



Primary Housing & Covers 08-002



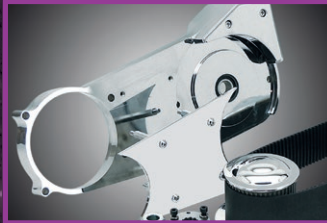
Derby & Inspection Covers 08-007



Motor Sprocket 08-011



Shafts, Extensions & Spacers 08-012



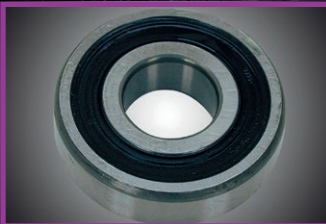
Belt Drives 08-014



Primo Belt Drives 08-015



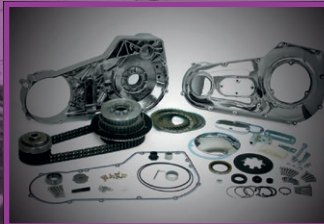
BDL Belt Drives 08-023



Multi-Fit Belt Drive Parts 08-026



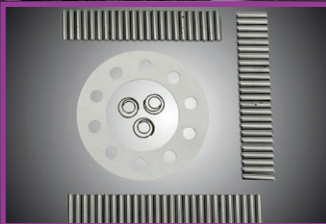
Primary Offset Kits 08-027



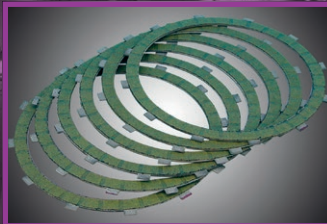
Primary Drive Kit 08-028



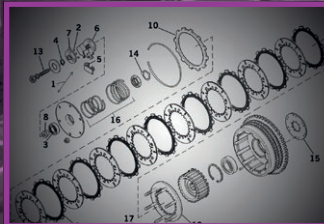
Primary Chain & Adjusters 08-031



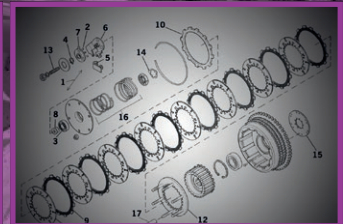
1938-1973 45CI (W & G Models) Clutch 08-033



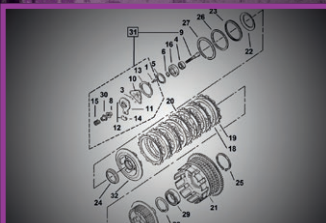
2015-Present Street XG Clutch 08-034



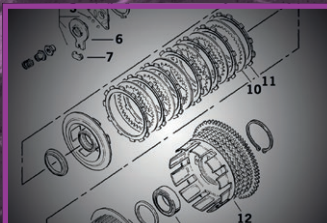
1952-1956 K & 1957-1970 Sportster Clutch 08-034



1971-Early 1984 Sportster Clutch 08-036



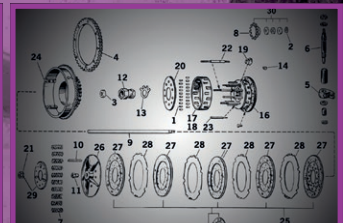
Late 1984-1990 Sportster Clutch 08-038



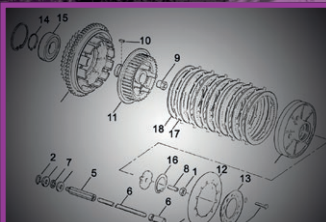
1991 To Present Sportster Clutch 08-040



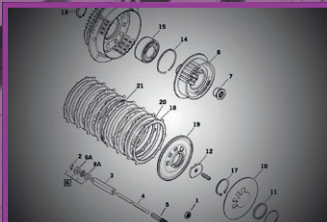
V-Rod Clutch 08-045



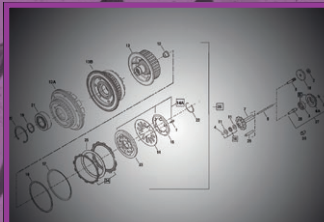
Big-Twin 4 Speed & Early 5 Speed Clutch 08-046



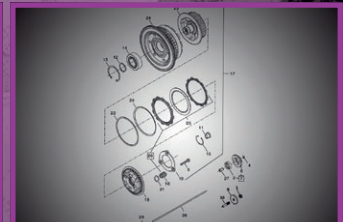
Late 1984-1989 Big Twin 5-Speed Clutch 08-053



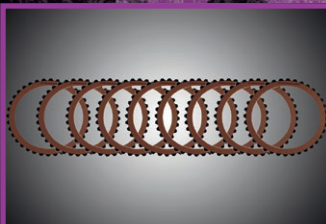
1990-1997 Big Twin Clutch 08-057



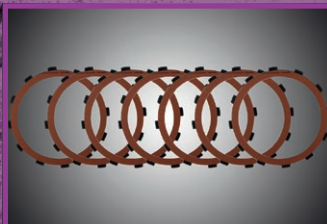
1998-2000 Evolution Big Twin & 1999-2017 Twin Cam Standard 6-Stud Clutch 08-064



2013-2017 Twin Cam & 2017 To Present Milwaukee Eight 3-Stud 'Assist & Slip' Clutch 08-073



Victory Clutch 08-076



Indian Clutch 08-076

01
HELMETS,
LUGGAGE,
AUDIO & MORE

02
SEAT

03
EXHAUST

04
ELECTRIC
& LIGHT

05
ENGINE
ELECTRICS

06
INTAKE

07
ENGINE

08
PRIMARY

09
TRANSMISSION

10
FINAL DRIVE

11
WHEELS &
TIRE

12
BRAKE

13
FOOT
CONTROL

14
HANDLEBAR

15
FRONT
SUSPENSION

16
CHASSIS/
FRAME
& SHOCKS

17
FENDER
& STRUTS

18
GAS TANK &
INSTRUMENT

19
OIL TANK, FILTER
& LINE

20
FASTENERS

21
MIRROR

22
WINDSHIELD

23
OIL, CHEMICALS
& TOOLS

24
TECHTIPS &
CROSS REF
> ZPN

25
CROSS REF
ZPN > PAGE

26
ALPHABETICAL
INDEX



OUTER PRIMARY FOR SPORTSTER 2004 TO PRESENT

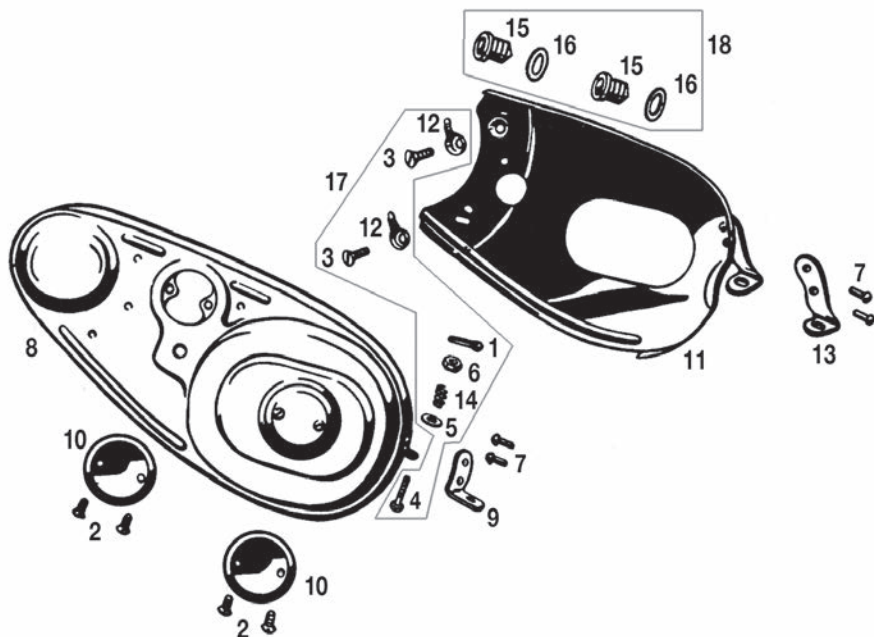
Reinforced die-cast primary cover with show chrome or black finish. Fits 2004 to present XL Sportster models. Great looking but looks even better when used with the separately available chrome or black inspection cover and chrome or black derby cover.

Fits 2004 thru 2005 Sportster models

- 210304** Chrome primary cover (OEM 25460-04)
- 210364** Black primary cover (OEM 25307-05)
- 301499** Chrome derby cover (OEM 34760-04)
- 301496** Black derby cover (OEM 34790-05)
- 210305** Chrome inspection cover, including gasket and screws (OEM 34761-04)
- 210365** Black inspection cover, including gasket and screws (OEM 34794-05A)

Fits 2006 to present Sportster models, including XR 1200

- 210306** Chrome primary cover (OEM 25460-06)
- 210366** Black primary cover (OEM 25307-06)
- 301499** Chrome derby cover (OEM 34760-04)
- 301496** Black derby cover (OEM 34790-05)
- 210305** Chrome inspection cover, including gasket and screws (OEM 34761-04)
- 210365** Black inspection cover, including gasket and screws (OEM 34794-05A)



PRIMARY CHAIN GUARD FOR 45CI MODELS

Pos.	ZPN	Description	OEM
1.	232177	Cotter pin, 1/16"x1/2", 100-pack	510
2.	232180	Cover screw, #12-24x3/8" oval head, 1937-1952 Solo, 1937-1954 Servi-Car, set of 4	2265
3.	-	Guard back screw, 5/16"-24x19/32" oval head, 1932-1952 Solo, 1932-1954 Servi-Car	2398
4.	-	Rear bracket bolt, 1/4"-24x3/4" round head, 1930-1952 Solo, 1930-1954 Servi-Car	2775
5.	-	1/4"x9/16"x1/32" steel washer	6242
6.	239884	Rear bracket nut, 1930-1952 Solo, 1930-1954 Servi-Car, 10-pack	7691
7.	232176	Bracket rivet, 3/16"x5/16" round head rivet, 1941-1952 Solo, 1941-1953 Servi-Car, 50-pack	8512
8.	237455	Outer guard, black, 1932-1952 Solo, 1942-1954 Servi-Car	60504-32
9.	-	Rear bracket, 1929-1952 Solo, 1929-1954 Servi-Car	60542-26
10.	232181	Inspection cover, 1930-1952 Solo, 1930-1954 Servi-Car, black	60569-29
	232183	Inspection cover, 1930-1952 Solo, 1930-1954 Servi-Car, chrome	60569-29
11.	237469	Chain guard back, 1941-1952 Solo, 1941-1954 Servi-Car	60621-41
12.	-	Screw lock, 1937-1952 Solo, 1937-1954 Servi-Car	60630-30
13.	-	Back rear bracket, 1941-1952 Solo, 1941-1954 Servi-Car	60638-41
14.	-	Guard bolt spring, 1929-1952 Solo, 1929-1954 Servi-Car	60640-29
15.	-	Screw plug, 1939-1952 Solo, 1929-1954 Servi-Car	60648-39
16.	-	Screw plug washer, 1939-1952 Solo, 1929-1954 Servi-Car	60650-32
17.	232173	Colony mount kit, contains Pos. 1, 3, 4, 5, 6, 7, 12 & 14	-
18.	232174	Colony mount kit, contains Pos. 15 & 16	-

NEW



Colony

COLONY SCREW KITS FOR TIN PRIMARY

Complete kits with 10 screws and washers for the primary cover, 8 screws for the derby cover and 2 screws for the inspection cover.

Fits 1936-1952 EL models, 1937-1948 UL models and 1941-1964 FL models

- 781310** Chrome primary cover screw kit
- 781311** Cadmium primary cover screw kit
- 781312** Parkerized primary cover screw kit



DERBY COVER FOR EARLY TIN PRIMARY

Stock replacement for all Big Twin with tin primary 1936 thru 1964 and all Custom after-market tin covers. Has show-chrome finish (OEM 60557-36).

- 301115** Derby cover for early tin primary



OLD STYLE DERBY COVER WITH BIRD LOGO

Fits all Big Twin with steel primaries from 1936-1964. Mounting this derby cover will give your bike that "Classy" look.

- 301781** Old style Bird Logo Derby cover



**INSPECTION COVER FOR TIN PRIMARY**

Chrome plated inspection cover, fits all Big Twins with tin primary and all Custom after-market tin covers (OEM 60572-36).

210012 Inspection cover for tin primary

**EARLY MODEL TIN PRIMARY HOUSING**

Show-chromed steel primary cases. Available for all 4 Speed Big Twin models. Can be used as stock replacement for Big Twin with stock steel primary or as Custom replacement for later models with or without electric start.

Inner Covers

210005 Fits Big Twins 1936 to 1954 (OEM 60620-36)

210004 Fits Big Twins 1955 to 1964 (OEM 60620-52)

210006 Fits Big Twins 1970 thru 1984 without electric start

Outer Covers

210007 Fits Big Twins 1936-1954 (OEM 60505-36)

210008 Fits Big Twins 1955-1964 (OEM 60505-55)

**JAMES' STEELCORE INNER PRIMARY TO CRANKCASE GASKET**

Silicon beaded steel core gasket for superior sealing, designed as a problem solver for crankcases with a damaged O-ring groove. Replaces the stock O-ring seal. Fits 1970 thru 1984 Shovelhead, 1984 thru 1999 Evolution Big Twin and 1999 thru 2006 Twin Cam models, except 2006 Dyna. Comes complete with all inner primary lock tabs.

231734 Steel-core inner primary to crankcase gasket

**S.T.D. IMPERIAL STYLE PRIMARY & DERBY COVERS**

Cast from aluminum, these primary and derby covers are to replace the stamped steel parts on all 1936 thru 1964 Big Twins. The derby cover also fits stock and most aftermarket primary covers and the primary cover can also be installed with most stock and aftermarket derby covers, reason why STD only drilled the 2 outside holes on both ends. The other holes must be drilled yourself to insure the cover will locate together correctly with your inner primary. Covers are available in both raw casted as well as a polished finish.

735511 Derby cover, raw

735509 Derby cover, polished

735512 Outer primary cover, raw

735510 Outer primary cover, polished

**COLONY INNER PRIMARY MOUNTING KITS**

These complete inner primary mounting kits contain reproduction of the original Harley hardware used to mount the inner primary cover. Available for 1936 thru 1954, 1955 thru 1964, 1965 thru 1969, 1970 thru 1979, and 1980 thru 1985 Big Twin models.

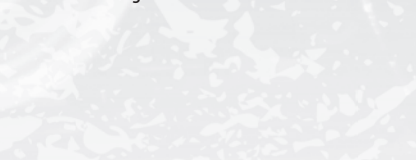
741835 Fits steel inner primary of 1936 thru 1954 Big Twin models

741836 Fits steel inner primary of 1955 thru 1964 Big Twin models

741837 Fits cast aluminum inner primary of 1965 thru 1969 Big Twin models

741850 Fits cast aluminum inner primary of 1970 thru 1979 Big Twin models

741851 Fits cast aluminum inner primary of 1980 thru 1985 Big Twin models

**OUTER PRIMARY COVER KIT 1965-1969 FL**

The OEM outer primary cover that did not have a separate derby cover is obsolete since ages. This one, with its 1970-1998 style 3-hole derby cover, has a close to stock appearance and also includes the inspection cover, gaskets, hardware and needle bearing. Fits 1965 Panhead and 1966-1969 Shovelhead, polished finish.

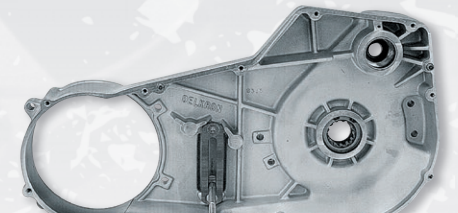
782139 1965-1969 outer primary cover kit to replace OEM 60508-65

233169 Chrome primary, inspection and derby cover screw kit only

**STARTER HOUSING & INNER PRIMARY SAVER**

Easy to install reinforced nylon prevents the starter housing and inner primary cover from damage by the drive chain. Fits 1965-1984 FL & FLH and 1971-1984 FX models.

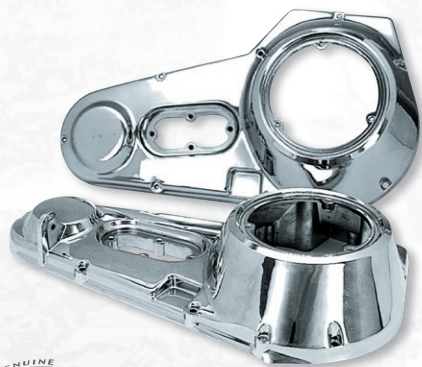
789321 Inner primary & starter housing saver

**DELKRON INNER PRIMARY CASES**

Delkron has perfected Softail inner primary cases. Delkron inner primaries are made out of 356-T61 aluminum and cast from a permanent mold. Material is added to crucial areas, which makes these primaries stronger than the original ones. The starter bushing and oil seal, as well as the transmission shaft bearing, retaining rings, transmission shaft oil seal and chain tensioner anchor plate are already installed.

234070 Fits 1994 thru 2006 Softail models

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



CHROME OUTER PRIMARY COVERS

Reinforced outer primary covers for 4 Speed Big Twins 1970 thru 1984 and 5 Speed Softail models thru 1988. Available for FL and FX models. Both models have a beautiful chrome finish. The FL cover differs from the FX cover only by having a tab for the floorboard mount in front of the inspection cover. The cover is ready to install on all 8 hole primaries and there is flat boss provided for an additional ninth hole if desired.

210085 Fits 4 Speed FX and 5 Speed Softail models 1971 thru 1988

210086 Fits 4 Speed FL models 1970 thru 1984 with chain final drive

231460 Needle bearing starter shaft (OEM 9063)

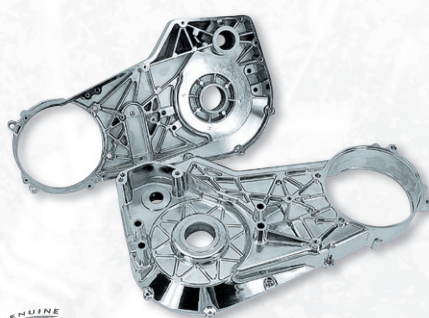


VENTED CHROME OUTER PRIMARY COVERS

These vented primaries are designed specifically for those who are using an up to 13/4" wide belt drive. The vented slots provide an improved airflow to keep belt running cool thus improves belt life. Fits 4 Speed Big Twins 1970 thru 1984 and 5 Speed Softail models thru 1988. The cover is ready to install on all 8-hole primaries and also features a flat boss that can be drilled when the ninth hole is needed. Installation on floor board equipped FL models requires the drilling and tapping of the mount tab on the provided flat boss in front of the inspection cover. Starter shaft needle bearing must be ordered separately.

210221 Fits 1970 thru 1984 4 Speed Shovelhead and 4- and 5 Speed Softail models 1984 thru 1988

231460 Needle bearing starter shaft (OEM 9063)



CHROME PLATED INNER PRIMARY COVER FOR SOFTAIL MODELS

Reinforced inner primary covers that have superior strength over the OEM counterpart and can be used as an OEM replacement part but are recommended if you run a High Performance engine. The reinforcement ribs prevent the cover from cracking at the bearing area under the heavy loads that are common with today's stroker and Big Block engines. Covers have a beautiful chrome plated finish and are available for Softail models from 1990 thru 2006. These Inner primary covers are available with or without seal, bearing, bushing and retaining ring. Lock tab kit must always be ordered separately. Looks even better when fitted in combination with our chrome outer primary cover ZPN210117 or 210118.

210095 Cover only, fits 1990 thru 1993 Softail models (OEM 60630-90)

210114 Cover with seal, bearing, bushing and clip, fits 1990 thru 1993 Softail models (OEM 60630-90)

210106 Cover only, fits 1994 thru 2006 models (OEM 60630-94)

210115 Cover with seal, bearing, bushing and clip, fits 1994 thru 2006 models (OEM 60630-94)

Replacement seal, bearing, bushing and lock tab kit

231237 For use with 1990 thru 1993 inner primary

231238 For use with 1994 thru 2006, except 2006 Dyna

Replacement parts

292216 Lock tab, Zodiac, each (OEM 33318-85)

231172 Main shaft seal 1984 to present, James (OEM 12052)

231173 Starter shaft seal 1989 thru 1993 (OEM 12053)

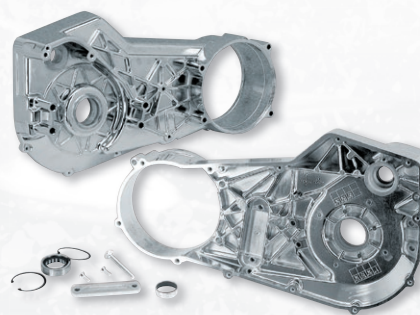
700470 Starter shaft seal 1994 thru 2006 (OEM 12066)

233823 Transmission main shaft support bearing (OEM 9135)

231480 Bearing retaining ring, 2 needed (OEM 60678-85)

231478 Starter motor bushing 1990 thru 1993 (OEM 33445-89)

231479 Starter motor bushing 1994 thru 2006 (OEM 33445-94A)



OFF-SET INNER PRIMARY COVER FOR SOFTAIL MODELS

These primaries eliminate the use of spacers and spacer rings to off set the primary when a your Softail is converted to accept a wide tire kit. The engine to primary spacer as well as the transmission to primary spacers are an integrated part of these trick primaries. The elimination of the spacers creates a more rigid primary and provides a much cleaner look. Primaries are available in two off-sets 1" (25.4mm), and 1 1/2" (38mm) offset. They also have the same reinforcement features our other inner primaries have and can be used in combination with High performance engines. The reinforcement ribs prevent the cover from cracking in the bearing area under the loads that are common with today's Stroker and Big Cubic Inch engines. Covers have a beautiful chrome plated finish for that custom appeal and are available for Softail models from 1990 thru 2006. Seals, bearings, bushings, lock tabs and other hardware must be ordered separately. Looks even better when fitted in combination with our chrome outer primary cover ZPN210082.

Note: These inners must be used with extended shafts, found elsewhere in this catalog.

Fits 1990 thru 1993 Softail models

210155 1 1/2" (38mm) offset

Fits 1994 thru 2006 Softail models

210163 1" (25.4mm) offset

Replacement parts

292216 Lock tab, Zodiac, each (OEM 33318-85)

231172 Main shaft seal 1984 to present, James (OEM 12052)

231173 Starter shaft seal 1989 thru 1993 (OEM 12053)

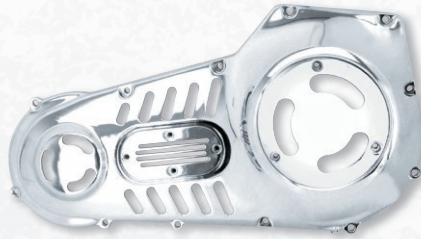
700470 Starter shaft seal 1994 thru 2006 (OEM 12066)

233823 Transmission main shaft support bearing (OEM 9135)

231480 Bearing retaining ring, 2 needed (OEM 60678-85)

231478 Starter motor bushing 1990 thru 1993 (OEM 33445-89)

231479 Starter motor bushing 1994 thru 2006 (OEM 33445-94A)



VENTED CHROME OUTER PRIMARIES FOR DYNA AND SOFTAIL

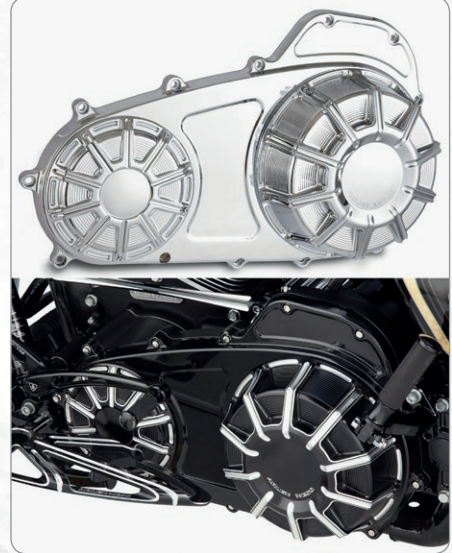
These vented primaries are developed especially for those who are using an up to 1 3/4" wide aftermarket primary belt drive. The numerous vented slots provide an improved airflow to keep belt running cool for improved belt life. These primaries fit all 1989 to 1998 Softail and Dyna models. Will also fit 1999 thru 2007 Softail and 1999 thru 2005 Dyna if matching 3-hole derby cover is purchased.

210149 Vented outer primary fits 1989 thru 1993 Softail and Dyna models

210206 Vented outer primary fits 1995 thru 2006 Softail and 1995 thru 2005 Dyna models

301020 Vented chrome CNC Aluminum derby cover

210220 Vented chrome CNC Billet inspection cover



ARLEN NESS

ARLEN NESS 10-GAUGE PRIMARY COVER

The 10-Gauge outer primary will set your bike apart from the rest. It is a Multi-Piece design that allows for easy maintenance and inspection. Comes complete with chrome hardware. Fits 2007 thru 2016 Touring models.

A16412 Chrome



CHROME OUTER PRIMARY COVERS 1989-2006

These reinforced die-cast outer primary covers for Softail, FLH/FLT and Dyna models are another Zodiac exclusive. Covers have a show quality chrome plated finish. The 1995 thru 1998 cover for Softail & Dyna can be used on later models when you also install a 3-hole derby cover. The 1999-up cover for Softail & Dyna models can be used on earlier models when you also install a 5-hole derby cover.

210117 3-Hole cover, fits 1989-1993 Softail and 1991-1993 Dyna. Comes with chrome hardware and starter motor bushing (OEM 60543-89)

769012 3-Hole cover, fits 1994 Softail and Dyna, V-Twin Mfg.

210100 3-Hole cover, fits 1995-1998 Softail & Dyna (OEM 60543-95). Comes without starter motor bushing

210118 3-Hole cover, fits 1995-1998 Softail & Dyna. Comes with chrome hardware and starter motor bushing (OEM 60543-95)

210182 5-Hole cover, fits 1999-2006 Softail & 1999-2005 Dyna (OEM 60543-99). Comes without starter motor bushing

210207 5-Hole cover fits Touring 1999-2006 (OEM 60665-99). Comes without starter motor bushing

Starter motor bushings

769014 Fits 1989 thru 1993 models, V-Twin Mfg. (OEM 33446-89)

750119 Fits 1994 thru 2005 Dyna, 1994 thru 2006 Touring & Softail (OEM 33446-94A)

Chrome hardware kits

723402 Primary outer cover kit, 1991-2005 Dyna and 1989-2006 Softail, knurled allen heads with washers

239913 Primary, derby and inspection cover kit 1995-2006 Softail and 1995-2005 Dyna, knurled allen heads with washers

292239 Outer primary cover kit with knurled allen heads and starter motor bushing (OEM 33446-94A) 1994 thru 2005 Dyna & 1994 thru 2006 Softail



PRO-MAX BILLET ALUMINIUM PRIMARY COVERS

These precision machined outer primary covers are a true work of art. CNC carved from solid billet aluminium. Covers fit 1989 thru 2006 Softail models and 1991 thru 2005 Dyna's. To allow installation of both early and late model starters these covers come with starter pinion brushings for both styles. Come complete with inspection and derby cover, including the bolts to attach them. The oversized derby cover allows clutch plate replacement and adjustment without removal of the primary cover. Available in high luster polished at very attractive prices.

210314 Polished primary cover



NARROW PROFILE PRIMARY COVER FOR 2007-2016 TOURING

The Narrow Profile primary cover is standard equipment on 2015-2016 FLHTCUL Electra Glide Ultra Classic & FLHTKL Ultra Limited Low models and approx. 1" narrower than the stock cover on other 2007-2016 Touring models. It allows easier reach to the ground and is shaped to slim the bikes profile on the left. Installation requires the separate purchase of primary gasket kit and 2015 and later style derby cover.

782175 Chrome primary cover (OEM 25700385)



782176 Matte black primary cover (OEM 25700438)

742506 Primary gasket kit, Genuine James

748820 Primary gasket kit, Cometic

01
HELMETS,
LUGGAGE,
AUDIO & MORE

02
SEAT

03
EXHAUST

04
ELECTRIC
& LIGHT

05
ENGINE
ELECTRICS

06
INTAKE

07
ENGINE

08
PRIMARY

09
TRANSMISSION

10
FINAL DRIVE

11
WHEELS &
TIRE

12
BRAKE

13
FOOT
CONTROL

14
HANDLEBAR

15
FRONT
SUSPENSION

16
CHASSIS/
FRAME
& SHOCKS

17
FENDER
& STRUTS

18
GAS TANK &
INSTRUMENT

19
OIL TANK, FILTER
& LINE

20
FASTENERS

21
MIRROR

22
WINDSHIELD

23
OIL, CHEMICALS
& TOOLS

24
TECHTIPS &
CROSS REF
> ZPN

25
CROSS REF
ZPN > PAGE

26
ALPHABETICAL
INDEX

01
02
03
04
05
06
07
08
09
10
11
12
13
14
15
16
17
18
19
20
21
22
23
24
25
26



OUTER PRIMARY COVERS

These reinforced die cast outer primary covers come in show chrome or wrinkled black finish. The covers for Dyna models come with the shifter lever busing for mid controls installed.

Fits all 2006 thru 2017 Dyna models with mid controls

- 210372** Chrome, Genuine Zodiac (OEM 60764-06)
210373 Black wrinkle, Genuine Zodiac (OEM 60758-06)

Fits 2007 thru 2017 Softail and 2006-2017 Dyna models with forward controls

- 210368** Chrome, Genuine Zodiac (OEM 60782-06)
210369 Black wrinkle, Genuine Zodiac (OEM 60717-06)



Fits 2007-2015 Touring & Trike except 2015 FLHTKL & FLHTCUL

- 782177** Chrome, V-Twin Mfg. (OEM 60553-07A)



PRIMARY COVER FOR MILWAUKEE EIGHT TOURING

Perfect copy from the OEM primary cover on the Milwaukee Eight powered 2017 to present Touring & Trike models. Installation requires the separate purchase of primary cover gasket and derby cover gasket.

- 782173** Chrome primary cover (OEM 25700418)
782174 Gloss black primary cover (OEM 25700491)
781629 Primary cover gasket, Genuine James (OEM 25700378)
760849 Primary cover gasket, Cometic (OEM 25700378)
748907 Derby cover gasket, AFM, Cometic (OEM 25416-99C)



INNER PRIMARY BEARING FOR 4-SPEED BIG TWIN

Bearings for the transmission main shaft in aluminum primary on 4-speed Big Twins.

- 239988** Fits 1965-1969 Big Twin (OEM 9037)
239989 Fits 1970-1984 Big Twin, open bearing (OEM 9040)
231431 Fits 1970-1984 Big Twin, sealed bearing (OEM 9061)
231679 Fits 1970-1984 Big Twin, sealed bearing, BDL (OEM 9061)
743739 Fits 1970-1984 Big Twin, sealed bearing, All Balls USA (OEM 9061)



BEARING SUPPORT FOR OPEN BELT DRIVE ON 4-SPEED BIG TWIN

Running an open belt drive on 1970-1984 4-speed Big Twins normally means you lose the main shaft support from the inner primary housing. This bearing support is the solution for models with chain final drive. Bearing not included.

- 210030** Mainshaft bearing support, fits 1966 thru 1984 4-speed Big Twin, except those with diaphragm clutch
231431 Mainshaft chain housing support bearing. Fits 1970 thru 1984 Big Twin with or without belt drive, Daytona Japan (OEM 9061)
231679 Mainshaft chain housing support bearing. Fits 1970 thru 1984 Big Twin with or without belt drive, BDL (OEM 9061)
743739 Mainshaft chain housing support bearing. Fits 1970 thru 1984 Big Twin with or without belt drive, All Balls USA (OEM 9061)



INNER PRIMARY BEARING AND BEARING RACES FOR 1984 TO PRESENT BIG-TWIN

Transmission main shaft support bearing and inner races. Outer bearing fits all models with roller bearing from 1984 to present. Inner race is available in standard (inch) size for the 1984 thru early 1985 models, metric size for the late 1985 thru 2006 5-speed models, as well as metric size for the 2006 to present 6-speed Dyna and 2007 to present Softail and FLH series models. Bearing and inner race are sold separately.

- 234354** [A.] Inner race 1984 thru early 1985 Big-Twin models (OEM 34090-84)
238889 [B.] Inner race, fits late 1985 thru 2006 5-speed Big-Twins, USA (OEM 34091-85)
723106 [C.] Inner race, fits 2006 thru 2007 6-speed Dyna and 2007 Softail and FLH series models (OEM 34091-06)
723107 [D.] Inner race, fits 2008 to present Twin Cam and Milwaukee Eight (OEM 34091-08)
233823 [E.] Bearing, fits 1984 thru 2006 5-speed Big-Twin models (OEM 9135)
231778 [F.] Bearing fits 2006 to present 6-speed Twin Cam & Milwaukee Eight (OEM 9231)



MAGNETIC DRAIN PLUG

These plugs will work on either OEM or Zodiac inner primary covers. The magnet in the drain plug prevents small pieces of metal, coming from primary chain wear, entering the lubrication system of your engine.

Fits 4 Speed Big Twins from 1965 thru 1986 and 1991 thru 2003 Sportster

- 747133** Magnetic hex head drain plug with washer (OEM 60348-65B)

Fits all 1987 thru 2003 Big Twins

- 720178** Magnetic NPT drain plug (OEM 734, 739 and 739A)





743758



ALL BALLS INNER PRIMARY BEARING & SEAL KITS

Convenient kits with bearing, inner race, snap ring and seal. For 1990-2006 5 speed models there is also a High-Performance kit available that features a double row bearing. Note that this is suitable for models with a straight spline main shaft only.

743756 Fits late 1985-2000 Evolution Big Twin and 1999-2006 Twin Cam except 2006 Dyna (OEM 9135 + 12052A + 12053 + 34091-85 + 60678-85)

743757 Fits 2006 Dyna, 2007-2017 Twin Cam and 2017 to present Milwaukee Eight (OEM 9231 + 12052A + 34091-85 + 60678-85)

743758 High-Performance kit with double row bearing, fits 1990 thru 2006 models except 2006 Dyna



INNER PRIMARY MOUNTING KITS

All bolts and tab washers you need to fit your inner primary in a convenient package. Available for 1986 to present FLH and FLT models, 1986 thru 1993 Softails and Dyna's, as well as 1994 to present Softail and Dyna's.

741852 Fits 1986 thru 1994 FXR and 1986 thru 2006 FLH/FLT

741853 Fits 1986 thru 1993 Softail and Dyna models

741854 Fits 1994 thru 2006 Softail and 1994 thru 2005 Dyna models



S&S INNER PRIMARY BEARING RACE

High performance applications often reveal problems with stock power train components that were never anticipated by the designers. One such problem is the tendency of the stock inner primary bearing race on late model big twins to shift on the transmission main shaft under high torque loads. This "walking" of the race can result in the destruction of the transmission main shaft seal, and ultimately the main shaft, output gear and output gear bearing. Costly repairs and annoying down time. A unique modification to the design of the main shaft inner primary bearing race, positively prevents it from "walking" into the main shaft seal and output gear. The S&S bearing race features an extra step on the inside diameter that acts as a stop on the transmission main shaft. When the race is pressed on to the shaft, the step will not allow the race to move inward toward the main shaft seal. Can be retrofitted to stock and aftermarket transmissions.

750597 Fits all 1991 thru 2006 Big Twin and Twin Cam models, except 2006 Dyna (OEM 34091-85)

710799 Fits all 2008 to present Twin Cam and Milwaukee Eight models (OEM 34091-08)



PRIMARY SHIFTER SHAFT BUSHING FOR FX

Fits all FX inner primary covers 1974 thru 1986 with through the case shifter (OEM 60593-74).

729175 Primary shifter shaft bushing for FX



INNER PRIMARY LOCK TAB

When mounting your inner primary never re-use lock tabs as this can cause major damage to your expensive motorcycle. These low cost tabs fit most inner primaries from 1985 thru 2006, except 2006 Dyna.

729216 Lock tab, Zodiac, each (OEM 33318-85)

742445 Genuine James, 10 pack



JAMES INNER PRIMARY LOCK TAB

When mounting your inner primary never re-use the lock tabs as this can cause major damage to your expensive motorcycle primary. These low cost tabs fit inner primaries on 1980 thru 1986 5-speed Big Twins.

742497 Genuine James, 10 pack (OEM 7402)



PRIMARY INSPECTION COVER FOR SPORTSTER 2004 TO PRESENT

Show chromed or black finish. Fits 2004 to present Sportster models, including XR1200. Comes complete with gasket and screws.

210305 Chrome inspection cover, including gasket and screws (OEM 34761-04)

210365 Black inspection cover, including gasket and screws (OEM 34794-05A)



"EAGLE SPIRIT" PRIMARY INSPECTION COVER

Fits 1965-1986 FL/FX models and 1984 to present Softail or Dyna Glide models. **301779** Chrome finish



INSPECTION COVER

Inspection covers that fit all 4 Speed Big Twin models with forward mounted controls, all Softail and Dyna Wide Glide models 1984 to present in your choice of Billet Aluminum or chromed steel.

210025 Billet chrome aluminum plain inspection cover with counter bore holes (OEM 60572-86)

210053 Chromed steel plain inspection cover with through holes (OEM 60572-86)



"ROLAND SANDS DESIGN" NOSTALGIA INSPECTION COVER

Nostalgia inspection covers from Roland Sands Design are machined from billet aluminum. Look great by themselves but in addition with the RSD Derby and timing covers, it really creates the hot rod look. Fits 1965 thru 1986 FX and FL, Softail 1984 thru 2006 and Dyna Wide Glide 1993 thru 2005. Hardware is included.

740910 Black Contrast Cut

01
HELMETS,
LUGGAGE,
AUDIO & MORE

02
SEAT

03
EXHAUST

04
ELECTRIC
& LIGHT

05
ENGINE
ELECTRICS

06
INTAKE

07
ENGINE

08
PRIMARY

09
TRANSMISSION

10
FINAL DRIVE

11
WHEELS &
TIRE

12
BRAKE

13
FOOT
CONTROL

14
HANDLEBAR

15
FRONT
SUSPENSION

16
CHASSIS/
FRAME
& SHOCKS

17
FENDER
& STRUTS

18
GAS TANK &
INSTRUMENT

19
OIL TANK, FILTER
& LINE

20
FASTENERS

21
MIRROR

22
WINDSHIELD

23
OIL, CHEMICALS
& TOOLS

24
TECHTIPS &
CROSS REF
> ZPN

25
CROSS REF
ZPN > PAGE

26
ALPHABETICAL
INDEX



PM INSPECTION COVER

Billet aluminum inspection covers from Performance Machine are available in chrome, black Contrast Cut that shows bare machined aluminum cuts, black Platinum Cut that shows bare polished aluminum cuts, or PM's proprietary two-tone Black OPS that matches perfectly with Harley's stock black engine finish. Fits 1965 thru 1986 FX and FL, Softail 1984 thru 2006 and Dyna Wide Glide 1993 thru 2005.



"EAGLE SPIRIT" DERBY COVER

Fits all Big Twin models 1970-1998. When used as replacement for late O-Ring type derby cover use paper gasket ZPN231135 (OEM 25414-70).

301800 Gold-Chrome finish



Scallop



Scallop Design

752314 Chrome
752315 Contrast Cut
752317 Platinum Cut
752316 Black OPS



Drive



Drive Design

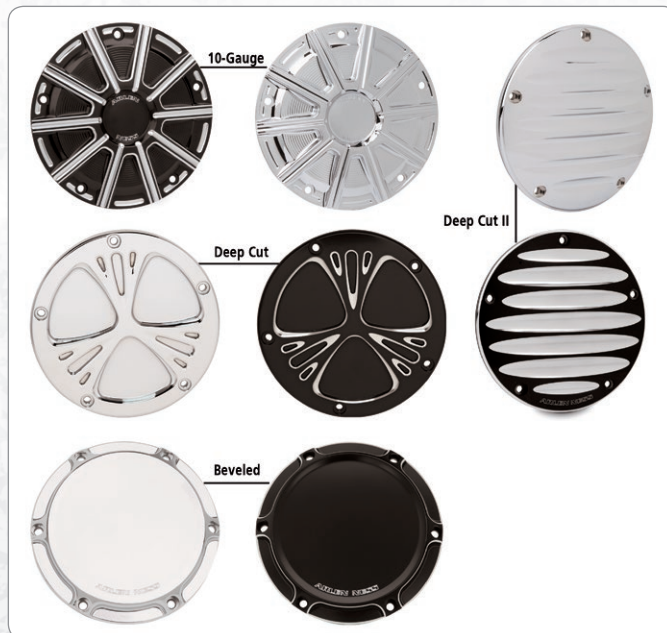
756872 Contrast Cut
756873 Platinum Cut
756875 Black OPS



Formula

Formula Design

757070 Contrast Cut



ARLEN NESS

ARLEN NESS DERBY COVERS

Billet aluminum with a chrome or black finish.

Fits 1999-2017 Dyna, 1999-2018 Softail (except FLSB Sport Glide) and 1999-2015 Touring & Trike, except FLHTCUL Ultra Classic Low, FLHTKL Ultra Limited Low and other models equipped with the OEM Accessory Narrow Profile Outer Primary Cover

A03464 10-Gauge, black
A03570 Deep Cut, chrome
A03579 Deep Cut, black
A03310 Deep Cut II, black
A03477 Beveled, chrome

Fits 2015 FLHTCUL & FLHTKL and all 2016-up Touring & Trike

A03351 Beveled, chrome



GENUINE ZODIAC AIRFOIL DERBY COVERS

Fits 1999-2017 Dyna, 1999-2018 Softail (except FLSB Sport Glide) and 1999-2015 Touring & Trike, except FLHTCUL Ultra Classic Low, FLHTKL Ultra Limited Low and other models equipped with the OEM Accessory Narrow Profile Outer Primary Cover. 2006 and later 6-speed models require the separate purchase of a 1999 thru 2006 style derby cover gasket (OEM 25416-99A). Matching design gas caps, timer covers and air cleaner covers are also available.

302152 Chrome (OEM 25700504)
302153 Black
231729 Derby cover gasket (OEM 25416-99A)



GENUINE ZODIAC "STANZA" DERBY COVER FOR 1970-2018 BIG TWINS

Stanza derby covers offer you a real upgrade for your bike, especially when used in combination with the matching point covers. CNC machined from billet aluminum and with a chrome or black finish with clear accents. Installation on 2006-2017 Dyna, 2007 to present Softail and 2007 thru 2015 Touring & Trike models requires the separate purchase of gasket ZPN231729.

3-hole covers for 1970 thru 1998 Big-Twin

302820 Chrome finish
302821 Black with clear accents

5-hole covers for 1999-2017 Dyna, 1999-2018 Softail (except FLSB Sport Glide) and 1999-2015 Touring & Trike, except FLHTCUL Ultra Classic Low, FLHTKL Ultra Limited Low and other models equipped with the OEM Accessory Narrow Profile Outer Primary Cover

302822 Chrome finish
302823 Black with clear accents





GENUINE ZODIAC 2 YEARS WARRANTY
CHROME PLATED ALUMINUM
MALTESE CROSS DERBY COVER

This chrome plated derby cover features a large Maltese cross in "Three-Dee" design. **301008** Fits 1999-2017 Dyna, 1999-2018 Softail (except FLSB Sport Glide) and 1999-2015 Touring & Trike, except FLHTCUL Ultra Classic Low, FLHTKL Ultra Limited Low and other models equipped with the OEM Accessory Narrow Profile Outer Primary Cover



GENUINE ZODIAC 2 YEARS WARRANTY
ZOMBIE STYLE SKULLED DERBY COVERS

Great looking derby covers for Big Twin and Twin Cam models. Feature a chrome and black finish. **302542** 3-Hole cover, fits all 1970 thru 1998 Shovelhead and Evolution Big Twin models
301019 5-Hole cover, fits 1999-2017 Dyna, 1999-2018 Softail (except FLSB Sport Glide), and 1999-2015 Touring & Trike, except FLHTCUL Ultra Classic Low, FLHTKL Ultra Limited Low and other models equipped with the OEM Accessory Narrow Profile Outer Primary Cover



5-hole covers for 1999-2017 Dyna, 1999-2018 Softail (except FLSB Sport Glide), and 1999-2015 Touring & Trike, except FLHTCUL Ultra Classic Low, FLHTKL Ultra Limited Low and other models equipped with the OEM Accessory Narrow Profile Outer Primary Cover
740675 Chrome finish



BRASS BALLS CYCLE DERBY COVERS
 Black anodized billet aluminum covers with a cut-out Piston Helmet design. **753812** Fits 1996 thru 2003 Sportster
753811 Fits 2004 to present XL Sportster
753810 Fits 1999-2017 Dyna, 1999-2018 Softail (except FLSB Sport Glide) and 1999-2015 Touring & Trike, except FLHTCUL Ultra Classic Low, FLHTKL Ultra Limited Low and other models equipped with the OEM Accessory Narrow Profile Outer Primary Cover
753814 Fits 2016 to present Touring and Trike and 2015 to present FLHTCUL and FLHTKL models. Also fits 2007 to present Touring and Trike models equipped with Narrow-Profile Outer Primary Cover OEM 25700385 or 25700438



5-hole covers for 1999-2017 Dyna, 1999-2018 Softail (except FLSB Sport Glide), and 1999-2015 Touring & Trike, except FLHTCUL Ultra Classic Low, FLHTKL Ultra Limited Low and other models equipped with the OEM Accessory Narrow Profile Outer Primary Cover
740736 Black anodized finish



GENUINE ZODIAC 2 YEARS WARRANTY
SKULLED ALUMINUM DERBY COVERS
 These "Three Dee" design skulled aluminum derby covers come in all chrome, chrome with gold skull and black painted accents or black with chrome skull and black accents.

5-Hole, 1999-2017 Dyna, 1999-2018 Softail (except FLSB Sport Glide) and 1999-2015 Touring & Trike, except FLHTCUL Ultra Classic Low, FLHTKL Ultra Limited Low and other models equipped with the OEM Accessory Narrow Profile Outer Primary Cover
301000 All chrome
301001 Chrome with gold skull
302808 Black with chrome skull

3-Hole, fits 1974 thru 1998 Big Twin
301003 All chrome
301002 Chrome with gold skull
302806 Black with chrome skull



PRO-ONE CHROME
INSPECTION COVERS FOR FXR AND FLT MODELS

Pro-One chain inspection covers are machined from Billet Aluminum, fully polished and chrome plated. Each cover comes with chrome hardware. **Fits Touring models 1985 thru 2006 and equipped FXR forward control**
237765 Ball Milled Style



"ROLAND SANDS DESIGN"
NOSTALGIA DERBY COVER

RSD's "Nostalgia" derby covers are very unique in their appearance. They offer you a real upgrade for your bike, especially when used in combination with the Inspection and Point covers from RSD. CNC machined from billet aluminum and with a chrome, black anodized or contrast cut black anodized finish. Comes complete with mounting hardware. Installation on 2006-2017 Dyna and 2007-2018 Softail and 2007-2016 Touring models requires separate purchase of gasket ZPN231729.



5-hole covers for 1999-2017 Dyna, 1999-2018 Softail (except FLSB Sport Glide), and 1999-2015 Touring & Trike, except FLHTCUL Ultra Classic Low, FLHTKL Ultra Limited Low and other models equipped with the OEM Accessory Narrow Profile Outer Primary Cover
740907 Contrast Cut Black anodized finish



GENUINE ZODIAC 2 YEARS WARRANTY
DERBY COVER FOR SPORTSTER MODELS

This show-chromed domed derby cover replaces the Original Equipment part on all Sportster models from 1994 thru 2003. **301621** Derby cover, 1994-2003 (OEM 34742-94)

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

01
02
03
04
05
06
07
08
09
10
11
12
13
14
15
16
17
18
19
20
21
22
23
24
25
26



Drive

Formula



PM DERBY COVER

Billet aluminum derby covers from Performance Machine are available in chrome, black Contrast Cut that shows bare machined aluminum cuts, black Platinum Cut that shows polished aluminum cuts, or PM's proprietary two-tone Black OPS that matches perfectly with Harley's stock black engine finish.



Scallop

3-Hole cover, fits 1970 thru 1984 Shovelhead and 1984 thru 1998 Evolution Big Twin

752322 Scallop design, Chrome
752323 Scallop design, Contrast Cut
752325 Scallop design, Platinum Cut
752324 Scallop design, Black OPS

5-Hole cover fits 1999-2017 Dyna, 1999-2018 Softail (except FL5B Sport Glide), and 1999-2015 Touring & Trike, except FLHTCUL Ultra Classic Low, FLHTKL Ultra Limited Low and other models equipped with the OEM Accessory Narrow Profile Outer Primary Cover

752318 Scallop design, Chrome
756870 Drive design, Chrome
757069 Formula design, chrome
752319 Scallop design, Contrast Cut
756868 Drive design, Contrast Cut

757068 Formula design, Contrast Cut
752321 Scallop design, Platinum Cut
756869 Drive design, Platinum Cut
752320 Scallop design, two-tone textured Black OPS
756871 Drive design, two-tone textured Black OPS



710916

710915

710917



MILLENNIUM STYLE COVERS

A very clean design from Pro One to celebrate the end of the Millennium. These Millennium style covers are CNC machined from aircraft quality aluminum and come in a low maintenance chrome finish. Covers include chrome hardware and fits most Big Twin models 1970 thru 1998.

710916 Smooth Millennium derby cover
710915 Ball Milled Millennium derby cover
710917 Smooth Millennium inspection cover



PRO-ONE CHROME BILLET DERBY COVERS FOR 1999-2018 BIG TWIN

Designed to replace the stock plain derby cover, these custom covers are made from chrome plated billet aluminum and come with chrome plated hardware. These beauties fit 1999-2017 Dyna, 1999-2018 Softail (except FL5B Sport Glide), and 1999-2015 Touring & Trike, except FLHTCUL Ultra Classic Low, FLHTKL Ultra Limited Low and other models equipped with the OEM Accessory Narrow Profile Outer Primary Cover.

711068 Smooth Millennium style derby cover
711069 Ball Milled Millennium style derby cover



DERBY COVER SPORTSTER 2004 TO PRESENT

Beautifully chrome plated or black derby cover. Fits 2004 to present Sportster, including XR1200. Comes with the necessary hardware.

301499 Chrome derby cover (OEM 34760-04)
301496 Black derby cover (OEM 34790-05)



ROLAND SANDS CLARITY DERBY COVERS

With the RSD Clarity Line, your motorcycles inner workings are on display while sealed tight behind machined billet aluminum and transparent polycarbonate with an abrasion and UV resistant film to protect surface from yellowing, marring and breakage. Designed and machined with the form of the true working components in mind, the Clarity Line adds that extra level of detail, clearly showing what is usually hidden. Come complete with mounting hardware. Matching air cleaner can be found in Chapter 6, matching cam cover can be found in Chapter 7.



C-THRU DERBY COVERS

From Germany we bring you these "C-thru" billet aluminum Derby covers. Rick's designed and manufactures these covers with a leak-proof fitting of the window. Window is of course oil resistant. Available as 3-hole cover that fits all 1970-1998 Big Twin, or a 5-hole cover that fits 1999-2017 Big Twin.

741187 3 Hole cover, fits 1970 thru 1998 Big Twin models
741188 5 Hole cover, fits 1999-2017 Dyna, 1999-2018 Softail (except FL5B Sport Glide), and 1999-2015 Touring & Trike, except FLHTCUL Ultra Classic Low, FLHTKL Ultra Limited Low and other models equipped with the OEM Accessory Narrow Profile Outer Primary Cover

5 Hole, fits 1999-2017 Dyna, 1999-2018 Softail (except FL5B Sport Glide), and 1999-2015 Touring & Trike, except FLHTCUL Ultra Classic Low, FLHTKL Ultra Limited Low and other models equipped with the OEM Accessory Narrow Profile Outer Primary Cover

751990 Contrast Cut
751991 Chrome
751992 Black OPS



PRIMARY INSPECTION COVERS

Fits FL and FX with forward mounted controls 1965 thru 1986 and all Softail models 1984 thru 2006 (OEM 60571-78A & 60572-86)

210016 Primary inspection cover





T.P.P. CLEAR DERBY COVERS FOR BIG-TWIN MODELS

Now you can see your VPC at work and show others why your clutch works so much lighter and easier. Machined from billet aluminum, with a satin or show chrome finish, these derby covers really stand out. The super-tough polycarbonate window "floats" between rubber gaskets, eliminating the chance of cracking.

Fits 1970 thru 1998 Big Twins

712115 Satin "See through" derby cover
712116 Show chrome "see through" derby cover

Fits 1999-2017 Dyna, 1999 to present Softail and 1999-2015 Touring & Trike, except FLHTCUL Ultra Classic Low, FLHTKL Ultra Limited Low and other models equipped with the OEM Accessory Narrow Profile Outer Primary Cover

712117 Satin "See through" derby cover
712118 Show chrome "see through" derby cover



DOMED DERBY COVER

Show chrome domed die cast derby cover, fits all Big Twin models 1970 thru 1998 (OEM 60668-84A & 25392-84T).

301628 Domed derby cover



CHROME LATE DERBY COVER

Fits all Big Twins 1970 thru 1998. Chrome finish (OEM 52573-77T).

301153 Chrome late derby cover



"PRO MAX" CHROME BILLET DERBY COVERS

Machined out of Billet aluminum and than Mirror Shine chrome plated. Every cover comes with chrome hardware and an Allen key. Fits all Big Twin models 1970 thru 1998.

302185 Crested style



MOTOR SPROCKETS FOR 45CI SIDEVALVES

780068 22 tooth, stock on Servicar (OEM 40230-29)

780069 27 tooth, stock on most sidecar equipped models (OEM 40235-29)

780065 29 tooth (OEM 40237-29)

780070 30 tooth (OEM 40238-29)

780071 31 tooth, stock on 1941-1942 WLA (OEM 2031-29A)

780073 33 tooth, stock on 1940 WLA (OEM 40241-29)

780074 34 tooth, stock on WLDR (OEM 40242-35)

780075 Motor sprocket nut (OEM 7991)

231470 Motor sprocket key, 1912 thru 1973, dealer 10-pack



TAPERED MOTOR SPROCKET BIG TWIN

Fits 1936 thru 1954.

191247 Sprocket 22 tooth (OEM 40209-30)

191248 Sprocket 23 tooth (OEM 40210-30)



SPLINED MOTOR SPROCKET Big Twin

Fits 1955 thru 1984 models, except models with belt or compensating sprocket system.

191251 Sprocket 22 tooth (OEM 40209-55)

191252 Sprocket 23 tooth (OEM 40210-55)

191253 Sprocket 24 tooth (OEM 40211-55)



SLIDING CAM FOR COMPENSATING SPROCKET

Fits primary chain drive FL, FX models 1970 thru 1982, FLT models 1980 thru 1983 and FXR models 1982 thru 1983 (OEM 40299-70).

201565 Sliding cam for compensating sprocket



COMPENSATING SPROCKET

Top quality replacement primary chain sprockets. Fits 1970 thru 1986 Big Twin (except 1983-1986 FXDG, FXE, FXEF, FXSB, FXST, FXSTC & FXWG and all 1985-1986 FXR models).

191309 22 Tooth (OEM 40280-70)

191308 23 Tooth (OEM 40282-70)

191307 24 Tooth (OEM 40275-70)



ENGINE SPROCKET SPACERS

For perfect alignment of the primary drive train.

Fits Big Twins 1970 thru 2006, except 2006 Dyna. Available in a set of 6 different sizes or in separate size 5 pack

231763 Assortment 6 pack (one each size)

233489 5 pack .060" (OEM 24032-70)

233498 5 pack .090" (OEM 24033-70)

233499 5 pack .120" (OEM 24034-70)

233500 5 pack .150" (OEM 24035-70)

233501 5 pack .180" (OEM 24036-70)

233502 5 pack .210" (OEM 24037-70)

Fits 2006 Dyna and all 2017 to present Twin Cam & Milwaukee Eight

232193 Assortment 5-pack, one of each .020", .030", .050", .075" and .100" thick

01
HELMETS,
LUGGAGE,
AUDIO & MORE

02
SEAT

03
EXHAUST

04
ELECTRIC
& LIGHT

05
ENGINE
ELECTRICS

06
INTAKE

07
ENGINE

08
PRIMARY

09
TRANSMISSION

10
FINAL DRIVE

11
WHEELS &
TIRE

12
BRAKE

13
FOOT
CONTROL

14
HANDLEBAR

15
FRONT
SUSPENSION

16
CHASSIS/
FRAME
& SHOCKS

17
FENDER
& STRUTS

18
GAS TANK &
INSTRUMENT

19
OIL TANK, FILTER
& LINE

20
FASTENERS

21
MIRROR

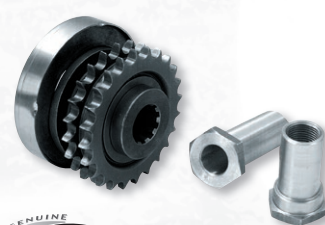
22
WINDSHIELD

23
OIL, CHEMICALS
& TOOLS

24
TECHTIPS &
CROSS REF
> ZPN

25
CROSS REF
ZPN > PAGE

26
ALPHABETICAL
INDEX



COMPENSATING SPROCKET KITS & PARTS

Complete compensating sprocket kits for the primary chain drive. Kits contain a high quality sprocket shaft extension, sliding cam, sprocket nut and cover with spring plates. Kits for 1984 thru 1993 include a 24 tooth compensating sprocket, kits for 1994 thru 2006 models come with a 25 tooth compensating sprocket. All parts are also separately available.

Fits Softail models 1984 thru 1990, FLT models 1984 thru 1986 and FXR models 1984 to 1986

241272 Complete kit

Individual parts

- 346192** Shaft extension (OEM 40375-70)
- 191276** Compensating sprocket (OEM 40275-83)
- 346218** Sliding cam (OEM 40299-83A)
- 193030** Cover with spring plates (OEM 40384-83A)
- 346191** Crankshaft nut (OEM 40392-70)
- 346217** Shaft extension (OEM 40266-85)
- 191273** Compensating sprocket (OEM 40269-85A)
- 193031** Cover with spring plates (OEM 40384-91)
- 346216** Crankshaft nut (OEM 40392-91)
- 191274** Compensating sprocket (OEM 40308-94)

Fits Softail models 1991 thru 1993, FLH and FLT, FXR and Dyna models 1991 thru 1993, FLH and FLT Fuel Injected models 1999 thru 2001

241270 Complete kit

Fits Softail models 1994 thru 2006, FXR 1994, Dyna models 1994 thru 2005, FLH and FLT models 1994 thru 1998, FLH and FLT carburated models 1999 thru 2001 and all FLH and FLT models 2002 thru 2006

241274 Complete kit

Fits 2006 thru 2011 Dyna, 2007 thru 2011 Softail (except Rocker), and 2007 thru 2010 Touring

- 191275** Compensator sprocket, 34T
- 346269** Slider cam



COMPENSATOR FOR 2006 THRU 2014 6-SPEED TWIN CAM

The Genuine Zodiac compensator sprocket kit is a re-engineered version from the stock kit as found on 2013 Softail, Dyna, Touring and Trike models, and 2014 FLHP, FLHTP and FLHTCUTGMA. It is also a perfect upgrade for 2006 thru 2012 6-speed Twin Cams. Even the guys from Milwaukee have recognized this, as they started selling the 2013 stock item as a Screamin' Eagle upgrade kit for the earlier models. Kit contains a crankshaft extension, set of disc springs, sliding cam compensating sprocket, needle bearing with thrust washers, sprocket retainer, and the screw to bolt the kit to your crankshaft.

Note: Installation may require additional parts for models as listed below. Kit does not fit FXCW, FXCWC, FXSB, FXSBSE and FXSTSSE3 models

241275 Compensator sprocket kit (OEM 42200064A)

Additional parts required

- 737007** Alternator rotor for 2006 thru 2011 Dyna, 2007 thru 2011 Softail and 2007 thru 2010 Touring (OEM 30041-08A)
- 751323** Accel Alternator stator for 2006 Dyna (OEM 30017-07)
- 701975** Compensator sprocket for 2006 thru 2008 models equipped with a ZPN 701950 25mm offset kit
- 701979** 25mm compensator spacer 2014 thru 2017 models equipped with a ZPN 701980 25mm offset kit



SOLID COMPENSATING SPROCKET FOR TWIN CAM

These motor sprockets eliminate the diaphragm spring style compensator and runs solid in your primary, preventing slippage on your hot motor set up. They also eliminate the issues of disintegrating stock- or Screamin' Eagle compensating sprockets. Sprockets are over half the weight of the stock compensator set-up, reducing the rotating mass. Made out of heat treated high strength tool steel with a black oxide coating. The 34 tooth version gives the stock drive ratio, whereas the 32 tooth version increases acceleration with 6%. Come complete with detailed installation instructions. The 32 tooth version also includes a special tensiometer shoe to allow the use of the stock length primary chain. Fits all 2006 thru 2017 Dyna, 2007 thru 2017 Softail and 2007 thru 2016 Touring.

191200 Solid compensating sprocket for Twin Cam (except FXCW & FXCWC Rocker and FXSB Breakout), stock 34 tooth

191202 Solid compensating sprocket for Twin Cam, 32 tooth with special chain tensiometer shoe



BDL SPRINGLESS COMPENSATOR SPROCKET

The patented BDL springless design is claimed to be much quieter than the stock or any other diaphragm spring style compensator. Has 34 teeth, just like the stock compensator sprocket.

753556 Fits 2007-2017 Softail (except FXCW & FXCWC Rocker and FXSB Breakout), 2006-2017 Dyna and 2007-2016 Touring



REPLACEMENT MOTOR SPROCKET NUTS

Replacement motor sprocket nuts for Sportster and Big Twin models. Made of high quality steel to meet or exceed OEM specifications.

231785 Fits Big Twin models 1930 thru 1954 (OEM 24003-50)

231786 Fits Big Twin models 1955 thru early 1970 (OEM 24003-55)

231788 Fits Big Twin models late 1970 thru 1990 (OEM 40392-70)

346191 Fits Big Twin models from 1970 thru 1990 with compensating sprocket (OEM 40392-70)

231791 Fits Big Twin models from 1991-2006 (OEM 40392-91)

231787 Fits Sportster models 1970 thru 1990 (OEM 40387-70)

710863 Fits XL models 1991-1992 (OEM 7652)

717839 Fits 1993 to present Sportster (OEM 7839)



MILWAUKEE EIGHT SOLID COMPENSATOR

Solid 34 tooth sprocket conversion replaces the compensator assembly, which is often slipping and noisy. Weighs more than 50% less than the OEM or Screamin' Eagle unit. Easy to install following the included instructions. Fits 2017 to present Touring & Trike and 2018 to present Softail, except FLFB & FLFB Fat Boy, FXBR & FXBRS Breakout and FXDR.

191205 Milwaukee Eight solid compensator



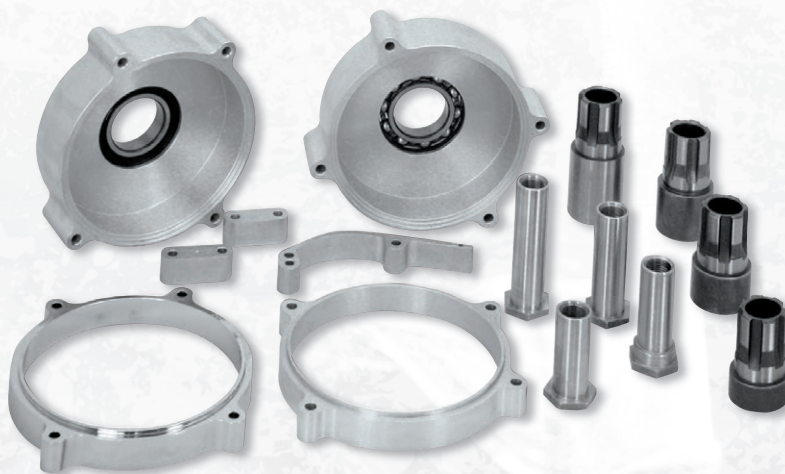
HIGH QUALITY ALLOY STEEL SPROCKET SHAFT EXTENSION

This sprocket shaft extension is made from high quality alloy steel and is precision ground to close tolerances. For use with OEM compensating sprocket.

346192 Fits Big Twin models from 1971 thru 1984 with primary chain, and Softail models 1984 thru 1990 (OEM 40375-70)

346217 Fits 1985 thru 1990 Touring, 1991 thru 2006 Softail, 1991 thru 2005 Dyna (OEM 40266-85)

346268 Fits 2006 thru 2011 Dyna, 2007 thru 2010 Touring and 2007 thru 2011 Softail except FXCW and FXCWC (OEM 40297-06)



EXTENDED SPROCKET SHAFTS & NUTS, PRIMARY SPACERS AND TRANSMISSION MOUNTING PLATES

For the Custom builder that wants extra fat tires without setting the engine off-center, Zodiac offers 12, 25, 35, 45 and 55mm extended motor sprocket shafts, motor sprocket nuts and spacer rings to fit most Big Twin models from 1970 to present. To stop the extra load on the crankshaft due to the 45 and 55mm crank extension, the 45 and 55mm spacer rings come with an installed support bearing. There are also offset transmission plates available for Softail models thru 1999.

Extended motor sprocket shaft fits Shovelhead models 1970 thru 1984 and Softail models 1984 thru 1990

346230 Motor sprocket shaft + 12mm
346231 Motor sprocket shaft + 25mm

Extended motor sprocket shaft fits FLT 1985 thru 2006, FXR 1985 thru 1994, Dyna models 1991 thru 2005 and Softail models 1991 thru 2006

346211 Motor sprocket shaft + 12mm
346210 Motor sprocket shaft + 25mm
346223 Motor sprocket shaft + 35mm
346222 Motor sprocket shaft + 45mm
346240 Motor sprocket shaft + 55mm

Extended motor sprocket shaft for 2006-2011 Dyna, 2007-2010 FLH/FLT and 2007-2011 Softail except FXCW and FXCWC (OEM 40297-06)

346014 Motor sprocket shaft + 25mm

Extended motor sprocket shaft nut, fits all Big Twin models 1991 thru 2006, except 2006 Dyna's

346215 Motor sprocket shaft nut + 12mm
346214 Motor sprocket shaft nut + 25mm
346224 Motor sprocket shaft nut + 35mm
346229 Motor sprocket shaft nut + 45mm
346241 Motor sprocket shaft nut + 55mm

Extended motor sprocket shaft nut, fits all Shovelhead models 1970-1984 and Softail models 1984-1990

346213 Motor sprocket shaft nut + 12mm
346212 Motor sprocket shaft nut + 25mm

Inner primary to motor spacer ring available in chrome plated or natural finish aluminum, fits all Big Twin models 1970 thru 2006, except 2006 Dyna's

236497 Aluminum, + 12mm
032553 Chrome, + 12mm
032554 Aluminum, + 25mm
032555 Chrome, + 25mm
236619 Aluminum, + 35mm
700919 Aluminum, with support bearing + 45mm
701126 Aluminum, with support bearing + 55mm
700929 Replacement bearing for ZPN700919 & 701126
701147 Aluminum, with closed bearing for use with open primary, + 55mm
750136 Replacement bearing for ZPN701147

Inner primary to motor spacer ring, fits 2006 Dyna, all 2007 thru 2017 Twin Cam and 2017 to present Milwaukee Eight 701963 Aluminum, + 27mm



Offset transmission plates fits Softail models 1986 thru 1999

236496 Off-set transmission plate, 12mm
236490 Off-set transmission plate, 25mm



EXTENDED BOLTS FOR 25MM PRIMARY OFFSET

Exactly the same bolts as you will find in Zodiac's primary offset kits. But for custom applications it might be a pain to find longer than stock bolts. These zinc plated ones are for use with 25mm spacers in 5-Speed Big Twin models.

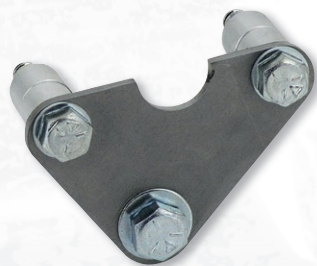
396013 Inner primary to transmission. Contains 4 pcs. 5/16 UNC x 3 3/4" hex head bolts

396014 Primary to engine. Contains 2 pcs. Allen head bolts 5/16 UNC x 2 3/4" and 2 pcs 3"

01
HELMETS,
LUGGAGE,
AUDIO & MORE02
SEAT03
EXHAUST04
ELECTRIC
& LIGHT05
ENGINE
ELECTRICS06
INTAKE07
ENGINE08
PRIMARY09
TRANSMISSION10
FINAL DRIVE11
WHEELS &
TIRE12
BRAKE13
FOOT
CONTROL14
HANDLEBAR15
FRONT
SUSPENSION16
CHASSIS/
FRAME
& SHOCKS17
FENDER
& STRUTS18
GAS TANK &
INSTRUMENT19
OIL TANK, FILTER
& LINE20
FASTENERS21
MIRROR22
WINDSHIELD23
OIL, CHEMICALS
& TOOLS24
TECHTIPS &
CROSS REF
> ZPN25
CROSS REF
ZPN > PAGE26
ALPHABETICAL
INDEX

Inner primary to transmission spacers

12mm	25mm	45mm	55mm	
700870	396006	700916	701123	Top spacer
700871	700881	700917	701124	Front spacer
700872	-	700918	701125	Lower spacer
700934	396019	700923	-	Dyna spacer front and bottom (3 required)



"THE FIFTH BRACE" TRANSMISSION MOUNT

The transmission in 1986 thru 1999 Softails is mounted to the frame with 4 studs on a mounting plate and on the right side with the 5th stud straight onto a bracket that is welded to the frame. It is common practice to offset the transmission to create space for a wider rear tire, using an offset mounting plate. The offset mounting plate however does not take care of the 5th stud, often resulting in a cracked inner primary. Installation of our "Fifth Brace" overcomes this problem. Installation is simple. All bolts, nuts, spacers, washers and a comprehensive instruction is included. All you have to do is drill a 3/8" hole in the vertical part of the bracket on your frame, put "The Fifth Brace" on it and then bolt that bracket straight onto the trapdoor. The result is a more torsion resistant and stronger-than-stock construction that drastically reduces the chance of a cracked inner primary. Fits stock and most aftermarket frames.

236894 "The Fifth Brace" transmission mount for 1986 thru 1999 Softail



ZODIAC'S 3" OPEN BELT DRIVE SYSTEM

A very complete 3" wide primary belt drive kit that contains the belt, complete clutch, front and rear pulley, starter pinion housing, starter pinion gear and aluminum motorplates in chrome or polished finish. There are many 3" belt drive kits on the market, some even as complete as these, but none of them are so much value for so little money. For those that want to have it all an optional outboard bearing support kit can be ordered separately. But that's not all. Another option is the Auto Clutch, a semi-automatic clutch set up. When you install this Auto Clutch you can just put the bike into gear, pull your brake and let your clutch go. Then you can even release the front brake lever, but at idle your bike still won't move. As soon as you rev the engine your clutch will engage and the bike will start rolling. When you hit the brake in heavy traffic you can just leave the bike in gear without disengaging the clutch. Just open the throttle and ride away again.

3" open belt drive kits for 1990 thru 2006 Softail

210509 Polished finish, without belt side guard

210501 Chrome finish, complete with belt side guard

Optional parts

210324 Outboard bearing support kit, polished

210325 Outboard bearing support kit, chrome

144712 Auto-clutch kit for 3" belt drives

Front pulley offset inserts permit you to match your primary belt drive unit to your particular frame and drive line combination. Inserts come complete with matching crankshaft nut

740138 1/4" offset

740139 1/2" offset

740140 3/4" offset

740141 1" offset

740142 1 1/4" offset

740143 1 1/2" offset

740144 1 3/4" offset

740145 2" offset

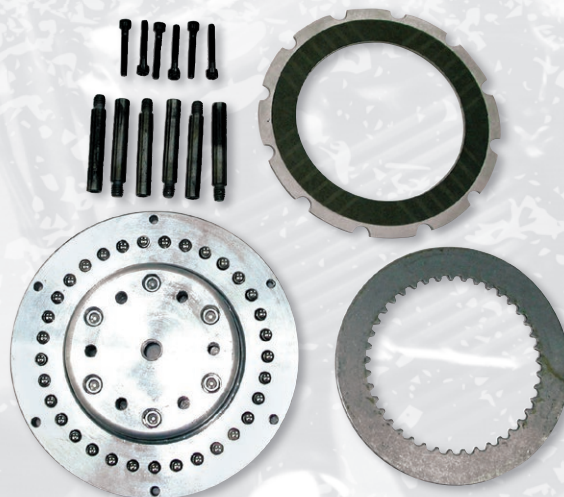
Replacement parts

290552 Starter jack shaft kit

144726 Clutch plate kit

395000 Belt, 3" wide, 141 tooth, 8mm pitch

210230 Mainshaft bearing



ZODIAC'S "AUTO CLUTCH" FOR OPEN BELT DRIVE SYSTEM

The Auto Clutch, a semi-automatic clutch set up. When you install this Auto Clutch on your 3" belt drive you can just put the bike into gear, pull your brake and let your clutch go. Than you can even release the front brake lever, but at idle your bike still won't move. As soon as you rev the engine your clutch will engage and the bike will start rolling. When you hit the brake in heavy traffic gear you can just leave the bike in gear without disengaging the clutch. Just open the throttle and ride away again, the more revolutions the engine makes the more clutch pressure the Auto Clutch makes. The perfect solution to cure clutch slipping problems when using High Performance engines.

144712 Auto-clutch kit for 3" belt drives

R144712A Replacement bolt for autoclutch (each)

R144712B Replacement stud for autoclutch (each)



IMPORTANT INFORMATION

Due to the wide application and fitting variations of primary and final belts, Zodiac can not accept any claim for warranty as, no matter how long they have been used and no matter what the defect is, belts are not covered by any manufacturer warranty. To avoid any complications we suggest that belts should be installed by a qualified mechanic.

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



BELT DRIVE KITS FOR 45CI MODELS

These belt drive kits fit inside the stock primary cover of all 45CI Solo, Servicar and sidecar models. Includes front and rear belt pulley and matching belt. Runs smooth and helps to keep your bike clean. It is not recommended to install these belt drive kits in conjunction with a clutch bearing Big Fix kit such as ZPN 755841.

745839 Belt drive kit for use on 45CI solo models

745842 Belt drive kit for use on 45CI Servicar and Sidecar models

Replacement belts

745840 Replacement belt for solo models

745843 Replacement belt for Servicar and sidecar models



CONTOUR BELT DRIVE KIT BY PERFORMANCE MACHINE

The legendary custom builder John Buttera always inspires Performance Machine. Known as Lil' John he became world famous for his amazing Hot-Rods and Custom Bikes. This is one of Lil' John designs. This belt drive kit is 12 lbs. lighter as stock and therefore reduces the weight balance especially when wide tire kits are used, and primary's are pushed away from the center of the bike. It is also a full 2 inches narrower than a stock primary and so accessing to your forward controls will be easier. Inside the primary a compensator motor sprocket reduces impact on the system and allows the use of a narrow belt. Race style clutch springs activate Barnett clutch plates for a smooth operation and a long life. This open primary includes everything to replace your stock primary.

Fits 1991-2005 Dyna and 1991-2006 Softail, except Dynas with mid controls

757215 Chrome

756395 Black Contrast Cut

Fits 2007 Softail and 2006-2007 Dyna, except Dynas with mid controls

757213 Chrome

757214 Black Contrast Cut

Fits 2008 thru 2017 Dyna & Softail, except Rocker, Rocker C & Breakout

757211 Chrome

757212 Black Contrast Cut

Fits 2008-2017 Rocker, Rocker C and Breakout, except those with hydraulic clutch

757209 Chrome

757210 Black Contrast Cut

Fits 1990 thru 2006 Touring

757207 Chrome

757208 Black Contrast Cut

Fits 2008 thru 2013 Touring

757205 Chrome

757206 Black Contrast Cut

Fits 2014 thru 2016 Touring

757203 Chrome

757204 Black Contrast Cut



PRIMO "BRUTE II EXTREME" ENCLOSED 1 1/2" BELT DRIVE KITS

Primo's "Brute II Extreme" belt drives feature the ultra severe duty 1 1/2" wide 11mm pitch Kevlar polychain belt. These drives are designed for enclosed primary fitment, either within aluminum primaries or within so called "tin" or stamped steel primary covers. All kits can be used with an OEM style or aftermarket dry clutch. Belt drives for 1936 thru 1964 models feature a 33 tooth front and 49 tooth rear pulley and are available for use with 1936 thru 1954 style tapered engine sprocket shaft or 1955 thru 1964 style splined engine sprocket shaft. Belt drives for 1965 thru 1984 feature a 34 tooth front and 49 tooth rear pulley and are available in your choice of kickstart-only or kick- and electric start.

722936 Taper shaft 1937-1954 kick start only

722944 Spline shaft 1955-1964 kick start only

722935 Spline shaft 1965-1984 kick start

722937 Spline shaft 1965-1984 kick- & electric start, short primary with belt final drive

722945 Replacement belt, 101 tooth



PRIMO BELT DRIVE KITS FOR BIG TWIN

Primo belt drive kits are proven to be the best on the market. Years of research and development has made them the Number 1 manufacturer of primary belt drive systems for Harley-Davidson. They have produced the finest primary belt drive units for over 14 years, utilizing a manufacturer with 30 years experience in drive pulley engineering.

Features:

- Hard anodized pulleys for years of trouble free riding.
- All front pulleys are drilled and tapped for easy removal.
- All models with one piece aluminum rear pulleys have hardened clutch dogs secured with three steel rivets.
- All bearing races for the Big Twins are made of a special chrome-moly carbonized steel with a minimum hardness on the C-Rockwell scale of 60 on the bearing surface.
- Bearings have a tough core that resists cracking under vibration and load.

All belt drive components sold as Primo-products are manufactured in America. Ride with the best, ride with Primo.

Kits with 8mm pitch belts Fits all Big Twins 1937 thru 1984 with 4 Speed transmission (except models with factory rear belt drive). Available with 1 1/2"-2"-3" wide belts.

1 1/2" Belt Drive Kits

195028 Taper shaft 1937-1954 kick start

700545 Kevlar repl. belt 132T X 1 1/2" (length 42.5")

195004 Spline shaft 1955-1977 kick start

195000 Spline shaft 1977-1984 kick and electric start

700546 Kevlar repl. belt 132T X 1 1/2" (length 42.5" +). If belt is too loose on pulleys use ZPN700545

2" wide belts (MUST RUN OPEN)

195008 Spline shaft 1955-1984 kick start

196056 Replacement belt 144 tooth X 2"

3" wide belts (MUST RUN OPEN) Strongly advised for high performance engines.

195024 Spline shaft 1955-1984 kick start

196060 3" Wide belt for Softail & Dyna models, 144 tooth, HTD 8mm pitch



IMPORTANT INFORMATION

Due to the wide application and fitting variations of primary and final belts, Zodiac can not accept any claim for warranty as, no matter how long they have been used and no matter what the defect is, belts are not covered by any manufacturer warranty. To avoid any complications we suggest that belts should be installed by a qualified mechanic.



PRIMO BRUTE-III 1 3/4" WIDE BELT DRIVE KITS

These Primo belt drive kits for Evolution Big Twins and Twin Cam models have a different front and rear pulley combination which makes the use of idler or tensioner obsolete. This reduces customer cost and simplifies installation. Kits come with hard anodized front pulley, 1 3/4" wide 8mm pitch Aramid reinforced belt, complete Pro-Clutch clutch-pack and pressure plate assembly, as well as all necessary hardware and instructions.

Fits FXR and FLT models

237284 Fits 1986 thru 1989 models

237286 Fits 1990 thru 1993 models

237288 Fits 1994 thru 2006

237504 Replacement belt 130 Tooth, 8mm pitch

Fits Softail and Dyna models

237285 Fits 1986 thru 1989 models

237505 Replacement belt 138 Tooth, 8mm pitch



PRIMO BRUTE III EXTREME

Primo's Brute III Extreme is specifically designed for high horsepower street or competition applications requiring above average strength and durability. The proprietary 11mm 1 3/4" "dense pack" smooth back Kevlar polychain belt is virtually indestructible and available exclusively from Primo. Primo's Brute III Extreme was specifically designed to live with the extreme shockloads generated by large displacement, highly modified American V-Twins without whimpering. This unit represents the latest technological advances in primary drive power transfer, and primary belt design. Utilizes stock inner & outer primary covers. Available with stock style starter ring gear, as well as one with Primo's 84 tooth ring gear and mating pinion gear.

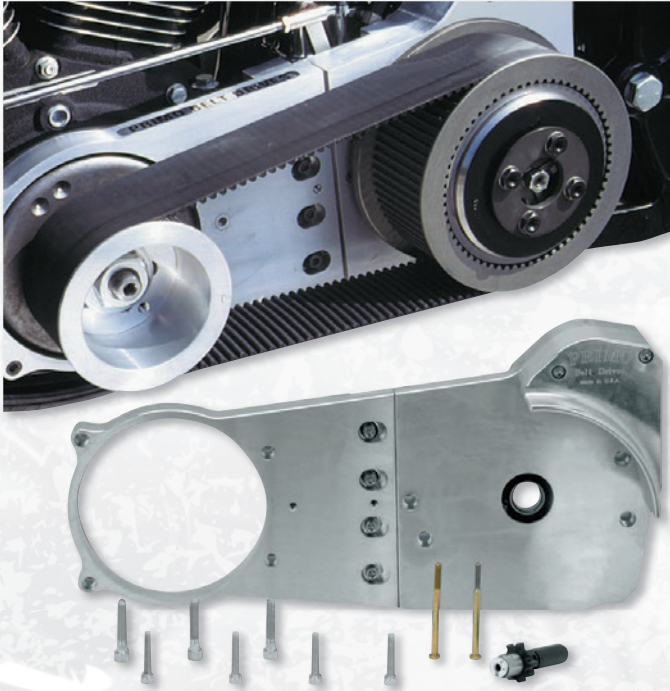
722544 Fits 1990 thru 1993 Dyna and Softail

722545 Fits 1994 thru 2005 Dyna and Softail

722547 Fits 1994 thru 2005 Dyna and 1994 thru 2006 Softail, includes 84 tooth ring gear & mating pinion gear

722971 Replacement belt, 1 3/4" wide, 101 teeth, 11mm pitch

761018 Replacement clutch pack with all steel and friction plates



PRIMO'S BRUTE-IV OPEN BELT DRIVE KIT

These belt drive kits out-class any other make in machining, fitment, reliability, finish and performance. Primo belt drive kits contain front pulley, rear pulley, 2" or 3" wide belt and the new style diaphragm spring operated Pro Clutch for smooth and positive shifting and easy operating clutch engagement. Complete kits also include Heavy-Duty aluminum motor plates, belt guard and a bearing support with installed bearing. For electric start models the starter housing assembly, starter drive extension and all necessary hardware needed for installation of your starter motor. Installation of the ZPN720504 kit on 4-speed Shovelhead models requires the separate purchase of a 1989 thru 1993 or 1994 thru 2006 style strater motor. For custom bike builders there are optional offset pulley inserts and longer pulley nuts available, these are listed in the optional and replacement parts list.

Note: The "Kick start Only" kits DO NOT INCLUDE any parts for the installation of a starter motor and require fitting of a ZPN235002 kick start kit.

Pro-Clutch replacement parts can be found elsewhere in this section.

Note: No starter housing or any other starter part included in "kickstart only" kits.



Belt drive only	Motor plates only	Complete kits	
720350	-	-	Fits 1936 thru 1954 models, kick start ONLY (tapered sprocket shaft)
720351	-	-	Fits 1955 thru 1984 models, kick start ONLY (splined sprocket shaft)
-	-	720504	Fits 1970 thru 1978 4-speed ratchet top Shovelhead, electric start. Order 1990-1995 style starter motor separately
237437	-	-	Fits 1984 thru 1989 Softail, kick start ONLY
237438	-	-	Fits 1990 thru 1999 Softail, kick start ONLY
237441	237443	237446	Fits 1990 thru 1999 Softail, electric start
-	-	722575	Fits 1990 thru 1999 Softail, has .25" front pulley offset, electric start
721722	722373	237446	Fits 2000 thru 2006 Softail, electric start
237441	-	-	Fits 1990 thru 2005 Dyna, electric start
720352	723179	-	Fits 1990 thru 1994 FXR, kick start ONLY (11.300" center distance)
-	-	722955	Polished, fits 1990 thru 1994 FXR & 1990 thru 2006 Touring, electric start. Has 2" wide belt and designer covers
-	-	723194	Black, fits 1990 thru 1994 FXR & 1990 thru 2006 Touring, electric start. Has 2" wide belt and designer covers

Replacement parts

196060 3" wide 144 tooth belt for all kits, except FXR and Touring

Replacement parts

196060 3" wide 144 tooth belt for all kits, except FXR and Touring

01
HELMETS,
LUGGAGE,
AUDIO & MORE

02
SEAT

03
EXHAUST

04
ELECTRIC
& LIGHT

05
ENGINE
ELECTRICS

06
INTAKE

07
ENGINE

08
PRIMARY

09
TRANSMISSION

10
FINAL DRIVE

11
WHEELS &
TIRE

12
BRAKE

13
FOOT
CONTROL

14
HANDLEBAR

15
FRONT
SUSPENSION

16
CHASSIS/
FRAME
& SHOCKS

17
FENDER
& STRUTS

18
GAS TANK &
INSTRUMENT

19
OIL TANK, FILTER
& LINE

20
FASTENERS

21
MIRROR

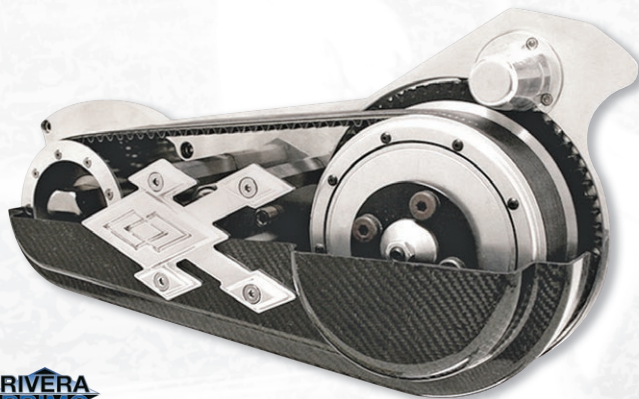
22
WINDSHIELD

23
OIL, CHEMICALS
& TOOLS

24
TECHTIPS &
CROSS REF
> ZPN

25
CROSS REF
ZPN > PAGE

26
ALPHABETICAL
INDEX



PRIMO'S SLIMLINE 1 3/4" OPEN BELT DRIVE

Primo's Slimline open belt drive features a 1 3/4" narrowed belt. This 11mm. pitch belt is the a "Dense Pack" Kevlar polychain belt, tested to withstand horsepower loads in excess of 150 HP. The Slimline features a one-piece billet aluminum motor plate and a Carbon Fiber or Billet Aluminum outer cover that fully covers the belt and pulleys for both added safety and pleasing aesthetics. Kit comes with belt, front and rear pulleys, as well as a Pro-Clutch assembly for maximum torque transference. Fits all electric start 1990 thru 1999 Evolution Softails and 2000 thru 2006 Twin Cam Softails. Use with front pulley bolts and inserts for offset applications as listed for regular Brute IV belt drives with 3 1/2" diameter (upper half of belt cover removed for illustration purposes).

722939 Slimline belt drive with carbon cover



PRIMO'S BRUTE IV EXTREME 3" OPEN BELT DRIVE

Primo's Brute IV Extreme 3" wide open belt drive is designed with the same uncompromising attitude towards form and function as on all their other belt drives. The Brute IV Extreme is an economy priced complete set up that features a one-piece motor plate, front and rear pulleys with bolt-on polished stainless steel flanges, a very tasteful 3/4" thick (19mm) billet aluminum outer guard and a Pro-Clutch assembly for maximum torque transference. Kits are available in polished or black. Use with front pulley bolts and inserts for offset applications as listed for regular Brute IV belt drives with 3 1/2" diameter.

Fits electric start 1990 thru 1999 Evolution Softails, 2000 thru 2006 Twin Cam Softails

722938 Polished

723177 Black

Fits electric start 1990 thru 1999 Evolution Dyna and 2000 thru 2005 Twin Cam Dyna

723362 Polished

Replacement parts

196060 3" Wide belt for Softail & Dyna models, 144 tooth, HTD 8mm pitch

761019 Replacement clutch pack with all steel and friction plates



722959 Slimline belt drive with billet cover

Replacement parts

722971 Replacement belt, 1 3/4" wide, 101 teeth, 11mm pitch



IMPORTANT INFORMATION

Due to the wide application and fitting variations of primary and final belts, Zodiac can not accept any claim for warranty as, no matter how long they have been used and no matter what the defect is, belts are not covered by any manufacturer warranty. To avoid any complications we suggest that belts should be installed by a qualified mechanic.



01
HELMETS,
LUGGAGE,
AUDIO & MORE02
SEAT03
EXHAUST04
ELECTRIC
& LIGHT05
ENGINE
ELECTRICS06
INTAKE07
ENGINE08
PRIMARY09
TRANSMISSION10
FINAL DRIVE11
WHEELS &
TIRE12
BRAKE13
FOOT
CONTROL14
HANDLEBAR15
FRONT
SUSPENSION16
CHASSIS/
FRAME
& SHOCKS17
FENDER
& STRUTS18
GAS TANK &
INSTRUMENT19
OIL TANK, FILTER
& LINE20
FASTENERS21
MIRROR22
WINDSHIELD23
OIL, CHEMICALS
& TOOLS24
TECHTIPS &
CROSS REF
> ZPN25
CROSS REF
ZPN > PAGE26
ALPHABETICAL
INDEX**PRIMO'S BRUTE IV EXTREME 3" OPEN BELT DRIVE FOR 6-SPEED MODELS**

Designed with the same uncompromising attitude towards form and function as on all Primo belt drives, but specifically for the new 6-speed transmission as introduced on the 2006 Dyna and 2007 Softail. The Brute IV Extreme features a 3" wide drive belt, one-piece motor plate, front and rear pulleys with bolt-on stainless steel flanges, a 3/4" thick (19mm) billet aluminum outer guard and a Pro-Clutch assembly for maximum torque transference. Available in polished or black matte powdercoat.

Note: Installation on 2006 Dyna and 2007 Softail must be in conjunction with a 2008 thru 2017 Twin Cam alternator rotor ZPN737007.

Fits all 2006 Dyna and all 2007 Softail

722946 Polished

723170 Black

Fits 2007-2017 Dyna and 2008-2017 Softail, except Rocker, Breakout and 2009 FXSTSE

723360 Polished

Fits 2008-2011 FXCW & FXCWC Rocker, 2013-2017 FXSB, FXSBSE & FXSE Breakout and 2009 FXSTSE

723361 Polished

737007 Alternator rotor for 2006 Dyna and 2007 Softail

Replacement parts

196060 3" Wide belt for Softail & Dyna models, 144 tooth, HTD 8mm pitch

761480 Clutch steels and frictions kit

**BRUTE IV EXTREME OPEN BELT DRIVE FOR TOURING MODELS**

Primo's Brute IV Extreme Touring Open Belt Drive is just a measly 2" wide, but boy can it hold the power. The special 2" wide 8mm pitch Kevlar corded belt included with this kit was specifically designed to hold in excess of 150 HP. The drive's electric start feature utilizes a 66 tooth ring gear for maximum torsional longevity. It also features a modular heel toe shifter linkage support so you don't have to figure out how to run your linkage as on other drives. Imagine, no more primary oil changes, no more leaking gaskets; almost maintenance free for your bagger. And then there's the super light pull on the included world famous Pro Clutch, yet it holds 120+ HP. And those that have more horsepower can add the TPP Variable Pressure Clutch Assist that works like a mini lock up, holds over 200+ HP and still has a super light pull.

723176 Polished, fits 2007 FLH and FLT models

723191 Polished, fits 2008 thru 2013 FLH and FLT models

723174 Black, fits 2008 thru 2013 FLH and FLT models

724201 Black, fits 2014 to present FLH and FLT models with cable clutch

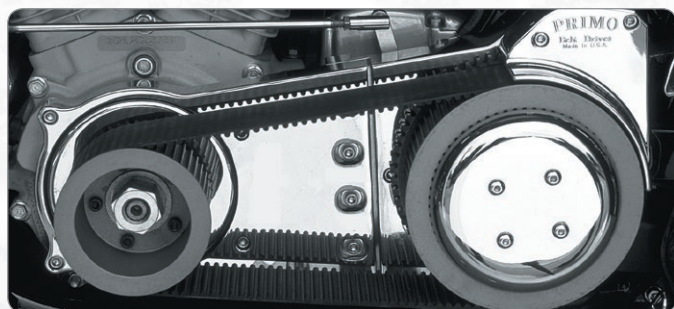
724202 Polished, fits 2014 to present FLH and FLT models with hydraulic clutch

724203 Black, fits 2014 to present FLH and FLT models with hydraulic clutch

Replacement parts

761018 Clutch steels and frictions kit for 1990-2006, American Prime Mfg.

761480 Clutch steels and frictions kit for 2007 to present models

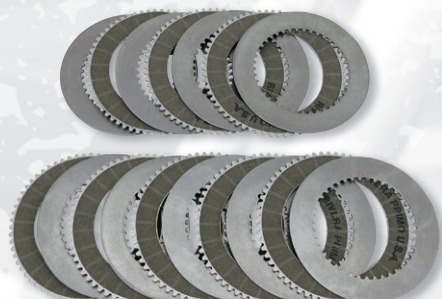


BRUTE V 3 1/2" WIDE OPEN BELT DRIVE

Primo's new 3 1/2" wide open belt drive is designed and manufactured to handle all the horsepower your Big Bad Stroker or Big Bore can dish out. It is the first 3 1/2" wide, 14mm pitch belt drive available. A very complete and easy to install kit, comes complete with Pro-Clutch, front and rear pulleys, 3 1/2" wide belt, starter motor extension, starter drive cover, belt side guard, two-piece design CNC machined billet aluminum motor plates, hardware and mounting instructions. Picture does not show the belt side guard but with the optional chrome clutch dome and chrome alternator rotor cover.

722253 Fits 1990 thru 1999 Evolution Softail models

722364 Fits 1990 thru 1998 Evolution Dyna and 1999 thru 2005 Twin Cam Dyna



Optional and replacement parts

722259 Replacement belt for Brute V kits

722376 Replacement clutch pack with all steel and friction plates



BDL BALL BEARING CLUTCH LOCK-UP KIT FOR PRIMO BELT DRIVE

BDL's Ball Bearing Lock Up Clutch changes the fulcrum point for easier pull. They fit into the clutch basket and replaces the pressure plate, diaphragm and retainer.

740147 Fits Primo Belt Drives on 1990-2006 5-speed Big Twin



OFF-SET FRONT PULLEYS FOR PRIMO BRUTE III BELT DRIVES

These Primo offset front pulleys give custom bike builders the option to offset the transmission when using a wide rear wheel and tire. Inserts fit 13/4" wide Primo Brute III belt drives on Softail and Dyna models.

700521 1/2" Offset front pulley

700522 1" Offset front pulley



TPP VARIABLE PRESSURE PLATE FOR PRIMO BELT DRIVES

TPP variable pressure plate assemblies to increase pressure at higher RPM. Less effort is required to pull the clutch lever while shifting. Under the influence of high horsepower a dramatic increase in clutching power is obtained. Up to 60% more clutch pack compression allows to use a lighter diaphragm clutch spring. These TPP variable pressure clutch plates are only to be used in combination with Primo belt drives. Selected models come complete with a polished billet end cover. Installation on enclosed belt drives may require spacing out of the derby cover.

Big Twin & Twin Cam models with stock 5-speed or aftermarket 6-speed transmission

722967 Fits Brute III belt drives (enclosed primary)

722956 Fits Brute IV belt drives, comes with billet aluminum cover

722979 Fits Brute V belt drives, no cover included

722543 Fits Brute III Extreme & Brute IV Extreme belt drives

2006-2017 Dyna, 2007-2017 Softail & 2007-2016 Touring

722977 Fits Primo belt drives with cable or aftermarket hydraulic clutch

722978 Fits Primo belt drives with OEM or Screamin' Eagle hydraulic clutch



PRIMO FRONT PULLEY SPACERS

Specially manufactured by Primo to enable professional mechanics & others to accurately align front belt drive pulleys for a straight running belt. Manufactured from 1008-1010 steel and precision ground for perfectly parallel and flat surface these spacers help you to create correct pulley alignment for correct belt tracking and extended belt life. Available as assortment set containing all 5 different sizes as well as in separate sizes. Fits 1970-2006 Big Twin except 2006 Dyna.

700497 Assortment set (1 of each size)

700498 .020" thick pulley shim

700499 .030" thick pulley shim

700538 .050" thick pulley shim

700539 .075" thick pulley shim

700583 .100" thick pulley shim



REPLACEMENT FRONT PULLEYS

Replacement belt drive pulleys for Primo belt drive kits.

Fits 1965 thru 1984 belt drives with spline shaft and 8mm pitch

232918 1 1/2" wide, 41 tooth



Fits Brute IV belt drives for Softail & Dyna

233614 Pulley without insert, 3" wide, 48 tooth



REPLACEMENT BELTS FOR PRIMO BELT DRIVE KITS

Primo offers replacement belts in two strength. The normal HTD belt replaces the belt that is normally supplied with the Primo belt drive kits. There is also a Kevlar quality belt available. The Kevlar belts feature a kevlar cord layer that has exceptional strength compared the cord

layer in the HTD belts. Kevlar belts are highly recommended for use with high performance and big cubic inch motors. Primo Kevlar belts are used on the primary of the 600 + Horsepower Drag-Bikes of Ton Pels and many others.

PRIMO REPLACEMENT BELTS

HTD	Kevlar/Aramid	Teeth	Pitch	Width	Primary	Pulley combination/fitment
722972	-	144	8mm	1 1/2"	Long	47 x 76 pulley, fits old model belt drive
-	700545	132	8mm	1 1/2"	Long	39 x 62, 40 x 62 ad 41 x 61 pulley, stock belt on ZPN195028, 195004, 195006 & 195000
-	700546	132	8mm	1 1/2"	Long	.050" longer, use when ZPN700545 is to short
-	237504	130	8mm	1 3/4"	Short	48 x 68 pulley, fits ZPN237284, 237286, 237288
-	237505	138	8mm	1 3/4"	Long	45 x 68 pulley, fits ZPN237285
196056	-	144	8mm	2"	Long	47 x 76 & 48 x 76 pulley, fits ZPN195008
196060	-	144	8mm	3"	Long	47 x 76 & 48 x 76 pulley, fits ZPN195024, 720350, 720351 237437, 237438, 237441, 721722
-	740127	132	8mm	3"	Short	44 x 76 pulley, fits ZPN237435, 237436, 720352, 720353
-	722971	101	11mm	1 3/4"	Long	34 x 49 pulley, fits ZPN722544, 722545, 72246, 722547, 722939 & 722959
-	722945	101	11mm	1 1/2"	Long	33 x 49 & 34 x 49 pulley, fits ZPN722935, 722936, 722937, 722944
700594	-	92	11mm	1 1/2"	Short	31 x 47 pulley, fits ZPN700520
722259	-	85	14mm	3 1/2"	Long	30 x 46 pulley, fits ZPN722252, 722253
-	700525	78	14mm	1 1/2"	Long	24 x 37 pulley



OFF-SET FRONT PULLEY INSERTS

These Primo off-set front pulley inserts allow custom bike builders the freedom to offset the transmission allowing the use of a wider rear wheel-tire assembly. There are two different insert styles available, a 2 1/2" diameter insert to fit Primo Brute III 1 3/4" and early style Brute IV 3" belt pulleys, the other a 3 1/2" diameter insert that fits late style Brute IV 3" wide belt pulleys. All inserts come with 5 countersunk screws and 2 dowel pins. You will need to select an outside guide, an insert and corresponding motor nut and the special washer.

Brute III

- 700500** Outside guide for offset pulley insert
- 700501** Standard insert (NO off-set)
- 700502** 1/2" off-set insert
- 700507** 1/2" off-set motor nut
- 700503** 1" off-set insert
- 700508** 1" off-set motor nut
- 700504** 1 1/4" off-set insert
- 700509** 1 1/4" off-set motor nut
- 700505** 1 1/2" off-set insert
- 700510** 1 1/2" off-set motor nut
- 700506** 2" off-set insert
- 700511** 2" off-set motor nut
- 700512** Special washer for offset pulleys
- 721736** Counter sunk insert screws

Brute IV

- ø 2 1/2"**
- 700502**
- 700507**
-
- 700508**
- 700503**
- 700508**
- 700504**
- 700509**
- 700505**
- 700510**
-
- 700506**
- 700511**
-
-
- 700512**
- 721736**

Brute IV & Brute V & late 1 3/4 Brute III Extreme

- ø 3 1/2"**
- 721727** Standard insert (NO offset)
- 700507** Standard motor nut
- 721735** 3/8" offset insert
- 3/8" offset motor nut
- 721728** 1/2" offset insert
- 700508** 1/2" offset motor nut
- 3/4" offset insert
- 700509** 3/4" offset motor nut
- 721729** 1" offset insert
- 700510** 1" offset motor nut
- 721730** 1 1/4" offset insert
- 721731** 1 1/2" offset insert
- 700511** 1 1/2" offset motor nut
- 721732** 2" offset insert
- 700511** 2" offset motor nut
- 700512** Special washer for off-set pulleys
- 721736** Counter sunk insert screws

01
HELMETS,
LUGGAGE,
AUDIO & MORE

02
SEAT

03
EXHAUST

04
ELECTRIC
& LIGHT

05
ENGINE
ELECTRICS

06
INTAKE

07
ENGINE

08
PRIMARY

09
TRANSMISSION

10
FINAL DRIVE

11
WHEELS &
TIRE

12
BRAKE

13
FOOT
CONTROL

14
HANDLEBAR

15
FRONT
SUSPENSION

16
CHASSIS/
FRAME
& SHOCKS

17
FENDER
& STRUTS

18
GAS TANK &
INSTRUMENT

19
OIL TANK, FILTER
& LINE

20
FASTENERS

21
MIRROR

22
WINDSHIELD

23
OIL, CHEMICALS
& TOOLS

24
TECHTIPS &
CROSS REF
> ZPN

25
CROSS REF
ZPN > PAGE

26
ALPHABETICAL
INDEX

01
02
03
04
05
06
07
08
09
10
11
12
13
14
15
16
17
18
19
20
21
22
23
24
25
26

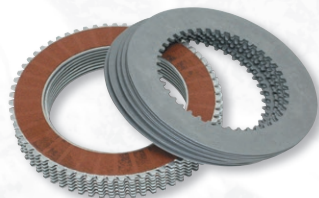


STARTER RING GEAR FOR PRIMO

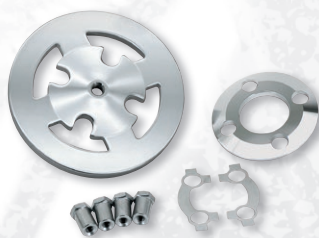
Manufactured as a replacement for Primo belt drives. This ring gear is hardened and machined for a press fit. Where needed rivets are included. Two versions are available, one as a rivetted replacement ring gear for all electric start Primo belt-drives manufactured before 1994, the other is a bolt on model and fits all Primo belt drives that were manufactured after 1994.

303005 Starter ring gear with 3 rivets for belt drives produced before 1994, inner diameter 188mm (66T)

237005 Starter ring gear with 6 bolts for belt drive produced after 1992 inner diameter 178mm (66T)



722395 Fits Primo Classic Brute III and Brute IV belt drives, kit consists of 7 friction and 8 steel plates



BILLET BELT DRIVE CLUTCH PRESSURE PLATE DRESS-UP KIT

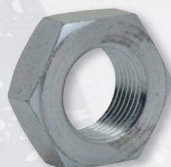
CNC machined from billet aluminum with a chrome finish to enhance the appearance of the clutch from your open belt drive. Kit consists out of an inner and outer plate, matching shoulder nuts and lock plates. Fits Brute III, Brute IV and Brute V belt drives.

144143 Clutch pressure plate dress-up kit



BARNETT CLUTCH KITS FOR PRIMO BELT DRIVES

Barnett has been at the forefront of motorcycle clutch design for over 40 years. Barnett clutches have won more races and set more records than any other brand made. Also when you have a Primo Belt Drive installed, Barnett has a clutch for you. Barnett clutches are designed to operate smoothly and trouble free for mile after mile.



BRUTE IV CRANKSHAFT NUT

The same nut as supplied with Primo's Brute-IV belt drive kits. Does not work with offset pulleys.

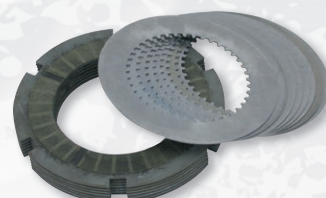
195020 Brute-IV crankshaft nut (OEM 24003-55)



REPLACEMENT MAINSHAFT BEARING FOR PRIMO MOTOR PLATES

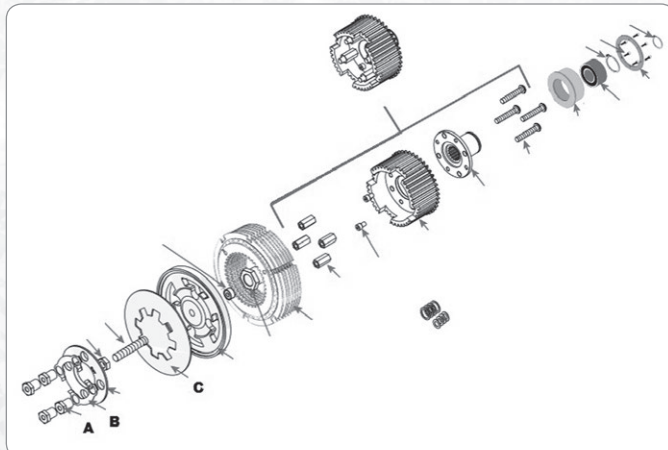
Replacement bearing for Primo's billet aluminum motor plates as used in Primo's Brute-IV belt drive kits.

700928 Primo Brute-IV main shaft bearing



722390 Fits Primo Belt Drive on 1936 thru 1984 Big Twins, kit consists of 7 friction and 8 steel plates

NEW



PRIMO BELT DRIVE CLUTCH & PRO-CLUTCH REPLACEMENT PARTS

Pro Clutches are also used in many Primo Belt Drives. Apart from friction and drive discs, these are the most common replacement parts. Your Pro Clutch or Primo Belt drive is supplied with an exploded view with part numbers, reason why we also list Primo part numbers. For reference we pictured the Pro-Clutch for 4-Speed Big Twins, ZPN701151.

A. Spring retainer nuts

Sold each

761003 Nut, .800" long, 11/16" wrench size (Primo 2057-0022)

B.

761004 Tab washer (Primo 1058-0106)

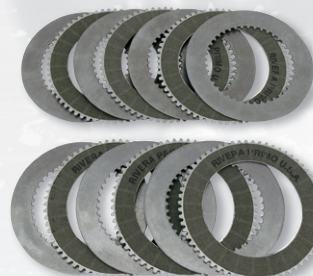
C. Diaphragm clutch springs

All Pro Clutches and Primo Belt Drives that were supplied with a clutch use the same diaphragm spring.

761015 Easy-on-the-hand spring, for stock motors only, black (Primo 2059-0001)

761016 Diaphragm spring, silver +15% (Primo 2059-0003)

761017 Extra Heavy Duty, 40% stronger than stock, for competition use only



Fits Primo 1 1/2" belt drives on 1937-early 1984 Big Twin. Kit contains 7 friction plates, 7 pieces .047" steel pieces, and a .120" thick steel back plate.

761007 Friction plate

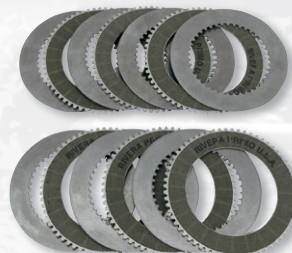
761009 .047" thick steel drive plate, 7 needed

761011 .120" thick steel end plate

761020 Replacement clutch pack with all steel and friction plates

REPLACEMENT CLUTCH PLATES FOR PRIMO BELT DRIVES

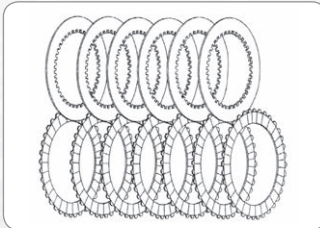
Over the years Primo/Rivera have changed the construction of stock replacement Pro-Clutches, as well as Pro-Clutches as supplied with Brute Classic, Brute III, and Brute IV belt drives. The early style Pro-Clutch had a clutch hub with integrated steel rear plate, the late style Pro-Clutch have a hub and separate rear plate. Please note that Pro-Clutches used for stock replacement and the Pro-Clutch as supplied with a Primo belt drive are NOT the same!



Fits Pro-Clutch as used in Primo Brute Classic, Brute III and Brute IV belt drives with early style clutch hub. Kit contains 6 friction plates, 6 pieces .080" steel drive plates, and a .047" steel drive plate. Clutch pack height is 1.485"

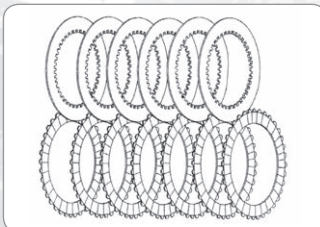
722379 Replacement clutch pack with all steel and friction plates



Individual parts:**722377** Friction plate**761005** .080" thick steel drive plate**761009** .047" thick steel drive plate**761011** .120" thick steel end plate

Fits Pro-Clutch as used in Primo Brute III, and Brute IV belt drives with late style clutch hub. Kit contains 7 friction discs, 6 pieces .080" steel drive plates, a .047" steel drive plate, and a .120" steel end plate

761019 Replacement clutch pack with all steel and friction plates



Fits Pro-Clutch as used in Primo Brute Classic belt drives with late style clutch hub. Kit contains 7 friction discs, 3 pieces .080" steel drive plates, 4 pieces .047" steel drive plate, and a .120" steel end plate.

722381 Replacement clutch pack with all steel and friction plates

Fits Pro-Clutch as used in Primo Brute V belt drives. Kit contains 8 friction discs, 5 pieces .080" steel drive plates, 3 pieces .047" steel drive plates, and a .120" steel end plate.

722376 Replacement clutch pack with all steel and friction plates

**761005** .080" thick steel drive plate**761009** .047" thick steel drive plate**761011** .120" thick steel end plate

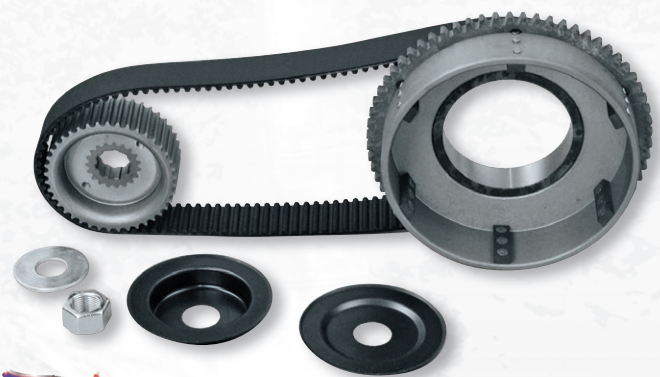
Fits Slimline, Brute III Extreme and Brute IV belt drives on 1991-2005 Dyna & 1990-2006 Softail. Kit contains 7 friction discs, 3 pieces .059" steel drive plates, 3 pieces .080" steel drive plates, a .100" drive plate and a .120" steel end plate.

761018 Replacement clutch pack with all steel and friction plates

Individual parts**761006** .080" thick steel drive plate**761008** .120" thick steel end plate

Fits Brute IV Extreme & Slimline belt drives on 2007-2017 Twin Cam. Kit contains 7 friction discs, 4 pieces .059" steel drive plates, 3 pieces .080" steel drive plates and a .120" steel end plate.

761480 Replacement clutch pack with all steel and friction plates

761006 .080" thick steel drive plate**761008** .120" thick steel end plate**8MM BELT DRIVE KITS FOR 4 SPEED MODELS**

Many bike builders still feel the 8mm belt pitch provides the best all-round performance and believe it is the best all-around combination for dependable operation. Kit includes belt, front pulley and rear clutch hub pulley. This kit is designed for using your existing clutch and clutch hub.

Belt kit 1 1/2" wide 8mm pitch**740100** Kick start tapered shaft 1936-1954, 39-62 pulley combination**740101** Kick start splined shaft 1955-1964, 39-62 pulley combination**740102** Kick start splined shaft 1965-1978, 40-62 pulley combination**740103** Kick start splined shaft 1979-1984, 41-61 pulley combination**740104** Electric start 1965-1978, 41-61 pulley combination**740105** Electric start 1979-1984 (chain final drive), 41-61 pulley combination**740106** Electric start 1979-1984 (belt final drive), 41-61 pulley combination**740131** Replacement belt (132 T.) for kit: 740104**740132** Replacement belt (132 T.) for kit: 740100, 740101, 740102, 740103, 740104, 740105, 740106**11MM PRIMARY BELT DRIVE KITS**

In the mid eighties the 11mm belt kit with 31 tooth engine pulley and 47 tooth clutch pulley was introduced. The large pitch tooth profile is preferred by many users. For the belt adjustment kits for aluminum primary include a BDL idler that makes sure belt tension is correct, tin primary models use transmission adjustment for correct tension.

Belt kit 1 1/2" wide 11mm pitch

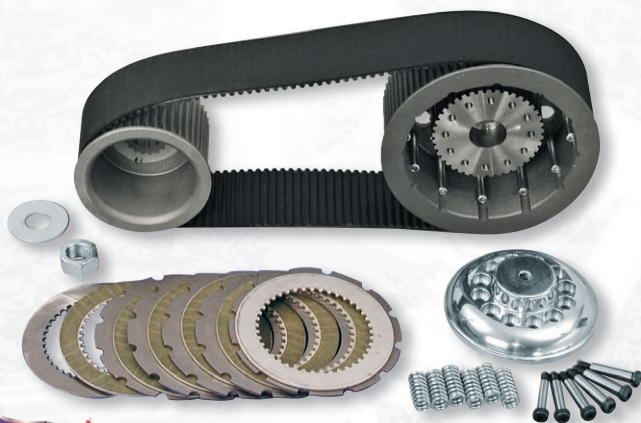
Artikelnr: Omschrijving: Extra info:

740107 Kick start taper shaft 1936/1954**740108** Kick start splined shaft 1955/1964**740109** Kick start splined shaft (includes idler) 1965/1984**740110** Electric start (includes idler) 1965/1984**740111** Electric start 5 Speed (includes idler) 1979/1984**740112** Electric start 4 Speed (includes idler) 1979/1984 (belt final drive)**740129** Replacement belt (99 T.) for kit: 740107, 740108, 740109, 740110 and 740112**740130** Replacement belt (92 T.) for kit: 740111 \$80**IMPORTANT INFORMATION**

Due to the wide application and fitting variations of primary and final belts, Zodiac can not accept any claim for warranty as, no matter how long they have been used and no matter what the defect is, belts are not covered by any manufacturer warranty. To avoid any complications we suggest that belts should be installed by a qualified mechanic.

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

01
02
03
04
05
06
07
08
09
10
11
12
13
14
15
16
17
18
19
20
21
22
23
24
25
26



3" BELT DRIVE KITS WITH CLUTCH

BDL kits do not have the gyroscopic imbalance and belt whipping found in some 3" belt drives. BDL has put the inner hub a full inch further inboard than most other belt drives. With the rear pulley further over the main shaft virtually all instability in the primary drive is eliminated. Kit include 8mm drive with BDL clutch, all mounting components, and BDL's new quiet clutch.

- 740133** Taper shaft, kick start 1936-1954 models
- 740116** Splined shaft, kick start 1955-1984 models
- 740117** Splined shaft, electric start 1965-1978 models
- 740113** Softail tapered clutch hub, electric start 1984-1989
- 740114** Softail Splined clutch hub, electric start 1990-2006
- 740115** Softail Splined clutch hub, kick start 1990-2006
- 740126** Replacement belt (141 T.) for kit 740113/740114/740115/740117/740118/740119/740121/740122
- 740128** Replacement belt (144 T.) for kit 740116/740123/740133



740153



740154



BDL CLASSIC 2" & 2 3/4" BELT DRIVES

The Classic belt drive is another trend setting drive in the Belt Drives Limited (BDL) range. This kit offers enthusiasts a number of significant advantages over other aftermarket and stock systems. First, BDL's reinforced belt was developed specifically to handle the high torque and horsepower numbers being produced by today's big inch V-Twin engines. Additionally, the system incorporates a one-piece billet motor plate, unique side guard and rear pulley cover along with the traditional BDL starter housing. Every EV-575 kit includes the very latest in clutch technology with BDL's own patent pending Ball Bearing Clutch. The state of the art design offers up to 30% more contact surface, reduced lever pull, smoother transition, super quiet operation and flawless clutch engagement. Kits are available in polished, clear anodized or black. Kits for 2006 to present Dyna and 2007 to present Softail also come in a chrome version.

Fits 1990 thru 2006 Softails

Pulleys are 59 tooth front and 69 tooth rear. Front pulley is regular BDL bolt-in insert design. The stock front pulley insert is 1/4" long, for offset applications you have to use a front pulley insert that is 1/4" longer as listed. For example, order a 1 1/4" insert to achieve a 1" (25mm) offset.

- 740153** Polished with 2" belt
- 740154** Black with 2" belt
- 740155** Clear Anodized with 2" belt



740157



740158

Fits 2006 thru 2017 Dyna and 2007 thru 2017 Softails, except Screamin' Eagle, CVO, FXCW(C) Rocker and FXSB Breakout

Pulleys are 59 tooth front and 69 tooth rear. Do not work with BDL's offset front pulley inserts.

- 740156** Polished with 2" belt
- 740157** Black with 2" belt
- 740158** Clear Anodized with 2" belt
- 740192** Chrome with 2" belt

Fits 2007 thru 2017 Screamin' Eagle & CVO Softails, FXCW(C) Rocker & FXSB Breakout

Pulleys are 59 tooth front and 69 tooth rear. Does not work with BDL's offset front pulley inserts.

- 753585** Polished with 2" belt
- 753584** Polished with 2 3/4" belt
- 753583** Black with 2 3/4" belt
- 753582** Chrome with 2 3/4" belt

Replacement parts

- 740159** Drive Belt, 2" wide, 142 tooth
- 753586** Drive Belt, 2 3/4" wide, 142 tooth



IMPORTANT INFORMATION

Due to the wide application and fitting variations of primary and final belts, Zodiac can not accept any claim for warranty as, no matter how long they have been used and no matter what the defect is, belts are not covered by any manufacturer warranty. To avoid any complications we suggest that belts should be installed by a qualified mechanic.



740186



740181



740187



740182

**BDL TOP GUARD 2" BELT DRIVE**

This primary belt drive kit comes with BDL's reinforced 2" belt that was developed specifically to handle the high torque and horsepower being produced by today's big inch V-Twin engines. Additionally, the system incorporates a one-piece billet motor plate, unique side guard and rear pulley cover along with the traditional BDL starter housing. They also feature a black belt guard between the motor plate and the outside cover. Kits include the very latest in clutch technology with BDL's own Patented Ball Bearing Clutch. The state of the art design offers up to 30% more contact surface, reduced lever pull, smoother transition, super quiet operation and flawless clutch engagement. Kits are available in polished, clear anodized or black.

Fits 1990 thru 2006 Softails

Pulleys are 59 tooth front and 69 tooth rear. Front pulley is regular BDL bolt-in insert design. For offset applications you have to order a front pulley insert separately.

740186 Polished

740187 Black

740188 Clear anodized

Fits 2006 thru 2017 Dyna and 2007 thru 2017 Softails, except Screamin' Eagle, CVO, FXCW(C) Rocker and FXSB Breakout

Pulleys are 59 tooth front and 69 tooth rear. Does not work with BDL's offset front pulley inserts.

740189 Polished

740190 Black

740191 Clear anodized

Replacement parts

740159 Drive Belt, 2" wide, 142 tooth

**BDL TOP GUARD 2" BELT DRIVE FOR TOURING MODELS**

This primary belt drive kit comes with BDL's reinforced 2" belt that was developed specifically to handle the high torque and horsepower numbers being produced by today's big inch V-Twin engines. Additionally, the system incorporates a one-piece billet motor plate, unique side guard and rear pulley cover along with the traditional BDL starter housing. They also feature a black belt guard between the motor plate and the outside cover. Kits include the very latest in clutch technology with BDL's own Patented Ball Bearing Clutch. The state of the art design offers up to 30% more contact surface, reduced lever pull, smoother transition, super quiet operation and flawless clutch engagement. Kits do not interfere with stock and most aftermarket floorboards and are available in polished, clear anodized and black. Kits for 2007 to present are also available in chrome.

Fits 1990 thru 2006 Touring and FXR models

Pulleys are 52 tooth front and 69 tooth rear. Front pulley is regular BDL bolt-in insert design. The stock front pulley insert is 1/4" long, for offset applications you have to use a front pulley insert that is 1/4" longer as listed. For example, order a 1 1/4" insert to achieve a 1" (25mm) offset.

740183 Polished

740184 Black

740195 Clear Anodized

Fits 2007 thru 2013 Touring with cable clutch

Pulleys are 52 tooth front and 69 tooth rear. Does not work with BDL's offset front pulley inserts.

740181 Polished

740182 Black

740193 Clear Anodized

740194 Chrome

Replacement parts

753581 Drive belt, 2" wide, 132 tooth

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



COMPLETE 3" ELECTRIC START KITS

These kits include a 3" wide belt drive unit with a polished pressure plate, double row sealed mainshaft bearing, a polished aluminum side plate and pulley covers and a complete BDL "Competitor Clutch" with Kevlar plates. The kits also include a beefy, one piece polished billet motor plate. The motor plate will lock the transmission and the engine together which is needed when you are eliminating the inner primary for the open belt drive mounting. Kits require the use of a 1990 to present style starter.

740123 Kit for 1970-1978 Shovelhead

740121 Kit for 1991-1999 Dyna

740122 Kit for 2000-2005 Dyna

740120 Kit for FXR 1990-1994, FLT 1990-2006

740119 Kit for 1986-1989 Softail

740118 Kit for 1990-2006 Softail

740124 Polished dome covers fit kit 740118, 740119, 740120, 740121, 740122 and 740123

740125 Polished dome covers fit kit 740123

740126 Replacement belt (141 T.) for kit 740113/740114/740115/740117/740118/740119/740121/740122

740127 Replacement belt (132 T.) for kit 740120

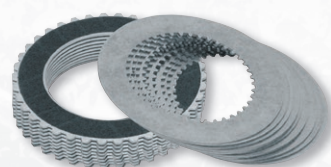
740128 Replacement belt (144 T.) for kit 740116/740123/740133



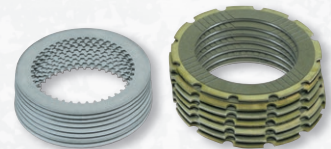
BDL BALL BEARING CLUTCH LOCK-UP KITS

BDL's Ball Bearing Lock Up Clutch changes the fulcrum point for easier pull. They fit into the clutch basket and replaces the pressure plate, diaphragm and retainer. Available as an upgrade for all BDL belt drives with coil spring clutch (except BDL's Top Fuel Drives).

740146 Fits all BDL belt drives with coil spring clutch, except BDL's Top Fuel Drives



722398 Fits BDL Top Fuel and Super Street Belt Drive, kit consists of 9 friction and 11 steel plates



ALTO REPLACEMENT CLUTCH KITS FOR BDL BELT DRIVES

Complete set of clutch discs for use in BDL EVO and EVB drives. Kit consists of 7 friction plates, 7 steel plates and 1 pressure plate.

233571 Fits BDL EVO and EVB Drives



BARNETT REPLACEMENT CLUTCH KITS FOR BDL BELT DRIVES

Barnett knows more about motorcycle clutches and clutch designs than anybody on the market. For over 40 years Barnett clutches have won more races and set more records than any other brand made. Also when you have a BDL Belt Drive installed, Barnett has a clutch for you. Barnett clutches are designed to operate smoothly and trouble free for mile after mile.



DAYTONA

BEARING SUPPORT FOR OPEN BELT DRIVE ON 4-SPEED BIG TWIN

Running an open belt drive on 1970-1984 4-speed Big Twins normally means you lose the main shaft support from the inner primary housing. This bearing support is the solution for models with chain final drive. Bearing not included.

210030 Mainshaft bearing support, fits 1966 thru 1984 4-speed Big Twin, except those with diaphragm clutch

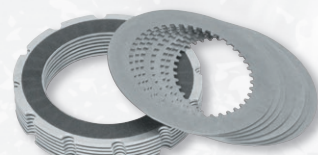
231431 Mainshaft chain housing support bearing. Fits 1970 thru 1984 Big Twin with or without belt drive, Daytona Japan (OEM 9061)

231679 Mainshaft chain housing support bearing. Fits 1970 thru 1984 Big Twin with or without belt drive, BDL (OEM 9061)

743739 Mainshaft chain housing support bearing. Fits 1970 thru 1984 Big Twin with or without belt drive, All Balls USA (OEM 9061)



722396 Fits BDL chain drive clutch and BDL 1990 thru 1997 Big Twin Competitor Clutch, kit consists of 7 friction and 8 steel plates



722397 Fits BDL EVO and EVB Drives, Quiet Clutch, kit consists of 7 friction and 7 steel plates



COMPLETE MOTOR PLATE KITS

When you already have a BDL 3" belt drive unit and want to upgrade your existing belt drive, this is the solution. Complete kit include a polished motor plate, starter housing, polished side guard, double row bearing, starter pinion gear and hardware.

740135 Motor plate kit for Shovelhead

740136 Motor plate kit for FXR

740137 Motor plate kit for 1991 thru 2005 Dyna

740134 Motor plate kit for 1986 thru 2006 Softail



PULLEY OFFSETS

For use with wide frame and tire applications BDL offers a range of offset pulleys. These front pulley offsets have a 1/4" increments and will permit you to match your primary belt drive unit to your particular frame and drive line combination.

740138 1/4" offset insert with special nut

740139 1/2" offset insert with special nut

740140 3/4" offset insert with special nut

740141 1" offset insert with special nut

740142 1 1/4" offset insert with special nut

740143 1 1/2" offset insert with special nut

740144 1 3/4" offset insert with special nut

740145 2" offset insert with special nut



ALTERNATOR COVER FOR OPEN BELT DRIVES

This cover protects the alternator from debris and also helps to cool the motor when you don't use an inner primary cover or motor plates.

210061 Alternator cover, fits 1970 thru 2006 4- and 5-speed Big Twin

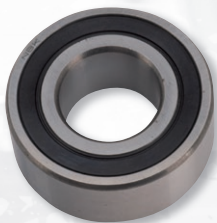


SEALED PRIMARY BEARING FOR DRY CLUTCH CONVERSIONS

This one-piece sealed bearing is the perfect replacement for the open style OEM two-piece bearing and avoids oil coming on your dry clutch. The OEM bearing race must be removed from the transmission main shaft, allowing the primary to be installed over the main shaft. A must for open belt drives and/or dry clutches!

Fits late 1985 thru 1999 Big Twin and 1999 thru 2006 Twin Cam, except 2006 Dyna (OEM 9135 & 34091-85)

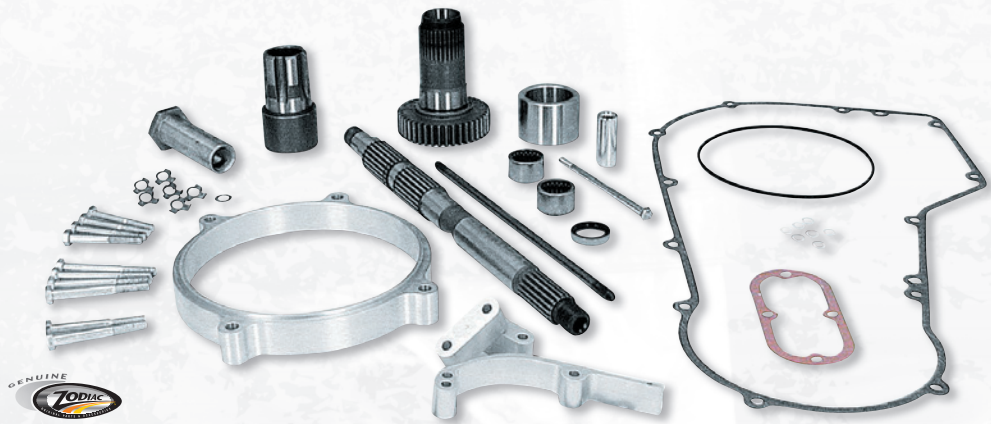
239899 Sealed one-piece primary bearing



REPLACEMENT MAIN SHAFT BEARING FOR BDL AND ZODIAC MOTOR PLATES

Fits Zodiac ZPN210500 and 210501 belt drives as well as BDL open belt drives for 1991 thru 2006 models.

210230 Mainshaft bearing



PRIMARY OFFSET KIT FOR 5 & 6 SPEED MODELS INCLUDING DYNA & SOFTAIL

Contrary to Evolution models it is not possible to move the transmission on Twin-Cam models to the left as these models have the transmission bolted to the crankcase. The Zodiac off-set kit enables you to move your primary 12, 25, 45 or 55mm without moving your stock or aftermarket 5 Speed transmission, or 25, 45 or 55mm when you have a 6 Speed Zodiac transmission or conversion. All these kits come with an extended transmission main shaft and extended transmission main drive 5th gear, leaving the transmission housing in exactly the same place but allowing you to offset the front final drive pulley, thus creating space for a wide rear tire. And when we say wide we mean WIDE. The 12mm off-set kit allows the use of a 200 tire with the stock belt in an Evolution or Twin-Cam frame, the 25mm offset kit allows a 230 wide tire on a 7.50 rim in both the Evolution and Twin-Cam frame if the late type "narrow" final drive belt drive is used. If a chain is used for the final drive the stock frames will accept up to 250 wide tires on a 9.00" rim. The transmission main shaft and drive gear are CNC manufactured from High Stress 20CrMnT gear steel by one of the worlds leading automotive transmission factories. Gear and shaft are tempered and stress released to a core hardness of 35 to 45 Rockwell and have a surface hardness of 58 to 60 Rockwell. Our offset primary kits contain: primary spacer ring, extended crankshaft extension and extended crankshaft nut, extended transmission main shaft, extended main drive 5th gear with

needle bearings and seal, extended belt pulley spacer, extended clutch push rod, extended starter jack shaft (only for 25, 45 and 55mm kits), starter jack spacer, primary-to-transmission spacers and all required hardware. The 45mm offset kits come with a 25mm offset maindrive gear and 3/4" (19mm) offset drive pulley. When you have a 1991 thru 1993 model 5 Speed transmission you must order a countershaft 5th gear, extended starter jack shaft bolt and late style final drive pulley separately. Wide swingarm and fender struts must be ordered separately and can be found in this catalog.

Note: The 45mm extended main shaft is used with a 25mm extended main drive gear, a 25mm extended sprocket spacer and a ZPN193036 offset drive pulley.

5 Speed offset primary kits for 2000 thru 2006 Touring models
700879 12mm primary offset kit

5 Speed offset primary kits for Evolution Softail models 1991 to 1999, Dyna Twin-Cam models 1999 thru 2005 and Softail Twin-Cam models 2000 thru 2006

Note: Can also be used on 1991 thru 2006 Touring models when installed with the correct primary cover gasket

700878 12mm primary offset kit
700889 25mm primary offset kit
700925 45mm primary offset kit
701120 55mm primary offset kit

Optional parts needed for use with 1991 thru 1993 style 5 Speed transmissions (not for RevTech).

237074 Counter shaft 5th Gear (OEM 35626-94)
741165 25mm Extended starter jackshaft screw 1/4"x20UNC
193009 Late style final drive pulley, 32 Tooth (OEM 40250-94)

Offset primary kits for Evolution Big-Twin models 1991 to 1999, Dyna Twin-Cam models 1999 thru 2005 and Softail Twin-Cam models 2000 thru 2006 with Zodiac, Jims or similar 6 Speed transmission

Note: Can also be used on 1991 thru 2006 Touring models when installed with the correct primary cover gasket

700935 25mm offset primary kit
700936 45mm offset primary kit
701130 55mm offset primary kit



IMPORTANT INFORMATION

Due to the wide application and fitting variations of primary and final belts, Zodiac can not accept any claim for warranty as, no matter how long they have been used and no matter what the defect is, belts are not covered by any manufacturer warranty. To avoid any complications we suggest that belts should be installed by a qualified mechanic.

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



SEALED NUT & CLUTCH ADJUSTER KIT

Primo has developed this sealed nut & adjuster kit for use with all open belt drives and other applications that require that no transmission fluid be allowed to leak through the transmission main shaft. Oil leakage may reduce belt life drastically. Recommended for use with any belt drive on 1990-2000 Evolution Big Twin & 1999-2006 Twin Cam using the OEM style main shaft.

700526 Sealed nut & clutch adjuster kit



CLUTCH DOME FOR OPEN BELT DRIVE ON 4-SPEED BIG TWIN

The finishing touch for open belt drives with a stock style clutch with helicoil springs. Does not fit clutches with diaphragm spring.

144494 Clutch dome 3 Stud (OEM 38010-41)

144498 Clutch dome 5 Stud

144499 Clutch dome 10 Stud



PRIMARY DRIVE KITS FOR SOFTAIL

As a Custom bike builder that builds bikes from scratch, you know how long it takes to select the parts needed to complete a primary drive. Not any more, we have done the job for you! All you have to do is to select the primary kit and the primary chain of your choice. With these complete primary kits, exclusively available from Zodiac, you will save a lot of time and money. The primary kits contain all parts, hardware and gaskets you need for complete installation. Included are: complete clutch, compensating sprocket and primary chain tensioner, chrome inner primary, chrome outer primary cover, chrome inspection cover and a chrome derby cover, gaskets, hardware, and thrust washers. Available for 1990-2006 Softail models and all Custom build Softail style bikes with 1990-2006 engine, transmission, and starter motor combination.

Note: This primary kit does not include the primary chain.

Complete primaries with chrome plated inner and outer cover (no primary chain included)

210170 Fits Softail models from 1990 thru 1993

210171 Fits Softail models from 1994 thru 1997

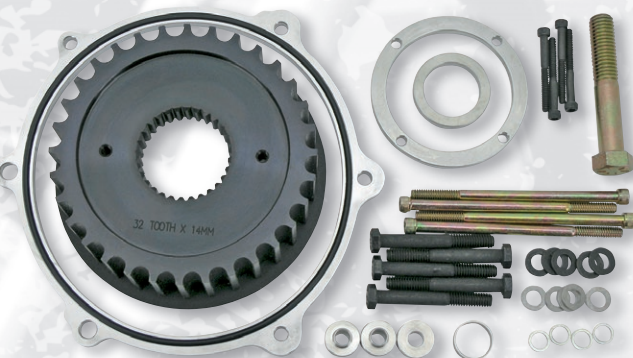
210172 Fits Softail models 1998

210191 Fits Softail models from 1999 thru 2006

Primary chain

235178 Tsubaki 82 link double row (OEM 40007-36A)

233631 Diamond 82 link double row (OEM 40007-36A)



OFFSET KIT FOR 2014-2017 TWIN CAM

These trick primary offset kits allows the installation of up to 240 wide rear tires in wider than stock swing arms without taking the transmission apart when converting to a 20mm final drive belt or chain. Includes spacers to offset the primary 1/4" (6,35mm), extended starter bolts, compensator sprocket spacer, extended motor sprocket bolt, clutch spacer and an offset 32 tooth transmission belt pulley.

Note: Also fits 2006-2013 6-speed Twin Cams models with a Screamin' Eagle compensator that has a thrust needle bearing and 2 thrust washers between the sprocket and sprocket retainer (OEM 36500034A, 40100061, 4220064, 4220064A, 42200095 or 42200095A) Does not fit FXCW & FXCWC Rocker and FXSB Breakout.

701976 1/4" (6.35mm) primary offset kit for 240 tires on all 2014-2016 Touring, Dyna and Softail models except FXSB Breakout

Individual Parts

396051 Primary spacer ring 1/4"

396052 Extended stator mounting bolts, 4 pack

396053 Stator spacer, natural

396054 Compensator spacer, stainless steel

396055 Motor Sprocket bolt (OEM 3368)

396056 Clutch spacer, stainless steel

396057 1/4" Offset belt sprocket 32T

396058 Inner & Outer primary bolt kit

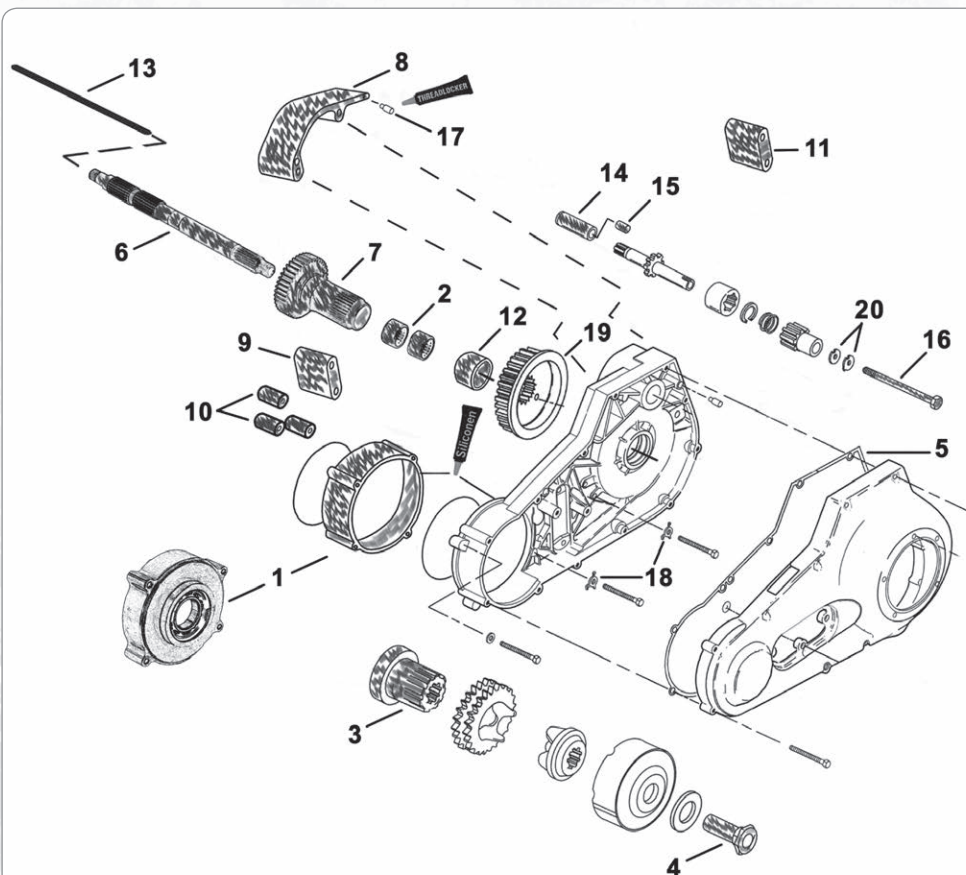
396059 Transmission to primary spacers



POLISHED STAINLESS STEEL PRIMARY TO TRANSMISSION COVER

These chrome-like Stainless Steel covers are designed for use on Softail models that are converted from the stock tire to an extra wide rear tire. They close the gap between engine to primary and primary to transmission. Due to the variety of engine primary and transmission combination it may be needed the cover is modified to fit your application. The Stainless material allows the cover be trimmed to size without the problem of rusting.

970015 Engine to transmission cover



PRIMARY OFFSET PARTS

All parts in our primary offset kits are separately available. This allows Custom Bike Builders to create any offset kit the way they need it.

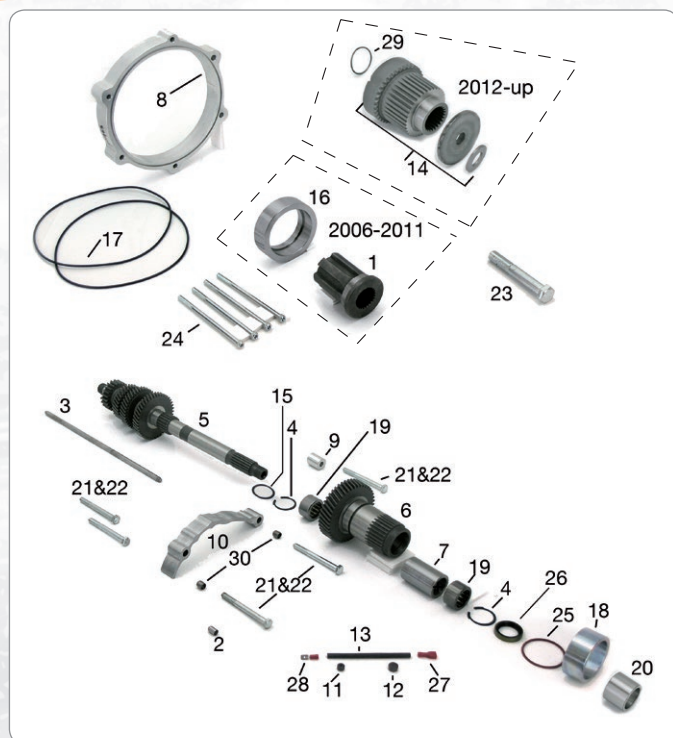
Note: All offset kits are designed for use with narrow belts.

Note: If used in 1990 thru 1993 transmissions the countershaft 5th gear must also be replaced with ZPN237074 or OEM 35626-94.

*Use in conjunction with stock spacer

12mm offset kit			25mm offset kit		45mm offset kit		55mm offset kit		Description
Pos.	ZPN	Qty.	ZPN	Qty.	ZPN	Qty.	ZPN	Qty.	
1	236497	1	032554	1	700919	1	701126	1	Extended inner spacer ring
2	239900	2	239900	2	239900	2	239900	2	Needle bearing main drive gear
3	346211	1	346210	1	346222	1	346240	1	Extended shaft extension
4	346215	1	346214	1	346229	1	346241	1	Extended crankshaft nut
5	700001	1	700001	1	700001	1	700001	1	Gasket set
6	700836	1	700837	1	700915	1	701122	1	Extended Mainshaft
7	700838	1	700839	1	700839	1	701131	1	Extended main drive gear
8	700870	1	396006	1	700916	1	701123	1	Spacer, Top (bend)
9	700871	1	700881	1	700917	1	701124	1	Spacer, long (Softail)
10	700934	3	396019	3	700923	3	-	3	Spacer for use on Dyna models
11	700872	1	-	-	700918	1	701125	1	Spacer, short (Softail)
12*	700873	1	396003	1	396003	1	701139	1	Extended sprocket spacer*
13	700874	1	396001	1	700921	1	701127	1	Extended clutch pushrod
14	-	-	396002	-	920026	1	920027	1	Extended Starter Coupler
14	700876	1	-	-	-	-	-	-	Outer jack shaft spacer
15	700888	1	700887	1	700914	1	701121	1	Inner spacer jack shaft
16	700875	1	396005	1	700922	1	701128	1	Extended starter motor bolt
17	700877	1	700877	1	700877	1	700877	1	Primary spacer dowel pin 5/16"
18	292216	6	292216	6	292216	6	292216	6	Inner primary lock tab
19	-	-	-	-	193036	1	-	-	Offset drive pulley
20	396017	1	396017	1	396017	1	396017	1	Lock plate & ring

01
HELMETS,
LUGGAGE,
AUDIO & MORE02
SEAT03
EXHAUST04
ELECTRIC
& LIGHT05
ENGINE
ELECTRICS06
INTAKE07
ENGINE08
PRIMARY09
TRANSMISSION10
FINAL DRIVE11
WHEELS &
TIRE12
BRAKE13
FOOT
CONTROL14
HANDLEBAR15
FRONT
SUSPENSION16
CHASSIS/
FRAME
& SHOCKS17
FENDER
& STRUTS18
GAS TANK &
INSTRUMENT19
OIL TANK, FILTER
& LINE20
FASTENERS21
MIRROR22
WINDSHIELD23
OIL, CHEMICALS
& TOOLS24
TECHTIPS &
CROSS REF
> ZPN25
CROSS REF
ZPN > PAGE26
ALPHABETICAL
INDEX



PRIMARY OFFSET KITS FOR 6 SPEED 2006-2017 DYNA AND 2007-2017 SOFTAIL

In 2006 the OEM transmission for Dyna's and in 2007 for Softails changed from 5 to a "Sportster like" trapdoor mounted 6 speed. With that the complete internals changed including the mainshaft and the output drive gear. All previous available offset kits no longer fit the present OEM 6 speed Big-Twin transmissions. Therefore Ton Pels designed a totally new offset kit. This offset kit allows the use of wider swing arms for up to 280

rear tires whilst keeping the wheel perfectly in center with the motorcycle. Kits come with all required parts, such as an extended transmission main shaft and extended main drive gear, primary spacer ring, primary spacer blocks, extended clutch push rod, crankshaft extension and all required gaskets, seals and hardware. The 280 kit also includes an offset frame side plate. Transmission main shaft and main drive gear are CNC machined from High Stress 20CrMnT gear steel forging by one of the worlds leading automotive transmission factories. Gear and shaft are tempered and stress released to a core hardness of 35 to 45 Rockwell and has a surface hardness of 58 to 60 Rockwell. Kit must be used with 20mm rear belt.

Note: Kit for 2012-2013 models also fits earlier models that are equipped with a Screamin' Eagle compensator OEM 40274-08 or 40274-08A. These feature only 1 thrust washer between the sprocket and sprocket retainer. Kit for 2014 to present models also fits earlier models that are equipped with a Screamin' Eagle compensator OEM 36500034A, 40100061, 4220064A or 42200095A. These feature a thrust needle bearing and 2 washers between the sprocket and sprocket retainer.

Note: Wide wheel, tire, swing arm and fender struts must be ordered separately.

***Sold to dealers in packs that contain more as the required quantity**

6 Speed primary offset kits for 2006 thru 2013 Dyna, 2007 thru 2013 Softail, except Rocker models

701950 25mm primary offset kit for 2006-2011 Dyna and 2007-2011 Softail for 250 tires

701958 25mm primary offset kit for 2012-2013 Twin Cam for 250 tires. Also fits earlier models that are equipped with a Screamin' Eagle compensator. These feature only 1 thrust washer between the sprocket and sprocket retainer.

701980 25mm primary offset kit for 2014-2017 Twin Cam for 250 tires. Also fits earlier models that are equipped with a Screamin' Eagle compensator. These feature a thrust needle bearing and 2 thrust washers between the sprocket and sprocket retainer

701952 Primary offset kit for 280 tires in 2007 Softail, includes offset Frame side plate

Pos.	ZPN	Description	OEM	Kit 701950 Qty	Kit 701958 Qty	Kit 701980 Qty
-	231977	Primary gasket kit	-	1	1	1
-	231954	Oil seal main drive gear	12074	1	1	1
1	346014	25mm Crankshaft extension	-	1	-	-
2	700877	Primary spacer dowel pin 5/16"	-	1	1	-
3	700921	Extended clutch pushrod	-	1	1	1
-	701953	Transmission top cover gasket	34917-07	1	1	1
-	701955	Trap door cover gasket	36805-06	1	1	1
4	701957	Drive gear bearing ret.ring	10991	2	2	2
5	701960	25mm extended main shaft	-	1	1	1
6	701961	25mm Extended Output gear 6-speed	-	1	1	1
7	701962	25mm Inner output gear spacer	-	1	1	1
8	701963	25mm Primary spacer 2007-up	-	1	1	1
9	701964	25mm Primary to transmission spacer	-	1	1	1
10	701965	25mm Primary to transmission spacer	-	1	1	1
11	701966	Wire grommet front	-	1	1	1
12	701967	Wire hole plug	-	1	1	1
13	701968	Shrink socket tube	-	1	1	1
14	701970	25mm Offset compensator assy	-	-	1	-
15	701971	Spacer washer for guide dog in 2010-up models	-	1	1	1
16	701972	25mm compensator spacer 2006-2008	-	1	-	-
16	701975	25mm compensator spacer 2009-2013	-	-	1	-
16	701979	25mm compensator spacer 2014-2017	-	-	-	1
17	701973	O-ring primary spacer 3mm	-	2	2	1
18	701974	25mm Belt Pulley spacer	-	1	1	1
19	702001	Bearing main drive gear	8042	2	2	2
20	723106	Inner race mainshaft bearing	34091-06	1	1	1
-	742453	FoaMet trapdoor gasket 6-speed	35654-06	1	1	1
21	743902	5/16 washer	-	5*	5*	5*
22	742119	5/16-18x3.250" hex UNC zinc	-	5*	5*	5*
23	-	Grade 6 UNC hex bolt 9/16"x4"	-	1	1	1
24	-	Allen bolt 1/4"x5" UNC Black	-	4	4	4
25	231941	O-ring Main Drive Gear	11201	1*	1*	1*
26	231957	Inner oil seal maindrive gear	12077	1*	1*	1*
27	239245	Plug female isolated	-	1*	1*	1*
28	239246	Male plug	-	1*	1*	1*
29	701977	O-Ring	-	-	1	-
30	740535	Bushing, dowel	-	2*	2*	2*
-	241275	Compensator kit	-	-	-	1



**1.7: 1 RATIO PRIMARY CHAIN KIT**

Want to accelerate faster? Look no further, this kit gives you the edge. This performance kit allows the engine to rev higher RPM's at whatever vehicle speed. Each kit contains a 21 tooth compensating sprocket (stock is 25 tooth) and primary chain. Primary chain is a 74 pitch for the FLH/FLT kit and an 80 pitch for the Softail/Dyna kit. This brand new combination results in a 1.7: 1 primary drive ratio, compared to the stock 1.44: 1 ratio. We have a kit for 1994 thru 2006 Softail and 1994 thru 2005 Dyna models, as well as a kit for 1994 thru 2006 FLH/FLT models. 1999 thru 2006 fuel injected FLH/FLT models require a 36 tooth clutch shell (ZPN148112)

Note: Primary gasket has to be purchased separately.

241361 Sprocket and chain kit for FLH/FLT models 1994 thru 2006 (OEM 40200-02)

241363 Sprocket and chain kit for 1994 thru 2006 Softail and 1994 thru 2005 Dyna models (OEM 40331-02)

Optional parts

148112 Clutch shell 36 tooth fuel injected FLH/FLT 1999 thru 2006

235181 96 Links triple row, fits 2004 to present XL1200 Sportster and 2004-2010 air cooled Buells (OEM 40147-04)

235178 82 Links double row, fits all 4 Speed Big Twin models thru 1984, Softail models 1984 thru 2006, and Dyna Glide models 1991 thru 2005 (OEM 40007-36A & 40008-36)

711761 92 Links double row, fits 2007 to present Softail and 2006 thru 2017 Dyna (OEM 40036-06)

235179 76 Links double row, fits all 5 Speed Big Twin models 1980 thru 1984, FXR models 1982 thru 1994, and FLH and FLT models 1984-2006 (OEM 40037-79)

711760 86 Links double row, fits 2007 to present FLH and FLT series Touring models (OEM 40037-07)

**DIAMOND PRIMARY CHAIN**

Diamond chains are designed, tested and manufactured for motorcycle use, specifically for the power demands of Harley-Davidson motorcycles. Quality components include case hardened pins, wide side plates, and premium bushings. All Diamond chains are competitively priced and are backed by a full warranty. Diamond primary chains are used by Harley-Davidson as Original Equipment.

233630 76 Link double row chain, fits all 5 Speed Big Twin models 1980-1984, FXR models 1982-1994, and FLH and FLT models 1984-2006 (OEM 40037-79)

233631 82 Link double row chain, fits all 4 Speed Big Twin models thru 1984, Softail models 1984 thru 2006, and Dyna Glide models 1991 thru 2005 (OEM 40007-36A)

233632 94 Links triple row, fits Sportster models 1957-2003, 2004 to present XL883 (OEM 40005-57) and 2008-2013 XR1200 & XR1200X (OEM 40057-08)

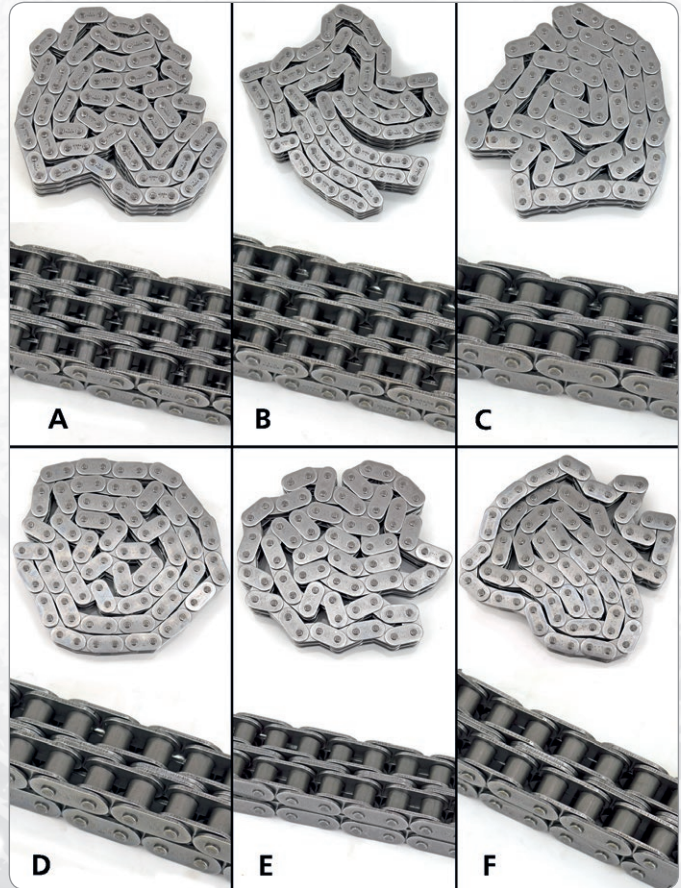
**TSUBAKI PRIMARY CHAIN**

Quality and value are the link to Tsubaki chain. These chains are manufactured to withstand the demands of today's powerful Harley-Davidson engines and guarantee tens of thousands miles of trouble free riding.

711777 96 Links dual row, fits 1929 thru 1954 45CI Solo models (OEM 40005-29 & 40006-29)

711778 100 Links dual row, fits 1938 thru 1973 ServiCar (OEM 40011-38 & 40012-38)

235177 94 Links triple row, fits Sportster models 1957-2003, 2004 to present XL883 (OEM 40005-57) and 2008-2013 XR1200 & XR1200X (OEM 40057-08)

**TWIN POWER PRIMARY CHAIN**

Twin Power primary chain is exclusively distributed in Europe by Zodiac. These chains are manufactured to close tolerances by one of the world's leading chain manufacturers from the best available materials and withstand the demands of today's powerful Harley-Davidson engines. Your guarantee for trouble free riding.

749282 [A.] 94 Links triple row, fits Sportster models 1957 thru 2003 and American Domestic 883 Sportster 2004 to present (OEM 40005-57)

749283 [B.] 96 Links triple row with clip link, fits 2004 to present XL Sportster and 2004 to present air cooled Buells, except American Domestic 883 XL Sportster models (OEM 40147-04)

749281 [C.] 82 Links double row, fits all 4 Speed Big Twin models thru 1984, Softail models 1984 thru 2006, and Dyna Glide models 1991 thru 2005 (OEM 40007-36A)



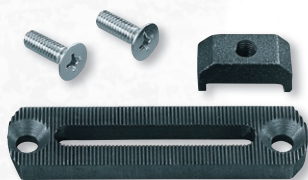
749285 [D.] 92 Links double row, fits 2007 to present Softail and 2006 thru 2017 Dyna (OEM 40036-06)

749280 [E.] 76 Links double row, fits all 5 Speed Big Twin models 1980 thru 1984, FXR models 1982 thru 1994, and FLH and FLT models 1984-2006 (OEM 40037-79)

749284 [F.] 86 Links double row, fits 2007 to present FLH and FLT series Touring models (OEM 40037-07)

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

01
02
03
04
05
06
07
08
09
10
11
12
13
14
15
16
17
18
19
20
21
22
23
24
25
26



DAYTONA

PRIMARY CHAIN TENSIONER PLATE AND NUT KIT

Fits all 4 Speed and 5 Speed Big Twins with primary chain from 1965 thru 1989 (39992-65A & 1783). Takes either OEM or Zodiac adjuster shoe (ZPN210020).

233582 Primary chain tensioner plate and nut kit



PRIMARY CHAIN ADJUSTER PADS

Top quality primary chain adjuster pads, available for all Sportster models 1957 to present and all Big Twins 1965 thru 2006, except 2006 Dyna

210019 Fits 1957 thru 1977 Sportster (OEM 39978-58)

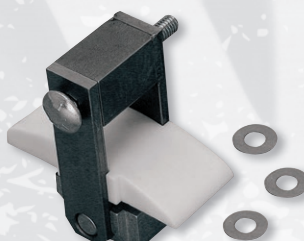
210048 Fits 1977 thru 1990 Sportster (OEM 39966-80)

210029 Fits 1991 thru 2003 Sportster and Buells thru 2001, comes with adjuster screw (OEM 39970-91, 39975-90A & 3242A)

210032 Fits 2002 thru 2008 air cooled Buell and 2004 to present Sportster including XR 1200, comes with adjuster screw (OEM 40039-02C)

210020 Fits all Big Twins 1965-2000 (OEM 39976-65B)

210600 Fits all Twin Cam 2001-2006, except 2006 Dyna (OEM 39976-01)

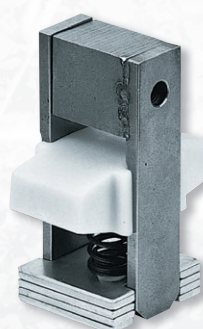


HYDRAULIC PRIMARY CHAIN TENSIONER KIT

This uniquely designed hydraulic primary chain tensioner kit completely outdates the mechanical stock type chain tensioner. This kit improves shifting performance, reduces noise, extends primary chain life, and reduces vibrations caused by the primary chain drastically. This hydraulic plunger does not require a feed line, as your primary oil "fills" the system automatically. The tensioner is designed to automatically and continuously self adjust the primary chain tension, even during acceleration and deceleration. Kit fits all Big Twin models from 1965-2006, except 2006 Dyna, and comes complete with easy to follow fitting instructions. Installing this kit is very easy and does not require any special tools or modifications.

210213 Hydraulic primary chain tensioner kit

210333 Replacement adjuster shoe



M6 PRIMARY CHAIN TENSIONER KIT

The M6 primary chain tensioner is designed to automatically and continuously adjust the primary chain to the proper tension during acceleration and deceleration. A big benefit of improved shifting. It also provides a smoother ride by reducing vibration. Installing this kit will improve shifting performance and extend the life of your primary chain. The M6 can be easily installed without the need of special tools.

Complete M6 chain tensioners

237291 Fits 1977-1990 4 Speed Sportster

237320 Fits 2004 to present Sportster

744526 Fits 2017 to present Milwaukee

Eight Touring & Trikes and all

2018 to present Milwaukee

Eight Softail

Replacement shoes

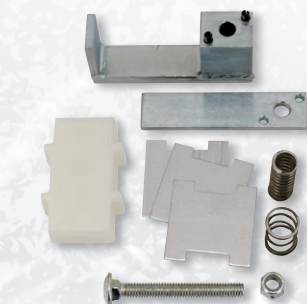
744520 Fits ZPN237290 on 1965-1984 Shovelhead, 1984-1999 Evo Big Twin, and 1999-2000 Twin Cam

744521 Fits ZPN236290 on 2001-2006 Twin Cam (except 2006 Dyna)

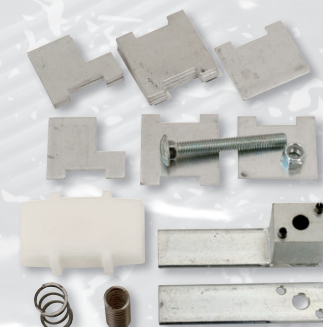
744522 Fits ZPN237319 on 2006 Dyna and all 2007 thru 2017 Twin Cam



782189 Fits 2004 to present Sportster



782184 Fits 1965-1984 Shovelhead, 1994-1999 Evolution Big Twin & 1999-2000 Twin Cam



782185 Fits 2001-2006 Twin Cam except 2006 Dyna



782186 Fits 2006 Dyna and 2007-2017 Twin Cam



782187 Fits 2017 to present Milwaukee Eight



YORK AUTOMATIC PRIMARY CHAIN ADJUSTERS

York primary chain adjuster kits feature automatic self-adjusting by use of a spring loaded shoe.



782188 Fits 1991-2003 Sportster



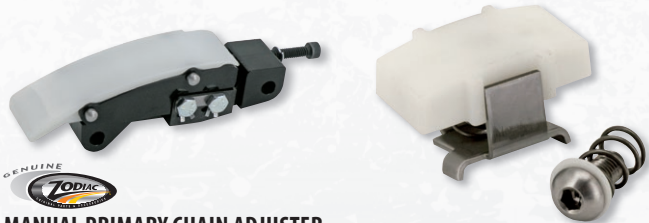
PRIMARY CHAIN TENSIONER

This primary chain tensioner kit as an upgrade for 1965 thru 2000 Big Twin models or when building a bike from the ground up. Also a perfect replacement for 2001 thru 2006 Softail and Touring models, as well as 2000 thru 2005 Dyna's. Complete kit includes adjuster, adjuster plate, adjuster shoe, bolts and nuts.

210076 Primary chain tensioner

210600 Replacement adjuster shoe



**MANUAL PRIMARY CHAIN ADJUSTER**

This manual primary chain adjuster kit is ideal for Big Inch and High Performance engines and is also a benefit when speed shifting at high RPMs. It is a direct replacement for the original equipment automatic tensioner on 2006-2017 Dyna, 2007-2017 Softail, 2007-2016 Touring and 2009-2016 Trike. The manual adjustment allows to lock the chain at a desired play to prevent for a change in tension during severe shifting. Kit comes complete with mounting hardware, primary gasket is not included.

Note: This High Performance part is designed to lock the chain tension to prevent uncontrolled movement of chain and parts during severe shifting. It is most likely that more primary chain noise will be experienced.

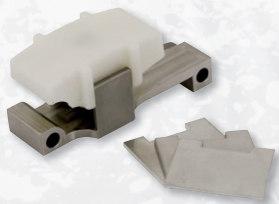
210035 Manual primary chain adjuster (OEM 36500020)

**AUTOMATIC PRIMARY CHAIN TENSIONERS**

These spring loaded tensioners keep the primary chain properly adjusted.

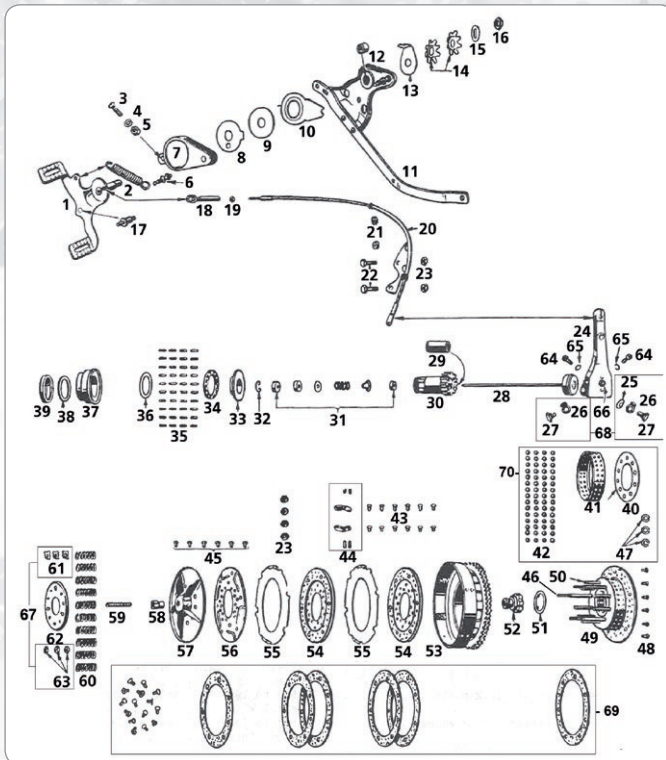
210042 Fits all 2004 to present XL Sportster models, Genuine Zodiac

782182 Fits all 1985-1999 Evolution Big Twin and all 1999 thru 2006 Twin Cam, except 2006 Dyna, V-Twin Mfg.



210041 Fits all 2017 to present Milwaukee Eight Touring & Trike and all 2018 to present Milwaukee Eight Softail, Genuine Zodiac

782183 Fits 2006 Dyna and all 2007-2017 Twin Cam, V-Twin Mfg.

**CLUTCH PARTS FOR 45CI MODELS**

Please check with your Zodiac sales office for parts without a Zodiac part number as these may be available upon Special Order

Pos.	ZPN	Description	OEM
1	239450	Lever, 1938-1952 Solo & 1938-1946 ServiCar	36812-38
2	239451	Spring, black	36880-36
2	239452	Spring, chrome	36880-36
3	-	Screw	2762

Pos.	ZPN	Description	OEM
4	-	Washer	7035
5	-	Nut	7691
6	-	Stud	36871-40
7	760049	Cover	36832-38
8	760050	Disc	36901-36
9	760051	Disc	36897-36
10	760052	Disc	36895-36
11	-	Sidebar	50543-38
12	-	Bushing	36857-36
13	760053	Washer	36908-36
14	760054	Lever friction spring washer, set of 2	36906-36
15	780091	Washer	36909-36
16	760048	Nut, 5/8"-24x7/32"x7/8" hex, NEF	7984
17	-	Stud	36888-38
18	-	Clutch lever rod end	36916-36
19	-	Nut, 1941-up	7634
20	780005	Clutch release cable, complete with #18 & #19, black	36975-41
21	-	Washer, 1941-up	36983-41
22	-	Bolt, 1941-up	4000
23	-	Nut	7752
24	239454	Lever, 1941-1943 WL, 1941-1973 ServiCar	37052-41
24	239455	Lever, 1944-1952 WL, late 1942-up WLA	37052-44
25	-	Washer, 1941-1942 WL, 1941-1973 G	37084-41
26	-	Plate, 1942-up WLA, 1944-1952 WL	37081-44
27	780280	Screw, 1941-1943 WL, 1941-1973 ServiCar, set of 2	37076-41
27	780281	Screw, late 1942-up WLA, 1944-1952 WL, set of 2	37077-44
28	235137	Rod, 1941-up	37287-41
29	-	Bushing, 1941-up	37458-41
30	-	Gear, 1941-up	37450-41
31	-	Fittings, set, 1941-up	37335-41
32	-	Ring, 1941-up	37354-41
33	-	Race, 1941-up	37477-41
34	-	Bearing, 1941-up	37467-41
35	234638	Rollers, standard size, pack of 88	9084
	234639	Rollers, +.0004", pack of 88	9085
	234640	Rollers, +.0008", pack of 88	9086
	234641	Rollers, +.001", pack of 88	-
36	-	Washer, 1941-up	37482-41
37	-	Race, 1941-up	37474-41
38	-	Washer, 1941-up	37480-41
39	700326	Oil seal, 1941-up, pack of 5	37465-41
40	780077	Plate, 1941-up	37577-41
41	780078	Retainer, 1941-up	37568-41
42	780079	Ball, set of 60, 1941-up	8856
43	-	Rivet	8232
44	-	Buffer set, 1941-up	38025-41
45	-	Rivet, 1941-up	8226
46	-	Stud, 1941-up	37584-41
47	144179	Stud spring, dealer 10-pack	37312-38, 37574-44
48	-	Rivet, 1941-up	8227
49	755000	Hub assembly, 1941-up	37551-41
50	239453	Pin, 1941-up	37586-41
51	780096	Lock washer, 1941-up, dealer 10-pack	37462-41
52	239463	Clutch gear nut with washer #51, 1941-up, Colony	37460-41
53	-	Sprocket, 1941-up	37695-41
54	745862	Disc, lined, set of 3, 1941-up	37931-41
55	745864	Disc, steel, with buffers #44, 1941-up	37977-41
56	-	Disc, 1941-up	37952-41
57	745861	High Performance diaphragm clutch upgrade kit, replaces #57, #62 and #60, 1941-up, Samwel	37873-41
57	745898	Clutch release disc, 1941-up	37873-41
58	239465	Nut, 1941-1973, parkerized, Colony	37361-41
58	751022	Nut, 1941-1973, galvanized, Zodiac	37361-41
58	233439	Nut, 1941-1973, galvanized, Zodiac, 10-pack	37361-41
59	239464	Screw with nut #58, 1941-up, Colony	37358-41
60	232511	Spring, set of 10, 1941-up	38077-41
61	237474	Lockwasher, set of 3, 1941-up	38110-41
62	745897	Pressure plate	38011-41
63	-	Nut	7760
64	-	Screw, 1941-1943 WL, 1943-1973 Servicar	37076-41
64	-	Screw, late 1942-up WLA, 1944-1952 WL	37077-44
64	-	Screw, late 1942-up WLA, 1944-1952 WL	2663
65	-	Washer, 1941-up	7118
66	-	Fitting, 1941-up	9851
67	239456	Set with 3x #61 and 3x #63, Colony Clutch arm rebuilding kit 1941-1943 Solo, 1941-1973 ServiCar	-

01
HELMETS,
LUGGAGE,
AUDIO & MORE

02
SEAT

03
EXHAUST

04
ELECTRIC
& LIGHT

05
ENGINE
ELECTRICS

06
INTAKE

07
ENGINE

08
PRIMARY

09
TRANSMISSION

10
FINAL DRIVE

11
WHEELS &
TIRE

12
BRAKE

13
FOOT
CONTROL

14
HANDLEBAR

15
FRONT
SUSPENSION

16
CHASSIS/
FRAME
& SHOCKS

17
FENDER
& STRUTS

18
GAS TANK &
INSTRUMENT

19
OIL TANK, FILTER
& LINE

20
FASTENERS

21
MIRROR

22
WINDSHIELD

23
OIL, CHEMICALS
& TOOLS

24
TECHTIPS &
CROSS REF
> ZPN

25
CROSS REF
ZPN > PAGE

26
ALPHABETICAL
INDEX

CONTINUED ON NEXT PAGE »

Pos.	ZPN	Description	OEM
68	239457	#25, #26, #27, chrome, Colony	
68	239458	#25, #26, #27, cad plated, Colony	
68	239459	#25, #26, #27, parkerized, Colony	
68	239460	Clutch arm rebuilding kit 1944-1952 Solo	
68	239461	Chrome, Colony	
68	239462	Cad plated, Colony	
69	745863	Parkerized, Colony	
70	745841	Clutch linings w/rivets, 1941-up	37854-41
70	745841	Big Fix clutch bearing upgrade kit	



NEW



BIG FIX CLUTCH BEARING KIT

The Big Fix clutch bearing kit will solve all your clutch dragging problems on 3- and 4-speed models without upgrading to a real high performance clutch.

745841 Fits all 45 CI Solo, Servicar and Sidecar models. Not recommended for use with a belt drive primary on 45CI models

"SERIES-K96" KEVLAR CLUTCH KITS
Barnett is leading the wave of the future with the development of these smooth working, long lasting "Series-K96 Kevlar" clutches. Test results show that Barnett's asbestos free "Series-K96" clutches lasted 12 times longer than asbestos clutches and 3 times longer than semi-metallic.

Fits 2015 to present XG500, XG750 & XG750A. Replaces all friction discs (OEM 37000087, 37000088 & 37000089) and steel discs (OEM 37000093)

789860 Kit with 8 Kevlar friction plates, 7 steel plates and 4 Heavy-Duty springs

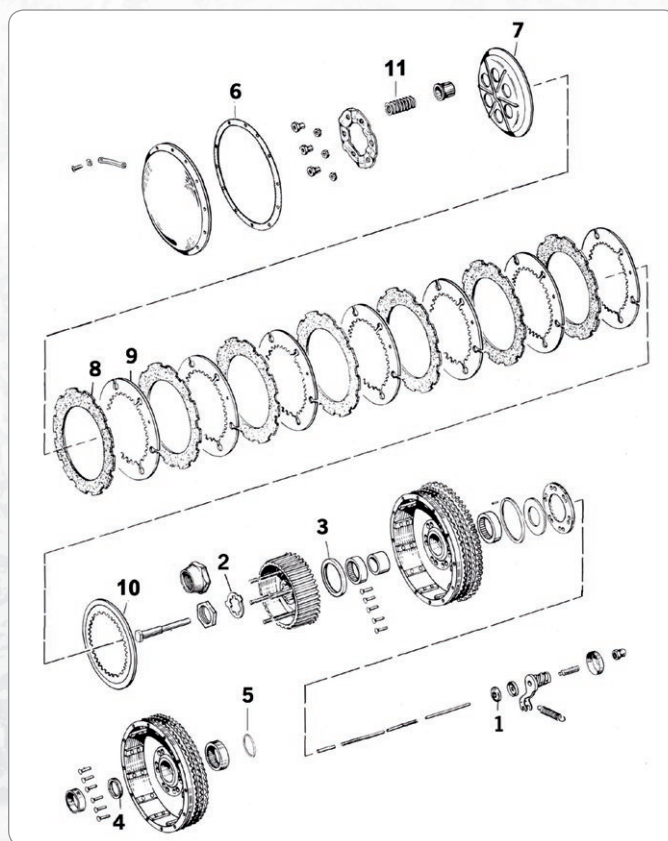


BARNETT CLUTCH SPRINGS

Put the pressure on your clutch pack with Barnett clutch springs.

Fits 1941-1973 45CI Solo (W-models) and Servi Car (G-models)

232511 Set of 10 replacement clutch springs, 50 lbs at 1 1/8" (OEM 38075-41, 38077-41)



CLUTCH PARTS FOR 1952-1956 K MODELS & 1957-1970 IRONHEAD SPORTSTER

A selection of most popular clutch parts for 1952-1956 K, KH, KK and KHK and 1957-1970 Ironhead Sportster. Unless differently indicated all parts are sold each. When you need more than one of an item this is indicated between parenthesis, for example (2).

- 022374** [1] Oil seal, 1953-1970 (OEM 37339-53)
- 292029** [2] Lock washer, 1952-1970, 10-pack (OEM 37533-52A)
- 022350** [3] Oil seal, 1957-1970 (OEM 37740-57)
- 700328** [3] Oil seal, 1957-1970, Athena, 5-pack (OEM 37740-57)
- 700327** [4] Oil seal 1956-1970, Athena, 5-pack (OEM 37531-56)
- 234539** [5] O-ring, late 1957-1970, Genuine James, 25-pack (OEM 11103)
- 700335** [6] Clutch cover gasket, 1952-1970, Athena, 10-pack (OEM 37762-52)
- 144475** [7] Releasing disc, 1952-1970 (OEM 37876-52)
- 238653** [8] Clutch friction plate (7), 1952-1970, Alto "Red" (OEM 37985-52A)
- 232556** [8] Clutch friction plate (7), 1952-1970, Barnett sintered .140" (OEM 37985-52A)
- 238625** [8] Clutch friction plate, set of 7, 1952-1970, Alto "Red" (OEM 37985-52A)
- 710197** [8] Clutch friction plate, set of 7, 1952-1970, Alto Aramid (OEM 37985-52A)
- 751240** [8] Clutch friction plate, set of 7, 1952-1970, Barnett Kevlar (OEM 37985-52A)
- 238654** [9] Steel drive plate (7), 1952-1970, Alto (OEM 37992-52)
- 238640** [9] Steel plate, set of 7, 1952-1970, Alto (OEM 37992-52)
- 232553** [9] Steel drive plate (7), 1952-1970, Barnett (0.047") (OEM 37992-52)
- 232554** [10] Backing plate, 1952-1970 (OEM 38016-52, 38016-57)
- 236475** [11] Clutch spring, 1952-1970, set of 6, Barnett (OEM 38076-52)
- 232555** [11] Heavy-Duty clutch spring, 1952-1970, set of 6, Barnett (OEM 38076-52)



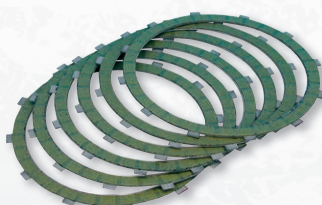
ALTO CLUTCH KITS FOR 1952-1956 K MODELS & 1957-1970 SPORTSTER

Kit contains 7 bonded plates with the Alto "Red" or Aramid lining. Plates are also available separately (OEM 37985-52A).

238625 Clutch friction plate, set of 7, 1952-1970, Alto "Red" (OEM 37985-52A)

710197 Clutch friction plate, set of 7, 1952-1970, Alto Aramid (OEM 37985-52A)

238653 Clutch friction plate, Alto "Red" (OEM 37985-52A)



"SERIES-K96" KEVLAR CLUTCH KITS

Barnett is leading the wave of the future with the development of these smooth working, long lasting "Series-K96 Kevlar" clutches. Test results show that Barnett's asbestos free "Series-K96" clutches lasted 12 times longer than asbestos clutches and 3 times longer than semi-metallic.

Fits 1952-1956 K models & 1957-1970 Sportster. Can be used with OEM or aftermarket steel drive plates.

751240 Clutch friction plate kit of 7, Barnett Kevlar (OEM 37985-52A)



ALTO STEEL DRIVE PLATES

Plates are .047" (1.2mm) thick. Fits 1952-1956 K models and 1957-1970 Sportster.

238640 Steel drive plates, set of 7 (OEM 37992-52)

238654 Steel drive plate, each (OEM 37992-52)



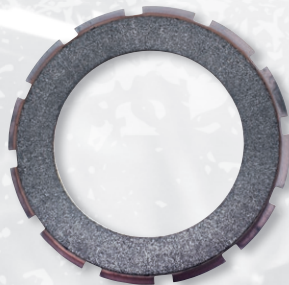
BARNETT CLUTCH SPRINGS

Put the pressure on your clutch pack with Barnett clutch springs.

Fits 1952-1956 K models and 1957-1970 Ironhead Sportster

236475 Clutch spring kit of 6, Barnett (OEM 38076-52)

232555 Heavy-Duty clutch spring kit of 6, Barnett (OEM 38076-52)



BARNETT SINTERED FRICTION PLATES

A relatively low cost answer for the serious racer with a hot stroker or monster motor to a Full Drag Racing clutch. These .140" thick, race-proven friction plates are made of sintered iron fused to high tensile strength steel cores to make them resistant to wear and extreme high temperatures. Normally used as a slipper-clutch.

Fits K & Sportster models 1952-1970 and many slipper and drage-race clutches

232556 Clutch friction plate, Barnett sintered .140", each (OEM 37985-52A)

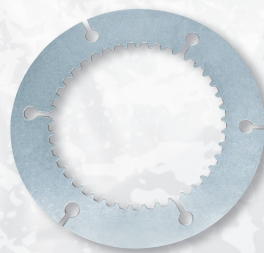


"SERIES-K96" KEVLAR EXTRAPLATE CLUTCH KITS

All the advantages from the new "Series-K96 Kevlar" material and more. Barnett has developed these kits for performance motors and those who need extra clutch control. The "trick" is to increase the friction surface by adding an extra friction and drive plate. And when there is space enough, Barnett has even increased the friction surface per plate as well. "Extra-Plate" clutch kits install like a stock clutch and include all required parts.

Fits 1952-1956 K models & 1957-1970 Sportster

232550 Complete High-Performance clutch kit with 8 Kevlar friction plates, 1 steel drive plate and a set of Heavy-Duty clutch springs. Adds 14% more clutch surface area.



BARNETT STEEL DRIVE PLATES

Steel drive plates for use with OEM, Alto, Barnett & Zodiac friction discs, including sintered steel discs. Thicker plates help reduce warpage problems and also build up stack height as friction plates wear.

232553 Steel drive plate, stock replacement .047" thick, each (OEM 37992-52)

232557 Extra thick (.059") drive plate, each

232558 Extra thick (.075") drive plate, each

232559 Extra thick (.119") drive plate, each



CLUTCH BACKING PLATE

Heavy-Duty backing plate, made of heavy gauge steel. Fits 1952-1956 K models and 1957-1970 Sportster.

232554 Backing plate (OEM 38016-52, 38016-57)

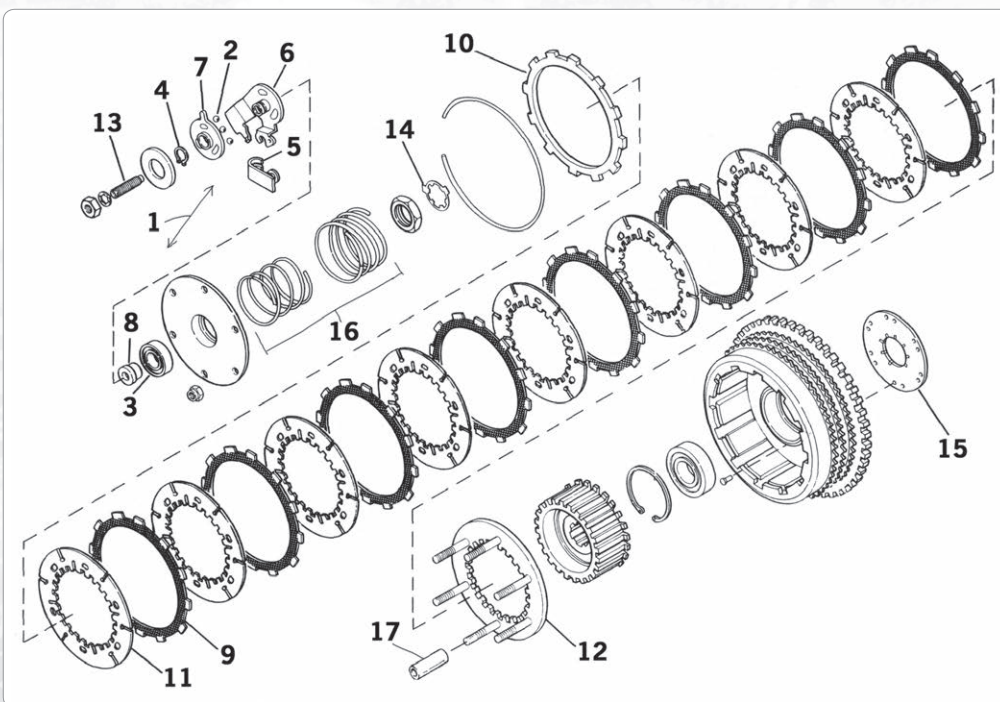


CLUTCH RELEASE DISC

High quality clutch release disc for 1952-1956 K models and 1957-1970 Sportster.

144475 Releasing disc (OEM 37876-52)

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



CLUTCH PARTS FOR 1971 THRU EARLY 1984 IRONHEAD SPORTSTER

Pos.	ZPN	Description	OEM
1.	721336	Clutch release kit, contains pos. 2 thru 8	
2.	057267	Ramp roller, 3 needed, dealer 10-pack	8860
3.	721343	Bearing	9073
4.	721340	Retaining ring adjusting screw	11005
5.	721341	Clutch cable coupling	34920-71
6.	721337	Inner ramp	37202-71A
7.	721338	Outer ramp	37203-71A
8.	721342	Trust collar	37879-71
9.	030250	Clutch plate, 8 needed, sold each	37985-71
9.	238626	Clutch plate, kit of 8, Alto	37985-71
9.	232561	Clutch plate, kit of 8, Kevlar, Barnett	37985-71
10.	238657	Outer drive plate, Alto	37987-71
10.	232534	Outer drive plate, Barnett	37987-71
11.	030212	Steel plate	37992-71A
11.	238658	Steel plate, Alto	37992-71A
11.	238641	Steel plate, kit of 8, Alto	37992-71A
11.	232541	Steel plate, Barnett	37992-71A
12.	144472	Clutch backing plate	38005-74
13.	231052	Clutch adjusting screw	38130-71
14.	292029	Tab washer, dealer 10-pack	37533-52A
15.	292050	Starter ratchet	33379-71A
16.	292081	Heavy Duty clutch spring, replaces OEM inner and outer springs	
17.	232542	Stud spacer 6-pack, Barnett	5995



CLUTCH FRICTION PLATE FOR 1971-1984 SPORTSTER

Fits all Sportster models 1971 thru early 1984. 8 needed per bike, sold each.

030250 Clutch friction plate
(OEM 37985-71)



ALTO CLUTCH KITS FOR 1971-EARLY 1984 SPORTSTER MODELS

Kit of 8 Aramid or Alto "Red" bonded friction plates. Plates are also separately available (OEM 37985-71). We also offer the outer drive plate with "red" lining bonded on one side (OEM 37987-71).

238626 "Red" lining plate kit (set 8)

238627 Aramid lining plate kit (set 8)

238655 "Red" lining plate (each)

238656 Aramid lining plate (each)

238657 Outer drive plate, "Red" lining (each)

**BARNETT OUTER DRIVE PLATE**

Fits 1971-1984 Sportster models. Alloy frictionplate, bonded on one side only (OEM 37987-71).

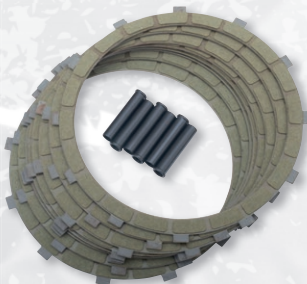
232534 Outer drive plate, Barnett

**BARNETT CARBON FIBER CLUTCH KITS**

Barnett has always been number 1 of technology designing innovative clutches to meet the specific demands of street and racing motorcycles. The latest innovations are these Carbon Fiber clutches that provide high static and dynamic friction coefficient for smooth, positive engagement and release. They are designed for use in conjunction with OEM or Barnett steel drive plates.

Fits 1971 thru early 1984 Sportsters

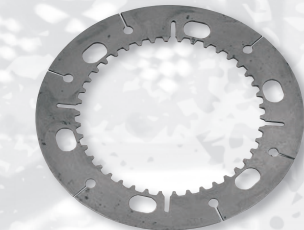
721925 High-end clutch set-up with 8 Carbon Fiber lined friction plates and spacers (OEM 37985-71)

**"SERIES-K96" KEVLAR CLUTCH KITS**

Barnett is leading the wave of the future with the development of these smooth working, long lasting "Series-K96 Kevlar" clutches. Test results show that Barnett's asbestos free "Series-K96" clutches lasted 12 times longer than asbestos clutches and 3 times longer than semi-metallic.

Fits 1971-early 1984 Ironhead Sportster. Can be used in with OEM or aftermarket steel drive plates.

232561 The best clutch set-up available for these models, kit with 8 bonded friction plates and spacers (OEM 37985-71)

**STEEL CLUTCH PLATE**

Fits all Sportster models 1971 thru early 1984, 8 needed per bike, sold each (OEM 37992-71A).

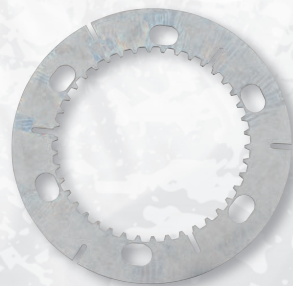
030212 Steel plate, each (OEM 37992-71A)

**ALTO STEEL DRIVE PLATES FOR 1971 THRU 1983 SPORTSTER MODELS**

Kit contains 8 steel plates, which are also available separately. Thickness of plates is .047" (1.2mm).

238641 Steel plate kit (set 8)

238658 Steel plate (each)

**BARNETT STEEL DRIVE PLATES**

Barnett steel drive plates are made of tough, high tensile steel to reduce warpage problems. Can be used in conjunction with OEM, Barnett or Zodiac friction plates.

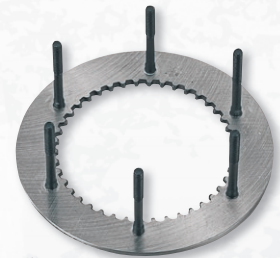
Fits 1971-early 1984 Sportster

232541 These ones also use the inner and outer slots to keep the plate flat and true under the most severe abuse, sold each (OEM 37792-71)

**CLUTCH SPACERS FOR 1971 THRU 1984 SPORTSTER MODELS**

Used to assist in adjusting the pressure plate (release disc).

232542 Stock length 1.525", set of 6 (OEM 5995)

**CLUTCH BACKING PLATE**

Steel backing plate with studs fits all Sportster models 1971 thru early 1984 (OEM 38005-74).

144472 Clutch backing plate

**CLUTCH ADJUSTING SCREW**

Replacement adjusting screw for clutches on all 1971 thru 1984 Sportster models. Sold each (OEM 38130-71).

231052 Clutch adjusting screw

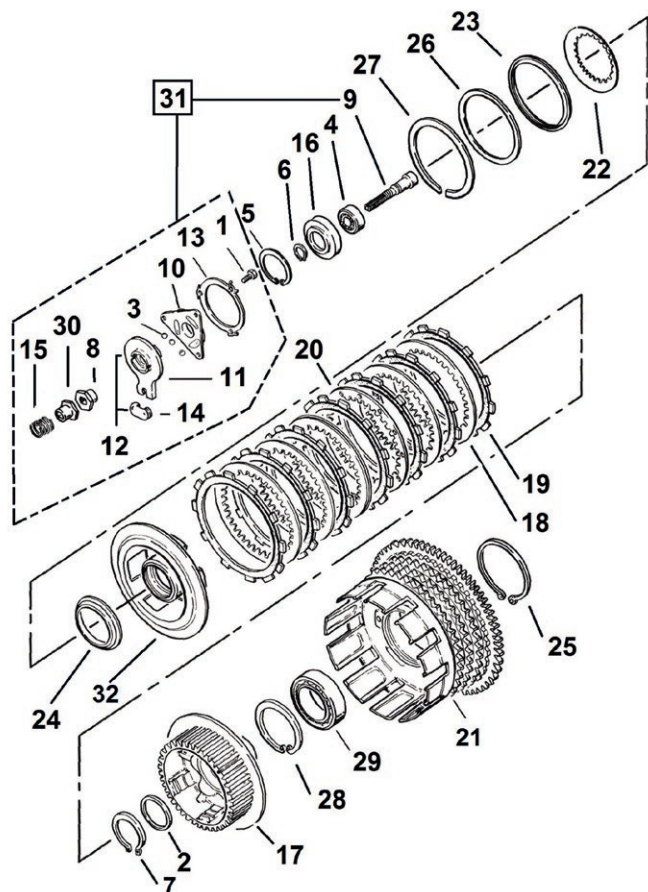
**IRONHEAD SPORTSTER CLUTCH RELEASE KIT**

Kit includes inner and outer ramps, cable coupling, ramp rollers, the retaining ring, collar and bearing.

Fits 1971-early 1984 Sportster

721336 Complete clutch release kit (OEM 37202-71A + 37203-71A + 34920-71 + 37879-71 + 8860 + 9073)

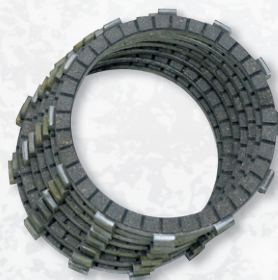
01	HELMETS, LUGGAGE, AUDIO & MORE
02	SEAT
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04	ELECTRIC & LIGHT
05	ENGINE ELECTRICS
06	INTAKE
07	ENGINE
08	PRIMARY
09	TRANSMISSION
10	FINAL DRIVE
11	WHEELS & TIRE
12	BRAKE
13	FOOT CONTROL
14	HANDLEBAR
15	FRONT SUSPENSION
16	CHASSIS/FRAME & SHOCKS
17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



CLUTCH PARTS FOR LATE 1984-1990 SPORTSTER

Pos.	ZPN	Description	OEM
1.	721349	Bolt, 3 needed, pack of 10	3583
2.	-	Clutch hub spacer	5707
3.	238183	Clutch ramp roller	8873
4.	711847	Pressure plate bearing	8885
5.	721347	Retaining ring	11045
6.	239993	Retaining ring, dealer 10-pack	11046
7.	-	Retaining ring	11164
8.	239994	Well nut, dealer 5-pack	11730
9.	239996	Adjustment screw, 1984-1993	11735B
10.	-	Inner ramp	25408-84
11.	721346	Outer ramp	25409-86
12.	-	Ramp and coupling kit	25409-84A
13.	721348	Lock plate	25448-84
14.	-	Clutch cable coupling	34920-86
15.	239999	Spring, dealer 10-pack	36715-84
16.	-	Bearing guide	36730-84
17.	750103	Inner clutch hub, V-Twin Mfg.	36785-84
18.	149417	Steel drive plate	36787-84
18.	238652	Steel drive plate, Alto	36787-84
18.	238642	Steel drive plates, kit of 5, Alto	36787-84
18.	232531	Steel drive plate, Barnett	36787-84
19.	144451	Clutch friction discs, kit of 7, Genuine Zodiac	36788-84
19.	238651	Clutch friction disc, Alto 'Red'	36788-84
19.	238628	Clutch friction discs, kit of 7, Alto 'Red'	36788-84
19.	710194	Clutch friction disc, Alto Aramid	36788-84
19.	238629	Clutch friction discs, kit of 7, Alto Aramid	36788-84
19.	232562	Clutch friction discs, kit of 7, Barnett Kevlar	36788-84
19.	721926	Clutch friction discs, kit of 7, Barnett Carbon	36788-84
19.	236476	High Performance clutch kit, friction discs with 8 steel drive plates, Barnett Kevlar	36789-84
20.	-	Spring plate, center	36791-84
21.	781114	Clutch shell with alternator rotor, V-Twin Mfg.	36791-84
21.	231468	Clutch shell with alternator rotor	36791-84
21.	782223	Clutch shell with stator, rotor and regulator, Cycle Electric	36791-84
22.	-	Pressure spring	36792-84
22.	232535	Pressure spring, 20% stronger than stock, Barnett	36793-84
23.	-	Center seat spring	36794-85
24.	-	Inner seat spring	

Pos.	ZPN	Description	OEM
25.	-	Retaining ring	36795-84
26.	-	Outer seat spring	36796-84
27.	-	Retaining ring	36797-84
28.	-	Retaining ring	36798-84
29.	231944	Ball bearing, clutch shell	36799-84
30.	-	Lockplate	36802-84A
31.	781091	Clutch release kit, late 1984-1993, V-Twin Mfg.	
32.	-	Clutch pressure plate	36786-84



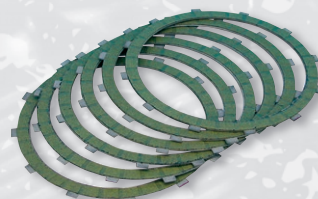
of street and racing motorcycles. The latest innovations are these Carbon Fiber clutches that provide high static and dynamic friction coefficient for smooth, positive engagement and release. They are designed for use in conjunction with OEM or Barnett steel drive plates.

Fits late 1984-1990 Sportster 721926 Performance clutch set up with 7 Carbon Fiber lined friction plates (OEM 36788-84)

CLUTCH PLATE SET

Clutch plate set, fits 1984-1990 Sportster models, including the 1986 thru 1990 Evolution models. Set consists of 7 friction plates made with our own legendary high performance clutch friction material. Can be used with either ZPN149417 or 232531 (OEM 36788-84).

144451 Clutch friction discs, kit of 7



ALTO CLUTCH KITS FOR 1984 THRU 1990 SPORTSTER MODELS

Available as a complete kit (7 bonded plates) or as single plate, with Alto "Red" or Aramid lining (OEM 36788-84).

238628 "Red" lining plate kit (set 7)

238629 Aramid lining plate kit (set 7)

238651 "Red" lined plate (each)

710194 Aramid lining plate (each)



"SERIES-K96" KEVLAR CLUTCH KITS

Barnett is leading the wave of the future with the development of these smooth working, long lasting "Series-K96" clutches. Test results show that Barnett's asbestos free "Series-K96" clutches lasted 12 times longer than asbestos clutches and 3 times longer than semi-metallic.

Fits late 1984-1990 Sportster. Can be used in with OEM or aftermarket steel drive plates.

232562 Stock replacement clutch, consists of 7 Kevlar friction plates (OEM 36788-84)



BARNETT CARBON FIBER CLUTCH KITS

Barnett has always been number 1 of technology designing innovative clutches to meet the specific demands



"SERIES-K96" KEVLAR EXTRAPLATE CLUTCH KITS

All the advantages from the new "Series-K96 Kevlar" material and more. Barnett has developed these kits for performance motors and those who need extra clutch control. The "trick" is to increase the friction surface by adding an extra friction and drive plate. And when there is space enough, Barnett has even increased the friction surface per plate as well. "Extra-Plate" clutch kits install like a stock clutch and include all required parts.

Fits late 1984-1990 Sportster

236476 Complete High-Performance clutch kit with 9 bonded friction plates and 8 steel drive plates. Adds 28% more clutch surface area.



STEEL CLUTCH PLATE

Fits Sportster models 1984-1990 including the 1986-1990 Evolution Sportster models, 5 used per bike, sold each (OEM 36787-84).

149417 Steel drive plate



ALTO STEEL DRIVE PLATES

Steel drive plates for 1984 thru 1990 Sportster models. Thickness of plates is .063" (1.6mm). Available separately, or as a complete kit of 5 plates (OEM 36787-84).

238642 Steel plate kit (set 5)

238652 Steel plate (each)



BARNETT STEEL DRIVE PLATES

Barnett steel drive plates are made of tough, high tensile steel to reduce warpage problems. Can be used in conjunction with OEM, Barnett or Zodiac friction plates.

Fits 1984-1990 Sportster

232531 Can be used in combination with OEM, Barnett or Zodiac friction plates, sold each (OEM 36787-84)



BARNETT CLUTCH SPRINGS

Put the pressure on your clutch pack with Barnett clutch springs.

Fits late 1984-1990 Sportster

232535 Heavy-Duty version of OEM 36792-84, 20% stronger than stock



ALTERNATOR ROTOR & CLUTCH SHELL

Clutch shell & sprocket with alternator rotor. Comes complete with clutch sprocket and bearing, fits all Sportster models 1984 thru 1990 (OEM 36791-84)

781114 Made by V-Twin Mfg.

231468 Made to exact OEM specifications

782223 Complete kit with clutch shell and rotor assembly, stator and rectifier, Cycle Electric



INNER CLUTCH HUB

Precisely machined replacement inner clutch hub for late 1984-1990 4 Speed Evolution Sportster models. Meets the OEM specifications (OEM 36785-84).

750103 Inner clutch hub



CLUTCH RELEASE KIT 1984-1993 SPORTSTER

Complete kit includes inner and outer ramps, cable coupling, ramp rollers, retaining ring, adjuster screw, spring, nuts, loc tab, collar and bearing.

Fits 4-speed Sportster models late 1984-1993

781091 Complete clutch release kit (OEM 36715-84 + 25409-86A + 25448-84 + 3583 + 8873 + 11045 + 11735B)



MÜLLER POWER CLUTCH

Müller's power clutch provides smoother and easier clutch lever operation. This is the perfect solution for everyone who experiences "heavy" clutch operation. Comes complete with instructions and all necessary hardware.

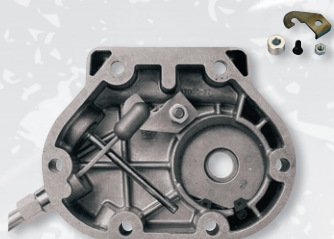
741236 Fits Sportster and Buell 1984-1993



"PULL-EASY" CLUTCH OPERATION KIT

Reduces the force required to operate the clutch lever with some 40%. Gives improved and smooth clutch control too. Fits out of sight inside transmission side cover where the clutch cable enters. Fitting instructions included.

131108 Fits 1987 thru 1999 Big Twin & Twin Cam and 1986-1990 Sportster, Genuine Zodiac

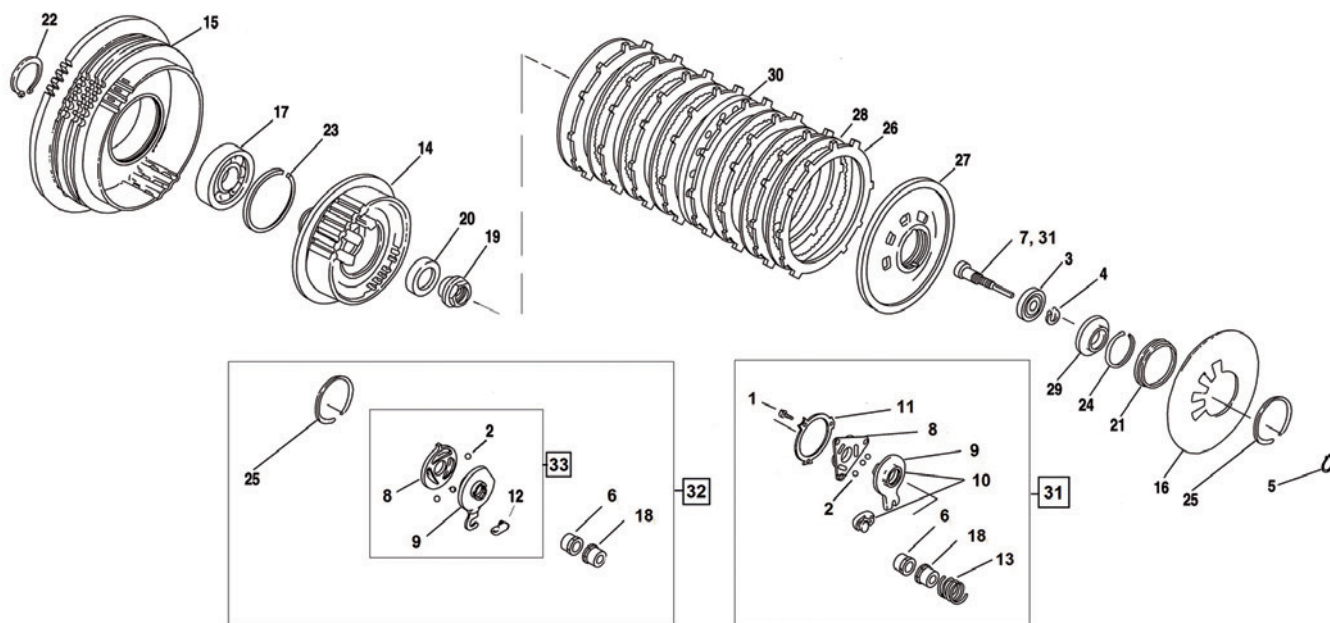


"EASYBOY" LITE-CLUTCH BY PROGRESSIVE SUSPENSION

Progressive Suspension claims that the Easyboy Lite-Clutch reduces the manual effort required to pull the clutch lever by 40% which lessens rider fatigue and provides smoother easier clutch action. Ideal for women riders or those of us who constantly find themselves caught in a stop-and-go traffic. Installation instructions are included with each kit. Not suitable for models with hydraulic clutch.

144171 Fits Big Twin models 1987 thru 1999 and Sportster models 1986 thru 1990

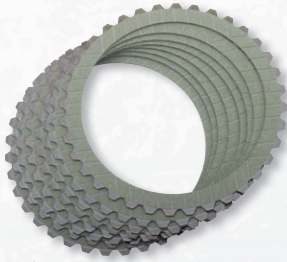
01	HELMETS, LUGGAGE, AUDIO & MORE
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18	GAS TANK & INSTRUMENT
19	OIL TANK, FILTER & LINE
20	FASTENERS
21	MIRROR
22	WINDSHIELD
23	OIL, CHEMICALS & TOOLS
24	TECHTIPS & CROSS REF > ZPN
25	CROSS REF ZPN > PAGE
26	ALPHABETICAL INDEX



CLUTCH PARTS FOR 1991 TO PRESENT EVOLUTION SPORTSTER & AIR COOLED BUELL

Note: Extra-Plate clutch kits do not fit XR 1200 models

Pos.	ZPN	Description	OEM	Pos.	ZPN	Description	OEM
1.	721349	Bolt, 3 needed, sold in 10-pack	3583	21.	370184	Clutch spring seat, Zodiac	37872-90
2.	238183	Clutch ramp roller	8873	22.	370183	Retaining ring, all except XR1200, Zodiac	37904-90
3.	711847	Bearing, clutch adjustment screw	8885	22.	710903	Retaining ring, all except XR1200, dealer 10-pack	37904-90
4.	239993	Retaining ring	11046	23.	239448	Clutch shell bearing retaining ring, all except XR1200	37905-90
5.	239995	Retaining ring	11250	24.	370181	Diaphragm retaining ring, Zodiac	37908-90
6.	239994	Well nut, 5-pack	11730A	25.	370185	Pressure plate retaining ring, Zodiac	37909-90
7.	239996	Adjustment screw, 1984-1993	11735B	25.	239381	Pressure plate retaining ring, USA made	37909-90
7.	239997	Adjustment screw, 1994-2003	11752	26.	144408	Clutch friction discs, set of 8, Zodiac Kevlar	37911-90
7.	239998	Adjustment screw, 2004-up	11765Y	26.	238659	Clutch friction disc, Alto "Red"	37911-90
8.	-	Inner ramp, 1984-1993	25408-84	26.	710195	Clutch friction disc, Alto Aramid	37911-90
8.	-	Inner ramp, 1994-up	25453-87A	26.	238638	Clutch friction discs, set of 8, Alto "Red"	37911-90
9.	721346	Outer ramp, 1984-1993	25409-86	26.	238639	Clutch friction discs, set of 8, Alto Aramid	37911-90
9.	-	Outer ramp, 1994-up	25409-94	26.	232567	Clutch friction discs, set of 8, Barnett Kevlar	37911-90
10.	-	Outer ramp & coupling kit	25409-84A	26.	721921	Clutch friction discs, set of 8, Barnett Carbon	37911-90
11.	721348	Lock plate	25448-84	26A.	232507	"Extra plate" clutch kit with 9 friction and 8 drive plates, Barnett Kevlar	-
12.	-	Clutch cable coupling	34920-86A	26A.	721922	"Extra plate" clutch kit with 9 friction and 8 drive plates, Barnett Carbon	-
13.	239999	Spring, 1984-1993	36715-84	27.	149400	Pressure plate, Zodiac	37912-91
13.	234128	Spring, 1994-up	36715-94	27.	751224	Clutch pressure plate, billet aluminum, Barnett	37912-91
14.	781140	Clutch hub, XL models	36785-91	28.	144404	Steel drive plate, kit of 6, Zodiac	37913-90
14.	-	Clutch hub, 2002-up Buell & XR1200	37898-02A	28.	238660	Steel drive plate, Alto	37913-90
15.	148230	Clutch shell and sprocket, 1991-2003, Genuine Zodiac	36790-91	28.	238643	Steel drive plate, kit of 8, Alto	37913-90
15.	781141	Clutch shell and sprocket, 1991-2003, V-Twin Mfg.	36790-91	28.	232569	Steel drive plate, Barnett	37913-90
15.	148231	Clutch shell and sprocket, XL 2004-up, Genuine Zodiac	36790-04	29.	234132	Release plate only	37918-91
15.	781142	Clutch shell and sprocket, XL 2004-up, V-Twin Mfg.	36790-04	29.	-	Release plate assembly with bearing (Pos. 29 & 3)	36731-91
15.	-	Clutch shell and sprocket, 2002-up Buell & XR1200	37899-02A	30.	144173	Clutch spring separator, all except XR1200	37977-90
16.	149425	Diaphragm clutch spring, 1991-2003	36792-91	30.	238669	Clutch spring separator, Alto	37977-90
16.	149429	Heavy Duty diaphragm clutch spring, 1991-2003	36792-91	30.	711749	Heavy-Duty clutch spring separator, Alto	37977-90
16.	232538	Heavy Duty diaphragm clutch, Barnett, 1991-2003	36792-91	31.	781091	Clutch release kit, late 1984-1993, V-Twin Mfg.	-
16.	761017	Extra Heavy Duty diaphragm clutch spring, 1991-2003	36792-91	32.	781121	Clutch release kit, 1994 to present, V-Twin Mfg.	-
16.	-	Diaphragm spring, 2004-up XL1200	37910-04B	33.	144005	Clutch release kit, 1994 to present, Genuine Zodiac	-
16.	-	Diaphragm spring, 2004-up XL883	37924-04A				
17.	711846	Ball bearing, all except XR1200	36799-91				
18.	-	Lockplate	36802-84B				
19.	234129	Nut, main shaft	37495-91				
20.	234130	Spring washer	37870-91				



ZODIAC'S KEVLAR CLUTCH KIT

Clutch plates feature Kevlar lining for improved strength, thermal stability and wear resistance.

Fits 1991 to present Sportster and 1991-2002 Buell

144408 Kevlar clutch kit with 8 lined friction discs (OEM 37911-90)



ALTO CLUTCH KITS FOR 1991 TO PRESENT SPORTSTER MODELS

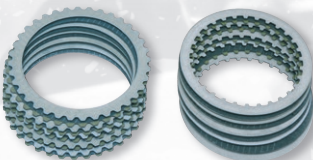
Available as a kit that consists of 8 friction plates or as single plate with either Red or Aramid lining (OEM 37910-90 & 37911-90).

238638 "Red" lining plate kit (set 8)

238639 Aramid lining plate kit (set 8)

238659 "Red" lining plate (each)

710195 Aramid lining plate (each)



ALTO CARBONITE CLUTCH KITS

Alto Products is one of the largest independent aftermarket manufacturers of clutch plates in the USA. As they are in business for more than 40 years, you can be sure that they know all ins and outs of clutches. They developed their Carbonite clutch kits specifically for High-Performance applications. This carbon fiber and nitrated-steel clutch set (hence the name "Carbonite") offers an enhanced initial friction value and enhanced lockup. The Carbonite's steel plates get the same special nitrate treatment as the cores from the bonded friction plates, aimed at preventing them from warping. The nitrated steel also cools and lubricates the clutch, improving the overall feel and performance. Carbonite clutch kits can be used wet or dry, but it's really best suited to wet applications.

All kits feature an extra friction disc and an extra steel plate for increased torque taking capacity.

Fits 1990-1997 Big Twin, 1991 to present XL Sportster and 1991-2002 Buell

711752 Complete clutch pack, contains 9 externally splined single sided Carbonite frictions, 9 internally splined single sided Carbonite frictions and 1 double sided Carbonite friction

Fits 2005 and later air cooled Buell

789858 Complete clutch pack, contains 9 externally splined single sided Carbonite frictions, 9 internally splined single sided Carbonite frictions and 1 double sided Carbonite friction



BARNETT CLUTCH PLATE KITS

Replacement clutch plate kits from Barnett.

Fits 1991 to present XL Sportster & 1991-2002 Buell

751223 Consists of 8 frictions and 6 steel plates. Does not include the OEM riveted double steel spring separator plate, as this can usually be re-used. If not reusable you can order one separately.

144173 Spring separator plate (OEM 37977-90)

Fits 2008 thru 2013 XR1200 and 2003 thru 2010 Buell XB9R and XB12R

751228 Consists of 8 friction plates and 7 steel plates



BARNETT CARBON FIBER CLUTCH KITS

Barnett has always been number 1 of technology designing innovative clutches to meet the specific demands of street and racing motorcycles. The latest innovations are these Carbon Fiber clutches that provide high static and dynamic friction coefficient for smooth, positive engagement and release. They are designed for use in conjunction with OEM or Barnett steel drive plates. Available as kits that fit like stock, but also as "Extra-Plate" kits for use in High Performance applications.

Fits 1991 to present Sportster and 1991-2002 Buell. Extra-Plate kit does not fit XR1200

721921 Performance clutch kit, 8 Barnett Carbon friction discs

721922 High Performance "Extra Plate" kit with 9 Carbon Fiber lined friction discs and 8 steel drive plates for 12% friction area increase



"SERIES-K96" KEVLAR CLUTCH KITS

Barnett is leading the wave of the future with the development of these smooth working, long lasting "Series-K96 Kevlar" clutches. Test results show that Barnett's asbestos free "Series-K96" clutches lasted 12 times longer than asbestos clutches and 3 times longer than semi-metallic.

Fits 1991 to present Sportster and 1991-2002 Buell. Can be used in conjunction with OEM or aftermarket steel drive plates.

232567 Consists of 8 Kevlar friction plates (OEM 37910-90 and 37911-90)

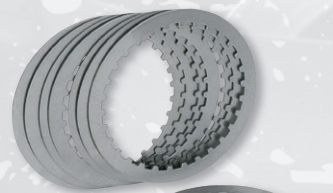


"SERIES-K96" KEVLAR EXTRAPLATE CLUTCH KITS

All the advantages from the new "Series-K96 Kevlar" material and more. Barnett has developed these kits for performance motors and those who need extra clutch control. The "trick" is to increase the friction surface by adding an extra friction and drive plate. And when there is space enough, Barnett has even increased the friction surface per plate as well. "Extra-Plate" clutch kits install like a stock clutch and include all required parts.

Fits 1991 to present XL Sportster & 1991-2002 Buell. Does not fit XR1200

232507 Complete High-Performance kit with 9 friction plates and 8 steel drive plates. Installs like stock and adds 12% clutch surface area.

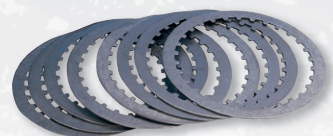


STEEL CLUTCH PLATES

Exact reproduction of the steel plates as used in 1990 thru 1997 Big Twins and 1991 to present Sportster models. Sold in sets of 6 for stock applications, as well as sets of 8 for use with high-performance Extra-Plate clutch kits.

144404 Steel clutch plates, set of 6 (OEM 37913-90)

144405 Steel clutch plates, set of 8 (OEM 37913-90)



ALTO STEEL DRIVE PLATES FOR 1991 TO PRESENT SPORTSTER MODELS

Kit of 8 steel drive plates, which are also separately available. Plates are .063" (1.6mm) thick.

238643 Steel plate kit (set 8)

238660 Steel plate (each)

01
HELMETS,
LUGGAGE,
AUDIO & MORE

02
SEAT

03
EXHAUST

04
ELECTRIC
& LIGHT

05
ENGINE
ELECTRICS

06
INTAKE

07
ENGINE

08
PRIMARY

09
TRANSMISSION

10
FINAL DRIVE

11
WHEELS &
TIRE

12
BRAKE

13
FOOT
CONTROL

14
HANDLEBAR

15
FRONT
SUSPENSION

16
CHASSIS/
FRAME &
SHOCKS

17
FENDER
& STRUTS

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GAS TANK &
INSTRUMENT

19
OIL TANK, FILTER
& LINE

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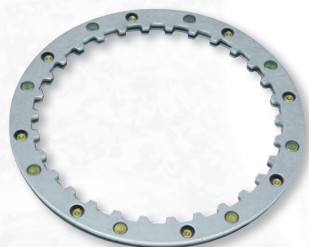
22
WINDSHIELD

23
OIL, CHEMICALS
& TOOLS

24
TECHTIPS &
CROSS REF
> ZPN

25
CROSS REF
ZPN > PAGE

26
ALPHABETICAL
INDEX



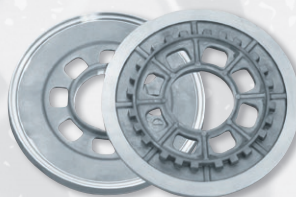
CLUTCH SPRING SEPARATOR PLATE
This spring loaded plate is designed for smooth engagement of the clutch on 1990 to present Sportster, and 1990 thru 1997 Big Twin models.
144173 Spring separator plate (OEM 37977-90)



DIAPHRAGM CLUTCH SPRING
Stock and Heavy-Duty diaphragm clutch spring for 1990-1997 Big Twin and 1991 to present Sportsters. The Extra Heavy Duty spring is strongly recommended for high performance and competition use.
149425 Genuine Zodiac, stock replacement (OEM 37871-90)
761015 American Prime, stock replacement (OEM 37871-90)
761016 American Prime, 15% stronger than stock
232538 Barnett, 25% stronger than stock
149429 Genuine Zodiac, 25% stronger than stock
761017 American Prime, Extra Heavy Duty, 40% stronger than stock, for competition use only



ALTO SPRING SEPARATOR PLATE
This spring loaded plate is designed for smooth engagement in 1990-1997 Big Twin, 1991 to present Sportster and 1995-2002 Buell.
238669 Spring separator plate, stock replacement with brass rivets (OEM 37977-90)
711749 Heavy-Duty spring separator plate with ultra strong Stainless Steel rivets (OEM 37977-90)



CLUTCH PRESSURE PLATE
Heavy Duty aluminum clutch pressure plate. Meets or exceeds OEM specifications. Fits 1991 to present Sportster models, and 1990-1997 Big Twin (OEM 37912-91).
149400 Clutch pressure plate, Zodiac (OEM 37912-91, also replaces OEM 37912-90)



BARNETT STEEL DRIVE PLATES
Barnett steel drive plates are made of tough, high tensile steel to reduce warpage problems. Can be used in conjunction with OEM, Barnett or Zodiac friction plates.

Fits 1991 to present XL Sportster, 1991-2007 air cooled Buell and 2008-2013 XR1200

232569 Steel drive plate, sold each, 6 used in XL's and Buell's, 7 used in XR 1200 (OEM 37975-90)



BARNETT BILLET ALUMINUM PRESSURE PLATE
Barnett's pressure plate is a reinforced replacement for the OEM pressure plate on 1990 thru 1997 Big Twins and 1991 to present Sportster models. Made from solid billet T6 aluminum alloy with an anodized finish.
751224 Billet aluminum pressure plate (OEM 31912-91)



CLUTCH RELEASE PLATE
Fits 1991 to present Sportster, air cooled Buell, all 2002-2017 V-Rod, all 2006-2017 Twin Cam and all 2017 to present Milwaukee Eight. These two parts together replace OEM 36731-91.
234132 Clutch release plate (OEM 37918-91)
711847 Clutch release bearing (OEM 8885)
370185 Clutch pressure plate retaining ring, fits Big Twin models 1990 to present (OEM 37909-90)



PRIMO/RIVERA "PRO CLUTCH" CONVERSION FOR SPORTSTER
The Primo Pro Clutch is developed and tested on the Drag Strip. It has a much larger friction area and can handle more horsepower than any other clutch available today. Installation is quick and easy. Kits contain all parts needed to convert your present system to the advanced Pro-Clutch system.

Conversion kits for 1991 to present XL Sportster and 1991-2002 Buell
721720 Complete Pro Clutch conversion

Individual parts
761012 Friction plate
761006 .080" thick steel drive plate
761010 .047" thick steel drive plate
761008 .120" thick steel end plate



COMPETITION MASTER CLUTCH KITS BY AMERICAN PRIME MANUFACTURING

American Prime Manufacturing was founded in 2018 by industry veteran Ben Kudon. This company prides itself on providing three things everyday: Performance, Quality and Service. Their Competition Master Clutch kits bolt straight into the OEM clutch basket and give you a clutch that is capable to take every foot-pound or Newton you can get out of your V-Twin. All American Prime parts are fully interchangeable with Rivera Primo parts of the same type and application. Consequently, a Competition Master clutch is the perfect alternative for a Pro-Clutch.

761026 Competition Master clutch kit, fits all 1991 to present XL Sportster

761023 Replacement clutch pack with all steel and friction plates

Replacement clutch pack. Kit contains 9 friction plates, 8 pcs. .047" thick steel drive plates and a .120" thick steel back plate.

761023 Replacement clutch pack with all steel and friction plates

Individual parts
761012 Friction plate
761006 .080" thick steel drive plate
761010 .047" thick steel drive plate
761008 .120" thick steel end plate





BARNETT "SCORPION" CLUTCH

Barnett Tool & Engineering developed these CNC machined billet steel and aluminum clutches as "The High Performance Clutch" for Harleys. The "Scorpion" clutch features over twice as much friction area compared to the stock clutch, and provides a smooth, linear, positive engagement and release for ease in finding neutral as well as smooth, positive shifting. Steel spacers on the clutch pack ends ensure no wear on the aluminum surfaces. The "Scorpion" clutch incorporates 6 Heavy-Duty coil springs instead of the stock diaphragm spring. In addition, Barnett includes extra spring sets to tune the clutch from Mild Street to wild race. Tune-ability is easy without the removal of the primary cover. The Barnett Scorpion clutch is designed for wet or semi-wet applications and is compatible with any primary oil. Can be fitted with standard tools, a special Scorpion clutch hub tool to ease removal is separately available, as well as clutch lock plates to lock the outer clutch basket to the inner hub.

751201 Fits 1991 to present XL Sportster models and 1991 thru 2002 Buell

Optional tools

722099 Scorpion clutch hub puller

751221 Clutch lock plate for Scorpion clutches on 1990 thru 1997 Big-Twins and 1991 to present Sportsters

Replacement clutch packs with clutch friction plates and steel plates

751203 Fits Scorpion clutches on 1991 to present Sportster models



BARNETT'S SCORPION CLUTCH BASKETS

Barnett Scorpion one-piece clutch baskets are precision machined from 7075 aluminum and hard anodized. They are designed for use with a stock or Barnett Scorpion clutch to give you all the advantages of the latest clutch technology.

Fits 1991-2003 Sportster & 1991-2002 Buell

737113 Scorpion clutch basket for OEM or Scorpion clutch (OEM 36790-91)

Fits 2004 to present XL Sportster

737128 Scorpion clutch basket for OEM or Scorpion clutch (OEM 36790-04)



712129



712121



712124



T.P.P. SUPER LIGHT WORKING PERFORMANCE CLUTCH FOR SPORTSTER

When you feel that it takes too much from your hand to pull the clutch the Variable Pressure Clutch (VPC) is the ultimate solution. The VPC gives you reduced spring pressure at idle, but when revving up the bob weights use centrifugal force to put more pressure on the clutch than you could ever achieve with a High Performance clutch spring. It makes for easy clutch lever work from idle to 3,000 RPM, the area where most people need to pull their clutch to shift gear. Some Variable Pressure Clutch features:

- Centrifugal force on the bob weights works like a Lock Up clutch
- Reduces required clutch lever force up to 40%-55% at idle on stock engines
- Improved clutch engagement when revving up
- Better clutch disengagement and feel
- Easier to find neutral
- Clutch pull becomes heavier when RPM increases

Fits 1994-2003 Sportster and 1991-1993

Sportster with a 1994-2003 primary cover
Note: Requires removing primary cover during installation. 1991-1993 Sportster requires a 1994-2003 primary cover due to clearance issue.

712139 For stock 55CI (883 CC), gives 55% lever effort reduction. Includes 150lbs diaphragm spring

712140 For stock 74CI (1200 CC), gives 40% lever effort reduction. Includes 190lbs diaphragm spring

712141 For mildly tuned engines, gives 20% lever effort reduction. Includes 240lbs diaphragm spring

712129 For highly tuned engines. No lever effort reduction. Install with stock diaphragm spring

Fits 2004 to present Sportster

Note: Installation requires removal of some material from the fins on the inside of the primary cover. Template and instructions included.

712124 For stock XL883 engines, gives 40% lever effort reduction. Includes 150lbs diaphragm spring

712125 For stock XL1200, 883 with 1200 Big Bore kit and mildly tuned 883 engines, gives 25% lever effort reduction. Includes 190lbs diaphragm spring

712131 For mildly tuned XL1200, gives 15% lever effort reduction. Includes 240lbs diaphragm spring

712121 For highly tuned engines, gives no lever effort reduction. Install with stock diaphragm spring

Replacement diaphragm springs

712122 Diaphragm spring for XL883 applications, 150lbs.

712123 Diaphragm spring for XL1200 applications, 190lbs. Can also be used to upgrade VPC's for XL883 applications

712130 Diaphragm spring for XL1200 applications, 240lbs. Can also be used to upgrade VPC's for High Torque applications

01
HELMETS,
LUGGAGE,
AUDIO & MORE

02
SEAT

03
EXHAUST

04
ELECTRIC
& LIGHT

05
ENGINE
ELECTRICS

06
INTAKE

07
ENGINE

08
PRIMARY

09
TRANSMISSION

10
FINAL DRIVE

11
WHEELS &
TIRE

12
BRAKE

13
FOOT
CONTROL

14
HANDLEBAR

15
FRONT
SUSPENSION

16
CHASSIS/
FRAME &
SHOCKS

17
FENDER
& STRUTS

18
GAS TANK &
INSTRUMENT

19
OIL TANK, FILTER
& LINE

20
FASTENERS

21
MIRROR

22
WINDSHIELD

23
OIL, CHEMICALS
& TOOLS

24
TECHTIPS &
CROSS REF
> ZPN

25
CROSS REF
ZPN > PAGE

26
ALPHABETICAL
INDEX

01
02
03
04
05
06
07
08
09
10
11
12
13
14
15
16
17
18
19
20
21
22
23
24
25
26

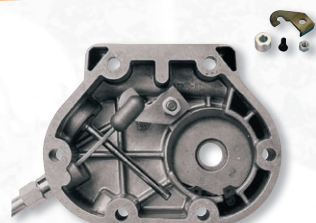


CLUTCH RELEASE KIT 1984-1993 SPORTSTER

Complete kit includes inner and outer ramps, cable coupling, ramp rollers, retaining ring, adjuster screw, spring, nuts, loc tab, collar and bearing.

Fits Sportster models late 1984-1993

781091 Complete clutch release kit (OEM 36715-84 + 25409-86A + 25448-84 + 3583 + 8873 + 11045 + 11735B)



PROGRESSIVE suspension

"EASYBOY" LITE-CLUTCH BY PROGRESSIVE SUSPENSION

Progressive Suspension claims that the Easyboy Lite-Clutch reduces the manual effort required to pull the clutch lever by 40% which lessens rider fatigue and provides smoother easier clutch action. Ideal for women riders or those of us who constantly find themselves caught in stop-and-go traffic. Installation instructions are included with each kit. Not suitable for models with hydraulic clutch.

233681 Fits 5 Speed Sportster 1991-1993



MÜLLER POWER CLUTCH

Müller's power clutch provides smoother and easier clutch lever operation. This is the perfect solution for everyone who experiences "heavy" clutch operation. Comes complete with instructions and all necessary hardware.

741236 Fits Sportster and Buell 1984-1993

741235 Fits Sportster and air cooled Buell models 1994 to present



CLUTCH RELEASE KIT 1994 TO PRESENT SPORTSTER & BUELL

Basic kit includes inner ramp (OEM 25433-87A), outer ramp (OEM 25409-94), cable coupling (OEM 34920-86A) and ramp roller bearings (OEM 8873). Complete kit also includes spring (OEM 36715-84), lock plate (36802-84B) and well nut (OEM 11730A).

Fits 1994 to present Sportster & 1994-2010 air cooled Buell

144005 Basic clutch release kit, Genuine Zodiac

781121 Complete clutch release kit, V-Twin Mfg.



HYDRAULIC CLUTCH CONVERSION KITS FOR 1996 TO PRESENT SPORTSTER

Convert from your stock cable operated clutch into an easy to operate hydraulic clutch. Hydraulic operated clutches require 30% less effort compared to cable operated clutches. Easy to follow step-by-step installation instructions are also included. Available as complete handlebar control kits or as clutch conversion only in chrome or black. Fits all 1996 to present Sportster models.

Clutch conversion kits have a smooth top cover on the clutch master cylinder and come complete with line and slave cylinder

054104 Chrome kit

054105 Black kit



Complete handlebar control kits contain 9/16" bore brake master cylinder, clutch master cylinder, hydraulic clutch line, clutch slave cylinder and handlebar switch housings that take the stock switches.

054100 Chrome kit

054101 Black kit

Replacement parts

054106 Clutch line with slave cylinder

054110 Clutch master cylinder rebuild kit, 10.5mm bore

144125 Brake master cylinder rebuild kit, 9/16" bore (OEM 45006-96C)





ALTO CLUTCH KITS

Alto Products is one of the largest independent aftermarket manufacturers of clutch plates in the USA. As they are in business for more than 40 years, you can be sure that they know all ins and outs of clutches.

2008-2017 V-Rod

789847 Clutch friction kit with 9 Red Eagle Sunburst bonded discs (OEM 36713-01K (8) & 36720-08K (2))

789848 Clutch friction kit with 9 Aramid bonded discs (OEM 36713-01K (8) & 36720-08K (2))

789849 Clutch drive plate kit with 8 steel discs (OEM 36702-08K (7) & 38841-08K)



BARNETT CLUTCH SPRINGS

Put the pressure on your clutch pack with Barnett clutch springs.

Fits 2002-2007 V-Rod

722388 Set of 5 Heavy-Duty clutch springs (OEM 36705-01K)

722914 Set of 5 Xtra Heavy-Duty clutch springs for highly tuned engines

Fits 2008-2017 V-Rod

760515 Set of 4 (OEM 36705-08K)



712114



T.P.P. SUPER LIGHT WORKING PERFORMANCE CLUTCH FOR V-ROD

When you feel that it takes too much from your hand to pull the clutch the Variable Pressure Clutch (VPC) is the ultimate solution. The VPC gives you reduced spring pressure at idle, but when revving up the bob weights use centrifugal force to put more pressure on the clutch than you could ever achieve with a High Performance

clutch spring. It makes for easy clutch lever work from idle to 3,000 RPM, the area where most people need to pull their clutch to shift gear. Some Variable Pressure Clutch features:

- Centrifugal force on the bob weights works like a Lock Up clutch
 - Reduces required clutch lever force up to 35% at idle on stock engines
 - Improved clutch engagement when revving up
 - Better clutch disengagement and feel
 - Easier to find neutral
 - Includes shims to tune the clutch for High-Performance applications
 - Clutch pull becomes heavier when RPM increase
- 712114** TPP Variable Pressure Clutch for 2002-2007 V-Rod
- 712120** TPP Variable Pressure Clutch for 2008-2017 V-Rod



"SERIES-K96" KEVLAR CLUTCH KITS

Barnett is leading the wave of the future with the development of these smooth working, long lasting "Series-K96 Kevlar" clutches. Test results show that Barnett's asbestos free "Series-K96" clutches lasted 12 times longer than asbestos clutches and 3 times longer than semi-metallic.

Fits 2002-2007 V-Rod

722385 Set of 9 Kevlar plates (OEM 36713-01K), 8 steel plates (OEM 36702-01K) and 5 clutch springs (OEM 36705-01K)

Fits 2008-2017 V-Rod

722537 Set of 9 Kevlar plates (OEM 36713-01K & 36720-08K), 8 steel plates (OEM 36702-08K & 38841-08K) and 4 clutch springs (OEM 36705-08K)



"SERIES-K96" KEVLAR EXTRAPLATE CLUTCH KITS

All the advantages from the new "Series-K96 Kevlar" material and more. Barnett has developed these kits for performance motors and those who need extra clutch control. The "trick" is to increase the friction surface by adding an extra friction and drive plate. And when there is space enough, Barnett has even increased the friction surface per plate as well. "Extra-Plate" clutch kits install like a stock clutch and include all required parts.

Fits 2002-2007 V-Rod

722386 Complete High-Performance clutch kit with 10 bonded friction plates, 9 steel plates and a set of Heavy-Duty clutch springs



BARNETT CARBON FIBER EXTRA PLATE CLUTCH KITS

Barnett has always been number 1 of technology designing innovative clutches to meet the specific demands of street and racing motorcycles. The latest innovations are these Carbon Fiber clutches that provide high static and dynamic friction coefficient for smooth, positive engagement and release.

Fits 2002-2007 V-Rod

722387 High Performance extra-plate clutch kit. Consists of 10 Carbon Fiber lined friction plates, 9 steel plates and 5 Heavy-Duty clutch springs



370185

711847

234132

CLUTCH RELEASE PLATE

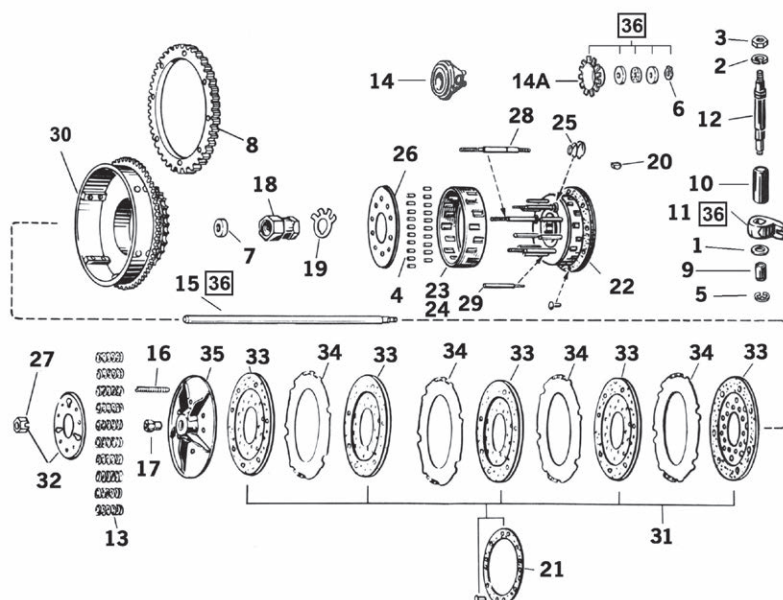
Fits 1991 to present Sportster, air cooled Buell, all 2002-2017 V-Rod, all 2006-2017 Twin Cam and all 2017 to present Milwaukee Eight. These two parts together replace OEM 36731-91.

234132 Clutch release plate (OEM 37918-91)

711847 Clutch release bearing (OEM 8885)

370185 Clutch pressure plate retaining ring, fits Big Twin models 1990 to present (OEM 37909-90)

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



CLUTCH PARTS FOR 1936-EARLY 1984 BIG TWIN

Note: 1968-1984 clutch friction discs can be used in 1941-1967 models when installed with an extra steel plate ZPN030209.

Pos.	ZPN	Description	Year fitment	OEM	Pos.	ZPN	Description	Year fitment	OEM
1.	-	Washer, 13/32"x11/16"x1/16"	1936-1984	6443HW	21.	236478	Clutch hub liner with rivets, Barnett	1941-1983	37549-41
2.	743954	Lock washer, 7/16", 50-pack	1936-1984	7039	22.	144450	Clutch hub 3 stud	1941-1984	37550-41B
3.	743989	Nut, 7/16-20, 100-pack	1936-1984	7837W	22.	144488	Clutch hub 5 stud	1941-1984	-
4.	144457	Clutch hub rollers, standard diameter, set 20	1959-1984	9540A	22.	144490	Clutch hub 10 stud	1941-1984	-
4.	234646	Clutch hub rollers, +.0004", set 20	1959-1984	9541A	23.	144495	Clutch hub retainer with rollers	1941-1957	37567-41A
4.	234647	Clutch hub rollers, +.0008", set 20	1959-1984	9542A	24.	144487	Clutch hub retainer	1958-1984	37566-58
5.	237059	Retaining ring	1970-1984	11000	25.	144179	Hub bearing spring, 10 pack	1944-1984	37574-44
5.	237058	Retaining ring, 10 pack	1970-1984	11000	26.	144178	Hub bearing plate	1941-1984	37576-41
6.	233445	Retaining ring, 10 pack	1941-1987	11096	27.	144504	Nut, clutch hub stud	1941-1984	37581-47
7.	022357	Oil seal clutch hub nut	1965-1984	12014	28.	144453	Clutch hub stud long	1941-1984	37583-41
8.	303001	Starter ring gear	1965-1984	33163-65B	29.	144452	Clutch hub stud short	1941-1984	37585-41
9.	-	Lower bushing	1938-1986	33290-38	30.	144403	Clutch shell without starter ring gear	1941-1964	37703-41
10.	-	Upper bushing	1936-1986	33291-36	30.	739932	Clutch shell with starter ring gear	1965-1969	37702-65B
11.	291256	Clutch release finger, 4-speed	1941-1984	37070-39B	30.	144402	Clutch shell with starter ring gear	1970-1984	37702-70A
11.	238179	Clutch release finger, 5-speed	1980-1984	37084-79	30.	739933	Clutch shell with starter ring gear (final belt drive models)	1982-1984	37707-82
12.	291258	Clutch release shaft	1941-1984	37074-38A	30.	-	Clutch shell with starter ring gear, FXB, FXSB	1980-1983	37655-80A
13.	232511	Clutch spring, set 10	1941-1967	38077-41	31.	030252	Clutch plate set	-	37850-68
13.	233730	Clutch spring, set of 10, Barnett	1968-1984	37077-68, 38075-68	32.	144180	Pressure plate 3 stud	1941-1984	38010-41
13.	292079	Heavy-Duty clutch spring, 10 required, sold each	1968-1984	37077-68, 38075-68	32.	144172	Pressure plate 5 stud	1941-1984	-
13.	232514	Heavy-Duty clutch spring, set of 10, Barnett	1968-1984	37077-68, 38075-68	32.	144491	Pressure plate 10 stud	1941-1984	-
14.	144193	Throw-out bearing, Genuine Zodiac	1939- early 1975	37310-39	33.	030252	Friction disc set, contains: 5 friction discs and a hub liner with rivets	1968-1984	37850-68
14.	789240	Throw-out bearing, Eastern USA	1939- early 1975	37310-39	33.	232513	Set contains 5 Barnett "Dryflex" bonded friction plates	1941-1983	-
14A.	144556	Oil slinger	late 1975-1984	37228-75	33.	232564	Friction disc set, contains 5 Barnett "Kevlar" bonded friction plates	1941-1983	-
15.	233443	Clutch Push Rod	1936-1964	37285-38	34.	030209	Steel drive plate	1941-1984	37975-41
15.	233442	Clutch Push Rod	1965-1969	37285-65	34.	232516	Steel drive plate, Barnett	1941-1983	-
15.	233441	Clutch Push Rod	1970-1974	37285-70	34.	238664	Steel drive plate, Alto	1941-1983	-
15.	233440	Clutch Push Rod	1975-1984	37285-75A	34.	238665	Steel drive plate with buffers, Alto	1941-1983	-
16.	233438	Adjusting screw push rod	1941-1984	37357-41	35.	782144	Release disc	1941-1984	37871-41
16.	231559	Problem solving adjusting screw with roller ball	1941-1984	37357-41	35.	033000	Release disc, High Performance	1941-1984	37871-41
17.	233439	Adjusting screw nut, galvanized, 10 pack	1941-1984	37361-41	36.	782194	Contains all parts required to update the push rod kit. Contains Circlip, release finger, oil slinger, push rod, 2 thrust washers, thrust bearing and bushing	1941-1964	-
17.	751022	Adjusting screw nut, galvanized	1941-1984	37361-41	36.	144569	Contains all parts required to update the push rod kit on all 1965 thru 1975 Big Twin models, and replaces the push rod kit on 1975 thru 1984 Big Twins. Contains Circlip, release finger, oil slinger, push rod, 2 thrust washers, thrust bearing and bushing	1965-1984	-
17.	239465	Adjusting screw nut, parkerized, Colony	1941-1984	37361-41					
18.	144485	Clutch hub nut	1941-1984	37496-65					
19.	144455	Lock washer for clutch hub nut, 10 pack	1941-1984	37503-41					
19.	742458	Lock washer for clutch hub nut, James, 5 pack	1941-1984	37503-41					
20.	144454	Clutch key, 10 pack	1941-1984	37523-15A					
21.	030251	Clutch hub liner with rivets	1941-1983	37549-41					
21.	238668	Clutch hub liner with rivets, Alto	1941-1983	37549-41					

**CLUTCH PLATE SET BIG TWINS**

Zodiac's famous Full Plate clutch sets for all Big Twins 1968 thru 1984. Set includes 5 full friction plates and the clutch hub lining with rivets. Works wet or dry (OEM 37850-68).

030252 Clutch plate set

**ALTO CARBONITE CLUTCH KIT
1941-1984 BIG TWIN**

Alto Products is one of the largest independent aftermarket manufacturers of clutch plates in the USA. As they are in business for more than 40 years, you can be sure that they know all ins and outs of clutches. They developed their Carbonite clutch kits specifically for High-Performance applications. This carbon fiber and nitrated-steel clutch set (hence the name "Carbonite") offers an enhanced initial friction value and enhanced lockup. The Carbonite's steel plates get the same special nitrate treatment as the cores from the bonded friction plates, aimed at preventing them from warping. The nitrated steel also cools and lubricates the clutch, improving the overall feel and performance. Carbonite clutch kits can be used wet or dry, but it's really best suited to wet applications. All kits feature an extra friction disc and an extra steel plate for increased torque taking capacity.

Fits 1941-early 1984 Big Twin

711750 Complete clutch pack, contains 6 Carbonite frictions & 5 Kolene Melonite steels

**ALTO CLUTCH KITS**

1941 thru 1967 Big Twins use 4 plates and 1968 thru 1984 Big Twins use 5 plates. Plates are .210" (5.3mm) thick and are available as a set of either 4 or 5 plates, and separately. Your choice of Aramid or Alto "Red" lining. Can be used wet or dry.

Fits 1941 thru 1967 Big Twins

238632 "Red" lining 4 plate kit

238633 Aramid lining 4 plate kit

238662 "Red" lining plate (each)

238663 Aramid lining plate (each)

Fits 1968 thru 1984 Big Twin

238634 "Red" lining 5 plate kit

238635 Aramid lining 5 plate kit

238662 "Red" lining plate (each)

238663 Aramid lining plate (each)

**BARNETT DRYFLEX CLUTCH KITS**

The non-asbestos Dry Flex Friction compound from Raybestos is an alternative for the banned asbestos. Tests have proven this new material is superior to asbestos based materials. Although designed as a dry material, it has remarkable tolerance to oils and incidental oil from primary chain/oiler, and will not cause slippage. This Dry Flex material provides smooth, positive, fade-free engagement.

Fits 1941 thru early 1984 Big Twins

232513 Dryflex clutch kit (dry use), when installed in 1967 and older models, an extra steel plate (ZPN232516) is required

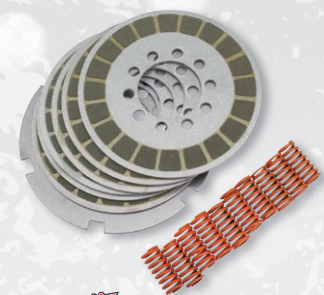
**"SERIES-K96" KEVLAR CLUTCH KITS**

Barnett is leading the wave of the future with the development of these smooth working, long lasting "Series-K96 Kevlar" clutches. Test results show that Barnett's asbestos free "Series-K96" clutches lasted 12 times longer than asbestos clutches and 3 times longer than semi-metallic.

Fits 1941-early 1984 Big Twin. Can be used in conjunction with OEM or aftermarket steel drive plates.

1941-1967 require an extra steel plate ZPN 23251.

232564 Set of five Kevlar bonded friction plates with steel cores (OEM 37930-68)

**"SERIES-K96" KEVLAR EXTRAPLATE CLUTCH KITS**

All the advantages from the new "Series-K96 Kevlar" material and more. Barnett has developed these kits for performance motors and those who need extra clutch control. The "trick" is to increase the friction surface by adding an extra friction and drive plate. And when there is space enough, Barnett has even increased the friction surface per plate as well. "Extra-Plate" clutch kits install like a stock clutch and include all required parts.

232565 Complete High-Performance clutch kit with 6 Kevlar bonded friction plates, 1 steel drive plate and a set of Heavy-Duty clutch springs. Adds approximately 20% more friction area. When used in a pre-1968 model an extra drive plate ZPN 232516 is required.

**BARNETT SINTERED FRICTION PLATES**

These race-proven friction plates are made of sintered iron fused to high tensile strength steel cores to make them resistant to wear and extreme high temperatures. Normally used as a slipper clutch.

Fits 1941-early 1984 Big Twin

232536 Sintered clutch friction plate, .160" thick, 6 required per clutch

**CLUTCH HUB LINER/BACKING PLATE FOR 1941 THRU 1984 BIG TWINS**

This clutch hub liner/backing plate comes with the necessary rivets for mounting to the clutch hub.

236478 Clutch hub liner/backing plate

01
HELMETS,
LUGGAGE,
AUDIO & MORE

02
SEAT

03
EXHAUST

04
ELECTRIC
& LIGHT

05
ENGINE
ELECTRICS

06
INTAKE

07
ENGINE

08
PRIMARY

09
TRANSMISSION

10
FINAL DRIVE

11
WHEELS &
TIRE

12
BRAKE

13
FOOT
CONTROL

14
HANDLEBAR

15
FRONT
SUSPENSION

16
CHASSIS/
FRAME &
SHOCKS

17
FENDER
& STRUTS

18
GAS TANK &
INSTRUMENT

19
OIL TANK, FILTER
& LINE

20
FASTENERS

21
MIRROR

22
WINDSHIELD

23
OIL, CHEMICALS
& TOOLS

24
TECHTIPS &
CROSS REF
> ZPN

25
CROSS REF
ZPN > PAGE

26
ALPHABETICAL
INDEX



CLUTCH HUB LINING PLATE WITH RIVETS

Fits all Big Twins 1941-1984. May be used in combination with Barnett clutch kits (OEM 37549-41).

030251 Clutch hub liner with rivets



BARNETT STEEL DRIVE PLATES

Barnett steel drive plates are made of tough, high tensile steel to reduce warpage problems. Can be used in conjunction with OEM, Barnett or Zodiac friction plates.

Fits 1941 thru early 1984 Big Twins

232516 Steel drive plate 1941-1967 models require 3 plates, 1968-1984 models require 4 plates, sold each (OEM 37975-41)



DAYTONA

CLUTCH SHELL AND SPROCKET FOR 1941-1984 4 SPEED BIG-TWIN

Available without starter ring gear for early kickstart models 1941 thru 1964 or if later models have been changed to open primary belt drive, as well as for the 1965 thru 1985 electric start models with starter ring gear (except models with diaphragm clutch). Replacement starter ring gears are separately available.

144403 Kickstart only (OEM 37703-41)

144402 Kick/Electric start (OEM 37702-70A)

303001 Starter ring gear



2 YEARS WARRANTY

THREE STUD CLUTCH HUB ASSY

Standard replacement hub with three adjustable studs. Includes lining with rivets (OEM 37550-41B).

144450 Clutch hub 3 stud 1941 thru 1984



ALTO CLUTCH HUB LINING

Fits all 1941 thru 1984 clutch hubs, rivets are included (OEM 37549-41).

238668 Clutch hub liner with rivets, Alto



BARNETT CLUTCH SPRINGS

Put the pressure on your clutch pack with Barnett clutch springs.

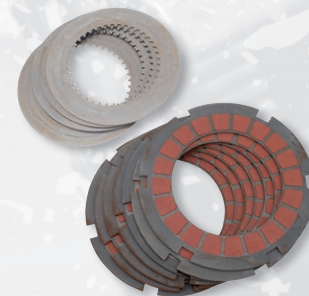
1941-1967 Big Twin

232511 Set of 10 replacement clutch springs, 50 lbs at 1 1/8" (OEM 38075-41, 38077-41)

232514 Set of 10 Heavy-Duty clutch springs, 68 lbs at 1 1/8", recommended for use with all High-Performance clutches

Fits 1968-early 1984 Big Twin

233730 Set of 10 replacement clutch springs, 40 lbs @ 1 1/8" (OEM 37077-68)



BARNETT CLUTCH KITS FOR PRIMO PRO-CLUTCH

Barnett has been at the forefront of motorcycle clutch design for over 40 years. Barnett clutches have won more races and set more records than any other brand made. Also when you have a Pro-Clutch installed, Barnett has a clutch for you. Barnett clutches are designed to operate smoothly and trouble free for mile after mile.

722391 Fits Pro-Clutch on 1936 thru 1984 Big Twins, kit consists of 7 friction and 7 steel plates



2 YEARS WARRANTY

FIVE STUD CLUTCH HUB ASSY

This five stud hub assy provides more even adjustment, greater support and less plate wobble. Includes rivets, lining and special pressure plate.

144488 Clutch hub 5 stud



ALTO STEEL DRIVE PLATES

The steel drive plates for 1941 thru 1984 Big Twins are available with or without anti-rattle devices. These anti-rattle devices will silence the movement and noise in the clutch basket. Both styles of plates are sold separately, or as sets of four plates for 1968 thru 1983 models or sets of three plates for 1941 thru 1967 models. Thickness of plates is .115" (2.9mm).

Fits 1941 thru 1967 Big Twins

238644 Steel plate kit (set 3)

238645 Steel plate kit with anti rattle devices (set 3)

238664 Steel plate (each)

238666 Steel plate, small cut-outs (each)

238665 Steel plate with anti rattle devices (each)

Fits 1968 thru 1984 Big Twins

238646 Steel plate kit (set 4)

238647 Steel plate kit with anti rattle devices (set 4)

238664 Steel plate (each)

238666 Steel plate, small cut-outs (each)

238665 Steel plate with anti rattle devices (each)



2 YEARS WARRANTY

TEN STUD CLUTCH HUB ASSY

The ultimate answer for tuned motors. The 10 adjustable studs provide a super even adjustment of the clutch and will stop the clutch plate wobble completely. Works perfect in combination with our High-Performance pressure plate (ZPN033000).

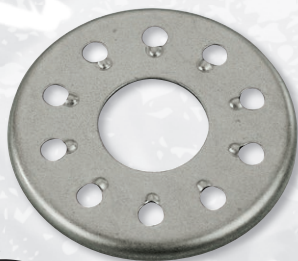
144490 Clutch hub 10 stud

**TAMER CLUTCH KIT FOR BIG TWINS**

The ultimate answer to all clutch jerking problems, will cure it 100% and increase clutch life. A must when having belt drive primary. Will increase belt and pulley life! Replacement shims are separately available. Fits 4 Speed clutches.

291266 Tamer clutch kit

291283 Replacement shims, pack of 12

**10 HOLE CLUTCH PRESSURE PLATE**

This 10 hole pressure plate can be used as stock replacement, but must be used when installing our high performance 5-stud or 10-stud clutch hub. Fits all Big Twin clutch hubs 1941-early 1984 (OEM 38010-41).

144491 10 Hole clutch pressure plate

**CUSTOM OUTER CLUTCH PRESSURE PLATES**

Chrome plated die cast aluminum outer clutch pressure plates are stronger than stock. Great for use with open belt drives. Installation on closed primaries may require spacing out the derby cover. Fits 1941 thru early 1985 coil spring type Big Twin clutch.

144494 Clutch dome, stock replacement 3-stud style (OEM 38010-41)

144498 Clutch dome, for use with 5-stud clutch hub ZPN 144488

144499 Clutch dome, for use with 10-stud clutch hub ZPN 144490

**COMPETITION MASTER CLUTCH KITS BY AMERICAN PRIME MANUFACTURING**

American Prime Manufacturing was founded in 2018 by industry veteran Ben Kudon. This company prides itself on providing three things everyday: Performance, Quality and Service. Their Competition Master Clutch kits bolt straight into the OEM clutch basket and give you a clutch that is capable to take every foot-pound or Newton you can get out of your V-Twin. All American Prime parts are fully interchangeable with Rivera Primo parts of the same type and application. Consequently, a Competition Master clutch is the perfect alternative for a Pro-Clutch.

761028 Competition Master clutch kit, fits all 1936-early 1984 Big Twin

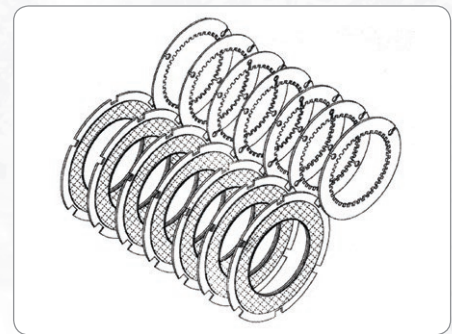
761020 Replacement clutch pack with all steel and friction plates

722390 Replacement clutch pack with all steel and friction plates, Barnett

**RIVERA TPP VARIABLE PRESSURE PLATE**

This variable pressure plate assembly increases pressure at higher RPM. Less effort is required to pull the clutch lever while shifting. Under the influence of high horsepower a dramatic increase in clutching power is obtained. Up to 60% more clutch pack compression allows to use a lighter diaphragm clutch spring. These TPP Variable Clutches can only be used on diaphragm spring equipped High Performance clutches.

722979 Variable Pressure Plate for diaphragm spring equipped High Performance clutch on 1936-early 1984 Big Twin

**NEW****REPLACEMENT CLUTCH PLATES FOR PRIMO PRO-CLUTCH**

Over the years Primo/Rivera have changed the construction of stock replacement Pro-Clutches, as well as Pro-Clutches as supplied with Brute Classic, Brute III, and Brute IV belt drives. The early style Pro-Clutch had a clutch hub with integrated steel rear plate, the late style Pro-Clutch have a hub and separate rear plate. Please note that Pro-Clutches used for stock replacement and the Pro-Clutch as supplied with a Primo belt drive are NOT the same!

For Pro-Clutch on 1936-1984 Big Twins. Kit contains 7 friction plates, 7 pieces .047" steel pieces, and a .120" thick steel back plate.

761020 Replacement clutch pack with all steel and friction plates

Individual parts:

761007 Friction plate

761009 .047" thick steel drive plate, 7 needed

761011 .120" thick steel end plate

**BARNETT "SCORPION" CLUTCH**

Barnett Tool & Engineering developed these CNC machined billet steel and aluminum clutches as "The High Performance Clutch" for Harleys. The "Scorpion" clutch features over twice as much friction area compared to the stock clutch, and provides a smooth, linear, positive engagement and release for ease in finding neutral as well as smooth, positive shifting. Steel spacers on the clutch pack ends ensure no wear on the aluminum surfaces. The "Scorpion" clutch incorporates 6 Heavy-Duty coil springs instead of the stock diaphragm spring. In addition, Barnett includes extra spring sets to tune the clutch from Mild Street to wild race. Tune-ability is easy without the removal of the primary cover. The Barnett Scorpion clutch is designed for wet or semi-wet applications and is compatible with any primary oil.

758433 Fits 1936-early 1984 4-speed Big Twin and 1980-early 1984 5-speed Big Twin

722099 Scorpion clutch hub puller

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



HIGH PERFORMANCE PRESSURE PLATE BIG TWIN

This pressure plate will help you to stop a slipping clutch because it does not flex. Gives a much smoother clutch. Recommended for tuned motors. Fits all Big Twins 1941 thru 1984 (OEM 37871-41).

033000 Pressure plate



CLUTCH HUB NUT SEALING KIT

Convenient kit made by James Gaskets. Can be used with any 4-speed clutch as used in 1941 thru 1984, except those equipped with a diaphragm style clutch. Kit contains two double lip oil seals, a clutch hub key, and clutch hub lock plate.

231666 Clutch hub nut sealing kit



HEAVY DUTY CLUTCH RELEASE PUSHROD FOR BIG TWIN

Kits contain all parts required to update the pushrod-kit on 1941-1965 or 1966-1984 Big Twins. Features an extra Heavy-Duty thrust-bearing for longer life and easier clutch control. Can be purchased as a complete kit or individually.

Complete kit contains:

- Circlip (OEM 11096)
- Release finger (OEM 37030A)
- Oil slinger (OEM 37228)
- Correct length pushrod for your application
- Thrust washer (2pcs) with thrust bearing (OEM 37312)
- Bushing (OEM 37312-75)

782194 Complete kit for 1941-1965 Big Twin

144569 Complete kit for 1966-1984 4-speed Big Twin

144554 Bearing kit contains: circlip, thrust washer (2), thrust bearing

144556 Oil slinger (OEM 37228-75)

233445 Throw-out bearing retaining clip, 10 pack (OEM 11096)



CLUTCH HUB NUT LOCK TABS FOR 4 SPEED BIG TWIN

As it is better to be safe than sorry, lock tabs should never be re-used. For example, these lock tabs are for the clutch hub nut on all 4 speed Big Twins 1941 thru 1984. Sold to dealers in 5 or 10 packs. Replaces OEM 37503-41.

144455 Genuine Zodiac, dealer 10-pack

742458 Genuine James, dealer 5-pack



PUSHRODS FOR 4 SPEED BIG TWIN COIL SPRING CLUTCH

These clutch rods are made from long wearing 4140 material. The adjusting screw side of the rod has been heat treated for maximum wear.

233440 Fits 1975 thru 1984 (except diaphragm clutch) (OEM 37285-75), pushrod length 14 1/8" (358mm)

233441 Fits 1970 thru 1974 (OEM 37285-70), pushrod length 14" (355.5mm)

233442 Fits 1965 thru 1969 (OEM 37285-65), pushrod length 13 1/2" (343mm)

233443 Fits 1938 thru 1965 (OEM 37285-38), pushrod length 13 1/4" (336.5mm)



KEN'S FACTORY PERFORMANCE CLUTCH PRESSURE PLATE

Ken's Factory performance clutch pressure plates are precision made from solid aluminum by Ken's Factory. Available in a "ribbed" and a "spiral" design with a polished finish or black anodized with clear cuts. They are a great help in preventing a slipping clutch because they do not flex and consequently also give a much smoother operating clutch. Can be used in combination with most stock and High Performance clutches on 1941 thru 1984 4-speed Big Twins.

747305 Ribbed design, blackanodized with clear cuts

747304 Spiral design, polished



SEAMLESS BEARING RETAINER WITH ROLLERS FOR BIG TWINS

Zodiac offers a complete roller/retainer assembly. Retainer is a high quality seamless pressing. Fits all Big Twins 1941 thru 1984 (OEM 37567-41A).

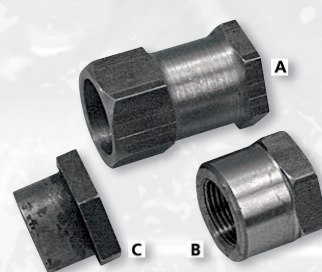
144495 Clutch hub retainer with rollers



BIG FIX CLUTCH BEARING KIT

The Big Fix clutch bearing kit will solve all your clutch dragging problems on 3- and 4-speed models without upgrading to a real high performance clutch.

144181 Fits 1941 thru 1984 Big Twin



REPLACEMENT CLUTCH HUB NUTS

High quality clutch nut, available for all Big Twin models from 1965 to present.

144485 [A] Fits 1965 thru 1984 (OEM 37496-65)

233496 [B] Fits 1984 thru 1989 (OEM 37496-84)

144486 [C] Fits 1990 to present (OEM 37496-90)

**CLUTCH PUSHRODS FOR LATE MODEL BIG TWINS**

A wide selection of American-made 3-piece clutch pushrods to fit all 5 Speed models from 1979-2006 and 4 Speed models with diaphragm clutch from late 1984-1986. Each piece is heat-treated where necessary. Sold each.

All late 1984 thru 1986 4 Speed Big Twin

- 233446** Right end (OEM 37089-84)
233451 Center piece (OEM 37285-84)
233448 Left end (OEM 37090-84)

All late 1984 5 Speed models

- 233446** Right end (OEM 37089-84)
233449 Center piece (OEM 37088-85)
233448 Left end (OEM 37090-84)

All 1979 thru early 1984 Big Twin

- 231862** Right end (OEM 37089-79)
231861 Center piece (OEM 37088-79)
231863 Left end (OEM 37090-79)

All late 1984 5 Speed Big Twin

- 233446** Right end (OEM 37089-84)
233447 Center piece (OEM 37088-84)
233448 Left end (OEM 37090-84)

All 1990 thru 1999 5 Speed Big Twin and 1999 thru 2006 5 Speed Twin Cam

- 789425** Right end, V-Twin Mfg. (OEM 37069-90)

Bearing retaining clip

- 233445** Throw-out bearing retaining clip, 10 pack (OEM 11096)

**EARLY STYLE THROW-OUT BEARING BIG TWIN**

Fits all 1939 thru early 1975 Big Twins.

- 144193** Throw-out bearing, Genuine Zodiac (OEM 37310-39)
789240 Throw-out bearing, Eastern USA (OEM 37310-39)

**CLUTCH RELEASE FINGER**

Clutch release fingers for 1936-1984 4-speed Big Twin and 1980-1986 5-speed Big Twin. The matching shaft fits both 4- and 5-speeds.

- 291256** Clutch release finger 4 Speed Big Twin models 1941 thru 1984 (OEM 37070-39)
238179 Clutch release finger 5 Speed Big Twin models 1980 thru 1986 (OEM 37084-79)
291258 Clutch release shaft 1941-1984 4 Speed and 1980-1986 5 Speed (OEM 34074-38A)

**CLUTCH PULL RODS AND END**

For use with Mousetrap, Suicide setup, and old style rocker clutch. All chrome finish.

- 114028** Pull rod, for use with Mousetrap/Suicide set up, rod length 22 3/8" (OEM 36918-52)
782686 Pull rod for use with Mousetrap clutch on 1965-1967 FL & FLH, rod length 19 3/4" (OEM 36918-65)
114027 Pull rod, for use with old-style rocker clutch, rod length 18 3/8" (OEM 36917-36)
114023 Rod end (OEM 36916-36 & 36916-52)

**CHROME CLUTCH RELEASE LEVER 4 SPEED**

Chrome plated replacement clutch release lever for late style 4 Speed Big Twins. Fits FL models 1979-1984 and FX models 1979-1985 (OEM 37054-79).

- 051253** Chrome clutch release lever 4 speed

**PUSHROD ADJUSTING SCREW AND LOCK NUT 1941-1984 BIG TWIN**

Clutch adjusting screw and lock nut for 1941 thru early 1984 Big Twin with the coil spring clutch. The version with the roller bearing is case hardened for maximum durability and is an inexpensive way to solve most problems caused by a worn out throw-out bearing. Order adjusting screw and lock nuts separately.

- 233438** [A.] Stock replacement adjusting screw (OEM 37357-41)
231559 [B.] Clutch pushrod adjusting screw with roller bearing
233439 [C.] Adjusting screw lock nut, galvanized, 10-pack (OEM 37361-41)
751022 [C.] Adjusting screw lock nut, galvanized, each (OEM 37361-41)
239465 [D.] Adjusting screw lock nut, black parkerized, Colony, each (OEM 37361-41)

**MOUSETRAP ELIMINATOR BRACKET**

Eliminates mousetrap linkage on pre-1968 models and converts them to the late model soft pull linkage. Use in combination with our clutch release lever (ZPN292060), clutch cable and handlebar clutch lever assy.

- 291228** Eliminator bracket

01	HELMETS, LUGGAGE, AUDIO & MORE
02	SEAT
03	EXHAUST
04	ELECTRIC & LIGHT
05	ENGINE ELECTRICS
06	INTAKE
07	ENGINE
08	PRIMARY
09	TRANSMISSION
10	FINAL DRIVE
11	WHEELS & TIRE
12	BRAKE
13	FOOT CONTROL
14	HANDLEBAR
15	FRONT SUSPENSION
16	CHASSIS/FRAME & SHOCKS
17	FENDER & STRUTS
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25	CROSS REF > ZPN
26	ALPHABETICAL INDEX



MOUSETRAP COVER FOR HARLEY FL

Chrome plated reproduction of the long obsolete Harley mousetrap mechanism cover. A perfect copy improved with a super chrome finish. Fits FL models 1952 thru 1967 (OEM 38495-52).

301381 Mouse trap cover

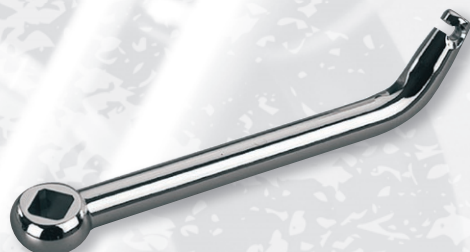


MOUSETRAP CLUTCH RELEASE LEVER

Clutch release lever, fits 1937-1984 4 Speed Big Twins (1968-1978 hand shift only). Must also be used when installing a Jockey shift conversion kit (OEM 37051-36 & 37052-65).

292061 Chrome, Genuine Zodiac

780220 Parkerized, V-Twin Mfg.



CLUTCH RELEASE LEVER 1941-1967

Fits all Big Twin 4 Speed transmissions. Will work with stock or Custom frame (OEM 37053-68).

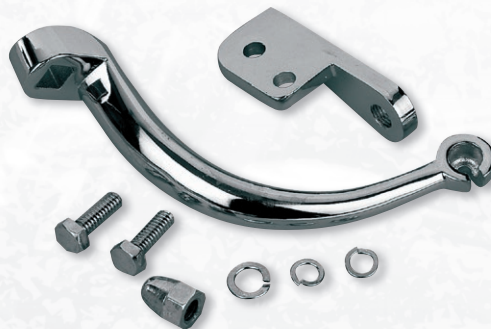
292060 Clutch release lever



HEAVY-DUTY CLUTCH RELEASE LEVER

Chrome plated and thicker than stock clutch release lever for 1968-early 1979 FL Big Twin and 1971-early 1979 FX Big Twin. Features a precision broach for the release finger stud.

051246 Heavy-Duty clutch release lever (OEM 37053-68)



CLUTCH RELEASE KIT FOR 5 SPEED MODELS 1980 THRU 1986

Another Zodiac Exclusive. This kit replaces the 4 separate OEM release arms that the factory has used since 1980. Replaces the stock release arm and cable bracket. Has forged release arm and die-cast cable bracket. Kit includes acorn nut, mounting hardware and has a beautiful chrome finish (OEM 37085-80, 37094-82, 37096-83 and 37096-85).

051228 Clutch release kit



CLUTCH CABLE SUPPORT BRACKET 5 SPEED BIG TWIN

Routes the clutch cable away from the cylinder heat and ensures the most correct alignment of cable and clutch lever. Will improve clutch cable life. Fits all 5 Speed models 1980 thru 2006. Can also be used for re-routing or tidying up cables on any bike.

114162 Clutch cable support bracket 5 Speed Big Twin



DAYTONA

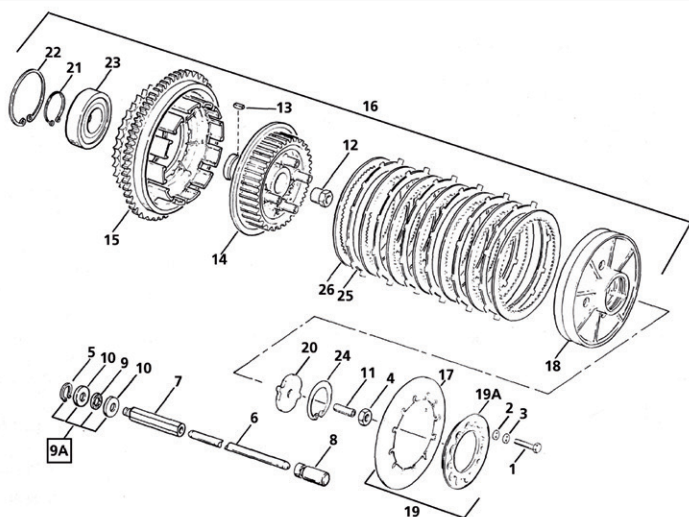
REPLACEMENT PARTS FOR 4-SPEED HYDRAULIC CLUTCH RELEASE ASSEMBLY

The complete hydraulic clutch kit for 4 speed Big Twins 1936 thru 1986 is no longer available, but we still carry most replacement parts.

231991 O-rings for release piston

231998 Release piston with O-rings

232273 Cup and O-ring for master cylinder



CLUTCH PARTS FOR 1984-1989 BIG TWIN

Pos.	ZPN	Description	OEM
1	742061	Bolt (4), 10-pack	2881W
2	-	Washer (4), 10-pack	6099
2	-	Washer (4)	6242W
3	743901	Lockwasher (4), 50-pack	7036
4	144702	Nut, Genuine Zodiac	7848W
4	711453	Nut, USA made, 5-pack	7848W
5	233445	Retaining ring, 10-pack	11096
6	233451	Push rod, clutch release, late 1984-1986	37285-84
6	233450	Push rod, clutch release, 1987-1989	37088-87
7	233446	Right side push rod end	37089-84
8	233448	Left side push rod end, late 1984-1986	37090-84
8	144700	Left side push rod end, 1987-1989	37090-84A
9	-	Bearing	37312-75
9A	144554	Bearing kit (Pos. 9 & 10)	-
10	-	Thrust washer (2)	37313-80
11	233495	Adjusting stud	37357-87
12	233496	Nut, main shaft clutch side, Bender USA	37496-84
12	782495	Nut, main shaft clutch side, Eastern USA	37496-84
13	144454	Key, clutch, late 1984, 10-pack	37523-15A
13	233482	Key, clutch, 1985-up, 10-pack	37523-85
14	144506	Clutch hub, inner, Genuine Zodiac	37550-84A
15	758539	Clutch shell with sprocket and ring gear, fits late 1984 FXRS, FXRT, FLHTC, late 1984-1985 FXST and 1985 FXEF	37702-84
15	148141	Clutch shell with sprocket and ring gear, Genuine Zodiac. Fits 1985 FXR, FXWG, FXSB and Touring models and all 1986 thru 1989 Evolution Big Twin	37707-84
15	789405	Clutch shell with bearing, sprocket and ring gear, V-Twin Mfg. Fits 1985 FXR, FXWG, FXSB and Touring models and all 1986 thru 1989 Evolution Big Twin	37707-84
16	-	Clutch assy	37800-84
17	238650	Diaphragm spring plate, Alto USA	37871-84
17	232505	Diaphragm spring plate, Heavy Duty, Barnett USA	37871-84
17	149424	Diaphragm spring plate, Heavy Duty, Genuine Zodiac	37871-84
18	782496	Pressure plate	37901-84A
19	233760	Adjuster plate with Pos. 17 & 19A, Barnett USA	37902-84A
19A	740569	Adjuster plate	37902-82, 37902-86B
20	239992	Release plate, center	37903-84
21	710900	Retaining ring, 10-pack	37904-84
21	239443	Retaining ring, each	37904-84
22	239991	Retaining ring, 10-pack	37905-84
23	239990	Bearing	37906-84
24	710899	Retaining ring, 10-pack	37907-84
25	238670	Friction disc, Alto USA (6)	37930-84A, 37931-84A
25	238636	Friction discs, set of 6, Alto USA	37930-84A, 37931-84A
25	238637	Friction discs, Aramid, set of 6, Alto USA	37930-84A, 37931-84A
25	232566	Friction discs, Kevlar, set of 6, Barnett USA	37930-84A, 37931-84A
25	721920	Friction discs, Carbon, set of 6, Barnett USA	37930-84A, 37931-84A
26	149416	Steel drive disc, Genuine Zodiac (7)	37975-84A

Pos.	ZPN	Description	OEM
26	232501	Steel drive disc, Barnett USA (7)	37975-84A
26	238671	Steel drive disc, Alto USA (7)	37975-84A
26	238648	Steel drive disc, set of 7, Alto USA	37975-84A



ALTO CLUTCH KIT FOR 1984-1989 BIG TWIN

Available as a kit of 6 bonded friction plates as well as single plates with either Alto "Red" or Aramid lining (OEM 37930-84).

238636 "Red" lining plate kit (set 6)

238637 Aramid lining plate kit (set 6)

238670 "Red" lining plate (each)



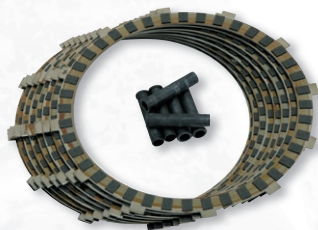
ALTO CARBONITE CLUTCH KIT FOR 1984-1989 BIG TWIN

Alto Products is one of the largest independent aftermarket manufacturers of clutch plates in the USA. As they are in business for more than 40 years, you can be sure that they know all ins and outs of clutches. They developed their Carbonite clutch kits specifically for High-Performance applications. This carbon fiber and nitrated-steel clutch set (hence the name "Carbonite") offers an enhanced initial friction value and enhanced lockup. The Carbonite's steel plates get the same special nitrate treatment as the cores from the bonded friction plates, aimed at preventing them from warping. The nitrated steel also cools and lubricates the clutch, improving the overall feel and performance. Carbonite clutch kits can be used wet or dry, but it's really best suited to wet applications. All kits feature an extra friction disc and an extra steel plate for increased torque taking capacity.

Fits late 1984-1989 Big Twin

711751 Complete clutch pack, contains 6 internally splined single sided Carbonite frictions, 6 externally splined Carbonite frictions and 1 double sided Carbonite friction

01
HELMETS,
LUGGAGE,
AUDIO & MORE02
SEAT03
EXHAUST04
ELECTRIC
& LIGHT05
ENGINE
ELECTRICS06
INTAKE07
ENGINE08
PRIMARY09
TRANSMISSION10
FINAL DRIVE11
WHEELS &
TIRE12
BRAKE13
FOOT
CONTROL14
HANDLEBAR15
FRONT
SUSPENSION16
CHASSIS/
FRAME
& SHOCKS17
FENDER
& STRUTS18
GAS TANK &
INSTRUMENT19
OIL TANK, FILTER
& LINE20
FASTENERS21
MIRROR22
WINDSHIELD23
OIL, CHEMICALS
& TOOLS24
TECHTIPS &
CROSS REF
> ZPN25
CROSS REF
ZPN > PAGE26
ALPHABETICAL
INDEX



BARNETT CARBON FIBER CLUTCH KITS

Barnett has always been number 1 of technology designing innovative clutches to meet the specific demands of street and racing motorcycles. The latest innovations are these Carbon Fiber clutches that provide high static and dynamic friction coefficient for smooth, positive engagement and release. They are designed for use in conjunction with OEM or Barnett steel drive plates. Available as kits that fit like stock, but also as "Extra-Plate" kits for use in High Performance applications.

Fits late 1984-1989 Big Twin

721920 Kit consists of 6 wider than stock Carbon Fiber lined friction plates that provide 25% greater surface contact area (OEM 37930-84)

Fits late 1984-1989 Big Twin. Can be used with OEM or aftermarket steel drive plates.

232566 Kit consists of 6 Kevlar bonded steel friction plates. The plates are wider than stock and provide 25% greater surface contact area (OEM 37930-84)



STEEL CLUTCH PLATE

Fits 1984-1989 Evolution Big Twin with diaphragm clutch. 7 used per bike (OEM 37975-84). Sold each.

149416 Steel disc

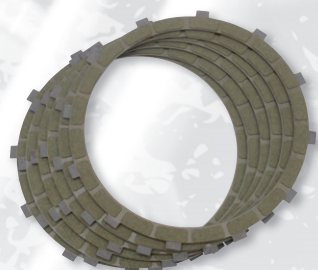


ALTO STEEL DRIVE PLATES FOR 1984 THRU 1989 BIG TWIN

Kit consists of 7 steel drive plates, which are also available separately. Plates are .047" (1.2mm) thick (OEM 37975-84A).

238648 Steel plate kit (7 plates)

238671 Steel plate (each)



"SERIES-K96" KEVLAR CLUTCH KITS

Barnett is leading the wave of the future with the development of these smooth working, long lasting "Series-K96 Kevlar" clutches. Test results show that Barnett's asbestos free "Series-K96" clutches lasted 12 times longer than asbestos clutches and 3 times longer than semi-metallic.



BARNETT STEEL DRIVE PLATES

Barnett steel drive plates are made of tough, high tensile steel to reduce warpage problems. Can be used in conjunction with OEM, Barnett or Zodiac friction plates.

Fits late 1984 thru 1989 Big Twins

232501 Steel drive plate, sold each, 7 used per bike (OEM 37975-84)



2 YEARS WARRANTY

INNER CLUTCH HUB

This replacement inner clutch hub includes an improved tapered sleeve to prevent it from splitting at the key-way as it would on the original design. Includes a clutch hub re-inforcement washer. Fits 1984 thru 1989 Evolution Big Twin models.

144506 Inner clutch hub (OEM 37550-84A)



ADJUSTER PLATE FOR 1984-1989 BIG TWIN CLUTCHES

Heavy-Duty, die cast adjuster plate, which minimizes wear factor. Can be used with OEM spring or any aftermarket spring. Fits 1984-1989 diaphragm clutches (OEM 37902-86).

740569 Adjuster plate



ALTO DIAPHRAGM SPRING PLATE FOR 1984 THRU 1989 BIG TWINS

This Heavy-Duty replacement diaphragm plate is designed for use with high powered engines. It provides a significant improvement in plate pressure without too much increase in lever pressure (OEM 37871-84).

238650 Alto diaphragm spring plate



BARNETT DIAPHRAGM CLUTCH SPRING FOR 1984-1989 BIG TWIN

Barnett's replacement spring for all diaphragm type clutch equipped Evolution Big-Twins 1984 thru 1989. Produces a significant increase in lever pressure. Strongly recommended for High Performance and competition engines (OEM 37902-84A).

232505 Diaphragm spring plate



REPLACEMENT CLUTCH PLATES FOR PRIMO PRO-CLUTCH

Over the years Primo/Riviera have changed the construction of stock replacement Pro-Clutches, as well as Pro-Clutches as supplied with Brute Classic, Brute III, and Brute IV belt drives. The early style Pro-Clutch had a clutch hub with integrated steel rear plate, the late style Pro-Clutch have a hub and separate rear plate. Please note that Pro-Clutches used for stock replacement and the Pro-Clutch as supplied with a Primo belt drive are NOT the same!



DIAPHRAGM CLUTCH SPRING

Heavy-Duty replacement spring plate for all diaphragm type clutch equipped Evolution Big Twins 1984 thru 1989. Strongly recommended for high performance and competition engines because of its significant increase in lever pressure (OEM 37871-84).

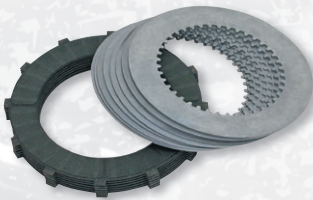
149424 Diaphragm spring plate



**For early style Pro-Clutch
PC-1100-C on 1986-1989 Evo Big
Twins. Needs 7 friction plates, 6
pcs. .047" thick steel drive plates
and 2 pcs. .080" steel drive plates**
232527 Friction plate
761005 .080" thick steel drive plate
761009 .047" thick steel drive plate
761031 Replacement clutch pack with
all steel and friction plates

Individual Parts:

232527 Friction plate
761005 .080" thick steel drive plate
761009 .047" thick steel drive plate
761011 .120" thick steel end plate



BARNETT CLUTCH KITS FOR PRIMO PRO-CLUTCH

Barnett has been at the forefront of motorcycle clutch design for over 40 years. Barnett clutches have won more races and set more records than any other brand made. Also when you have a Pro-Clutch installed, Barnett has a clutch for you. Barnett clutches are designed to operate smoothly and trouble free for mile after mile.

722392 Fits Pro-Clutch on late 1984 thru 1989 Evolution Big Twins, kit consists of 7 friction and 8 steel plates



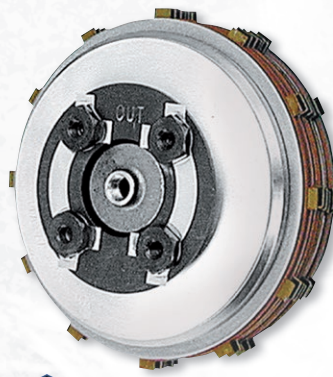
BARNETT "SCORPION" CLUTCH

Barnett Tool & Engineering developed these CNC machined billet steel and aluminum clutches as "The High Performance Clutch" for Harleys. The "Scorpion" clutch features over twice as much friction area compared to the stock clutch, and provides a smooth, linear, positive engagement and release for ease in finding neutral as well as smooth, positive shifting. Steel spacers on the clutch pack ends ensure no wear on the aluminum surfaces. The "Scorpion" clutch incorporates 6 Heavy-Duty coil springs instead of the stock diaphragm spring. In addition, Barnett includes extra spring sets to tune the clutch from Mild Street to wild race. Tune-ability is easy without the removal of the primary cover. The Barnett Scorpion clutch is designed for wet or semi-wet applications and is compatible with any primary oil. Can be fitted with standard tools, a special Scorpion clutch hub tool to ease removal is separately available, as well as clutch lock plates to lock the outer clutch basket to the inner hub.

722004 Fits late 1984 thru 1989 Evolution Big-Twin models

Replacement clutch packs with clutch friction plates and steel plates

232047 Fits Scorpion clutches on late 1984 thru 1989 Evolution Big-Twin models



PRIMO/RIVERA HIGH PERFORMANCE "PRO CLUTCH" CONVERSION

No matter if you have a original style primary chain drive or aftermarket belt drive, as long as a stock or OEM style clutch basket is used there is a very light operating "Pro Clutch" to fit. The Primo Pro Clutch is developed and tested on the Drag Strip. It has a much larger friction area and can handle more horsepower than any other clutch available today. Installation is quick and easy. Kits contain all parts needed to convert your present system to the advanced Pro-Clutch system. Most parts are separately available.

Conversion kits for 5 Speed Big Twin & Twin Cam models

701152 Complete Pro-Clutch, fits late 1984 thru 1989
761031 Replacement clutch pack with all steel and friction plates



OUTER CLUTCH SHELL

High quality replacement clutch shells with factory installed primary chain sprocket and ring gear. With the exception of ZPN 148141 these clutch shells also include the clutch shell bearing and retaining ring. A perfect reproduction of the Original Equipment part at a much more economical price.

148141 Fits 1985 FXR, FXWG, FXSB and Touring models and all 1986 thru 1990 Evolution Big Twin, Genuine Zodiac (OEM 37707-84). Order bearing ZPN 239990 separately

239990 Clutch hub bearing (OEM 37906-84)

789405 Fits 1985 FXR, FXWG, FXSB and Touring models and all 1986 thru 1990 Evolution Big Twin, V-Twin Mfg. (OEM 37707-84)



CLUTCH RETAINING RINGS FOR 1984-1989 BIG TWIN

Replacement retaining rings for the clutch of the 5 Speed Big Twin models.

710899 Clutch pressure plate retaining ring, fits Big Twin models 1984 thru 1989, 10 pack (OEM37907-84)

710900 External retaining ring for clutch bearing, fits Big Twin models 1984 thru 1989, 10 pack (OEM37904-84)



CLUTCH ADJUSTING SCREW

Clutch pushrod adjusting screw fits late 1984 thru 1997 Big Twins with diaphragm clutches (OEM 37357-84).

233495 Clutch adjusting screw (OEM 37357-84)

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



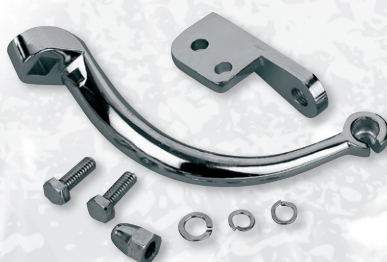
All late 1984 5 Speed models
233446 Right end (OEM 37089-84)
233449 Center piece (OEM 37088-85)
233448 Left end (OEM 37090-84)



All late 1984 5 Speed Big Twin
233446 Right end (OEM 37089-84)
233447 Center piece (OEM 37088-84)
233448 Left end (OEM 37090-84)

All 1987 thru 1989 5 Speed Big Twin
233446 Right end (OEM 37089-84)
233450 Center piece (OEM 37088-87)
233448 Left end (OEM 37090-84)

Bearing retaining clip
233445 Throw-out bearing retaining clip, 10 pack (OEM 11096)



CLUTCH RELEASE KIT FOR 5 SPEED MODELS 1980 THRU 1986
 Another Zodiac Exclusive. This kit replaces the 4 separate OEM release arms that the factory has used since 1980. Replaces the stock release arm and cable bracket. Has forged release arm and die-cast cable bracket. Kit includes acorn nut, mounting hardware and has a beautiful chrome finish (OEM 37085-80, 37094-82, 37096-83 and 37096-85).
051228 Clutch release kit

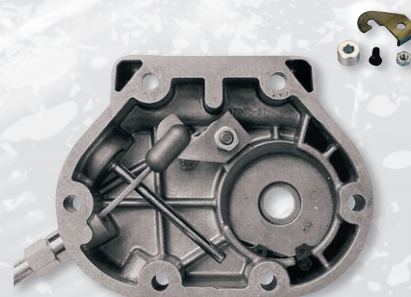


CLUTCH RELEASE KIT FOR 1987-2017 BIG TWIN
 These complete kits include inner ramp (OEM 25452-87A), outer ramp (OEM 25453-87A), cable coupling (OEM 34920-86A), ramp rollers (OEM 8873) and the retaining ring (OEM 10998). All parts are exactly made to OEM specifications. Fits all Evolution Big Twin models 1987-2000 and Twin Cam 1999-2017 with cable clutch.
144121 Clutch release kit

Replacement parts
238184 Retaining ring (OEM 10998)
238183 Ball, each (OEM 8873)



"PULL-EASY" CLUTCH OPERATION KIT
 Reduces the force required to operate the clutch lever with some 40%. Gives improved and smooth clutch control too. Fits out of sight inside transmission side cover where the clutch cable enters. Fitting instructions included.
131108 Fits 1987 thru 1999 Big Twin & Twin Cam and 1986-1990 Sportster, Genuine Zodiac
781038 Fits 2000 thru 2017 Twin Cam, V-Twin Mfg.



PROGRESSIVE SUSPENSION
"EASYBOY" LITE-CLUTCH BY PROGRESSIVE SUSPENSION

Progressive Suspension claims that the Easyboy Lite-Clutch reduces the manual effort required to pull the clutch lever by 40% which lessens rider fatigue and provides smoother easier clutch action. Ideal for women riders or those of us who constantly find themselves caught in a stop-and-go traffic. Installation instructions are included with each kit. Not suitable for models with hydraulic clutch.
144171 Fits Big Twin models 1987 thru 1999 and Sportster models 1986 thru 1990



MÜLLER POWER CLUTCH
 Müller's power clutch provides smoother and easier clutch lever operation. This is the perfect solution for everyone who experiences "heavy" clutch operation. Comes complete with instructions and all necessary hardware.
741237 Fits all Big Twin models 1987-2000, Twin Cam models 1999-2017 and Milwaukee Eight Softail 2018 to present
741546 Fits aftermarket Right Side Drive transmissions



HYDRAULIC CLUTCH FOR BIG TWIN & TWIN CAM
 Convert your stock cable operated clutch into an easy to operate hydraulic clutch that requires 30% less effort. Clutch conversion kits fit all cable clutch equipped 1987-2017 Touring, Softail and Dyna. Complete handlebar control kits fit single disc 1996-2010 Softail and 1999-2011 Dyna. Kits feature a slave cylinder that replaces the stock ball-and-ramp system in the clutch control cover on the right side of the transmission. Step-by-step installation instructions are also included to allow for an easy conversion. **Note:** Twin Cam models with the stock 6-speed transmission require a small modification on the inside of the stock clutch control cover.

Clutch conversion kits with line, slave cylinder and a clutch master cylinder with a smooth top
054107 Chrome
054108 Black

Complete handlebar control kits with switch housings that take the stock switches, line, slave cylinder and brake- and clutch master cylinders with ball milled top covers
054102 Chrome kit
054103 Black kit

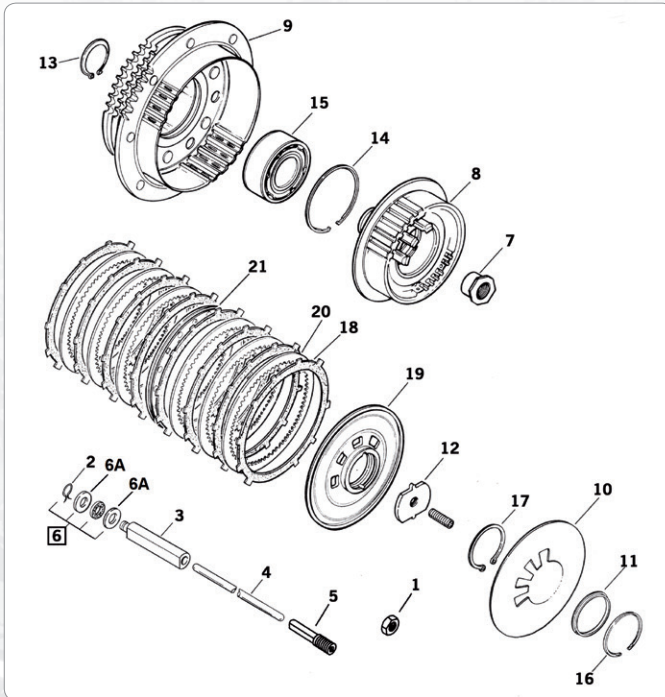
Replacement parts
054109 Clutch line with slave cylinder
053123 Replacement clutch lever
053127 Replacement clutch lever only, black
054110 Clutch master cylinder rebuild kit, 10.5mm bore

Brake master cylinder rebuild kit
144125 Fits 9/16" bore



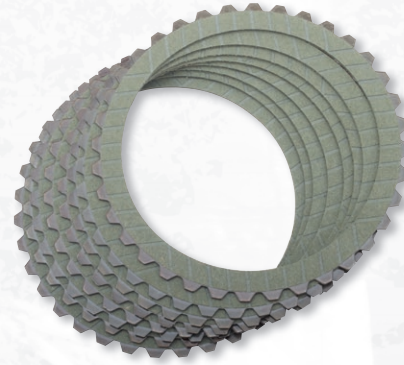
CLUTCH PUSHRODS FOR LATE 1984-1989 BIG TWIN
 A wide selection of American-made 3-piece clutch pushrods. Each piece is heat-treated where necessary. Sold each.





CLUTCH PARTS FOR 1990 THRU 1997 BIG TWIN

Pos.	ZPN	Description	OEM
1	144702	Jam nut	7848W
	711453	Jam nut, USA made, dealer 5-pack	-
2	233445	Retaining clip, dealer 10-pack	11096
3	370186	Push rod end, right side, Genuine Zodiac	37069-90
	789425	Push rod end, right side, V-Twin Mfg.	37069-90
4	233530	Push rod	37088-90
5	144700	Push rod end, left side	37090-84A
6	144554	Push rod bearing kit	37312-74
6A	232160	Thrust washer (2), 5-pack	37313-80
7	144486	Mainshaft nut	37496-90
8	148109	Inner clutch hub	37550-90A
9	148108	Clutch shell 1991-1993	37707-90
	148111	Clutch shell 1994-1997	37707-94
10	149425	Diaphragm clutch spring	37871-90
	232538	Heavy Duty diaphragm clutch spring, Barnett	37871-90
	761017	Extra Heavy Duty diaphragm clutch spring	37871-90
11	370184	Clutch spring seat, Zodiac	37872-90
12	144123	Clutch release plate	37903-90
13	370183	Clutch housing retaining ring, Zodiac	37904-90
	710903	Clutch housing retaining ring, dealer 10-pack	37904-90
14	239448	Retaining ring	37905-90
15	239903	Bearing, double row	37906-90
16	370181	Diaphragm retaining ring, Zodiac	37908-90
17	370185	Pressure plate retaining ring, Zodiac	37909-90
	239381	Pressure plate retaining ring, USA made	37909-90
18	144408	Clutch friction discs, set of 8, Zodiac Kevlar	37911-90
	238659	Clutch friction disc, Alto "Red"	37911-90
	710195	Clutch friction disc, Alto Aramid	37911-90
	238638	Friction disc set of 8, Alto "Red"	37911-90
	238639	Friction disc set of 8, Alto Aramid	37911-90
	721921	Performance clutch kit, 8 Barnett Carbon friction discs	37911-90
	232507	"Extra Plate" clutch kit, 9 Barnett Kevlar friction discs and 8 steel discs	37911-90
	721922	"Extra Plate" clutch kit, 9 Barnett Carbon friction discs and 8 steel discs	37911-90
19	149400	Clutch pressure plate	37912-90, 37912-91
	751224	Clutch pressure plate, billet aluminum, Barnett	37912-90, 37912-91
20	144404	Steel drive plate, kit of 6, Zodiac	37913-90
	238660	Steel plate, Alto	37913-90
	232569	Steel plate, Barnett	37913-90
	238643	Steel plates, set of 8, Alto	37913-90
21	144173	Spring separator plate	37977-90
	238669	Spring separator plate, Alto USA	37977-90
	711749	Heavy-Duty spring separator plate, Alto USA	37977-90



ZODIAC'S KEVLAR CLUTCH KIT

Clutch plates feature Kevlar lining for improved strength, thermal stability and wear resistance.

1990-1997 Big Twin

144408 Kevlar clutch kit with 8 lined friction discs (OEM 37911-90)



ALTO CLUTCH KIT FOR 1990-1997 BIG TWIN

Available as a kit that consists of 8 friction plates or as single plates with either Red or Kevlar lining (OEM 37910-90 & 37911-90).

238638 "Red" lining plate kit (set 8)

238639 Aramid lining plate kit (set 8)

238659 "Red" lining plate (each)

710195 Aramid lining plate (each)



"SERIES-K96" KEVLAR CLUTCH KITS

Barnett is leading the wave of the future with the development of these smooth working, long lasting "Series-K96 Kevlar" clutches. Test results show that Barnett's asbestos free "Series-K96" clutches lasted 12 times longer than asbestos clutches and 3 times longer than semi-metallic.

Fits 1990-1997 Big Twin. Can be used with OEM or aftermarket steel drive plates.

232567 Consists of 8 Kevlar friction plates (OEM 37910-90 and 37911-90)

01
HELMETS,
LUGGAGE,
AUDIO & MORE

02
SEAT

03
EXHAUST

04
ELECTRIC
& LIGHT

05
ENGINE
ELECTRICS

06
INTAKE

07
ENGINE

08
PRIMARY

09
TRANSMISSION

10
FINAL DRIVE

11
WHEELS &
TIRE

12
BRAKE

13
FOOT
CONTROL

14
HANDLEBAR

15
FRONT
SUSPENSION

16
CHASSIS/
FRAME
& SHOCKS

17
FENDER
& STRUTS

18
GAS TANK &
INSTRUMENT

19
OIL TANK, FILTER
& LINE

20
FASTENERS

21
MIRROR

22
WINDSHIELD

23
OIL, CHEMICALS
& TOOLS

24
TECHTIPS &
CROSS REF
> ZPN

25
CROSS REF
ZPN > PAGE

26
ALPHABETICAL
INDEX



"SERIES-K96" KEVLAR EXTRAPLATE CLUTCH KITS

All the advantages from the new "Series-K96 Kevlar" material and more. Barnett has developed these kits for performance motors and those who need extra clutch control. The "trick" is to increase the friction surface by adding an extra friction and drive plate. And when there is space enough, Barnett has even increased the friction surface per plate as well. "Extra-Plate" clutch kits install like a stock clutch and include all required parts.

Fits 1990-1997 Evolution Big Twin

232507 Complete High-Performance kit with 9 friction plates and 8 steel drive plates. Installs like stock and adds 12% clutch surface area.



BARNETT STEEL DRIVE PLATES

Barnett steel drive plates are made of tough, high tensile steel to reduce warpage problems. Can be used in conjunction with OEM, Barnett or Zodiac friction plates.

Fits 1990 thru 1997 Big Twins

232569 Steel drive plate, sold each, 8 used per bike (OEM 37913-90)



NEW

EXTRA HEAVY-DUTY DIAPHRAGM CLUTCH SPRING

For use with real muscle motors, Zodiac offers you this ultra high performance diaphragm clutch spring. Please note, we do not recommend this spring for street use to it's increased hand-effort requirements and maximized clutch pack pressure. We recommend it "for competition only" applications. If you are making lots of horsepower, this is the spring for you. Will fit 1990 thru 1997 Big Twin, 1991 to present Sportster and Buell models.

761017 American Prime, Extra Heavy Duty, 40% stronger than stock, for competition use only



STEEL CLUTCH PLATES

Exact reproduction of the steel plates as used in 1990 thru 1997 Big Twins and 1991 to present Sportster models. Sold in sets of 6 for stock applications, as well as sets of 8 for use with high-performance Extra-Plate clutch kits.

144404 Steel clutch plates, set of 6 (OEM 37913-90)

144405 Steel clutch plates, set of 8 (OEM 37913-90)



HEAVY-DUTY CLUTCH SPRING

Heavy-Duty replacement spring for 1990 thru 1997 Big Twins and 1991 to present Sportsters. These springs are 25% stronger than stock and are strongly recommended for high performance and competition use.

761016 American Prime, 15% stronger than stock

149429 Genuine Zodiac, 25% stronger than stock



INNER CLUTCH HUB FOR 1990 THRU 2006 BIG TWINS

Improved inner clutch hubs for the late 5 Speed Big Twin models. Manufactured to tight tolerances from high grade aluminum alloy. The center is "cast-in" to stop it from coming loose. Available for Evolution Big Twin models from 1990 thru 1997 as well as for 1998 thru 1999 Evolution Big Twins and 1999 thru 2006 Twin Cam models.

148109 Fits 1990 thru 1997 Evolution Big Twins (OEM 37550-90A)

148116 Fits 1998 thru 1999 Evolution Big Twins and 1999 thru 2006 Twin Cam models, except 2006 Dyna (OEM 37550-98)



ALTO STEEL DRIVE PLATES FOR 1990 THRU 1997 BIG TWIN

Kit of 8 steel drive plates. Thickness of plates is .063" (1.6mm). Plates are also available separately (OEM 37913-90).

238643 Steel plate kit (set 8)

238660 Steel plate (each)



DOUBLE ROW CLUTCH BEARING

Replacement clutch housing bearing.

239903 Fits 1990 thru 2010 Evolution Big Twin & Twin Cam (OEM 37906-90)



**CLUTCH RETAINING RINGS**

Replacement retaining rings for the clutch.

239381 Clutch pressure plate retaining ring, fits Big Twin models 1990 to present, 5-pack (OEM 37909-90)

370185 Clutch pressure plate retaining ring, fits Big Twin models 1990 to present (OEM 37909-90)

710903 External retaining ring for clutch bearing, fits Big Twin models 1990 to present, 10 pack (OEM 37904-90)

370183 External retaining ring for clutch bearing, fits Big Twin models 1990 to present (OEM 37904-90)

**OUTER CLUTCH SHELL**

High quality replacement clutch shells with factory installed primary chain sprocket and ring gear. With the exception of ZPN 148141 these clutch shells also include the clutch shell bearing and retaining ring. A perfect reproduction of the Original Equipment part at a much more economical price.

148141 Fits 1985 FXR, FXWG, FXSB and Touring models and all 1986 thru 1990 Evolution Big Twin, Genuine Zodiac (OEM 37707-84). Order bearing ZPN 239990 separately

239990 Clutch hub bearing (OEM 37906-84)

789405 Fits 1985 FXR, FXWG, FXSB and Touring models and all 1986 thru 1990 Evolution Big Twin, V-Twin Mfg. (OEM 37707-84)

148108 Fits 1991 thru 1993 Evolution Big Twins, Genuine Zodiac (OEM 37707-90)

148111 Fits 1994 thru 1997 Evolution Big Twins, Genuine Zodiac (OEM 37707-94)

**EASY START CLUTCH SHELL**

These high quality replacement clutch shells come with a 66 tooth starter ring gear and 9 tooth starter motor pinion gear to improve starting on high compression and Big Inch engines. Feature factory installed bearing and bearing retaining ring, and take stock style clutch hub and clutch discs.

148150 Easy Start clutch shell with 66 tooth ring gear and 9 tooth starter motor pinion gear. Fits 1994 thru 1997 Evolution Big Twins, Genuine Zodiac

**PRO-MAX HIGH PERFORMANCE RACE CLUTCH KITS**

These high performance clutch kits are designed to drop into the stock clutch basket yet provide increased clutch friction area and smooth, linear engagement. They are supplied with 3 sets of coil-type clutch springs that allow you to tune your clutch to any engine performance from stock to extremely wild and anything in between. Kits feature a billet aluminum clutch pressure plate with a steel liner plate, extra wide friction discs for maximum contact area and matching extra wide steel clutch discs.

Fits 1990-1997 FXR, Softail, Touring and Dyna models

Works with stock cable operated clutch mechanism, as well as most aftermarket hydraulic clutch conversion kits.

144415 Pro-Max High performance clutch

**ZODIAC'S HIGH PERFORMANCE CLUTCH**

These complete and ready to install High Performance clutches feature Kevlar clutch friction discs and are very competitively priced. All parts are also available individually and are fully interchangeable with OEM parts. Replacement parts are listed elsewhere in this chapter. Complete High Performance clutches include clutch basket with installed starter ring gear, clutch basket bearing and retaining rings, clutch hub, Kevlar friction discs, steel discs pressure plate, diaphragm spring and clutch adjuster plate. Available for all 1990 thru 2006 Big Twin models, except 2006 Dyna.

210520 Fits 1990 thru 1993 Big Twin

210521 Fits 1994 thru 1997 Big Twin

**RIVERA TPP VARIABLE PRESSURE PLATE**

This variable pressure plate assembly increases pressure at higher RPM. Less effort is required to pull the clutch lever while shifting. Under the influence of high horsepower a dramatic increase in clutching power is obtained. Up to 60% more clutch pack compression allows to use a lighter diaphragm clutch spring. These TPP Variable Clutches are only to be used in combination with our Rivera Pro Clutches. TPP Variable Clutches for other applications are listed separately.

722979 Variable Pressure Plate for diaphragm spring equipped High Performance clutch on 1936-early 1984 Big Twin

722543 Fits Primo/Rivera Pro-Clutch and APM Competition Master clutch on 1990-1997 Big Twin

722967 Fits Pro-Clutch on 1998 and 1999 Big Twin and 1999 thru 2006 Twin Cam, except 2006 Dyna

722977 Fits Pro-Clutch on 2006 Dyna and 2007 thru 2017 Twin Cam

01
HELMETS,
LUGGAGE,
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02
SEAT

03
EXHAUST

04
ELECTRIC
& LIGHT

05
ENGINE
ELECTRICS

06
INTAKE

07
ENGINE

08
PRIMARY

09
TRANSMISSION

10
FINAL DRIVE

11
WHEELS &
TIRE

12
BRAKE

13
FOOT
CONTROL

14
HANDLEBAR

15
FRONT
SUSPENSION

16
CHASSIS/
FRAME &
SHOCKS

17
FENDER
& STRUTS

18
GAS TANK &
INSTRUMENT

19
OIL TANK, FILTER
& LINE

20
FASTENERS

21
MIRROR

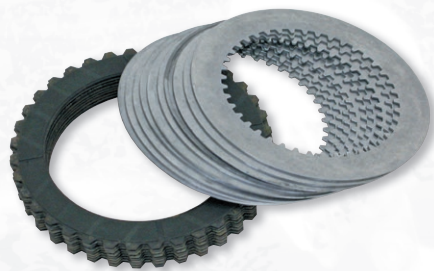
22
WINDSHIELD

23
OIL, CHEMICALS
& TOOLS

24
TECHTIPS &
CROSS REF
> ZPN

25
CROSS REF
ZPN > PAGE

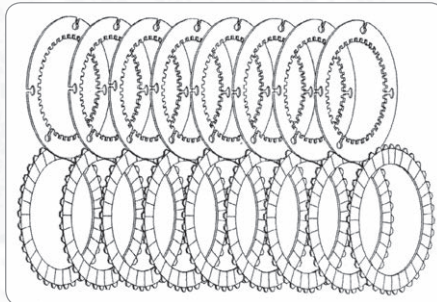
26
ALPHABETICAL
INDEX



BARNETT CLUTCH KITS FOR PRIMO PRO-CLUTCH

Barnett has been at the forefront of motorcycle clutch design for over 40 years. Barnett clutches have won more races and set more records than any other brand made. Also when you have a Pro-Clutch installed, Barnett has a clutch for you. Barnett clutches are designed to operate smoothly and trouble free for mile after mile.

722393 Fits Pro-Clutch on 1990 thru 1997 Evolution Big Twins, kit consists of 9 friction and 10 steel plates



NEW

REPLACEMENT CLUTCH PLATES FOR PRIMO PRO-CLUTCH

Over the years Primo/Rivera have changed the construction of stock replacement Pro-Clutches. The early style Pro-Clutch had a clutch hub with integrated steel rear plate, the late style Pro-Clutch have a hub and separate rear plate. Please note that Pro-Clutches used for stock replacement and the Pro-Clutch as supplied with a Primo belt drive are NOT the same!

For Pro-Clutch on 1990-1997 Evo Big Twins. Kit contains 9 friction plates, a .120" thick steel drive plate, 6 or 7 pcs. .047" thick steel drive plates, and 2 or 3 pcs. .080" thick steel drive plates to achieve a correct pack height. The .120" thick plate is not used on early style Pro Clutches

761022 Replacement clutch pack with all steel and friction plates

761012 Friction plate

761010 .047" thick steel drive plate

761008 .120" thick steel end plate



NEW

COMPETITION MASTER CLUTCH KITS BY AMERICAN PRIME MANUFACTURING

American Prime Manufacturing was founded in 2018 by industry veteran Ben Kudon. This company prides itself on providing three things everyday: Performance, Quality and Service. Their Competition Master Clutch kits bolt straight into the OEM clutch basket and give you a clutch that is capable to take every foot-pound or Newton you can get out of your V-Twin. All American Prime parts are fully interchangeable with Rivera Primo parts of the same type and application. Consequently, a Competition Master clutch is the perfect alternative for a Pro-Clutch.

761027 Competition Master clutch kit, fits 1990-1997 Evolution Big Twin

761022 Replacement clutch pack with all steel and friction plates



BARNETT "SCORPION" CLUTCH

Barnett Tool & Engineering developed these CNC machined billet steel and aluminum clutches as "The High Performance Clutch" for Harleys. The "Scorpion" clutch features over twice as much friction area compared to the stock clutch, and provides a smooth, linear, positive engagement and release for ease in finding neutral as well as smooth, positive shifting. Steel spacers on the clutch pack ends ensure no wear on the aluminum surfaces. The "Scorpion" clutch incorporates 6 Heavy-Duty coil springs instead of the stock diaphragm spring. In addition, Barnett includes extra spring sets to tune the clutch from Mild Street to wild race. Tune-ability is easy without the removal of the primary cover. The Barnett Scorpion clutch is designed for wet or semi-wet applications and is compatible with any primary oil. Can be fitted with standard tools, a special Scorpion clutch hub tool to ease removal is separately available, as well as clutch lock plates to lock the outer clutch basket to the inner hub.

722000 Fits 1990 thru 1997 Evolution Big-Twin models

Replacement clutch packs with clutch friction plates and steel plates

232515 Fits Scorpion clutches on 1990 thru 1997 Evolution Big-Twin models



BARNETT SCORPION LOCK-UP CLUTCHES

Barnett Scorpion Billet Lock-Up clutches progressively increase pressure as RPM's increase. Easily adjustable by adding or subtracting weights on the 6 pressure arms. Barnett claims these are the ultimate in performance for your American V-Twin. Whether your bike is stock or modified- street or strip- the Scorpion has what it takes to get the job done and look good doing it. These Scorpion Billet Clutches feature a 100% or more increase in clutch surface area (compared to stock) and include a CNC machined billet aluminum pressure plate, friction plates, steel plates, a steel inner hub, and additional sets of coil springs to allow you to tune your clutch to your needs. The Scorpion can also be run wet or dry in an open or enclosed primary. These Scorpion Lock-Up clutches work with an open primary, or closed primary when used in conjunction with Barnett's Scorpion primary covers as found elsewhere in this catalog.

751205 Fits 1990 thru 1997 Big Twin



BARNETT LOCK-UP KITS FOR SCORPION CLUTCHES

These lock-up kits are designed as a direct bolt-on on existing Scorpion clutches with an open primary, or closed primary when used in conjunction with Barnett's Scorpion primary covers as found elsewhere in this catalog. Lock-up kits progressively increase pressure as RPM's increase. Easily adjustable by adding or subtracting weights on the 6 pressure arms. Barnett lock-up kits are CNC machined from 6061-T6 billet aluminum.

751206 Fits Scorpion clutch on 1990 thru 1997 Big-Twin



BARNETT'S SCORPION CLUTCH BASKETS

Barnett Scorpion one-piece clutch baskets are precision machined from 7075 aluminum and hard anodized. They are designed for use with a stock or Barnett Scorpion clutch to give you all the advantages of the latest clutch technology. A matching pinion gear or starter jack shaft kit must be ordered separately when you opt for a clutch basket with an other than stock size starter ring gear.

Fits 1990 thru 1997 Big Twin for use with a 1990 thru 1997 stock style or Scorpion clutch

- 737107** With 102 tooth ring gear and 36 tooth chain sprocket. Use on 1990 thru 1993 with late style fit pinion gear or starter jackshaft
- 737108** With 102 tooth ring gear and 37 tooth chain sprocket. Use on 1990 thru 1993 with late style fit pinion gear or starter jackshaft
- 737109** With 84 tooth ring gear and 36 tooth chain sprocket. Use with retro-fit pinion gear or starter jackshaft
- 737110** With 84 tooth ring gear and 37 tooth chain sprocket. Use with retro-fit pinion gear or starter jackshaft
- 737111** With 66 tooth ring gear and 36 tooth chain sprocket. Use on 1994 thru 1997 with retro fit pinion gear or starter jackshaft
- 737112** With 66 tooth ring gear and 37 tooth chain sprocket

Fits 1990 thru 1993 Big Twin, for use a 1998 thru 2006 stock style or Scorpion clutch

- 737102** With 102 tooth ring gear and 37 tooth chain sprocket. Use with retro-fit pinion gear or starter jackshaft
- 737104** With 84 tooth ring gear and 37 tooth chain sprocket. Use with retro-fit pinion gear or starter jackshaft
- 737106** With 66 tooth ring gear and 37 tooth chain sprocket

Fits 1994 thru 2006 Big Twin for use with a 1998 thru 2006 stock style or Scorpion clutch.

Does not fit 2006 Dyna

- 737101** With 102 tooth ring gear and 36 tooth chain sprocket
- 737103** With 84 tooth ring gear and 36 tooth chain sprocket. Use with retro-fit pinion gear or starter jackshaft
- 737105** With 66 tooth ring gear and 36 tooth chain sprocket. Use with retro-fit pinion gear or starter jackshaft

Complete starter jack shaft assemblies fit all 1994 thru 2006 Big Twins, except 2006 Dyna

- 737119** For use with 66 tooth ring gear
- 737120** For use with 84 tooth ring gear

Pinion gears

- 737122** For use with 66 tooth ring gear on all 1990 thru 2006 Big Twin, except 2006 Dyna
- 737123** For use with 84 tooth ring gear on all 1990 thru 1993 Big Twin
- 737124** For use with 84 tooth ring gear on all 1994 thru 2006 Big Twin, except 2006 Dyna
- 737126** For use with 102 tooth ring gear on all 1994 thru 2006 Big Twin, except 2006 Dyna



BARNETT STARTER RING & PINION GEARS

Barnett starter ring gears are made from aircraft quality hardened 820 steel with a black oxide finish. Pinion gears are heat treated.

Ring gear conversion kits for OEM clutch baskets

Include ring gear and bolts, matching jackshaft assembly or pinion gear must be ordered separately.

- 737114** Fits 1990 thru 1997 Big Twin, 66 tooth
- 737116** Fits 1990 thru 1993 Big Twin, 84 tooth
- 737117** Fits 1994 thru 1997 Big Twin, 84 tooth

Complete starter jack shaft assemblies fit all 1994 thru 2006 Big Twins, except 2006 Dyna

- 737119** For use with 66 tooth ring gear
- 737120** For use with 84 tooth ring gear

Pinion gears

- 737122** For use with 66 tooth ring gear on all 1990 thru 2006 Big Twin, except 2006 Dyna
- 737123** For use with 84 tooth ring gear on all 1990 thru 1993 Big Twin
- 737124** For use with 84 tooth ring gear on all 1994 thru 2006 Big Twin, except 2006 Dyna
- 737126** For use with 102 tooth ring gear on all 1994 thru 2006 Big Twin, except 2006 Dyna

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



ZODIAC'S STARTER RING GEARS

Starter ring gears often wear out as a result of "Hard to Start" High Performance engines. Ring gears are not available as a replacement part from "The Factory". As a supplier of High Performance engines we had these replacement starter ring gears manufactured. Saves you from replacing the entire clutch basket and ring gear assembly when you chipped a tooth from your starter ring. The required rivets or bolts are included. Gears are manufactured from top-grade materials. Ring gears are available in the stock replacement but also in a "Retro-Fit" style. The Retro fit style has 66 tooth and must be used with a special starter motor pinion gear ZPN290546.



STARTER RING GEARS

Now you don't have to replace the entire clutch basket and ring gear assembly when you chipped a tooth on your starter ring on your 1990 or later Evolution Big Twin or Twin Cam. These ring gears bolt-on in minutes and are manufactured from top-grade materials for a very long service life. Available for 1990 thru 1999 Evolution Big Twin, and 1999 to present Twin Cam.

232228 Fits 1990 thru 1993 Big Twin (66 teeth)

232229 Fits 1994 thru 1997 Big Twin (102 teeth)



Stock replacement starter ring gears

148158 Rivet-on style, fits 1990 thru 1993 Big Twin (66 teeth), retro fit for 1994 thru 1997 Big Twin

148138 Bolt-on style, fits 1990 thru 1993 Big Twin (66 teeth), retro fit for 1994 thru 1997 Big Twin

148159 Rivet-on style, fits 1994 thru 1997 Big Twin (102 teeth)

148130 Bolt-on style, fits 1994 thru 1997 Big Twin (102 teeth)



PRIMO'S RETRO-FIT STARTER MOTOR PINION GEAR FOR 1994-1997 BIG TWINS

This retro-fit starter motor pinion gear is uniquely designed and manufactured to be compatible with 1994-2016 starter extension assemblies only, while allowing the use of the much stronger 1990 thru 1993 style 66 tooth ring gear. A must for Big Cubic Inch and High Performance motors as these put additional stress on these critical components, particularly when the motor back-fires during start-up. Pinion gear and starter ring must be ordered separately.

232189 Retro-fit starter motor pinion gear

232228 Retro-fit starter ring gear for 1994 thru 1997 Big Twin (66 teeth)



Retro-fit starter ring gears
Fits 1998 thru 2006 Big Twin's, except 2006 Dyna, must be installed in conjunction with a "Retro-Fit" starter motor pinion gear ZPN290546 that must be purchased separately.

148164 Rivet-on Retro-fit starter ring gear (66 teeth)

148165 Bolt-on Retro-fit starter ring gear (66 teeth)

290546 Retro-fit starter motor pinion gear



CLUTCH ADJUSTING SCREW

Clutch pushrod adjusting screw fits late 1984 thru 1997 Big Twins with diaphragm clutches (OEM 37357-84).

233495 Clutch adjusting screw (OEM 37357-84)



CLUTCH PUSHRODS FOR LATE MODEL BIG TWINS

American-made 3-piece clutch pushrods. Each piece is heat-treated where necessary. Sold each.

All 1990 thru 1999 5 Speed Big Twin and 1999 thru 2006 5 Speed Twin Cam

370186 Right end, Genuine Zodiac (OEM 37069-90)

789425 Right end, V-Twin Mfg. (OEM 37069-90)

233530 Center piece (OEM 37088-90)

233448 Left end (OEM 37090-84)

Bearing retaining clip

233445 Throw-out bearing retaining clip, 10 pack (OEM 11096)



T.P.P. SUPER LIGHT WORKING PERFORMANCE CLUTCH FOR 1990-1997 BIG TWIN

When you feel that it takes too much from your hand to pull the clutch the Variable Pressure Clutch (VPC) is the ultimate solution. The VPC gives you reduced spring pressure at idle, but when revving up the bob weights use centrifugal force to put more pressure on the clutch than you could ever achieve with a High Performance clutch spring. It makes for easy clutch lever work from idle to 3,000 RPM, the area where most people need to pull their clutch to shift gear. Some Variable Pressure Clutch features:

- Centrifugal force on the bob weights works like a Lock Up clutch
- Reduces required clutch lever force up to 40% at idle on stock engines
- Improved clutch engagement when revving up
- Better clutch disengagement and feel
- Easier to find neutral
- Installation requires a clutch spring compressor ZPN 210080 (OEM 38515-90) and removal and re-installation of the primary cover
- 1990-1993 Touring & FXR may require removal of some material from the inside of the primary cover
- Clutch pull becomes heavier when RPM increases

Fits all 1990-1997 Dyna, FXR, Softail and Touring

712106 For stock engines, gives 40% lever effort reduction. Includes 190lbs diaphragm spring

712107 For mildly tuned engines, gives 20% lever effort reduction. Includes 240lbs diaphragm spring

712108 For highly tuned engines, gives no lever effort reduction. Install with stock diaphragm spring

Replacement diaphragm springs

712123 Diaphragm spring for stock applications, 190lbs

712130 Diaphragm spring for mildly tuned engines, 240lbs. Can also be used to upgrade existing VPC for use in mildly tuned engines

For High Performance clutches

722543 Fits Primo/Rivera Pro-Clutch and APM Competitor Master clutch on 1990-1997 Big Twin



"PULL-EASY" CLUTCH OPERATION KIT

Reduces the force required to operate the clutch lever with some 40%. Gives improved and smooth clutch control too. Fits out of sight inside transmission side cover where the clutch cable enters. Fitting instructions included.

131108 Fits 1987 thru 1999 Big Twin & Twin Cam and 1986-1990 Sportster, Genuine Zodiac



MÜLLER POWER CLUTCH

Müller's power clutch provides smoother and easier clutch lever operation. This is the perfect solution for everyone who experiences "heavy" clutch operation. Comes complete with instructions and all necessary hardware.

741237 Fits all Big Twin models 1987-2000, Twin Cam models 1999-2017 and Milwaukee Eight Softail 2018 to present

741546 Fits aftermarket Right Side Drive transmissions



"EASYBOY" LITE-CLUTCH BY PROGRESSIVE SUSPENSION

Progressive Suspension claims that the Easyboy Lite-Clutch reduces the manual effort required to pull the clutch lever by 40% which lessens rider fatigue and provides smoother easier clutch action. Ideal for women riders or those of us who constantly find themselves caught in a stop-and-go traffic. Installation instructions are included with each kit. Not suitable for models with hydraulic clutch.

144171 Fits Big Twin models 1987 thru 1999 and Sportster models 1986 thru 1990



CLUTCH RELEASE KIT FOR 1987-2017 BIG TWIN

These complete kits include inner ramp (OEM 25452-87A), outer ramp (OEM 25453-87A), cable coupling (OEM 34920-86A), ramp rollers (OEM 8873) and the retaining ring (OEM 10998). All parts are exactly made to OEM specifications. Fits all Evolution Big Twin models 1987-2000 and Twin Cam 1999-2017 with cable clutch.

144121 Clutch release kit

Replacement parts

238184 Retaining ring (OEM 10998)

238183 Ball, each (OEM 8873)



HYDRAULIC CLUTCH FOR BIG TWIN & TWIN CAM

Convert your stock cable operated clutch into an easy to operate hydraulic clutch that requires 30% less effort. Clutch conversion kits fit all cable clutch equipped 1987-2017 Touring, Softail and Dyna. Complete handlebar control kits fit single disc 1996-2010 Softail and 1999-2011 Dyna. Kits feature a slave cylinder that replaces the stock ball-and-ramp system in the clutch control cover on the right side of the transmission. Step-by-step installation instructions are also included to allow for an easy conversion.

Note: Twin Cam models with the stock 6-speed transmission require a small modification on the inside of the stock clutch control cover.

Clutch conversion kits with line, slave cylinder and a clutch master cylinder with a smooth top

054107 Chrome

054108 Black

Complete handlebar control kits with switch housings that take the stock switches, line, slave cylinder and brake- and clutch master cylinders with ball milled top covers

054102 Chrome kit

054103 Black kit

Replacement parts

054109 Clutch line with slave cylinder

053123 Replacement clutch lever

053127 Replacement clutch lever only, black

054110 Clutch master cylinder rebuild kit, 10.5mm bore

Brake master cylinder rebuild kit

144125 Fits 9/16" bore

01
HELMETS,
LUGGAGE,
AUDIO & MORE

02
SEAT

03
EXHAUST

04
ELECTRIC
& LIGHT

05
ENGINE
ELECTRICS

06
INTAKE

07
ENGINE

08
PRIMARY

09
TRANSMISSION

10
FINAL DRIVE

11
WHEELS &
TIRE

12
BRAKE

13
FOOT
CONTROL

14
HANDLEBAR

15
FRONT
SUSPENSION

16
CHASSIS/
FRAME
& SHOCKS

17
FENDER
& STRUTS

18
GAS TANK &
INSTRUMENT

19
OIL TANK, FILTER
& LINE

20
FASTENERS

21
MIRROR

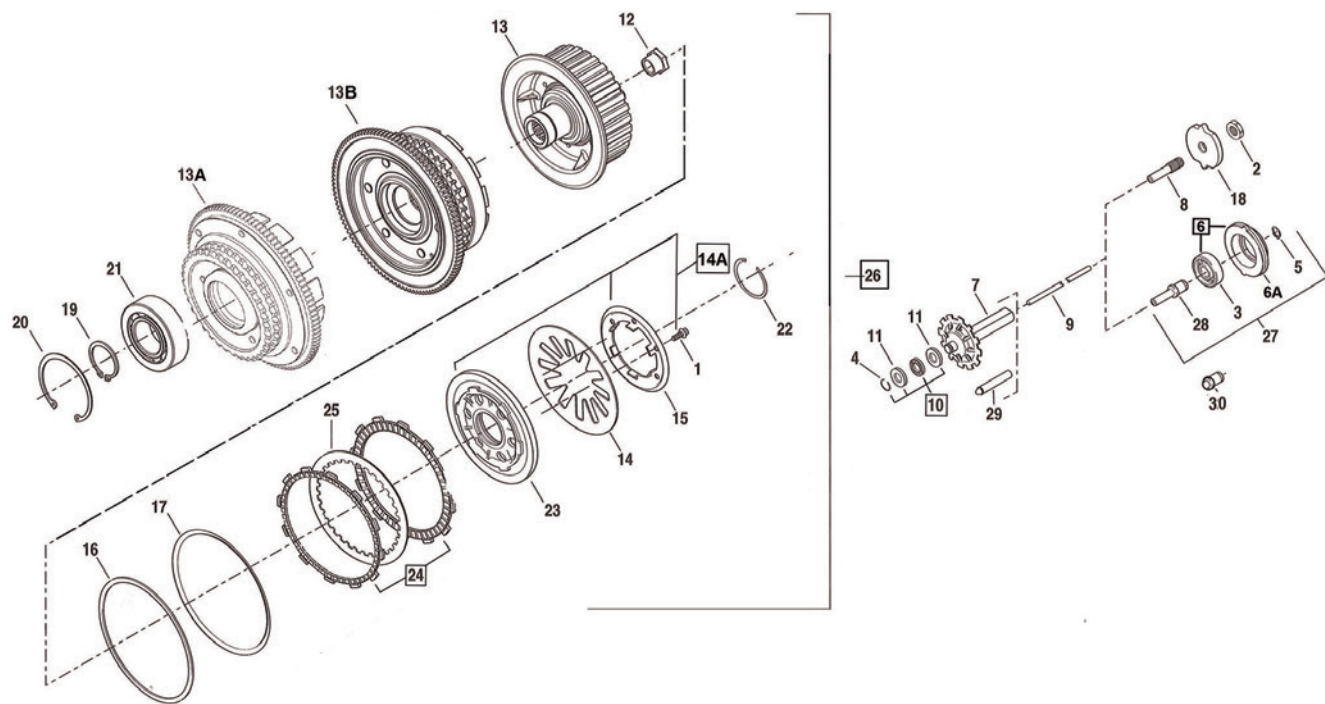
22
WINDSHIELD

23
OIL, CHEMICALS
& TOOLS

24
TECHTIPS &
CROSS REF
> ZPN

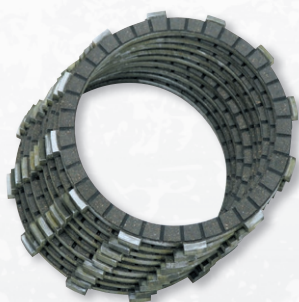
25
CROSS REF
ZPN > PAGE

26
ALPHABETICAL
INDEX


PARTS FOR STANDARD CLUTCH ON 1998-2000 EVOLUTION BIG TWIN & 1999-2017 TWIN CAM

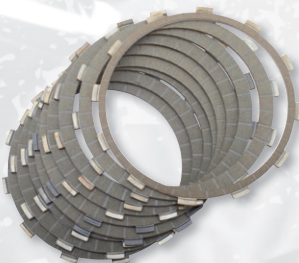
These parts are for the standard clutch, they do not fit the "Assist & Slip" clutch as introduced on 2013 CVO models. Parts indicated for 1998-2006* models do NOT fit 2006 Dyna. The 2006 Dyna was the first model with the OEM 6-speed transmission and uses parts indicated as for 2007*. Except where indicated differently all parts are sold each. Required quantities are indicated between parenthesis, for example like (2).

Pos.	ZPN	Description	OEM	Pos.	ZPN	Description	OEM
1.	236779	Screw M6x15 (6), 10-pack	2980	16.	370187	Seat, damper spring	37883-98
2.	144702	Jam Nut, each, Zodiac	7848W	17.	370188	Damper spring	37884-98
2.	711453	Jam Nut, USA made, 5-pack	7848W	18.	144123	Release plate, cable clutch models	37903-90
3.	711847	Bearing, 2014 hydraulic clutch models	8885	19.	370183	Retainer ring, Genuine Zodiac	37904-90
4.	233445	Retainer Ring (10-pack)	11096	19.	710903	Retainer ring, USA made (10-pack)	37904-90
5.	238904	Retaining ring, 2014-up Touring except Road King, 10-pack	11143	20.	239448	Retainer Ring, Internal, 1998-1999	37905-90
6.	-	Release plate with bearing (Pos. 3 & 6A)	36731-91	20.	789241	Retainer Ring, Internal, 2000-up, 5-pack	37905-00
6A.	234132	Release plate only	37918-91	21.	239903	Bearing, 1998-2010	37906-90
7.	370186	Push rod end, Genuine Zodiac	37069-90A	21.	234573	Bearing, 2011-2017	37906-11
7.	789425	Push rod end, V-Twin Mfg.	37069-90A	22.	370185	Retainer Ring, Internal, Zodiac	37909-90
8.	144701	Screw, Adjuster, Genuine Zodiac	37090-98A	22.	239381	Retainer Ring, Internal, USA made	37909-90
8.	711452	Screw, Adjuster, USA made	37090-98A	23.	-	Pressure plate	37912-00
9.	233530	Push rod, 1998-2006*	37088-90	24.	144241	Friction friction plates, set of 9, Zodiac	37932-98
9.	231864	Push rod, 2007-2017	37092-06	24.	144409	Kevlar friction plates, set of 9, Zodiac	37932-98
9.	-	Push rod, 2015-up hydraulic clutch models	37000218	24.	236677	Kevlar friction plates, set of 9, Barnett	37932-98
10.	144554	Bearing kit	37312-75	24.	721923	Carbon friction plate, set of 9, Barnett	37932-98
11.	232160	Bearing, Thrust Race, 5-pack	37313-80	24.	710364	Friction plates, set of 9, Alto	37932-98
12.	144486	Nut, mainshaft, Genuine Zodiac	37496-90A	24.	710365	Aramid friction plates, set of 9, Alto	37932-98
12.	782672	Nut, mainshaft, Bender USA	37496-90A	25.	144407	Steel Clutch Plates, set of 8, Zodiac	37913-98
13.	148116	Clutch hub, 1998-2006*, Genuine Zodiac	37550-98	25.	710366	Steel Clutch Plates, set of 8, Alto	37913-98
13.	148420	Clutch hub, 2007*-2010, Genuine Zodiac	37554-06A	25.	236678	Steel Clutch Plate (8), Barnett, each	37913-98
13.	148423	Clutch hub, 2011-2017, Genuine Zodiac	37554-11	26.	210522	Clutch assembly, 1998-2006*	-
13.	148421	Clutch hub, improved style, Genuine Zodiac	37554-11	26.	148152	Clutch assembly, 2007*-2010	37813-06A
13A.	148112	Clutch shell with ring gear and bearing, 1998-2006*	37707-98	26.	148432	Clutch Assembly, 2011-2016 Touring, 2011-2017 Dyna, 2011-2017 Softail	3813-11, 37816-11, 37000072
13B.	148400	Clutch shell with ring gear and bearing, 2007*-2010	-	27.	-	Clutch Release assembly, 2014 hydraulic clutch models	37000111
13B.	148422	Clutch shell with ring gear and bearing, 2011-2017	-	28.	789397	Pushrod, 2014 hydraulic clutch models	37000112
14.	149426	Diaphragm clutch spring, Genuine Zodiac	37871-98A	29.	-	Rod end, 2014 hydraulic clutch models	37000113
14.	710363	Diaphragm clutch spring, Alto	37871-98A	30.	-	Release rod, 2015-up hydraulic clutch models	37000217
14.	236679	Diaphragm clutch spring, Barnett	37871-98A				
14.	721924	Heavy-Duty diaphragm clutch spring, Barnett	-				
14.	-	Diaphragm clutch spring, Dyna 2006-2010, 96CI Touring 2007-2011	37882-06A				
14.	-	Diaphragm clutch spring, Dyna 2011-17, 103CI Touring 2011-2013	37871-04				
14A.	149427	Pressure plate kit (Pos. 14, 15 & 23)	-				
15.	370184	Seat, clutch spring	37872-00				

**ZODIAC CLUTCH FRICTION PLATE SET**

Zodiac's clutch friction plate set is made with our own legendary high performance friction material. Economical priced Top quality. Kit contains 9 discs and is stock replacement for 1998-2000 Evolution Big Twin models and 1999-2017 Twin Cam models (OEM 37932-98).

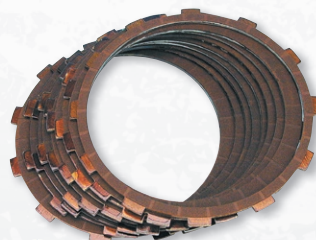
144241 Clutch friction discs, set of 9

**ZODIAC'S KEVLAR CLUTCH KIT**

Clutch plates feature Kevlar lining for improved strength, thermal stability and wear resistance.

1998-2017 Big Twin

144409 Kevlar clutch friction discs, set of 9 (OEM 37932-98)

**ALTO CLUTCH KITS FOR 1998 THRU 2017 BIG TWIN & TWIN CAM**

Kit contains 9 bonded friction plates with either Alto's "Red" or Aramid lining. Friction plates are also sold separately. Fits 1998-1999 Evolution Big Twin, 1999-2017 Dyna, 2000-2017 Softail and 1999-2016 Touring except 2013 CVO and 2015-2016 FLHTCUL & FLHTKL.

710364 Red lining plate kit, set of 9 (OEM 37913-98)

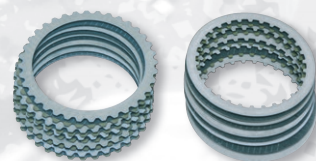
710365 Aramid lining plate kit, set of 9 (OEM 37913-98)

710360 Red lining plate, 1 of 8 (OEM 37911-98)

711754 Narrow red lining plate (OEM 37885-98)

710361 Aramid lining plate, 1 of 8 (OEM 37911-98)

711755 Narrow Aramid lining plate (OEM 37885-98)

**ALTO CARBONITE CLUTCH KIT FOR 1998-2017 BIG TWIN & TWIN CAM**

Alto Products is one of the largest independent aftermarket manufacturers of clutch plates in the USA. As they are in business for more than 40 years, you can be sure that they know all ins and outs of clutches. They developed their Carbonite clutch kits specifically for High-Performance applications. This carbon fiber and nitrated-steel clutch set (hence the name "Carbonite") offers an enhanced initial friction value and enhanced lockup. The Carbonite's steel plates get the same special nitrate treatment as the cores from the bonded friction plates, aimed at preventing them from warping. The nitrated steel also cools and lubricates the clutch, improving the overall feel and performance. Carbonite clutch kits can be used wet or dry, but it's really best suited to wet applications. All kits feature an extra friction disc and an extra steel plate for increased torque taking capacity.

Fits 1998-2000 Evolution Big Twin, 1999-2017 Dyna, 2000-2017 Softail and 1999-2016 Touring except 2013 CVO and 2015-2016 FLHTCUL & FLHTKL

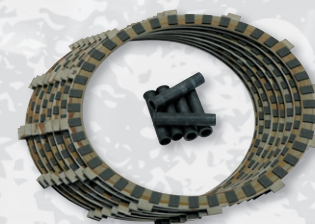
711753 Complete clutch pack, contains 10 Carbonite frictions and 9 Kolene Melonite steels

**BARNETT CLUTCH PLATE KITS**

Replacement clutch plate kits from Barnett.

Fits 1998-2000 Big Twin and 1999-2017 Twin Cam, except those with "Assist & Slip" clutch

751227 Consists of 9 frictions and 8 steel plates

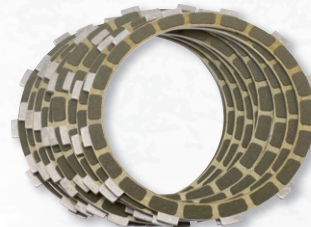
**BARNETT CARBON FIBER CLUTCH KITS**

Barnett has always been number 1 of technology designing innovative clutches to meet the specific demands of street and racing motorcycles. The latest innovations are these Carbon Fiber clutches that provide high static and dynamic friction coefficient for smooth, positive engagement and release. They are designed for use in conjunction with OEM or Barnett steel drive plates. Available as kits that fit like stock, but also as "Extra-Plate" kits for use in High Performance applications.

Fits 1998-2017 Dyna, 1998-2017 Softail and 1998-2016 Touring except those with "Assist & Slip" clutch

721923 Kit consists of 9 Carbon Fiber lined friction plates (OEM 37932-98)

751226 Complete High-Performance kit with 10 Carbon Fiber friction plates and 9 steel drive plates. Installs like stock and adds 11% friction area.

**"SERIES-K96" KEVLAR CLUTCH KITS**

Barnett is leading the wave of the future with the development of these smooth working, long lasting "Series-K96 Kevlar" clutches. Test results show that Barnett's asbestos free "Series-K96" clutches lasted 12 times longer than asbestos clutches and 3 times longer than semi-metallic.

Fits 1998-2000 Evolution Big Twins and 1999-2017 Twin Cam, except those with "Assist & Slip" clutch. Can be used with OEM or aftermarket steel drive plates.

236677 Kit consists of 9 Series-K96 Kevlar friction plates (OEM 37932-98)

**"SERIES-K96" KEVLAR EXTRAPLATE CLUTCH KITS**

All the advantages from the new "Series-K96 Kevlar" material and more. Barnett has developed these kits for performance motors and those who need extra clutch control. The "trick" is to increase the friction surface by adding an extra friction and drive plate. And when there is space enough, Barnett has even increased the friction surface per plate as well. "Extra-Plate" clutch kits install like a stock clutch and include all required parts.

751225 Complete High-Performance kit with 10 Kevlar friction plates and 9 steel drive plates. Installs like stock and adds 11% friction area.

01
HELMETS,
LUGGAGE,
AUDIO & MORE02
SEAT03
EXHAUST04
ELECTRIC
& LIGHT05
ENGINE
ELECTRICS06
INTAKE07
ENGINE08
PRIMARY09
TRANSMISSION10
FINAL DRIVE11
WHEELS &
TIRE12
BRAKE13
FOOT
CONTROL14
HANDLEBAR15
FRONT
SUSPENSION16
CHASSIS/
FRAME &
SHOCKS17
FENDER
& STRUTS18
GAS TANK &
INSTRUMENT19
OIL TANK, FILTER
& LINE20
FASTENERS21
MIRROR22
WINDSHIELD23
OIL, CHEMICALS
& TOOLS24
TECHTIPS &
CROSS REF
> ZPN25
CROSS REF
ZPN > PAGE26
ALPHABETICAL
INDEX



ALTO STEEL DRIVE PLATES FOR 1998-2017 BIG TWIN AND TWIN CAM

Kit contains 8 steel plates. Fits 1998-2000 Evolution Big Twin, 1999-2017 Dyna, 2000-2017 Softail and 1999-2016 Touring except 2013 CVO and 2015-2016 FLHTCUL & FLHTKL.

710366 Set of 8 steel drive plates (OEM 37913-98)

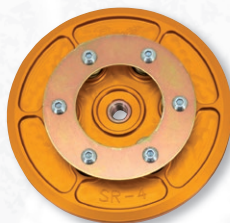


BARNETT STEEL DRIVE PLATES

Barnett steel drive plates are made of tough, high tensile steel to reduce warpage problems. Can be used in conjunction with OEM, Barnett or Zodiac friction plates.

Fits 1998-2000 Evolution Big Twin, 1999-2017 Dyna, 2000-2017 Softail and 1999-2016 Touring, except 2013 CVO & 2013 thru 2016 FLHTCUL & FLHTKL

236678 Steel drive plate, 8 required, sold each (OEM 37913-98)



CLUTCH SPRING CONVERSION

Barnett's Billet 6061-T6 pressure plate eliminates the diaphragm spring and allows the use of coiled spring for more tunability and more positive, linear clutch action.

722002 Fits 1998-2000 Evolution Big Twin and 1999-2017 Twin Cam with cable operated clutch

722124 Fits 1998-2000 Evolution Big Twin and 1999-2017 Twin Cam with stock or Screamin' Eagle hydraulic clutch, except models with the Assist & Slip clutch such as 2013 and later CVO & SE models and 2015 to present FLHTCUL & FLHTKL



DIAPHRAGM CLUTCH SPRING FOR 1998-2000 BIG TWIN & 1999-2017 TWIN CAM

Clutch springs for 1998-2000 Evolution Big Twin models and 1999-2017 Twin Cam models are available in your choice of Stock Replacement or a fitting like stock Heavy-Duty version with 20% or 25% more than stock spring pressure.

149426 Genuine Zodiac stock replacement diaphragm clutch spring (OEM 37871-98)

710363 Alto stock replacement diaphragm clutch spring (OEM 37871-98)

236679 Barnett stock replacement diaphragm clutch spring (OEM 37871-98)

789887 Alto Heavy-Duty diaphragm clutch spring, 20% stronger than stock

721924 Barnett Heavy-Duty diaphragm clutch spring, 25% stronger than stock



INNER CLUTCH HUB FOR 1990 THRU 2006 BIG TWINS

Improved inner clutch hubs for the late 5 Speed Big Twin models. Manufactured to tight tolerances from high grade aluminum alloy. The center is "cast-in" to stop it from coming loose. Available for Evolution Big Twin models from 1990 thru 1997 as well as for 1998 thru 1999 Evolution Big Twins and 1999 thru 2006 Twin Cam models.

148109 Fits 1990 thru 1997 Evolution Big Twins (OEM 37550-90A)

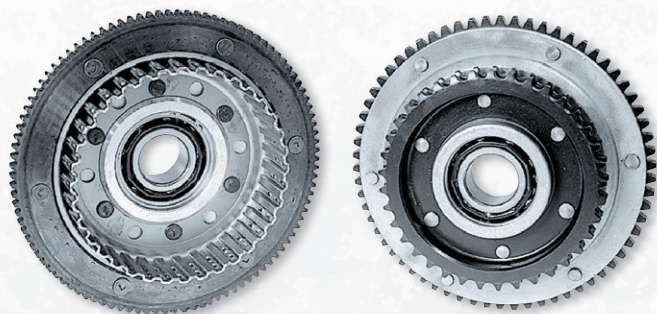
148116 Fits 1998 thru 1999 Evolution Big Twins and 1999 thru 2006 Twin Cam models, except 2006 Dyna (OEM 37550-98)



EASY START CLUTCH SHELL

These high quality replacement clutch shells come with a 66 tooth starter ring gear and 9 tooth starter motor pinion gear to improve starting on high compression and Big Inch engines. Feature factory installed bearing and bearing retaining ring, and take stock style clutch hub and clutch discs.

148151 Easy Start clutch shell with 66 tooth ring gear and 9 tooth starter motor pinion gear. Fits 1998-1999 Evolution Big Twins and 1999-2006 Twin Cam models, except 2006 Dyna, Genuine Zodiac

**OUTER CLUTCH SHELL**

High quality replacement clutch shells with factory installed primary chain sprocket and ring gear. Clutch shell also includes the clutch shell bearing and retaining ring. A perfect reproduction of the Original Equipment part at a much more economical price.

148112 Fits 1998-1999 Evolution Big Twins and 1999-2006 Twin Cam models, except 2006 Dyna, Genuine Zodiac (OEM 37707-98)

**BARNETT'S SCORPION CLUTCH BASKETS**

Barnett Scorpion one-piece clutch baskets are precision machined from 7075 aluminum and hard anodized. They are designed for use with a stock or Barnett Scorpion clutch to give you all the advantages of the latest clutch technology. A matching pinion gear or starter jack shaft kit must be ordered separately when you opt for a clutch basket with an other than stock size starter ring gear.

Fits 1994 thru 2006 Big Twin for use with a 1998 thru 2006 stock style or Scorpion clutch.

Does not fit 2006 Dyna

737101 With 102 tooth ring gear and 36 tooth chain sprocket

737103 With 84 tooth ring gear and 36 tooth chain sprocket. Use with retro-fit pinion gear or starter jackshaft

737105 With 66 tooth ring gear and 36 tooth chain sprocket. Use with retro-fit pinion gear or starter jackshaft

Fits 2006-2017 Dyna, 2007-2017 Softail and 2007-2016 Touring & Trike. Install with stock bearing.

789839 Clutch basket without starter ring gear

789859 Clutch basket with starter ring gear

Complete starter jack shaft assemblies fit all 1994 thru 2006 Big Twins, except 2006 Dyna

737119 For use with 66 tooth ring gear

737120 For use with 84 tooth ring gear

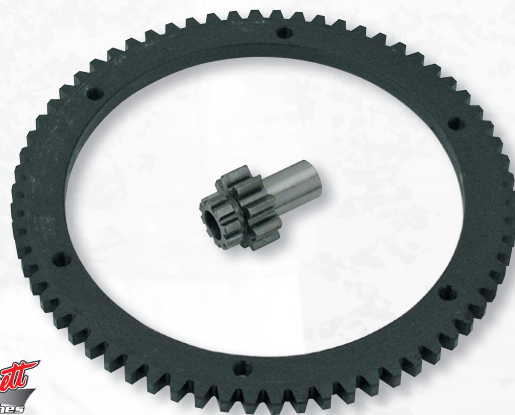
Pinion gears

737122 For use with 66 tooth ring gear on all 1990 thru 2006 Big Twin, except 2006 Dyna

737123 For use with 84 tooth ring gear on all 1990 thru 1993 Big Twin

737124 For use with 84 tooth ring gear on all 1994 thru 2006 Big Twin, except 2006 Dyna

737126 For use with 102 tooth ring gear on all 1994 thru 2006 Big Twin, except 2006 Dyna

**BARNETT STARTER RING & PINION GEARS**

Barnett starter ring gears are made from aircraft quality hardened 820 steel with a black oxide finish. Pinion gears are heat treated.

Ring gear conversion kits for OEM clutch baskets

Include ring gear and bolts, matching jackshaft assembly or pinion gear must be ordered separately.

737115 Fits 1998 thru 2006 Big Twin except 2006 Dyna, 66 tooth

737118 Fits 1998 thru 2006 Big Twin except 2006 Dyna, 84 tooth

Complete starter jack shaft assemblies fit all 1994 thru 2006 Big Twins, except 2006 Dyna

737119 For use with 66 tooth ring gear

737120 For use with 84 tooth ring gear

Pinion gears

737122 For use with 66 tooth ring gear on all 1990 thru 2006 Big Twin, except 2006 Dyna

737123 For use with 84 tooth ring gear on all 1990 thru 1993 Big Twin

737124 For use with 84 tooth ring gear on all 1994 thru 2006 Big Twin, except 2006 Dyna

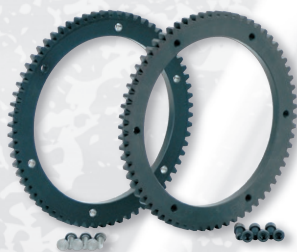
737126 For use with 102 tooth ring gear on all 1994 thru 2006 Big Twin, except 2006 Dyna

01
HELMETS,
LUGGAGE,
AUDIO & MORE02
SEAT03
EXHAUST04
ELECTRIC
& LIGHT05
ENGINE
ELECTRICS06
INTAKE07
ENGINE08
PRIMARY09
TRANSMISSION10
FINAL DRIVE11
WHEELS &
TIRE12
BRAKE13
FOOT
CONTROL14
HANDLEBAR15
FRONT
SUSPENSION16
CHASSIS/
FRAME
& SHOCKS17
FENDER
& STRUTS18
GAS TANK &
INSTRUMENT19
OIL TANK, FILTER
& LINE20
FASTENERS21
MIRROR22
WINDSHIELD23
OIL, CHEMICALS
& TOOLS24
TECHTIPS &
CROSS REF
> ZPN25
CROSS REF
ZPN > PAGE26
ALPHABETICAL
INDEX



ZODIAC'S STARTER RING GEARS

Starter ring gears often wear out as a result of "Hard to Start" High Performance engines. Ring gears are not available as a replacement part from "The Factory". As a supplier of High Performance engines we had these replacement starter ring gears manufactured. Saves you from replacing the entire clutch basket and ring gear assembly when you chipped a tooth from your starter ring. The required rivets or bolts are included. Gears are manufactured from top-grade materials. Ring gears are available in the stock replacement but also in a "Retro-Fit" style. The Retro fit style has 66 tooth and must be used with a special starter motor pinion gear ZPN 290546.



Stock replacement starter ring gears

- 148144** Rivet-on style, fits 1998 thru 1999 Big Twin and 1999 thru 2006 Twin Cam, except 2006 Dyna, (102 teeth)
- 148163** Bolt-on style, fits 1998 thru 1999 Big Twin and 1999 thru 2006 Twin Cam, except 2006 Dyna (102 teeth)



Retro-fit starter ring gears
Fits 1998 thru 2006 Big Twin's, except 2006 Dyna, must be installed in conjunction with a "Retro-Fit" starter motor pinion gear ZPN290546 that must be purchased separately.

- 148164** Rivet-on Retro-fit starter ring gear (66 teeth)
- 148165** Bolt-on Retro-fit starter ring gear (66 teeth)
- 290546** Retro-fit starter motor pinion gear



PRIMO'S RETRO-FIT STARTER MOTOR PINION GEAR FOR 1998-2006 BIG TWINS

This retro-fit starter motor pinion gear is uniquely designed and manufactured to be compatible with 1994-2006 starter extension assemblies only, while allowing the use of the much stronger 1990 thru 1993 style 66 tooth ring gear. A must for Big Cubic Inch and High Performance motors as these put additional stress on these critical components, particularly when the motor back-fires during start-up. Pinion gear and starter ring must be ordered separately.

- 232189** Retro-fit starter motor pinion gear
- 232223** Retro-fit starter ring gear for 1998 thru 2006 Big Twin, except 2006 Dyna (66 teeth)



STARTER RING GEARS

Now you don't have to replace the entire clutch basket and ring gear assembly when you chipped a tooth on your starter ring. These ring gears bolt-on in minutes and are manufactured from top-grade materials for a very long service life.

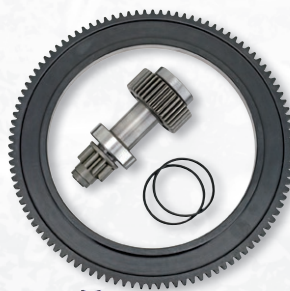
- 232251** Fits 1998 thru 1999 Big Twin and 1999 thru 2006 Twin Cam, except 2006 Dyna



DOUBLE ROW CLUTCH BEARING

Replacement clutch housing bearing.

- 239903** Fits 1990 thru 2010 Evolution Big Twin & Twin Cam (OEM 37906-90)
- 234573** Fits 2011 to present Twin Cam & Milwaukee Eight (OEM 37906-11)



STARTER CLUTCH PINION AND CLUTCH BASKET RING GEAR

The ring gear is made from aircraft quality hardened 8620 steel with a black oxide finish. Must be crimped onto the OEM clutch basket. Installation instructions included. The starter clutch pinion gear features a 20% larger gear and rollers than the factory replacement. Comes complete with two O-rings. Made in the USA by Barnett Tool & Engineering. Fits 2006 Dyna and all 2007-2017 Twin Cam.

- 745998** Starter clutch pinion
- 745999** Starter ring gear with 106 teeth



PRO-MAX HIGH PERFORMANCE RACE CLUTCH KITS

These high performance clutch kits are designed to drop into the stock clutch basket yet provide increased clutch friction area and smooth, linear engagement. They are supplied with 3 sets of coil-type clutch springs that allow you to tune your clutch to any engine performance from stock to extremely wild and anything in between. Kits feature a billet aluminum clutch pressure plate with a steel liner plate, extra wide friction discs for maximum contact area and matching extra wide steel clutch discs.

Fits 1998-2006 Softail and 1998-2005 Dyna models
Works with stock cable operated clutch mechanism, as well as most aftermarket hydraulic clutch conversion kits, except Screamin' Eagle hydraulic clutch kits.

- 144417** Pro-Max High Performance clutch



CLUTCH RETAINING RINGS

Replacement retaining rings for the clutch.

- 239381** Clutch pressure plate retaining ring, fits Big Twin models 1990 to present, 5-pack (OEM 37909-90)
- 370185** Clutch pressure plate retaining ring, fits Big Twin models 1990 to present (OEM 37909-90)
- 710903** External retaining ring for clutch bearing, fits Big Twin models 1990 to present, 10 pack (OEM37904-90)
- 370183** External retaining ring for clutch bearing, fits Big Twin models 1990 to present (OEM37904-90)



REPLACEMENT CLUTCH PLATES FOR PRIMO PRO-CLUTCH

Over the years Primo/Rivera have changed the construction of stock replacement Pro-Clutches, as well as Pro-Clutches as supplied with Brute Classic, Brute III, and Brute IV belt drives. The early style Pro-Clutch had a clutch hub with integrated steel rear plate, the late style Pro-Clutch have a hub and separate rear plate. Please note that Pro-Clutches used for stock replacement and the Pro-Clutch as supplied with a Primo belt drive are NOT the same!



Fits early style stock replacement Pro-Clutch PC-1298-C on 1998-1999 Evo Big Twins and 1999-2006 Twin Cams, except 2006 Dyna. Kit contains 7 friction plates, a .80" thick steel drive plate and 7 pcs. .047" thick steel drive plates to achieve a correct pack height of approx. 1.485".

701158 Replacement clutch pack with all steel and friction plates

Individual Parts:

761014 Friction plate, 7 needed

761009 .047" thick steel drive plate, 7 needed

761005 .080" thick steel drive plate

761014 Friction plate, 8 needed

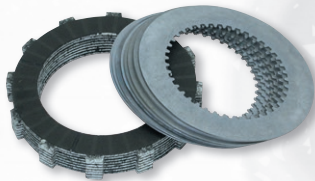
761009 .047" thick steel drive plate, 8 needed



Replacement clutch pack for late style stock replacement Pro-Clutch on 1998-1999 Evo Big Twins and 1999-2006 Twin Cams, except 2006 Dyna. Kit contains 8 friction plates, a .120" thick steel drive plate and 8 pcs. .047" thick steel drive plates to achieve a correct pack height between 1.720" and 1.745".

761021 Replacement clutch pack with all steel and friction plates

761011 .120" thick steel end plate



BARNETT CLUTCH KITS FOR PRIMO PRO-CLUTCH

Barnett has been at the forefront of motorcycle clutch design for over 40 years. Barnett clutches have won more races and set more records than any other brand made. Also when you have a Pro-Clutch installed, Barnett has a clutch for you. Barnett clutches are designed to operate smoothly and trouble free for mile after mile.

722394 Fits Pro-Clutch on 1998 thru 1999 Evolution Big Twins and 1999 thru 2017 Twin Cam, kit consists of 8 friction and 9 steel plates



ZODIAC HIGH PERFORMANCE CLUTCH

These complete and ready to install High Performance clutches feature Kevlar clutch friction discs and are very competitively priced. All parts are also available individually and are fully interchangeable with OEM parts. Replacement parts are listed elsewhere in this chapter. Complete High Performance clutches include clutch basket with installed starter ring gear, clutch basket bearing and retaining rings, clutch hub, Kevlar friction discs, steel discs pressure plate, diaphragm spring and clutch adjuster plate. Available for all 1990 thru 2006 Big Twin models, except 2006 Dyna.

210522 Fits 1998 thru 1999 Big Twin and 1999 thru 2006 Twin Cam (except Dyna 2006)

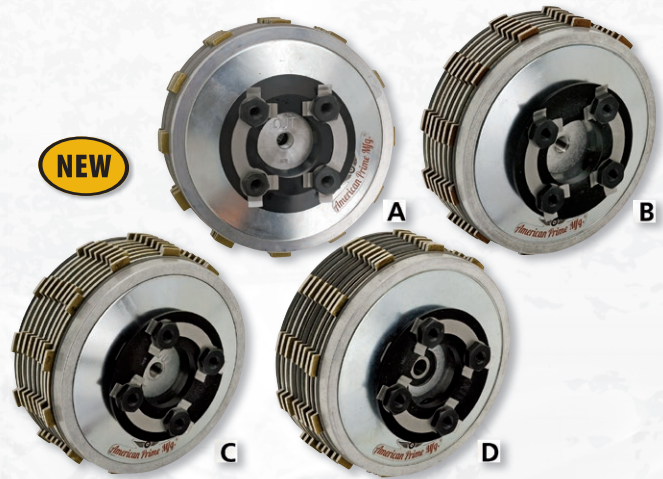


RIVERA T.P.P. VARIABLE PRESSURE PLATE

This variable pressure plate assembly increases pressure at higher RPM. Less effort is required to pull the clutch lever while shifting. Under the influence of high horsepower a dramatic increase in clutching power is obtained. Up to 60% more clutch pack compression allows to use a lighter diaphragm clutch spring. These TPP Variable Clutches are only to be used in combination with our Rivera Pro Clutches. TPP Variable Clutches for other applications are listed separately.

722967 Fits Pro-Clutch on 1998 and 1999 Big Twin and 1999 thru 2006 Twin Cam, except 2006 Dyna

722977 Fits Pro-Clutch on 2006 Dyna and 2007 thru 2017 Twin Cam



COMPETITION MASTER CLUTCH KITS BY AMERICAN PRIME MANUFACTURING
American Prime Manufacturing was founded in 2018 by industry veteran Ben Kudon. This company prides itself on providing three things everyday: Performance, Quality and Service. Their Competition Master Clutch kits bolt straight into the OEM clutch basket and give you a clutch that is capable to take every foot-pound or Newton you can get out of your V-Twin. All American Prime parts are fully interchangeable with Rivera Primo parts of the same type and application. Consequently, a Competition Master clutch is the perfect alternative for a Pro-Clutch.

761025 [A.] Competition Master clutch kit, fits 1998-1999 Evolution Big Twin and 1999-2006 5-speed Twin Cam

761021 Replacement clutch pack with all steel and friction plates

761024 [B.] Competition Master clutch kit, fits 2006-2010 6-speed Twin Cam

761032 Replacement clutch pack with all steel and friction plates

761029 [C.] Competition Master clutch kit, fits 2011-2016 Softail, Dyna & Touring with cable clutch

761033 Replacement clutch pack with all steel and friction plates

761030 [D.] Competition Master clutch kit, fits 2011-2016 Softail, Dyna & Touring with OEM or Screamin' Eagle hydraulic clutch

761033 Replacement clutch pack with all steel and friction plates



PRIMO/RIVERA HIGH PERFORMANCE "PRO CLUTCH" CONVERSION

No matter if you have a original style primary chain drive or aftermarket belt drive, as long as a stock or OEM style clutch basket is used there is a very light operating "Pro Clutch" to fit. The Primo Pro Clutch is developed and tested on the Drag Strip. It has a much larger friction area and can handle more horsepower than any other clutch available today. Installation is quick and easy. Kits contain all parts needed to convert your present system to the advanced Pro-Clutch system.

Conversion kits for 6 Speed Twin Cam models

723189 Fits 2006 Dyna and all 2007 thru 2010 Twin Cam

761032 Replacement clutch pack with all steel and friction plates

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



BARNETT "SCORPION" CLUTCH

Barnett Tool & Engineering developed these CNC machined billet steel and aluminum clutches as "The High Performance Clutch" for Harleys. The "Scorpion" clutch features over twice as much friction area compared to the stock clutch, and provides a smooth, linear, positive engagement and release for ease in finding neutral as well as smooth, positive shifting. Steel spacers on the clutch pack ends ensure no wear on the aluminum surfaces. The "Scorpion" clutch incorporates 6 Heavy-Duty coil springs instead of the stock diaphragm spring. In addition, Barnett includes extra spring sets to tune the clutch from Mild Street to wild race. Tune-ability is easy without the removal of the primary cover. The Barnett Scorpion clutch is designed for wet or semi-wet applications and is compatible with any primary oil. Can be fitted with standard tools, a special Scorpion clutch hub tool to ease removal is separately available, as well as clutch lock plates to lock the outer clutch basket to the inner hub.

- 722001** Fits 1998-2000 Evolution Big Twin and 1999-2006 Twin Cam, except 2006 Dyna.
- 751202** Scorpion clutch pressure plate upgrade to use ZPN 722001 with Screamin' Eagle hydraulic clutch
- 751200** Fits 1998-2000 1999 Evolution Big-Twin models and 1999-2006 Twin Cam, except 2006 Dyna. Optimized for use with OEM or aftermarket hydraulic clutch control
- 232584** Fits 2006 thru 2017 Dyna and all 2007 thru 2010 Twin Cam models, except those with Screamin' Eagle hydraulic clutch
- 751259** Fits 2006 thru 2017 Dyna and all 2007 thru 2010 Twin Cam models with Screamin' Eagle hydraulic clutch
- 751261** Fits 2011 thru 2017 Twin Cam models, except those with Screamin' Eagle hydraulic clutch
- 751260** Fits 2011 thru 2017 Twin Cam models with Screamin' Eagle hydraulic clutch

Optional tools

- 751222** Clutch lock plate for Scorpion clutches on 1998-1999 Big-Twin and 1999 to present Twin-Cam

Replacement clutch packs with clutch friction plates and steel plates

- 232100** Fits Scorpion clutches on 1998-2000 Evolution Big Twin and 1999-2017 Twin Cam in dry applications
- 789836** Fits Scorpion clutches on 1998-2000 Evolution Big Twin and 1999-2017 Twin Cam in wet applications



BDL "COMPETITOR" CLUTCH FOR 1998 THRU 2006 BIG TWIN

BDL's "Competitor" clutch is a complete High Performance clutch that fits straight into the stock clutch basket on 1998 thru 1999 Evolution Big Twins and 1999 thru 2006 Twin Cam models, except 2006 Dyna's. This clutch has a more than 60% larger surface area than stock and is capable of handling the power from stock to highly tuned or Big Inch motors. The Competitor clutch comes complete with BDL's special Ball Bearing lock-up pressure plate that makes your clutch easy to pull, complete clutch pack, clutch hub, diaphragm spring, spring retainer, shoulder bolts and complete adjuster bolt.

- 740149** Complete Competitor clutch

Replacement parts

- 740150** Kevlar friction discs, set of 7
- 740151** Steel plates, set of 6
- 740152** Steel backing plate



712126



T.P.P. SUPER LIGHT WORKING PERFORMANCE CLUTCH

When you feel that it takes too much from your hand to pull the clutch the Variable Pressure Clutch (VPC) is the ultimate solution. The VPC gives you reduced spring pressure at idle, but when revving up the bob weights use centrifugal force to put more pressure on the clutch than you could ever achieve with a High Performance clutch spring. It makes for easy clutch lever work from idle to 3,000 RPM, the area where most people need to pull their clutch to shift gear. Some Variable Pressure Clutch features:

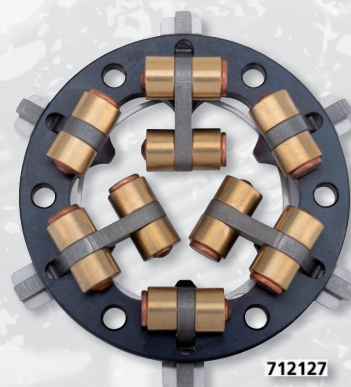
- Centrifugal force on the bob weights works like a Lock Up clutch
- Reduces required clutch lever force up to 40% at idle on stock engines
- Improved clutch engagement when revving up
- Better clutch disengagement and feel
- Easier to find neutral
- Installation requires a clutch spring compressor ZPN 210080 (OEM 38515-90) and removal and re-installation of the primary cover
- Clutch pull becomes heavier when RPM increases

Fits 1998-2005 Dyna, 1998-2006 Softail and 1998-2006 Touring

- 712126** For stock engines. Has 70mm radius fulcrum point, gives 40% lever effort reduction. Install with stock diaphragm spring
- 712133** For mildly tuned engines. Has 70mm radius fulcrum point, gives 25% lever effort reduction. Includes Heavy-Duty diaphragm clutch spring, 25% stronger than stock
- 712128** For highly tuned engines. Has 95mm radius fulcrum point, gives no lever effort reduction. Install with stock diaphragm spring
- 712135** For High-Torque monsters. Has 95mm radius fulcrum point, gives 18% lever effort increase. Includes Heavy-Duty diaphragm clutch spring, 25% stronger than stock

Replacement diaphragm springs

- 721924** Heavy-Duty diaphragm clutch spring, 25% stronger than stock. Use to upgrade existing VPC #712126 for use in mildly tuned engines or VPC #712128 in High-Torque monsters



712127

Fits 2006-2017 Dyna, 2007-2017 Softail (except 2013-2017 CVO models), 2009-2015 Trike & 2007-2015 Touring (except 2013-2015 CVO)
Note: Fits behind most derby covers. Derby covers with a very shallow or flat inside require a spacer ring

- 712127** For stock engines, gives 20% lever effort reduction. Install with stock diaphragm spring

Fits 2006-2017 Dyna, 2007-2017 Softail (except 2013-2017 CVO models), 2009-2015 Trike & 2007-2015 Touring (except 2013-2015 CVO)

Note: Fits behind most derby covers. Derby covers with a very shallow or flat inside require a spacer ring

- 712134** For modified engines up to 120CI, gives no lever effort reduction. Includes Heavy-Duty diaphragm clutch spring, 25% stronger than stock

Optional parts

- 712142** Spacer for use with derby covers with a shallow or flat inner face
- 721924** Heavy-Duty diaphragm clutch spring, 25% stronger than stock. Use to upgrade VPC #712127 for use in modified engines

Replacement parts

- 712145** Replacement O-ring for derby cover spacer

**ZODIAC'S POSI-LOCK CLUTCH LOCK-UP KITS**

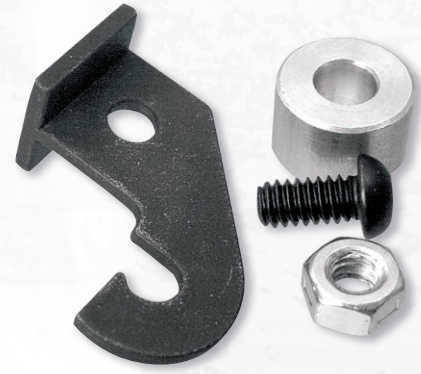
A clutch lock-up system applies extra pressure to the clutch plates for positive engagement to prevent clutch slippage without increase of the lever pull effort. Great for seriously tuned engines or bikes with a wide wheel conversion. The Zodiac Posi-Lock kit features a ball-and-ramp system for an extremely positive engaging clutch and also changes the fulcrum point for reduced clutch lever effort. Fits straight into the stock clutch basket and behind the stock primary cover. Kit replaces the stock pressure plate, diaphragm spring and spring retainer. Fits all 1998 thru 1999 Evolution Big Twin and 1999 thru 2006 Twin Cam, except 2006 Dyna.

144410 Zodiac's ball bearing clutch lock-up kit

**BDL BALL BEARING CLUTCH LOCK-UP KITS FOR 2013-2017 HYDRAULIC CLUTCH**

Transform your clutch to an easy to pull design without making it slip. The patented BDL ball-bearing lock-up clutch design works with 45 5/16" steel balls and fits with the stock diaphragm spring and spring retainer in 2013 thru 2017 models with the OEM or Screamin' Eagle hydraulic control on the standard 6-stud clutch (does not fit with 3-stud "Assist & Slip" clutch). Comes complete with a 30% thicker and stronger diaphragm for use in super tuned monster motors.

753555 BDL ball bearing clutch lockup

**"PULL-EASY" CLUTCH OPERATION KIT**

Reduces the force required to operate the clutch lever with some 40%. Gives improved and smooth clutch control too. Fits out of sight inside transmission side cover where the clutch cable enters. Fitting instructions included.

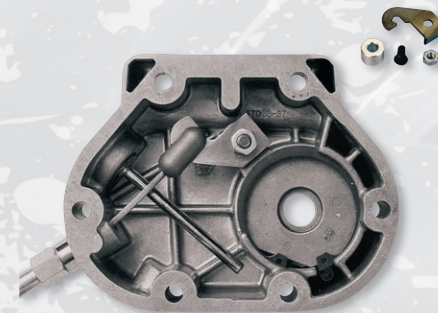
131108 Fits 1987 thru 1999 Big Twin & Twin Cam and 1986-1990 Sportster, Genuine Zodiac

781038 Fits 2000 thru 2017 Twin Cam, V-Twin Mfg.

**REDUCED EFFORT CLUTCH CONTROL KIT**

Installing this special ball and ramp kit in conjunction with the special diaphragm clutch spring helps you to pull the clutch of your 1998 thru 1999 Evolution Big Twin or 1999 thru 2006 Twin Cam with less effort, without making your clutch more slippery. Great for people with smaller hands. Does not fit 2006 Dyna models.

144148 Reduced effort clutch control kit

**"EASYBOY" LITE-CLUTCH BY PROGRESSIVE SUSPENSION**

Progressive Suspension claims that the Easyboy Lite-Clutch reduces the manual effort required to pull the clutch lever by 40% which lessens rider fatigue and provides smoother easier clutch action. Ideal for women riders or those of us who constantly find themselves caught in a stop-and-go traffic. Installation instructions are included with each kit. Not suitable for models with hydraulic clutch.

144171 Fits Big Twin models 1987 thru 1999 and Sportster models 1986 thru 1990

759997 Fits 2000 thru 2017 Twin Cam models

**BDL BALL BEARING CLUTCH LOCK-UP KITS**

BDL's Ball Bearing Lock Up Clutch changes the fulcrum point for easier pull. They fit into the clutch basket and replaces the pressure plate, diaphragm spring and retainer. Fits 1998-2000 Evolution Big Twin and 1999-2017 Twin Cam with cable controlled clutch.

740148 Fits OEM type cable clutch on 1998-2000 Evolution Big Twin and 1999-2017 Twin Cam

**MÜLLER POWER CLUTCH**

Müller's power clutch provides smoother and easier clutch lever operation. This is the perfect solution for everyone who experiences "heavy" clutch operation. Comes complete with instructions and all necessary hardware.

741237 Fits all Big Twin models 1987-2000, Twin Cam models 1999-2017 and Milwaukee Eight Softail 2018 to present

741546 Fits aftermarket Right Side Drive transmissions

01	HELMETS, LUGGAGE, AUDIO & MORE
02	SEAT
03	EXHAUST
04	ELECTRIC & LIGHT
05	ENGINE ELECTRICS
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11	WHEELS & TIRE
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13	FOOT CONTROL
14	HANDLEBAR
15	FRONT SUSPENSION
16	CHASSIS/FRAME & SHOCKS
17	FENDER & STRUTS
18	GAS TANK & INSTRUMENT
19	OIL TANK, FILTER & LINE
20	FASTENERS
21	MIRROR
22	WINDSHIELD
23	OIL, CHEMICALS & TOOLS
24	TECHTIPS & CROSS REF > ZPN
25	CROSS REF ZPN > PAGE
26	ALPHABETICAL INDEX



CLUTCH RELEASE KIT FOR 1987-2017 BIG TWIN

These complete kits include inner ramp (OEM 25452-87A), outer ramp (OEM 25453-87A), cable coupling (OEM 34920-86A), ramp rollers (OEM 8873) and the retaining ring (OEM 10998). All parts are exactly made to OEM specifications. Fits all Evolution Big Twin models 1987-2000 and Twin Cam 1999-2017 with cable clutch.

144121 Clutch release kit

Replacement parts

238184 Retaining ring (OEM 10998)

238183 Ball, each (OEM 8873)



CLUTCH ADJUSTING SCREW & NUT FOR 1998 TO PRESENT BIG TWINS

Stock replacement clutch adjusting screw and nut fits 1998 to present Evolution Big Twins, Twin Cam and Milwaukee Eight Softail models. Sold separately.

711452 Clutch adjusting screw (OEM 37090-98)

711453 Clutch adjusting lock nut (OEM 7848W)



HYDRAULIC CLUTCH FOR BIG TWIN & TWIN CAM

Convert your stock cable operated clutch into an easy to operate hydraulic clutch that requires 30% less effort. Clutch conversion kits fit all cable clutch equipped 1987-2017 Touring, Softail and Dyna. Complete handlebar control kits fit single disc 1996-2010 Softail and 1999-2011 Dyna. Kits feature a slave cylinder that replaces the stock ball-and-ramp system in the clutch control cover on the right side of the transmission. Step-by-step installation instructions are also included to allow for an easy conversion.

Note: Twin Cam models with the stock 6-speed transmission require a small modification on the inside of the stock clutch control cover.

Clutch conversion kits with line, slave cylinder and a clutch master cylinder with a smooth top

054107 Chrome

054108 Black

Complete handlebar control kits with switch housings that take the stock switches, line, slave cylinder and brake- and clutch master cylinders with ball milled top covers

054102 Chrome kit

054103 Black kit

Replacement parts

054109 Clutch line with slave cylinder

053123 Replacement clutch lever

053127 Replacement clutch lever only, black

054110 Clutch master cylinder rebuild kit, 10.5mm bore

Brake master cylinder rebuild kit

144125 Fits 9/16" bore



CLUTCH PUSHRODS FOR BIG TWIN & TWIN CAM

American-made 3-piece clutch pushrods. Each piece is heat-treated where necessary. Sold each.

All 1990 thru 1999 5 Speed Big Twin and 1999 thru 2006 5 Speed Twin Cam

370186 Right end, Genuine Zodiac (OEM 37069-90)

789425 Right end, V-Twin Mfg. (OEM 37069-90)

233530 Center piece (OEM 37088-90)

233448 Left end (OEM 37090-84)

Bearing retaining clip

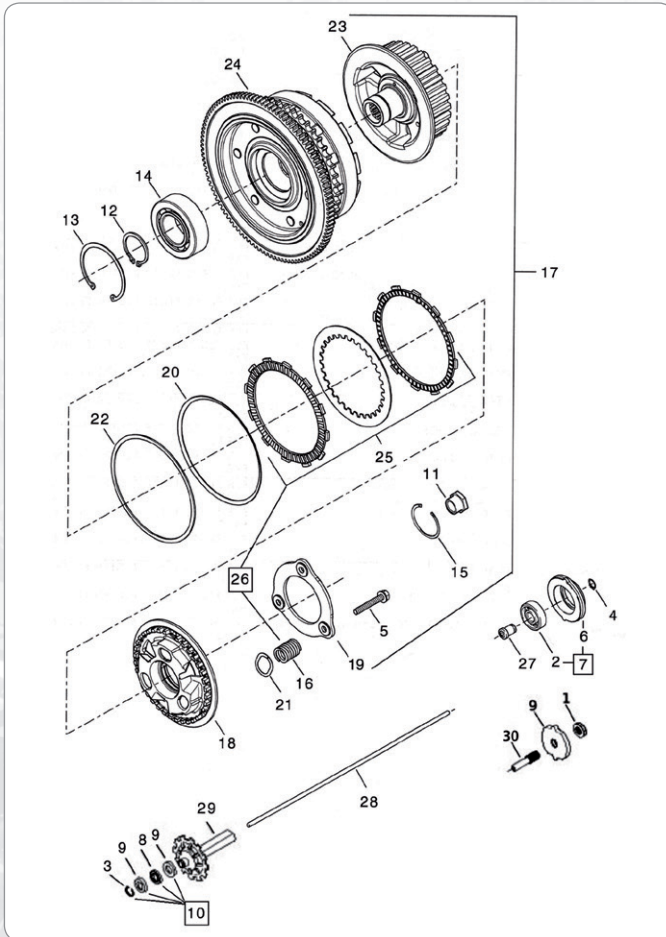
233445 Throw-out bearing retaining clip, 10 pack (OEM 11096)



CLUTCH CABLE SUPPORT BRACKET 5 SPEED BIG TWIN

Routes the clutch cable away from the cylinder heat and ensures the most correct alignment of cable and clutch lever. Will improve clutch cable life. Fits all 5 Speed models 1980 thru 2006. Can also be used for re-routing or tidying up cables on any bike.

114162 Clutch cable support bracket 5 Speed Big Twin

**2013 TO PRESENT "ASSIST AND SLIP" CLUTCH**

The Assist-And-Slip clutch was introduced on the 2013 CVO models and is used on:

Softail models

**FXSBSE CVO Breakout 2013-2014FXSE CVO Pro Street Breakout 2016-2017
FLSS Slim S 2016-2017FLSTNSE Softail CVO Deluxe 2014-2015FLSTFBS Fat
Boy Lo/Special 2016-2017& all 2018 to present Softail models**

Touring models

**FLHRSE CVO Road King 2013-2014FLHTCUL Electra Glide Ultra Classic Low
2015-2016FLHTKL Ultra Limited Low 2015-20162013 FLHTCUSE8 CVO Ultra
Classic Electra GlideFLHTKSE CVO Limited 2014-2016FLHXSE CVO Street
Glide 2015-2016FLTRUSE CVO Road Glide Ultra 2015-2016FLTRXSE2 CVO
Road Glide 2013& all 2017 to present Touring models**

Trike models

FLHTCUTG Tri Glide Ultra 2014 to presentFLRT Freewheeler 2015 to present

ASSIST & SLIP CLUTCH

Pos.	ZPN	Description	OEM
1.	144702	Jamnut, Genuine Zodiac, each	7848W
1.	711453	Jamnut, dealer 5-pack	7848W
2.	711847	Bearing	8885
3.	233445	Retaining ring, cable clutch, dealer 10-pack	11096
4.	238904	Retaining ring, dealer 10-pack	11143
5.	-	Bolt, M6x1x30 hex flange, except 2018-up Softail	36706-01K
5.	-	Bolt, 2018-up Softail	37000241
6.	234132	Release plate only	37918-91
7.	-	Release plate with bearing #2	36731-91
8.	-	Bearing, clutch pushrod	37312-75
9.	232160	Bearing thrust race, dealer 5-pack	37313-80
10.	144554	Pushrod bearing kit	-
11.	144486	Mainshaft nut, Genuine Zodiac	37496-90A
11.	782672	Mainshaft nut, Bender USA	37496-90A
12.	370183	Retaining ring, Genuine Zodiac	37904-90
12.	710903	Retaining ring, dealer 10-pack	37904-90
13.	789241	Retaining ring, Twin Cam, 5-pack	37905-00
13.	-	Retaining ring, Milwaukee Eight	37000169
14.	234573	Bearing, Twin Cam	37906-11
14.	-	Bearing, Milwaukee Eight	37000168
15.	370185	Retaining ring, Genuine Zodiac	37909-90
15.	239381	Retaining ring, dealer 5-pack	37909-90

ASSIST & SLIP CLUTCH

16.	-	Coil spring, Twin Cam	11700002
16.	-	Coil spring, Milwaukee Eight	37000270A
17.	-	Clutch assembly, Twin Cam	37000026
17.	-	Clutch assembly, 2017-up Touring & Trike	37000254
17.	-	Clutch assembly, 2018-up Softail	37000263
18.	-	Pressure plate, all except 2018-up Softail	37000032
18.	-	Pressure plate, 2018-up Softail	37000240
19.	-	Stopper plate	37000033
20.	-	Damper spring	37000034
21.	-	Seat, Twin Cam	37000035
21.	-	Seat, Milwaukee Eight	37000219
22.	-	Damper spring seat	37000036
23.	-	Clutch hub, all except 2018-up Softail	37000083
23.	-	Clutch hub, 2018-up Softail	37000239
24.	-	Clutch basket only	-
25.	-	Clutch disc kit, Twin Cam	37000118
25.	144438	Clutch disc kit, Milwaukee Eight, Genuine Zodiac	37000258
26.	760717	Clutch disc & spring kit, Twin Cam, Kevlar, Barnett	37000118
26.	144439	Clutch disc & spring kit, Milwaukee Eight, Genuine Zodiac	37000287
26.	760716	Clutch disc & spring kit, Milwaukee Eight, Kevlar, Barnett	37000287
27.	-	Release rod, hydraulic clutch	37000217
28.	700900	Pushrod, hydraulic clutch	37000218
28.	231864	Pushrod, cable clutch	37092-06
29.	370186	Oil slinger, cable clutch, Genuine Zodiac	37069-90A
29.	789425	Oil slinger, cable clutch, V-Twin Mfg.	37069-90A
30.	144701	Adjuster screw, cable clutch, Genuine Zodiac	37090-98A
30.	711452	Adjuster screw, cable clutch, Bender USA	37090-98A

**CLUTCH PLATE SET FOR MILWAUKEE EIGHT**

Replacement clutch plate sets for Milwaukee Eight models 2017 to present.

Fits 2017 to present Touring & Trike and all 2018 to present Softail

144438 Clutch kit with 10 friction and 9 steel plates (OEM 37000258)



144439 Heavy-duty clutch kit with friction plates, steel plates and 3 Heavy Duty springs (OEM 37000287)

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



ALTO CLUTCH KITS FOR MILWAUKEE EIGHT

Alto Products is one of the largest independent aftermarket manufacturers of clutch plates in the USA. As they are in business for more than 40 years, you can be sure that they know all ins and outs of clutches. These clutch kits for the "Assist & Slip" clutch feature Alto's new "G3" friction material for extended service and lifetime.

Fits 2017 to present Milwaukee Eight Touring & Trike and 2018 to present Milwaukee Eight Softail

789843 Alto "G3" clutch friction plates, set of 9 (replaces friction plates as in OEM 37000258)

789844 Alto steel drive plates, set of 8 (replaces drive plates as in OEM 37000258)

789845 Alto PowerPack clutch with 11 "G3" friction plates and 10 performance steel plates

789846 Alto SE style performance clutch with 10 "G3" friction plates and 9 steel plates (OEM 37000287)

Fits 2013-2017 Twin Cam with "Assist & Slip" clutch.

760717 Includes 9 Kevlar friction plates, 8 steel plates and a set of 3 heavy duty springs (OEM 37000118)

Fits 2017 to present Milwaukee Eight Touring & Trike & 2018 to present Milwaukee Eight Softail

760717 Includes 9 Kevlar friction plates, 8 steel plates and a set of 3 heavy duty springs (OEM 37000118)

760716 Includes 10 Kevlar friction plates, 9 tempered steel drive plates and a set of 3 heavy duty springs (OEM 37000287)



BARNETT "SCORPION" CLUTCH

Barnett Tool & Engineering developed these CNC machined billet steel and aluminum clutches as "The High Performance Clutch" for Harleys. The "Scorpion" clutch features over twice as much friction area compared to the stock clutch, and provides a smooth, linear, positive engagement and release for ease in finding neutral as well as smooth, positive shifting. Steel spacers on the clutch pack ends ensure no wear on the aluminum surfaces. The "Scorpion" clutch incorporates 6 Heavy-Duty coil springs instead of the stock diaphragm spring. In addition, Barnett includes extra spring sets to tune the clutch from Mild Street to wild race. Tune-ability is easy without the removal of the primary cover. The Barnett Scorpion clutch is designed for wet or semi-wet applications and is compatible with any primary oil. Can be fitted with standard tools, a special Scorpion clutch hub tool to ease removal is separately available, as well as clutch lock plates to lock the outer clutch basket to the inner hub.

751261 Fits 2011 thru 2017 Twin Cam models, except those with Screamin' Eagle hydraulic clutch

751260 Fits 2011 thru 2017 Twin Cam models with Screamin' Eagle hydraulic clutch

789837 Fits 2017 to present Touring & Trike and 2018 to present Softail

Optional tools

751222 Clutch lock plate for Scorpion clutches on 1998-1999

Big-Twin and 1999 to present Twin-Cam

722099 Scorpion clutch hub puller

Replacement clutch packs with clutch friction plates and steel plates

232100 Fits Scorpion clutches on 1998-2000 Evolution Big Twin and 1999-2017 Twin Cam in dry applications

789836 Fits Scorpion clutches on 1998-2000 Evolution Big Twin and 1999-2017 Twin Cam in wet applications



712144

T.P.P. SUPER LIGHT WORKING PERFORMANCE CLUTCH FOR ASSIST & SLIP CLUTCH

When you feel that it takes too much from your hand to pull the clutch the Variable Pressure Clutch (VPC) is the ultimate solution. The VPC gives you reduced spring pressure at idle, but when revving up the bob weights use centrifugal force to put more pressure on the clutch than you could ever achieve with a High Performance clutch spring. It makes for easy clutch lever work from idle to 3,000 RPM, the area where most people need to pull their clutch to shift gear. Some Variable Pressure Clutch features:

- Centrifugal force on the bob weights works like a Lock Up clutch
- Reduces required clutch lever force up to 30% at idle on stock engines
- Improved clutch engagement when revving up
- Better clutch disengagement and feel
- Easier to find neutral
- Installation does not require removal of the primary cover
- Clutch pull becomes heavier when RPM increases



STARTER CLUTCH PINION AND CLUTCH BASKET RING GEAR

The ring gear is made from aircraft quality hardened 8620 steel with a black oxide finish. Must be crimped onto the OEM clutch basket. Installation instructions included. The starter clutch pinion gear features a 20% larger gear and rollers than the factory replacement. Comes complete with two O-rings. Made in the USA by Barnett Tool & Engineering. Fits 2006 Dyna and all 2007-2017 Twin Cam.

745998 Starter clutch pinion

745999 Starter ring gear with 106 teeth

Fits 2013-2017 CVO Softail, 2013-2016 CVO Touring, all 2017 to present Milwaukee Eight Touring (except CVO) & all 2013 to present Milwaukee Eight Trike

712119 Torque-adjustable to up to 140ft/lbs of torque. Up to 25% less clutch lever effort for stock engines. Includes clutch springs

Fits 2017 to present CVO Touring

712143 Torque-adjustable to up to 140ft/lbs of torque. Up to 25% less clutch lever effort for stock engines. Includes spacer ring for the derby cover and shim set

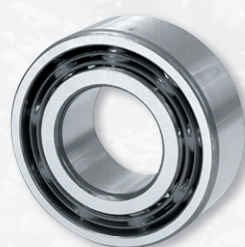
Fits 2018 to present Milwaukee Eight Softail

712144 Includes clutch springs for use from stock up to 130ft/lbs of torque. Up to 30% lever effort reduction on stock engines. Install with stock clutch springs when your bike has more torque



"SERIES-K96" KEVLAR CLUTCH KITS

Barnett is leading the wave of the future with the development of these smooth working, long lasting "Series-K96 Kevlar" clutches. Test results show that Barnett's asbestos free "Series-K96" clutches lasted 12 times longer than asbestos clutches and 3 times longer than semi-metallic.



DOUBLE ROW CLUTCH BEARING

Replacement clutch housing bearing.

239903 Fits 1990 thru 2010 Evolution Big Twin & Twin Cam (OEM 37906-90)

234573 Fits 2011 to present Twin Cam & Milwaukee Eight (OEM 37906-11)

Accessories and replacement parts

- 712142** Derby cover spacer ring as supplied with ZPN 712143
- 712145** Replacement O-ring for derby cover spacer

**MÜLLER POWER CLUTCH**

Müller's power clutch provides smoother and easier clutch lever operation. This is the perfect solution for everyone who experiences "heavy" clutch operation. Comes complete with instructions and all necessary hardware.

- 741237** Fits all Big Twin models 1987-2000, Twin Cam models 1999-2017 and Milwaukee Eight Softail 2018 to present
- 741546** Fits aftermarket Right Side Drive transmissions

NEW**MÜLLER EASY PULL HYDRAULIC CLUTCH**

Hydraulic clutches are usually way easier to operate as a cable clutch, but the OEM Harley hydraulic clutch seems to be the exception on the rule. Müllers Easy Pull hydro clutches are Made in Germany and give a 35% lever effort reduction on Twin Cams and even 45% lever effort reduction on Milwaukee Eights. They are a direct replacement for the OEM hydraulic slave cylinder that is fitted behind a cover on the right side of your transmission. Nobody sees, but you can really feel the difference.

Fits 2014-2016 FLSS Softail Slim S, 2014-2016 FLSTFBS Fat Boy S and all 2014-2016 Touring models

- 744337** Müllers Easy Pull hydraulic clutch slave cylinder for Twin Cam

Fits all 2017 to present Touring and Trike models

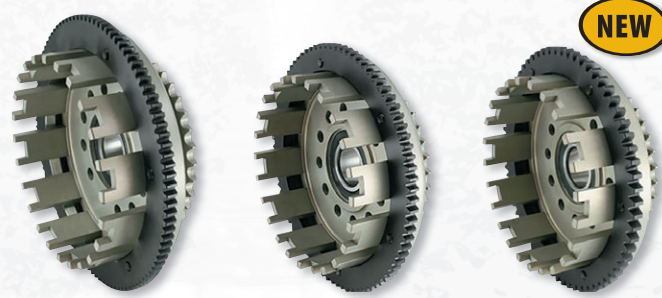
- 744338** Müllers Easy Pull hydraulic clutch slave cylinder for Milwaukee Eight

**TWIN CAM AND MILWAUKEE EIGHT OIL TRANSFER FIX**

A simple solution for a well known problem on hydraulic clutch equipped Twin Cam and Milwaukee Eight models. Fluid is being drained from the transmission into the primary, causing leaking primaries or broken transmissions. Most owners do not even know they are having this problem since very few check fluid levels. Simply replace the stock clutch pushrod with this one and your problem is cured.

Fits hydraulic clutch equipped 2015-2016 Twin Cam Touring & Trike, 2017 to present Milwaukee Eight Touring & Trike, 2015-2017 Twin Cam Softail and 2018 to present Milwaukee Eight Softail

- 700900** Milwaukee Eight "oil transfer fix" clutch push rod (OEM 37000218)

**BARNETT'S SCORPION CLUTCH BASKETS**

Barnett Scorpion one-piece clutch baskets are precision machined from 7075 aluminum and hard anodized. They are designed for use with a stock or Barnett Scorpion clutch to give you all the advantages of the latest clutch technology.

Fits 2006-2017 Dyna, 2007-2017 Softail and 2007-2016 Touring & Trike.

Install with stock bearing.

- 789839** Clutch basket without starter ring gear
- 789859** Clutch basket with starter ring gear

Fits 2017 to present Milwaukee Eight Touring & Trike & 2018 to present Milwaukee Eight Softail. Install with stock starter ring gear and clutch hub bearing

- 789838** Clutch basket without starter ring gear

**HYDRAULIC CLUTCH FOR TWIN CAM**

Convert your stock cable operated clutch into an easy to operate hydraulic clutch that requires 30% less effort. Clutch conversion kits fit all cable clutch equipped 1987-2017 Touring, Softail and Dyna. Kits feature a slave cylinder that replaces the stock ball-and-ramp system in the clutch control cover on the right side of the transmission. Step-by-step installation instructions are also included to allow for an easy conversion.

Note: Twin Cam models with the stock 6-speed transmission require a small modification on the inside of the stock clutch control cover.

Clutch conversion kits with line, slave cylinder and a clutch master cylinder with a smooth top

- 054107** Chrome
- 054108** Black

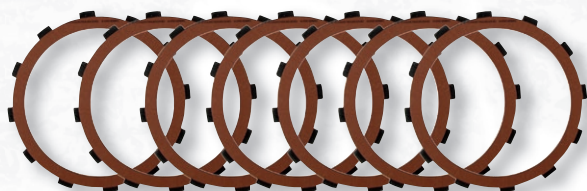
Replacement parts

- 054109** Clutch line with slave cylinder
- 053123** Replacement clutch lever
- 053127** Replacement clutch lever only, black
- 054110** Clutch master cylinder rebuild kit, 10.5mm bore

Brake master cylinder rebuild kit

- 144125** Fits 9/16" bore

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20	FASTENERS
21	MIRROR
22	WINDSHIELD
23	OIL, CHEMICALS & TOOLS
24	TECHTIPS & CROSS REF > ZPN
25	CROSS REF ZPN > PAGE
26	ALPHABETICAL INDEX



NEW

ALTO CLUTCH PLATES FOR 2014 TO PRESENT INDIAN

Alto's automotive clutch manufacturing experience has been utilized in the production of motorcycle clutch components, both friction, as well as steel. Alto claims all their products are researched, engineered and produced to meet or exceed all Original Equipment manufacturer's specifications, ensuring precise fit and ease of installation. They are 100% manufactured in the USA in Alto's own state-of-the-art-tool, die and machine shop. Absolute control over the high quality is maintained without the need to rely on outside vendors. Alto produces two distinctly different friction plates. Their tried-and-true "Alto Red" friction material has a unique dual-saturation which is endowed with high-grip frictional properties, heat resistance and very low wear-coefficient. Also available is their Aramid friction lining for superior wear and heat dissipation. Street, strip, or track, Alto clutch components will do a superior job in a most cost effective manner. All Alto aftermarket clutch components are thoroughly tested before they are offered for sale.

Fits all Indian Scout models 2014 to present

789855 Contains 9 Red Eagle bonded friction discs (as in OEM clutch kit 2202434)

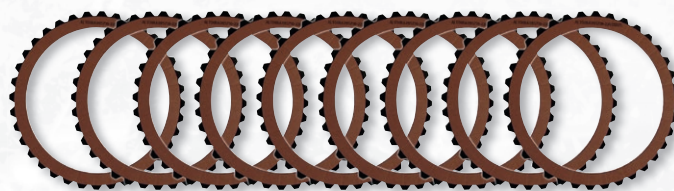
789856 Contains 9 Aramid bonded friction discs (as in OEM clutch kit 2202434)

789857 Contains 9 steel drive plates (as in OEM clutch kit 2202434)

Fits all Indian models (except Scout) 2014 to present

789853 Bonded friction disc, 7 required, sold each (as in OEM clutch kit 2205282)

789854 Steel drive plate, 6 required, sold each (as in OEM clutch kit 2205282)



NEW

ALTO CLUTCH PLATES FOR 2001-2013 VICTORY

Alto's automotive clutch manufacturing experience has been utilized in the production of motorcycle clutch components, both friction, as well as steel. Alto claims all their products are researched, engineered and produced to meet or exceed all Original Equipment manufacturer's specifications, ensuring precise fit and ease of installation. They are 100% manufactured in the USA in Alto's own state-of-the-art-tool, die and machine shop. Absolute control over the high quality is maintained without the need to rely on outside vendors. Alto produces two distinctly different friction plates. Their tried-and-true "Alto Red" friction material has a unique dual-saturation which is endowed with high-grip frictional properties, heat resistance and very low wear-coefficient. Also available is their Aramid friction lining for superior wear and heat dissipation. Street, strip, or track, Alto clutch components will do a superior job in a most cost effective manner. All Alto aftermarket clutch components are thoroughly tested before they are offered for sale.

789850 Contains 9 Red Eagle bonded friction discs (as in OEM clutch kit 2202434)

789851 Contains 9 Aramid bonded friction discs (as in OEM clutch kit 2202434)

789852 Contains 9 steel drive plates (as in OEM clutch kit 2202434)