery Terminal Hardware Kit

Kit includes pieces to simplify battery installations on FXE and XL models.

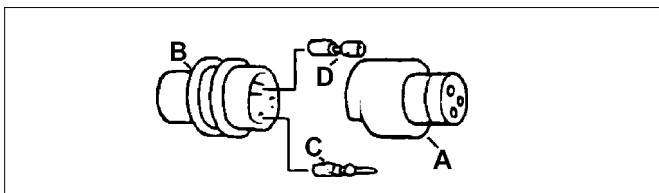
17231

Wiring



Connector Blocks

PCP	OEM	Type
10420	72043-71A	Single pin (5 pk)
10421	72044-71A	Single socket (5 pk)
17229	72035-71	2 Pin insulator (5 pk)
17230	72034-71	2 Pin socket insulator (5 pk)
17210	72037-71	6 Socket insulator (ea)
17211	72041-71	6 Pin insulator female socket (ea)
17213	72278-74A	12 Insulator socket (ea)
17212	72276-74	12 Pin insulator (ea)



Regulator Connector Fittings

PCP	OEM	Application
10424	72051-77A	(A) Regulator plug (ea)
10425	74521-77A	(B) Wire harness regulator plug (5pk)
10426	74536-77A	(C) Regulator connector pin (10 pk)
10427	74539-77A	(D) Regulator connector socket (5 pk)



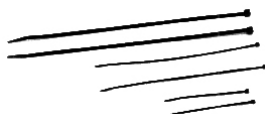
Wiring Panel

Mounting bracket and wiring block for FLH 1973-84.

28282	Mounting bracket only (replace 72310-70)
28283	Black terminal block (replace 72312-73)

Black Cable Ties

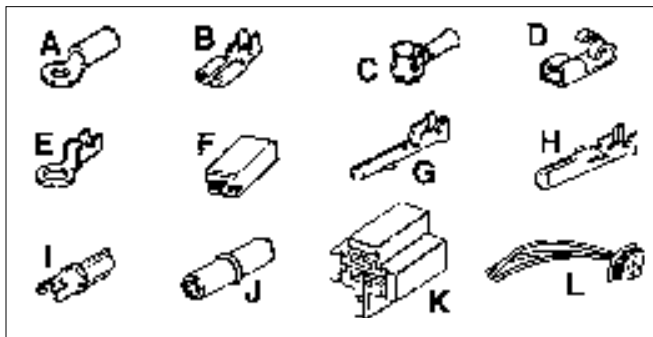
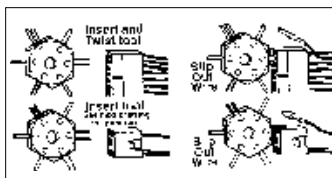
2722 7" long (100 pack)



Wire Terminal Tool

Easily depresses terminal lock tabs when disassembling factory wiring harness.

26054 Replaces 97362-71



Pins and Sockets

10400	72039-71	(G) Pin 1971-on (10 pk)
10401	72038-71	(H) Socket 1971-on (10 pk)
10420	72043-71A	(I) Single pin insulator (5 pk)
10421	72044-71A	(J) Six socket insulator (5 pk)
10422	72046-79	(K) Starter relay connection (5 pk)
10423	72047-71	(L) Headlamp connection (ea)

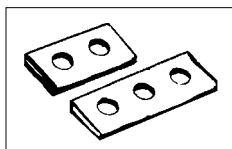
Wire Terminals

Ring Type Terminals

PCP	OEM	Item	Guage	U/M
10402	9856	(A) #6 eye	16-22	25 pk
10403	9871	(A) #6 eye	14-16	25 pk
10404	9857	(A) #10 eye	16-22	25 pk
10405	9902	(A) #10 eye	14-16	25 pk
10406	9866	(A) #10 eye	10-12	25 pk
10407	9858	(A) 1/4" eye	16-22	25 pk
10408	9862	(A) 1/4" eye	14-16	25 pk
10409	9826	(A) 5/16" eye	14-16	25 pk
10410	9945	(E) 5/16" eye	10-12	25 pk

Female Spade Type Terminals

PCP	OEM	Description
10412	9904	(B) 1/8" (10 pk)
10413	9905	(C) BT Neutral switch (5 pk)
10414	9931	(B) 3/16" (10 pk)
10415	9914	(B) 1/4" (10 pk)
10416	9925	(D) 1/4" Right angle (10 pk)
10417	71774-77	(F) 1/4" right angle insulator (10 pk)



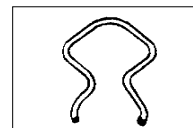
Connector Tabs-10 pack

10428	2 Terminal (72275-74)
10429	3 Terminal (72277-74)

Handlebar Wiring Clip 1973-on

Stainless steel clip attaches wire to bars at stock hole locations or can be drilled.

17104 56062-73 (10 pack)



HEAT SHRINK TUBING



For safe, clean custom wiring jobs, cut to length, thread your wires and carefully apply heat. The insulation shrinks to a perfect custom fit around your wires.

4931	1/4" x 4' length
4933	3/8" x 4' length
28712	5/8" x 4' length

BLACK ONLY