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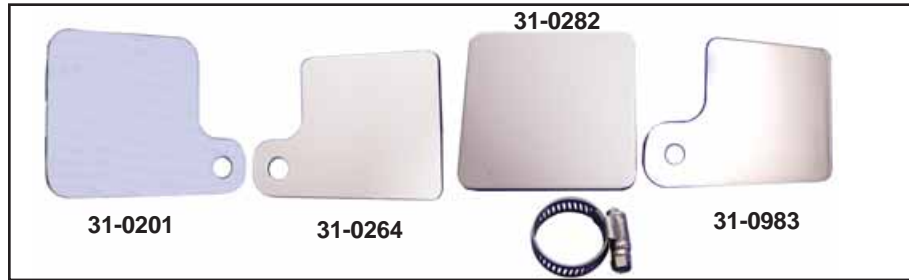
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Inspection Tag Plate



Remote Inspection Tag Holder First Offered by V-Twin Mfg. in 1969

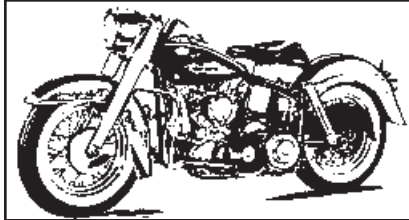


Inspection Tag Plate is available in stainless or chrome. Measuring 3 1/2" square with 1/2" or 3/8" mounting hole which can mount to footpeg or shock studs. 31-0282 is square type which clamps on to 1" to 1 1/8" tube with worm clamp included.

VT No.	Item	Type
31-0201	Stainless	.5"
31-0264	Chrome	.5"
31-0983	Chrome	3/8"
31-0282	Chrome	Clamp



Sky King Replica Tricycle features aerodynamic 1936 styling, All steel construction with 16" front wheel, functional decorative headlamp, solid rubber tires and coil spring seat. Unit weighs 26 pounds. For display only.
VT No. 48-0467



Gigantic Poster Mural are 42" x 96" black & white of the models listed. Posters shipped folded flat in a box.

VT No.	Model
48-0087	Servi-Car
48-0091	Indian Chief
48-0099	1947 Knuckle
48-0097	1958 Duo Glide
48-0092	Pan Chopper
48-0089	1970 FLH



Motor Power	110cc Forced Air Cooled
Suspension System	Front Shocks
Transmission	4 Speed
Fuel/Oil	Unleaded Gas
Body Material	Steel & Plastic
Brake	Front and Rear Disc
Wheel	15"
Fuel Tank	.26 Gallon
Ground Clearance	5"
Ignition	Magneto
Starter System	Electric Start
Speed	70 MPH
Range	Street Terrain Tires w/13" rim
Net Weight	156.2 lbs
Gross Weight	200.2 lbs
Max. Rider Weight	330 lbs
Overall Dimensions	67" L x 19" W x 32 H



Spider Mini-Chopper designed for non-highway use for ages 12 and older, for display only.

VT No.	Color
48-1550	Red
48-1552	Black
48-1553	Silver

Scale Model



V-Twin™ Commemorative is 1/25" scale measuring 7" long, lockable coin bank and authentic Tedd Cycle, Inc., V-Twin™ logos and colors.

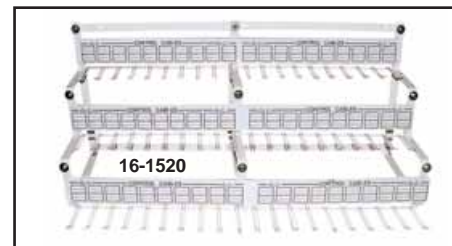
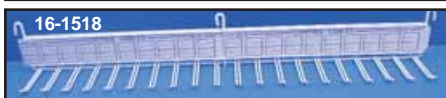
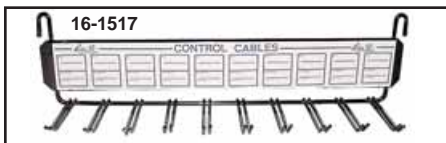
VT No.	Type
48-1261	Dodge (11th Edition)
48-1262	Panel (12th Edition)
48-1263	Chevy Truck (13th Edition)
48-1264	Dodge Pickup (14 Edition)



Cast Iron Toys are collectable, from the original models of the 1920's, last for generation.

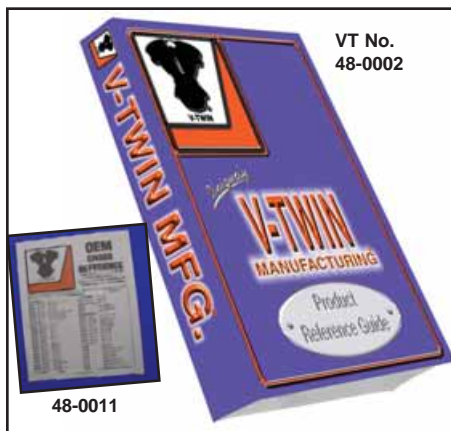
VT No.	Item
48-0700	Large VL, Side Car, 8 1/2" long
48-0160	Police Solo

Cable Racks



Cable Racks have epoxy finish, wall mount.

VT No.	Length	Capacity
16-1517	18"	50
16-1518	36"	100
16-1519	18 x 2	200
16-1520	36 x 3	500



V-Twin Catalog is available for dealers to supply to customers.

VT No.	Item
48-0002	Catalog
48-0036	Catalog with Retail Price Guide
48-0008	Retail Price Guide
48-0011	OEM Cross Reference
48-0003	Update Flyers
48-5010	Catalog CD
48-2102	Price Incentive Flyer
48-0116	OTC Catalog



CD ROM of the V-Twin Mfg Catalog for Computers. For Windows or Macs.
VT No. 48-5010



VT No. 48-0001



VT No. 48-0004

V-Twin™ Dealer Promo Items. V-Twin™ Hours Open Sign in double faced for use on windows or opaque surfaces. V-Twin™ Authorized Dealer Decal is in full color on mylar.

VT No.	Decal
48-0004	Hours
48-0001	Dealer



Promo Labels are great for tool boxes and work-shops.

VT No.	Brand
48-0184	MCM Chrome
48-0185	V-Twin Mfg.
48-0186	V-Twin Replica
48-0187	V-Twin Customizer
48-0188	Sifton Cams
48-0017	Motor Shop Ready
48-0156	Wyatt Gatling



Promo-Counter Postcards available to dealers for their customers. Retail Prices shown
VT No. 48-0115



V-Twin™ Shop Bag. Full color V-Twin™ Logo, 8" x 16" deep. Sold in 50 pack.

VT No.	Type
48-0040	White
48-0054	Clear



V-Twin™ Mfg. Post Mount Sign Kit is a double sided 18 x 24 unit which includes angle bracket.

VT No.	Item
48-0090	Sign with bracket
48-0093	Bracket only



V-Twin Product Sign is constructed of 30 gauge steel measuring 18" x 18"
VT No. 48-1114



Tedd Cycle, Inc. Company Profile Brochure includes credit card application and order forms.
VT No. 48-0159



Wyatt Gatling features metal product logo measuring 18" x 24".
VT No. 48-0103

V-Twin™ Reference



V-Twin™ Catalog Racks are black with a V-Twin logo. Feature steel construction to firmly sit on countertop. The 24" model holds twelve 1" and three 2" catalogs. The 3-ring sections in 1" or 2" size and swivel base are available separately.

VT No.	Item
48-1702*	18" Rack
48-1700*	24" Rack
48-1712	Turntable for Rack
48-1703	1" Ring Section
48-1704	2" Ring Section

*Note: Order ring sections separately.



V-Twin™ Dealer Promo Wall Banner Pack includes banner and (2) V-Twin Catalogs. The banner is in full color. Measures 3' x 6'. Heavy gauge vinyl.

VT No. 48-0068



V-Twin™ Mfg. Metal Dealer Promo Sign Pack includes 3 V-Twin Catalogs and metal sign. The sign measures 18" x 24", in 3 colors on formed steel.
VT No. 48-0108

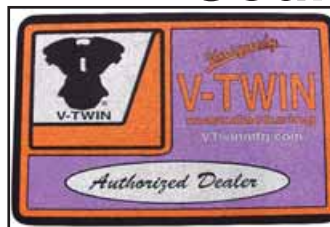


V-Twin Dealer Decal features full color on adhesive vinyl for indoor or outdoor display, measuring 14" x 14".
VT No. 48-0164



Wire Tags in a pack of 50, 1 7/8" x 3 3/4" with wire attached.
VT No. 48-0118

Counter mats



V-Twin™ Counter mat features our colorful logo. Orange, purple and black on carpet.
VT No. 48-0012



H-D Flame Rubber Mat measures 14" x 17".

VT No. 48-0071



Tool Roll



Tool Pouch with duo strap has extra thick leather, measures 8 3/4 x 2 3/4 x 5 1/2. Black.

VT No. 48-3136



FLH Windshield Pouch.

Windshield bag. Heavy oily leather, glued, sewn, riveted. Black, 9" x 3" x 6".

VT No. 48-3125



Double Strap Tool Roll with duo strap. Heavy leather roll, measures 10" x 4 1/2" x 3" tall.

VT No. 48-3112



Heavy Leather Tool Bag with duo strap measures 10" x 4 1/2" x 3", 8 oz. leather. Full grain top leather is tanned oiled and wax treated. Features 4-way adjustable straps for easy mounting.

VT No. 48-3113



Soft Leather Tool Roll features fully padded inside zipper and velcro secured flap. Includes two heavy leather mount straps with roller buckles. The tool roll Measures 11 1/2" L x 4" W x 4 1/4" H.

VT No. 48-3116

48-0570



48-0571



48-0572



Tool Rolls.

VT No.	Type	Type
48-0570	Nylon	Pouch
48-0571	Vinyl	Roll
48-0572	Canvas	Roll

Road Goggles feature original designs with adjustable elastic straps. Face area available in either vinyl or leather, rim around the lens available in black or chrome.

VT No.	Type	Face	Rim	Lens
48-0222	Red Baron	Vinyl	Black	Split
48-0622	Aviator	Leather	Chrome	Smooth



The Original Stadium MK4.

Made in England.

VT No. 48-0223



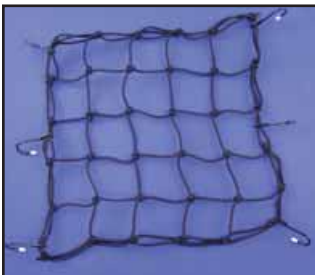
48-0222



48-0622

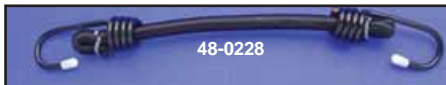
Goggle

Bungee Cord



Helmet Net secures the helmet to the seat with elastic tension.

VT No. 48-0232



48-0228



37-8982

Bungee Cords are black elastic sold in 10 packs.

VT No.	Item
48-0228	12" Single
48-0227	2-12", 4 hook
37-8982	Bungee Nut 3/8 x 24 mounts to stock studs
37-8983	Bungee Nut 3/8 x 16 mounts to stock studs



48-0227

Security



Disc Brake Rotor Lock acts as dead bolt through rotor.

VT No. 48-0703



Chrome Padlock is factory style with 2 keys.

VT No.	Item
48-0121	Lock with 2 Keys
48-1721	Leather Lock Holder



Lockster™ Stainless Steel Lock Holder includes 3/8 allen bolt to mount on frame tubes. Patented by Pingel®.

VT No. 48-0158



Chrome Helmet Lock clamps to 7/8" through 1 1/4" diameter tubing, secures helmet.

VT No. 48-1732



Display Center Stands



16-1600 Installed



16-1600



16-1109



16-1101



16-1110



16-1521 Installed



16-1521



16-1522



16-1511



16-1511 Installed

Display Center Stands show your bikes. Single lever on left side allows bikes to be lifted up on stand. Very little effort required. Entire assembly fits neatly under frame rails. 2 bolt installation. **Caution:** Not intended for use as a ride off stand.

Note: 16-1109, 16-1521, 16-1522 are adjustable.

VT No.	Year	Model	Finish
16-1111	1965-84	FLH	Chrome
16-1600	1980-08	Touring	Black
16-1109	1989-08	Touring	Black/Chrome
16-1101	1989-08	Touring	Chrome
16-1110	2009-up	Touring	Chrome
16-1521	1992-07	ST	Chrome
16-1522	2008-up	ST	Chrome
16-1511	1970-79	FLH	Chrome

DOWCO INC. Covers



Guardian Covers by Dowco feature a Moisture-Guard venting system which eliminates harmful condensation. A flannel liner is provided in the 125 and 100 series to protect the windshield area from unsightly scratches. Standard features include scratch resistant aluminized panel reinforced grommets for use with a cable or bar lock, elastic cord sewn into the entire bottom hem to provide a secure fit.

VT No.	Dow #	Fits
48-2010	G-125	Full Dresser with Fairing, Windshield, Tour Pack, Backrest, etc.
48-2012	G-100	All Twins with Sissy Bars. Will not fit Full Dresser models.
48-2011	G-50	All models without Sissy Bars
48-2013	G-150	XX-Large



Guardian Ultra Lite Covers by Dowco are water resistant nylon with vent-aires to protect your bike from moisture. Reinforced grommets for cable or bar locks and elastic bottom rim for snug fit in burgundy with light gray bottom and include storage bag.

VT No.	Part#	Description
48-2014	Leg-02	Touring/Full Dress (XL)
48-2015	Leg-01	Full Dress (L)

Guardian Custom Bike Covers by Dowco. Available for custom bikes with wheel bases up to 72" and 109". These covers feature soft cotton fabric interior lining to protect painted and chrome surfaces, shock cord hem along the bottom for easy installation, reinforced grommets for use with cable lock to help prevent theft and breathable material that lets damaging moisture escape.

VT No.	Max Wheel Base
48-1228	72"
48-1227	109"



Service

Motor Shop Cylinder Finishing



Power Stroke Hone



Kwik-way Boring Bar



Shop Services Procedure:

- Call for Return Goods Authorization (RGA)#

- Obtain RGA # and return to

Motor Shop Procedure

9 Scobie Drive

Newburgh, New York 12550

- Finished work order will be returned by UPS

Cylinder Boring Service. The V-Twin Motor Shop will bore and hone customers cylinder and fit to next oversize required pistons. Boring will done on a Kwik-way Boring Bar and honing will be done on a v ertical Winona Van Norman Powerstroke Hone for a precision fit. Choose any brand of piston from our catalog section and note VT Part Number on Work Order/Authorization Form. Work will be performed on sets of cylinders only. Pack cylinders with care as we are not responsible for broken fins in shipping.

VT No. 60-0167



Motor Shop Services Cylinder Sleeving. Send in your worn out original cylinder and Motor Shop Services will bore and fit new LA sleeves liner. Cylinder will then be finished honed to V-Twin standard piston size. Work Order Authorization Number required before sending in. Pack carefully as we are not responsible for broken fins. Service is done per cylinder. Sleeves are also available separately.

Service	VT No	Cyl Bore	Application
	Sleeve Only		
60-0124	11-1175	2.750	45" Side Valve
60-0124	11-1176	3.312	61" Knucklehead
60-0124	11-1177	3.422	80" Sidevalve
60-0124	11-1178	3.437	74" Overhead Valve
60-0124	11-1179	88.8 mm	80" Overhead Valve
60-0124	11-1180	3.00	900 cc Sportster
60-0124	11-1181	3.188	1000 cc Sportster

***Note:** Service is for labor charge only to install and hone sleeve. Customer will be billed for service and sleeve.



Spark Plug Hole Service. Motor Shop will Heli-Coil 14 mm spark plug holes on head sets. 15 day turn around. time. Chose Heli-Coil only or Weld-Up and Heli-Coil.

VT No.	Type
60-0168	Heli-Coil
60-0170	Weld/Heli-Coil

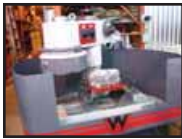
Head Service



Motor Shop Ready!
Ship Heads to V-Twin with turn around time of 15 working days. We will return by UPS!



Sunnen in action!



Head Resurfacing Service is performed on a Winona machine for accuracy and surface flatness .
VT No. 60-0172

Shop Services Procedure:

- Call for Return Goods Authorization (RGA)#
- Obtain RGA # and return to
Motor Shop Service
9 Scobie Drive
Newburgh, New York 12550
- Finished work order will be returned by UPS

Cam Bushing



Motor Shop Cam Bushing Service will replace bushings in BT cam cover for 1936-up models.
VT No. 60-0133



Motor Shop Cam Cover Bushing Service will install new bushings in right side case and cam cover for 1957-up XL models.
VT No. 60-0131



Service Performed on Sunnen VGS20



Motor Shop Ready Head Remanufacturing Service. available as a valve job only or as a valve seat/valve job remanufacturing service. We will glass bead heads, install new cast iron guides, nitrated coated valves, spring, collars and keepers for both services. For valve seat service all of the above will be done with the addition of installing new no-lead valve seats. Heads must

be in rebuildable condition and will be done in sets only . Service will be performed on a Sunnen Valve Machine that will insure correct v valve stem to seat alignment. For stock lift cams.

Valve Job Service	Valve Seat/ Job Service	Item
11-9049	11-9050	1948-65 Panheads
11-9048	11-9051	1966-80 Shovelheads
11-9047	11-9052	1981-84 Shovelheads
11-9046	11-9055	1986-up Evo Big Twin
11-9045	11-9053	1957-69 Sportster
11-9044	11-9057	1970-82 Sportster
11-9043	11-9054	1983-85 Sportster
11-9042	11-9056	1986-up Sportster



Flywheel ReManufacturing

- Shop Services Procedure:**
- Call for Return Goods Authorization (RGA)#
 - Obtain RGA # and return to
Motor Shop Service
9 Scobie Drive
Newburgh, New York 12550
 - Finished job will be returned by UPS



Motor Shop Ready Long Block or Short Block Remanufacturing Service. Ship in your assembled long block or short block and we will disassemble and glass bead base, remanufacture flywheels, inspect oil pump and reassemble with new bearings, washers, races and hardware. Early lower ends (1936-69) will be



Motor Shop Flywheel ReManufacturing Service. We will install new shafts, crank pin, rollers, cages and wrist pin bushings for years listed. Service includes flywheel truing. Dynamic balancing is also available for any flywheel remanufacturing service for an smoother running engine.

fitted with new case races and line honed for proper fit. Long block remanufacturing service will include short block service plus the addition of a cylinder boring, new piston, valve job and assembly with new hardware. Call shop service for RA# prior to return.

Short Block Remanufacturing	Long Block Remanufacturing	Year
60-0176	60-0178	1936-57
60-0177	60-0179	1958-99

VT No.	Item
10-0115	1929-73 45"
10-1110	1930-36 VL
10-0114	1936-48 74" & 80" SV
10-0122	1970-72 Shovelhead
10-0123	1973-86 Shovelhead
10-1104	1987-89 Evo, 1340
10-1102	1990-99 Evo, 1340
10-0124	1957-76 XL, XLH
10-1100	1977-80 XL
10-1101	1981-86 XL
10-1103	1987-99 XL
10-1111	1936-39 Knuckle 61"
10-0116	1940-47 Knuckle 61"
10-1109	1941-47 Knuckle 74"
10-0117	1948-53 Panhead 74"
10-0118	1954-55 Panhead 74"
10-0119	1956-57 Panhead 74"
10-0120	1958-64 Panhead 74"
10-0121	1965-69 Pan & E Shovel
60-0123*	Dynamic Balancing for the Above

*Note: Requires purchase of a V-Twin Piston Kit

Flywheel Exchange for TC-88



VT No	OE	Year	Model
60-0250	23912-00	2000-02	FXST
60-0251	23971-03A	2003-06	FXST
60-0252	23912-07	2007-up	FXST
60-0253	23957-99D	1999-02	FXD
60-0256	23904-03	2003-06	FXD
60-0255	23904-03	2007-up	FXD
60-0253	23957-99D	1999-02	FLT
60-0256	23904-03	2003-05	FLT
60-0253	23957-99D	2006 Only	FLT
60-0255	23729-07	2007-up	FL T
Stroker			
10-1520	23728-07A	1999-06	Touring
		1999-05	FXD
10-1521	23727-07A	2000-06	ST
10-1522	23729-07	2006	FXD



Flywheel Assembly Installation. This service includes pressing flywheel shaft into left side bearing and setting up required crankshaft end play. Parts extra as required.
VT No. 60-0173



Motor Shop Alternator Sealing Ring Replacement Service. Ship in 1970-up left hand case with damaged O-Ring lip and we will machine out and replace with new steel sealing ring.

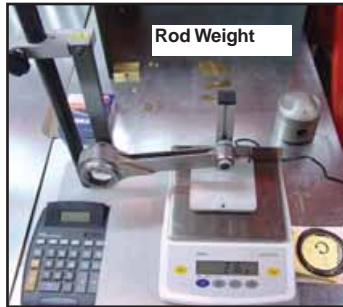
VT No. 60-0164

FLYWHEEL REMANUFACTURING SERVICE.

We will install new shafts, crank pin, rollers, cages and wrist pin bushings for years listed. Ship your rebuildable matched right and left Flywheels with connecting rods and we will return the Flywheel C.O.D. and notify you if any extra charges are incurred during the rebuilding. Tedd Cycle, Inc. original service since 1969 with a turn around time of 15 working days.



Flywheel Balancing



Rod Weight



Rod Weight



Bob Weight



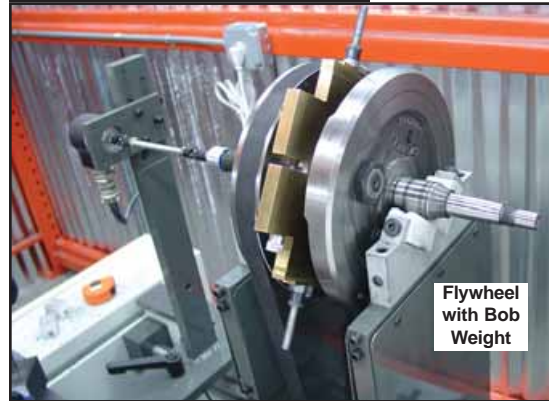
60-0169



Ring & Pin Weight



Piston Weight



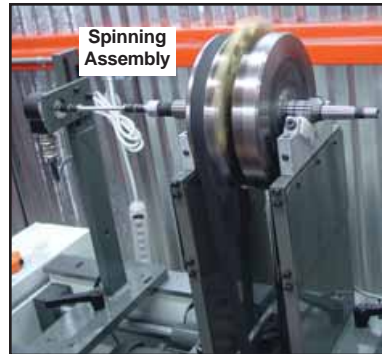
Flywheel with Bob Weight



Weight Removal



Balancing Machine



Spinning Assembly

Dynamic Flywheel Balancing. We use the latest in Sunnen Technology to balance flywheels and rods with appropriate piston.

VT No.	Service
60-0169	True/Balance
60-0173	Case Installing 58-up
60-0180	Case Installing 36-57

Case Boring



Precision Case Boring Service.

- V-Twin Motor Shop will use a vertical mill to enlarge the cylinder hole or head chamber to accept Big Bore Spigot barrels.
- Ship cases to V-Twin with a turn around time of 15 days.

VT No.	Type
60-0165	Case
60-0171	Heads



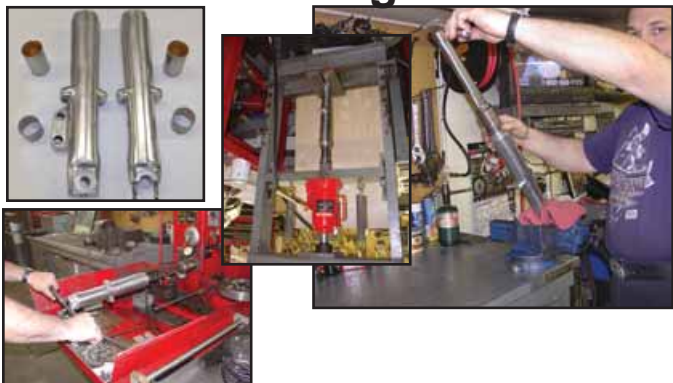
Breather Valve Service



Motor Shop Ready Breather Valve Machining Service can be performed on any 1936-99 Big Twin Right Hand Case. Breather hole will be honed out and fitted with a +.030 steel breather valve. If Breather Hole will not clean up with oversize machining process we also offer sleeving service requires boring of breather hole and then fitting with sleeve. We will then final hone and fit with standard size breather valve. Ship in your right hand case and we will return to you by UPS with a turn around time of 15 working days.

O/S Service	Sleeving Service	Fits
60-0156	60-0159	1936-47
60-0157	60-0160	1948-77
60-0158	60-0161	1978-99

Fork Bushing Service



Fork Leg Bushing Service.

We will remove old bushings, install and size new bushings to Standard I.D. for new fork tubes. Service includes new bushings and labor.

VT No.	Years	Model
60-0150	1949-76	FL, FLH
60-0155	1984-up	FXST-FLT

FX Models

60-0151	1952-72	FX
60-0152	1984-87	FX
60-0153	1988-up	FX

XL Models

60-0151	1952-72	XL
60-0152	1984-87	XL
60-0153	1988-up	XL

Leg Assembly Service. We install internals and lower leg on to fork tubes.

VT No. 60-0166



Early Spring Fork Rebuilds. Send us your early springer fork (pre1958) any model and we will rebuild completely. Includes new bushings, studs, bearings, locks and washers. Rockers and powder coating available at additional cost spring inspection assessment done replaceable at additional cost.

VT No.	Item
60-0190	Complete Spring Fork Rebuild
60-0191	As Above with New Rockers
60-0192	As Above with Powder Coating
(Black Only)	Strip/Phosphorize/Coat
60-0193	As Above with Powder Coating and New Rockers

Wheel Truing



Since 1969! Wheel Building Service

Select any of our hubs, a set of spokes including stainless steel, chrome, twirled or diamond spokes and rim. We will lace and true in our plant. The finished wheel will be shipped in 24 hours. Complete wheel will be billed as follows: Rim, Spokes, Hub & Labor. Service limited to components in stock.

VT No. 60-0125

Exhaust Port



Exhaust Port Replacement Service. Available for both Pan and Shovelhead applications. Ship in old disassembled cylinder heads and the broken or stripped exhaust ports will be replaced with new factory style exhaust ports. Service includes ports as shown.

VT No.
60-0162
60-0163

Replacement Service
Panhead
Shovelhead

4-Speed/5-Speed



Motor Shop Ready Big Twin 4-Speed/5-Speed Transmission Remanufacturing Service.

Ship in your fully assembled transmission and we will disassemble and glass bead case, replace mainshaft, countershaft, thrustwashers, bearings and reassemble with new hardware. All gears will be reused unless they are damaged and then customer will be advised of added cost early transmission (1936-76) will be fitted with new main drive race and sized for correct roller. Call shop service for RA# prior to return.

VT No.	Year
60-0174	1936-76
60-0175	1977-84
60-0183	1986-99

5 To 6 Speed Conversions 1994-2005.

Ship in your 5 Speed Transmission and we will glass bead and install a complete 6 speed conversion kit. This service will be performed in house by our highly experienced machinist. Transmission will be shipped back to you fully assembly and tested ready to "bolt in." All you do is add oil.

VT No. 60-0184



Tool Kit



VT No. 16-0841 for 1930-40 SV-VL-ULH



VT No. 16-0842 for 1941-48 SV-VL-ULH

V-Twin Rider Tool Kits. Complete kits, supplied as appropriate for each year and model; includes canvas tool roll. Entire kit fits individual kidney shaped tool box!

Tool Kits

VT No. Fits

16-0849 1957-70 XL
16-0846 1977-84 XL
16-0853 1985-up XL
16-0746 1986-up XL, TC-88 ST
16-0850 1979-84 FLT
16-0857 1985-up FLT
16-0854 1985-88 FXST, 1986-88 FLST
16-0856 1989-up FXST, 1989-up FLST

Early Tool Kits.

16-0843 1936-57 61&74 OHV
16-0844 1958-72 OHV
16-0840 1929-73 45" & Solo
16-0841 1930-40 SV-VL-ULH
16-0842 1941-48 SV-VL-ULH

1989-up Softail Tool Kit



Universal Rider Tool Kit includes zippered vinyl case.
VT No. 16-0910

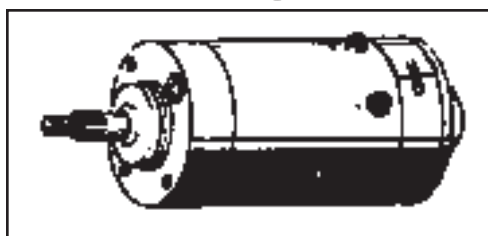
Tool Kits and Tool Rolls Only.

VT No.	Type	Type
16-1007	Kit	1989-up ST models
48-0570	Nylon	Pouch
48-0571	Nylon	Roll
48-0572	Canvas	Roll

Generator Rebuilding Service

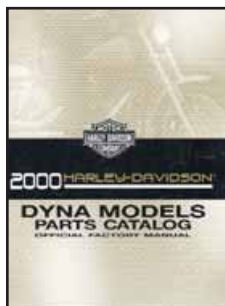
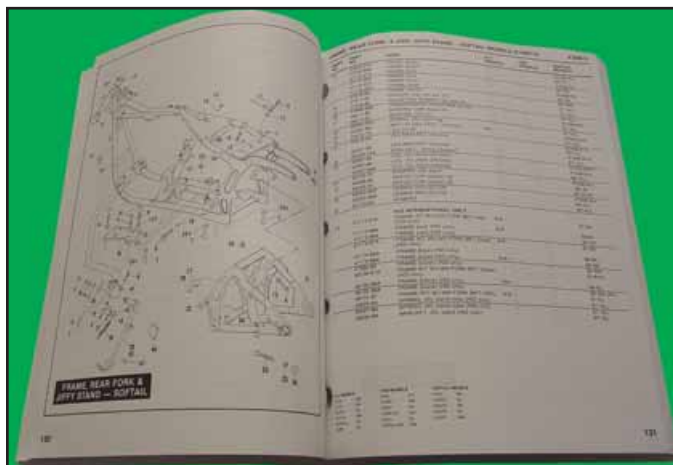
Motoshop Services. We now offer generator rebuilding service for original H-D generators. Send us your old, tired, worn out generator and we will completely rebuild with new field coils, armature, brushes, seals, gear and corresponding regulator. All units are tested for correct output. specify regulator type desires.

VT No.	Item
60-0200	12 Volt 2 Brush for 1965-up Generator
60-0202	6 Volt 2 Brush for 1958-64 Generator
60-0203	6 Volt 3 Brush for 1930-57 Generator
60-0204	Convert 3 Brush 6 Volt to 2 Brush 12 Volt
60-0205	6 Volt 2 Brush for cooled generator 1958-64





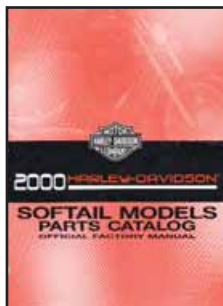
Big Twin Parts Book



48-0680



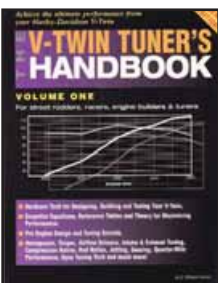
48-0604



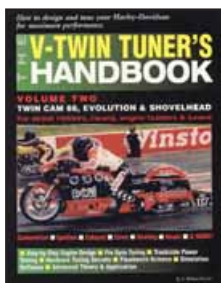
48-0679



48-0800



48-0801



48-0799

Big Twin High Performance Guide includes new performance secrets for horsepower gain. 238 pages.

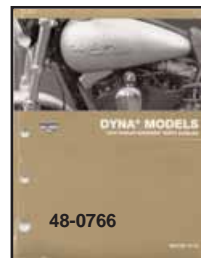
V-Twin Tuner Handbook I includes essential equations, reference tables and theory for maximum performance, pro engine design and tuning secrets. 158 pages.

V-Twin Tuner Handbook II instructions on how to design and tune for maximum performance, step by step scientific engine design, advance theory and design. 270 pages.

VT No.	Type
48-0800	Performance Guide
48-0801	Tuner's Handbook I
48-0799	Tuner's Handbook II



V-Twins™ OEM Cross Reference Guide with cross factory number to V-Twin Numbers on over 20,000 items.
VT No. 48-0011



Spare Parts Books provide detailed exploded views and OEM factory numbers for specific models.

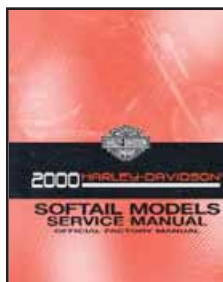
VT No.	OEM	Years/Model
48-0330	99456-84B	1941-84 FLH
48-0333	99455-83C	1971-84 FX
48-0972	99455-86A	84-86 FXST, 85-86 FX
48-0973	99439-83B	1982-83 FXR
48-0974	99439-86A	1984-86 FXR
48-0591	99426-99	1999 FXR ²
48-0592	99427-99	1999 FXR ³
48-0601	99429-00	2000 FXR ⁴
48-0976	99450-90A	1987-90 1340 Big Twin
48-1558	99450-92	1991-92 Big Twin
48-1590	99450-94	1993-94 1340 Big Twin
48-0986	99450-90	1995-96 1340 Big Twin
48-0970	99438-83B	1980-83 FLT
48-0971	99438-86B	1984-86 FLT
48-0950	99456-97	1997 FLT
48-0698	99456-98A	1998 FLT
48-0709	99456-99A	1999 FLT
48-0678	99456-00A	2000 FLT
48-0602	99456-01	2001 FLT
48-0620	99456-02	2002 FLT
48-0718	99456-03	2003 FLT
48-0625	99456-04	2004 FLT
48-0727	99456-05	2005 FLT
48-0735	99456-06	2006 FLT
48-0765	99456-07	2007 FLT
48-0770	99456-08	2008 FLT
48-1238	99456-09	2009 FLT
48-1299	99456-10	2010 FLT
48-0951	99439-97	1997 Dyna
48-0811	99439-98A	1998 Dyna
48-0710	99439-99	1999 Dyna
48-0680	99439-00	2000 Dyna
48-0603	99439-01	2001 Dyna
48-0619	99439-02	2002 Dyna
48-0719	99439-03	2003 Dyna
48-0624	99439-04	2004 Dyna
48-0728	99439-05	2005 Dyna
48-0736	99439-06	2006 Dyna
48-0766	99439-07	2007 Dyna
48-0771	99439-08	2008 Dyna
48-1239	99439-09	2009 Dyna
48-1300	99439-10	2010 Dyna
48-0952	99455-97	1997 Softail
48-0997	99455-98A	1998 Softail
48-0711	99455-99	1999 Softail
48-0679	99455-00A	2000 Softail, deuce
48-0604	99455-01A	2001 Softail, deuce
48-0618	99455-02	2002 Softail
48-0720	99455-03	2003 Softail
48-0623	99455-04	2004 Softail
48-0729	99455-05	2005 Softail
48-0737	99455-06	2006 Softail
48-0767	99455-07	2007 Softail
48-0772	99455-08	2008 Softail
48-1240	99455-09	2009 Softail
48-1301	99455-10	2010 Softail
48-0617	99457-02	2002 VRSC
48-0721	99457-03	2003 VRSC
48-0621	99457-04	2004 VRSC
48-0730	99457-05	2005 VRSC
48-0738	99457-06	2006 VRSC
48-0768	99457-07	2007 VRSC
48-0773	99457-08	2008 VRSC
48-1241	99457-09	2009 VRSC
48-1302	99457-10	2010 VRSC

Flat Rate Manual estimates job time for repair and replacement of parts.
VT No. 48-1727

Spare Parts Books provide OEM numbers with exploded views to help identify exact parts required for each year application & range of fitment for each part.



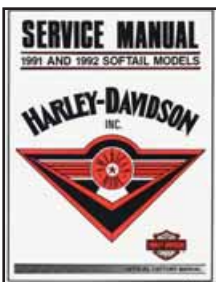
Big Twin Factory Service Manual



48-0683



48-0992



48-1561



48-0716



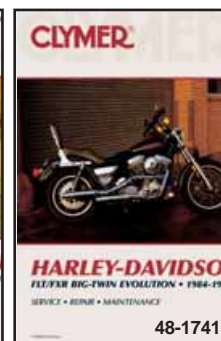
48-0715



48-0629



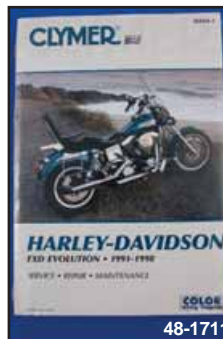
48-1740



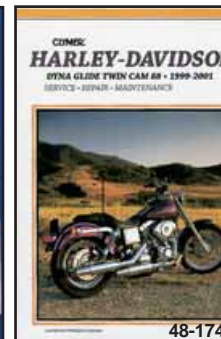
48-1741



48-1753



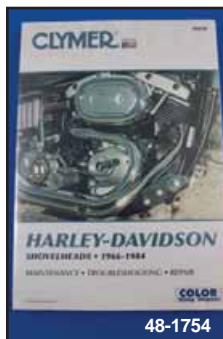
48-1711



48-1749



48-1755



48-1754

Clymer Repair Manuals contain tips from engine tuning to complete wiring. Feature exploded views and photos, step by step instructions. New editions.

VT No.	Year/Model
48-1740	1984-99 FXST-FLST
48-1741	1984-94 FLT-FXR
48-1753	1995-98 FLT-FXR
48-1711	1991-98 Dyna
48-1749	1999-01 Dyna
48-1755	1999-05 Dyna
48-1707	1966-84 Shovel
48-1759	2000-05 FXST-FLST
48-1754	1999-05 FLT



48-0626



48-0627



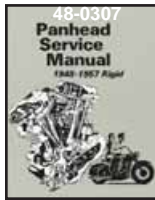
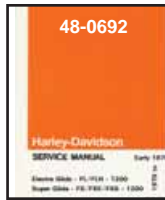
48-0628

Service Manuals for years listed. Manuals cover disassembly, renewal and reassembly procedures. Includes information about engines, electrical systems, frame and forks, fuel system, transmissions, wheels and more.

VT No.	OEM	Year/Model
48-0692	99482-78	1970-E78 FL-FX
48-0696	99482-84	1978/2-84 FL-FX
48-0663	99483-83	1980-83 FXR-FLT
48-0993	99483-90	1984-90 FXR-FLT
48-1560	99483-92	1991-92 FXR-FLT
48-1587	99483-94A	1993-94 FXR-FLT
48-1745	99483-96	1995-96 FXR-FLT
48-0593	99480-99	1999 FXR ² /FXR ³
48-0607	99480-00	2000 FXR ⁴
48-0954	99483-97	1997 FLT
48-0697	99483-98	1998 FLT
48-0706	99483-99A	1999 FLT
48-0682	99483-00A	2000 FLT
48-0608	99483-01	2001 FLT
48-0612	99483-02	2002 FLT
48-0714	99483-03	2003 FLT
48-0626	99483-04	2004 FLT
48-0731	99483-05	2005 FLT
48-0752	99483-06	2006 FLT
48-0759	99483-07	2007 FLT
48-0774	99483-08	2008 FLT
48-1234	99483-09	2009 FLT
48-1295	99483-10	2010 FLT
48-0852	2006-09	Side Cars
48-1577	99481-92	1991-92 Dyna Glide
48-1588	99481-94	1993-94 Dyna Glide
48-1793	99481-96	1995-96 Dyna Glide
48-0955	99481-98	1997-98 Dyna Glide
48-0707	99481-99A	1999 Dyna Glide
48-0684	99481-00	2000 Dyna Glide
48-0609	99481-01	2001 Dyna Glide
48-0613	99481-02	2002 Dyna Glide
48-0715	99481-03	2003 Dyna Glide
48-0627	99481-04	2004 Dyna Glide
48-0732	99481-05	2005 Dyna Glide
48-0753	99481-06	2006 Dyna Glide
48-0775	99481-07	2007 Dyna Glide
48-0760	99481-08	2008 Dyna Glide
48-1235	99482-09	2009 Dyna Glide
48-1296	99482-10	2010 Dyna Glide
48-0992	99482-90	1985-90 FXST-FLST
48-1578	99965-89	1989 Big Twin International
48-1561	99482-92	1991-92 FXST-FLST
48-1589	99482-94	1993-94 FXST-FLST
48-1744	99482-96	1995-96 FXST-FLST
48-0956	99482-98	1997-98 FXST-FLST
48-0708	99482-99	1999 FXST-FLST
48-0683	99482-00A	2000 FXST-FLST, deuce
48-0610	99482-01	2001 FXST-FLST, deuce
48-0614	99482-02	2002 FXST-FLST
48-0716	99482-03	2003 FXST-FLST
48-0628	99482-04	2004 FXST-FLST
48-0733	99482-05	2005 FXST-FLST
48-0754	99482-06	2006 FXST-FLST
48-0761	99482-07	2007 FXST-FLST
48-0776	99482-08	2008 FXST-FLST
48-1236	99482-09	2009 FXST-FLST
48-1297	99482-10	2010 FXST-FLST
48-0615	99501-02	2002 VRSC
48-0717	99501-03	2003 VRSC
48-0629	99501-04	2004 VRSC
48-0734	99501-05	2005 VRSC
48-0756	99501-06	2006 VRSC
48-0769	99501-07	2007 VRSC
48-0777	99501-08	2008 VRSC
48-1237	99501-09	2009 VRSC
48-1298	99501-10	2010 VRSC

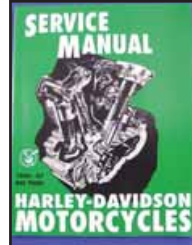


Book & Manual



Service Manuals for years listed.

VT No.	Years	Model
48-0310	1940-58	45 Models Solo
48-1564	1959-73	Servi-Car
48-0299	1929-52	45 Engine Only
48-0308	1940-47	Knuckle + 74 & 80 Flathead
48-0316	1940-47	Big Twin, Knuck
48-0307	1948-57	Panhead, Rigid
48-1718	1959-69	Pan-Shovel
48-0692	1970-E78	Shovel



Clymer Manuals.

VT No.	Year
48-1706	1948-65 Pan
48-1707	1959-85 Shovel



Mechanics and Owners Guide for 1941-1959 Harley-Davidson OHV Big Twins by Kirk Perry, drawings, photos and tips.

VT No.	Volume
48-1958	1
48-1959	2



Spare Parts Books provide detailed exploded views and OEM factory numbers for specific models. Parts Books provide OEM numbers with exploded views to help identify exact parts required for each year application and range of fitment for each of those parts

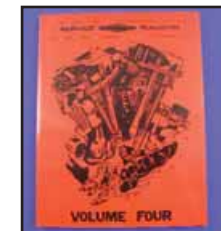
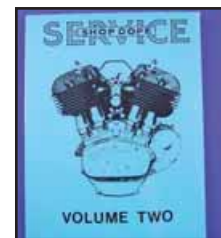
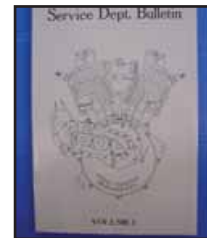
VT No.	Years/Model
48-0336	1913-21 Twins
48-0323	1936-48 Knuckle & Flat BT
48-0309	1941-54 74-80, 45 Servi
48-0314	1949-57 Pan
48-0313	1958-68 BT
48-0306	1954-65 K-XLH-XLCH
48-0304	1940-52 45 Solo
48-0319	1958-73 Servi Car



How To Restore Your H-D. 640 pages.
VT No. 48-1738



Cross Index cross references old 6 digit factory part numbers with new 7 number listing. Helps reference obsolete numbers in old parts books, 53 pages.
VT No. 48-0331

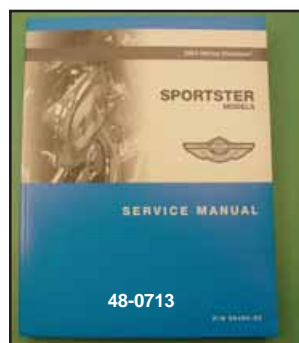


Factory Service Bulletins. "Shop Dope" is a compilation of service tips from factory to dealers for years listed. Great for trouble shooting. Bound.

VT No.	Year	Volume
48-0329	1912-26 Twins	1
48-0311	1930-40 Twins	2
48-0305	1941-56 Twins	3
48-0320	1957-69 Twins	4

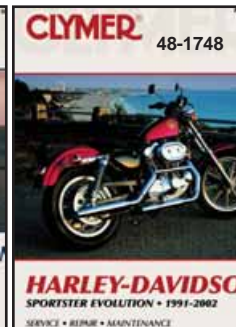


Parts Book & Service Manual for XL's



Service Manuals for years listed. Manuals cover disassembly, renewal and reassembly procedures. Includes information about engines, electrical systems, frame and forks, fuel system, transmissions, wheels and more.

VT No.	OEM	Application
48-1719	99484-69	1959-69
48-0659	99484-78	1970-78
48-1723	99484-85	1979-85
48-0990	99484-90	1986-90
48-1559	99484-92	1991-92
48-1586	99484-94	1993-94
48-0808	99484-96	1995-96
48-0964	99484-97	1997
48-0704	99484-98	1998
48-0705	99484-99	1999
48-0681	99484-00	2000
48-0606	99484-01	2001
48-0611	99484-02	2002
48-0713	99484-03	2003
48-0723	99484-04	2004
48-0726	99484-05	2005
48-0755	99484-06	2006
48-0757	99484-07	2007
48-0778	99484-08	2008
48-1233	99484-09	2009
48-1303	99484-10	2010

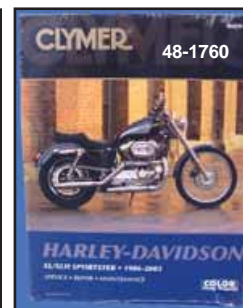


Spare Parts Books provide OEM numbers with exploded views to help identify exact parts required for each year application & range of fitment for each part.

Spare Parts Books provide detailed exploded views and OEM factory numbers for specific models.

VT No.	OEM	Application
48-0306	—	1954-65
48-0322	99426-77	1977 Cafe
48-0332	99451-78B	1954-78
48-0977	99451-85A	1979-85
48-0978	99451-90	1986-90
48-1557	99451-92	1991-92
48-1591	99451-93	1993-94
48-0987	99451-96A	1995-96
48-0953	99451-97	1997
48-0676	99451-98A	1998
48-0712	99451-99A	1999
48-0677	99451-00A	2000
48-0605	99451-01	2001
48-0616	99451-02	2002
48-0722	99451-03	2003
48-0724	99451-04	2004
48-0725	99451-05	2005
48-0739	99451-06	2006
48-0758	99451-07	2007
48-0779	99451-08	2008
48-1232	99451-09	2009
48-1304	99451-10	2010

Note: For our Product Descriptions "XL" denotes for Sportster models (including XLH, XLCH, XLS).



Clymer Repair Manuals for XL's. Contain tips from engine tuning to complete wiring. Features lots of exploded views and photos, step by step instructions. New editions.

VT No.	Application
48-0587	1959-85
48-0533	1986-90
48-1748	1991-02
48-1756	2004-up
48-1760	1986-03



Finish

VHT Special Finishes 13 oz. size, each.

- | | |
|---------------|---|
| VT No. | VHT Finish |
| 41-0123 | Black wrinkle |
| 41-0125 | Flame proof 1350 flat |
| 41-0149 | Heat Silver finish |
| 41-0124 | Black oxide paint |
| 41-0126 | Black epoxy enamel gloss |
| 41-0144 | Black barrel paint satin restores factory look to cast iron cylinders |



41-0126



41-0149



41-0144



41-0123



41-0125



41-0124



PJ1 Chain Lube is a heavy duty chain lube for street or off road.

- | | |
|---------------|-------------|
| VT No. | Size |
| 41-0132 | 6 oz. |
| 41-0133 | 17 oz. |



Lube

Balance Plus and Tire Sealer precision balances tire through centrifical force allows for continuous balancing for life of tire, no need to remove weights. Eight oz. bottle does one tire.

VT No. 41-0153



Simi Chrome is the original German formula. Available in case of 24 tubes in a display box.

VT No. 41-0117



PJ1 Blue Label is heavy duty. Won't fly off.

- | | |
|---------------|-------------|
| VT No. | Size |
| 41-0134 | 8 oz. |
| 41-0135 | 18 oz. |



Air Filter Oils and Cleaners. K&N type is for paper elements. Unifilter type for foam elements.

- | | | |
|---------------|-------------|-------------------|
| VT No. | Size | Item |
| 41-0171 | 12 oz. | K&N Cleaner |
| 41-0172 | 6.5 oz. | K&N Oil |
| 41-0173 | 16 oz. | Unifilter Cleaner |
| 41-0174 | 5.5 oz. | Unifilter |



X-Trem Products are sold each.

- | | | |
|---------------|-------------|---------------|
| VT No. | Size | Item |
| 41-7001 | 32 oz. | Cycle Cleaner |
| 41-7010 | 8 oz. | Cycle Wax |



Kreem Heat Coating protects pipes from bluing.

VT No. 41-0163



Chrome Guard is a heat resistant coating for exhaust pipes, sold each.

VT No. 41-0161



PJ1 Cable Lube cleans and lubricates in one application, 11 oz. can.

VT No. 41-0175



Nevr-Dull Wadding Polish is a cotton wadding to clean and polish chrome aluminum and brass. Tear off a small wad and rub surface to be cleaned, then polish with a dry cloth, leaving a protective film, 5 oz. can.

VT No. 41-0119



Super Cleaner by PJ1 Points and Spark Plug Cleaner removes grease and dust, while displacing moisture. 13 oz. size.

VT No. 41-0128



Motor Oil



41-0162



41-0179



Spectro Oils. Special Blend in Premium or Golden synthetic blends, in quarts.



Motor-Trans-Primary-Fork Lubes OE type, including semi-synthetic transmissions lube for 4 and 5-Speed Big Twin FL-FXR-FXST models.

VT No.	OEM	Model/Type	Qty
41-0183	99816-2050	Motor SAE 20-50-360	12
41-0184	99816-50	Motor SAE 50-360	12
41-0185	99816-60	Motor SAE 60-360	12
41-0162	99892-84 BT	Trans, Synthetic	Ea
41-0192*	99851-05	BT Trans Formulated	Ea
41-0178	99880-73	B Type Fork Oil	Ea
41-0179	99884-80	E Type Fork Oil	Ea
41-0191	99881-87	SE Type Fork Oil	Ea

*Note: Also for Sportster Primary.

VT No.	Type	Blend	U/M
41-0108	70 wt	Premium	12
41-0114	60 wt	Premium	12
41-0115	50 wt	Premium	12
41-0109	20-50 wt	Premium	12
41-0155	20-50 wt	Synthetic Blend	12
41-0189	20-50 wt	Full Synthetic	12
41-0156	Primary BT	for Wet Clutch	12
41-0160	Synthetic Trans	1984-up 5 Spd, 75W-140 GL-1 5 Spd Big Twin	1
41-0186	85W140	Premium Trans Lube	12
41-0193	75W140	Platinum 6-Speed Trans Lube	12
41-0157	20 wt Fork Oil	Type E	12
41-0158	40 wt Fork Oil	Heavy	12
41-0159	14.5 oz.	Waterproof Grease	1



Screamin' Eagle Synthetic 20W50 Lubricant can be used in engine, transmission and primary chain case on all Evo, BT, Twin Cam and Evo XL models. Quart bottles, case of 12.

VT No. 41-0188



16 oz. Fork Oil.
VT No.
Weight
41-0148 10W
41-0136 20W
41-0116 30W

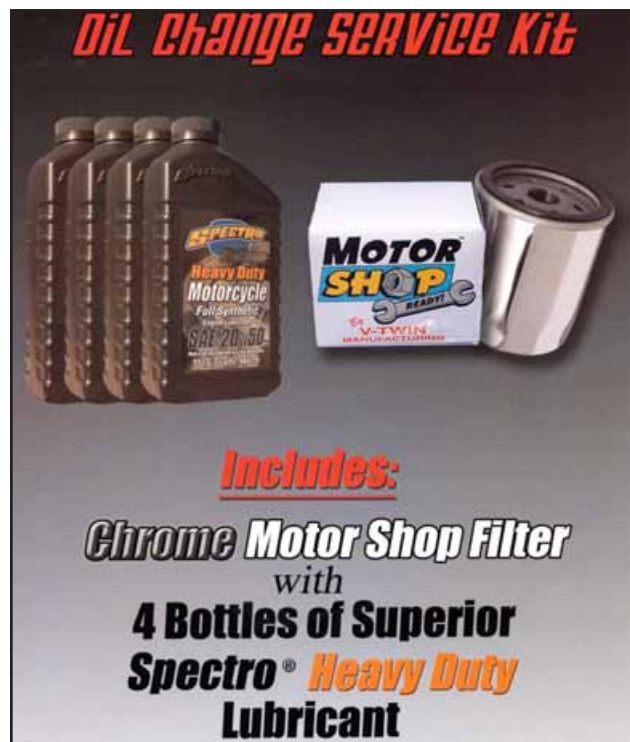


Gear Oil SAE 90 Heavy Duty Gear Lube. Non-foaming oil specially formulated for transmissions. Sold each.
VT No.
41-0130



Brake Fluid in DOT 3 for disc or drum, or DOT 5 for special requirements. Sold each.

VT No.	Size	Type
41-0142	12 oz.	DOT 4
41-0145	12 oz.	DOT 5



VT No.	Fits
41-0050	1984-88 FXST, 1980-98 FLT, 1982-94 FXR, 1984-up XL
41-0051	1991-98 Dyna
41-0052	1999-up All TC-88 Big Twins

Tools



Oil Filter Wrench fits all spin on filters. 3/8" drive. Fits all models and TC-88.
VT No. 16-0743



Oil Drain Reservoir. 2.5 gallon. Low profile fits under frames on ST and FLT models.
VT No. 16-0585



Sealant



Thread Lockers and Repair by Loctite.

VT No.	Item/Size
41-2710	271 Red threadlocker High Strength, 6 ml.
41-2900	290 Green threadlocker Med Strength, 6 ml.
41-2420	242 Blue threadlocker Med Strength, 6 ml.
41-5921	Pipe Sealant with Teflon, 6 ml.
41-8166	Form-A-Thread for stripped threads, .44 oz.
41-1202	Tank Repair Flexible Ribbon Seals, .25 oz.



Kreem Sealer & Kits. Pint can of tank sealer, producing tank within a tank, stopping leaks and corrosion. Prep cleaner & conditioner sold as kit or as 3 piece combo kit.

VT No.	#	Item
41-0110	C	Kreem Sealer
41-0112	A, B	Prep
41-0113	A, B, C	Kit
41-0180		Tank Degreaser
41-0181		Tank Surface Mask
41-0163		Blue Shield Exhaust coating, Pint



GE Red Hi-Temp Silicone 2.8oz tube.
VT No. 41-0182



Würth® DP300 Sealer has strong adhesive properties, 100 gram tube stands heat to 300°C.
VT No. 41-0187



Gasket Related Materials by Permatex.

VT No.	Item/Size
41-8116	Hi-Temp RTV Silicone Permatex, 3 oz.
41-8064	Remover Permatex, 16 oz.
41-8001	Form-a-gasket No. 2 Sealant, 3 oz.
41-8006	Hi-Tach Spray-A-Gasket Sealant, 4.75 oz.
41-8005	Clear Silicone Adhesive Sealant, 3 oz.
41-8003	Valve Grinding Compound, 1.5 oz.
41-8195	Ultra Slick Engine Assy Lube, 4 oz.
41-8034	White Lithium Grease, 1.5 oz.
41-2510	Fast Orange Hand Cleaner Pumice, 7.5 oz
41-0038	Prussian Blue



Gasoila Sealant available in hard setting red varnish or soft set blue/white with teflon. Red Sealant is the original sealer for inside crank cases or cam covers for sealing pin holes on porous surf aces. Blue/White seals threaded joints on pipe threads and fittings. Both types are insoluble in oil, gas and solvents. The 1/4 pint can includes brush, each.

VT No.	Item
41-0151	Red Varnish
41-0152	Blue/White soft set



Gasgacinch Gasket Sealer in a 4 oz can sold each.
VT No. 41-0168



Handy B.O.B. Motorcycle Air Lift features drop out rear panel, 1500 capacity, foot pedal operation and a 40" max lift height. Requires 90-100 psi of air for operation. Includes wheel vise.

VT No.	Item
16-1985	Lift
16-1984	13" Front Extension
16-1983	12" Side Extension



Handy Motorcycle Air Lift is designed for all shops. Ideal for raising up to 1000 pounds to 31" level for working on an infinite number of products. The Handy Air Lift is powered by a rugged pneumatic cylinder from your air source and allows operator to set up for up and down with automatic limit shut off. Packed in a 7" high package, when lift is in down position, for ease of on and off loading of machine. Cycle Vise wheel clamp fixture also included.

VT No.	Item	Height	Down 7"
16-1990	Air Lift w/Clamp		Raised 31"
16-1991	Wheel Clamp	Length	Table Ramp 80"
16-1986	13" Front Ext.	Width	Table 24"



Handy Airlifts are stocked in both New York and Kansas City warehouses. Requires full payment before shipment. We then ship prepaid freight charges to your address. Lift uses 100lbs. of air to operate.



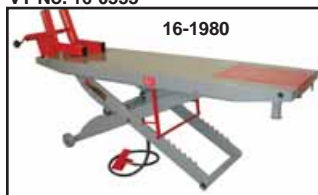
Tie Downs are 1" x 5'6" in length, 1600 lb strength, 2 per set. Tie downs assist is pair of 12" black nylon straps which acts as cinch around part of the cycle first, then hook tie down to the other end of the loop, to prevent scratching.

VT No.	Item	Brand
48-0180	Tie Downs	V-Twin
48-0182	Tie Downs	Wright
48-0650	Tie Down Assist	Wright



Lean-Right Service Tool is designed so that any XL can be leaned over on either the right or the left side by hooking tool to bottom frame rail. Features a rubberized coating to prevent scratching of frame.

VT No. 16-0553



S.A.M. 1000 Air Lift features 1000 lb lifting capacity, 84" table length, maximum work height of 30". Drop out rear panel and requires 90-100 PSI of air to operate. Includes wheel clamp.

VT No.	Item
16-1980	S.A.M. 1000 Lift
16-1982	Wheel Clamp



Mini-Lift use with table lift to raise bike while on table with 3" to 12" range 600lbs.

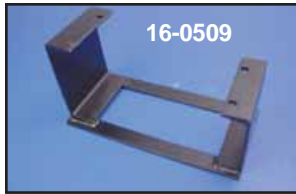
VT No. 16-0211



Motor and Transmission Work Stand



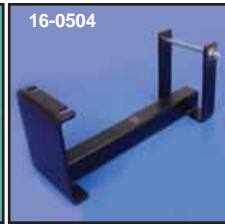
16-0507



16-0509



16-0506



16-0504

Transmission Stands are welded steel for shop use.

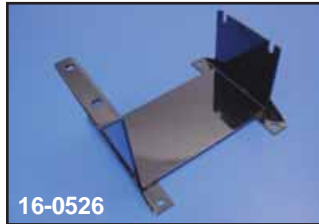
VT No.	Type
16-0506	4 Speed Trans, Vise Mount
16-0504	5-Speed Rubber Mount



16-0501



16-1013



16-0526

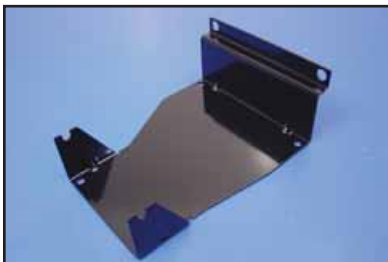
VT No.	Type
16-0507	1952-03 XL
16-0509	Big Twin Engine, Heavy
16-0501	Big Twin Engine, STD
16-1013	Big Twin Engine
16-0526	TC-88 Engine
16-1285	45 SV



16-1285



16-1285



TC Beta Engine Stand
 • Powder coated steel.
 • Clears the rear balancer housing of the Beta style TC case.
 VT No. 16-1273



Transmission Repair Fixture is a 4 position mount carriage in which a retractable pin allows transmission to be positioned in horizontal 45° right or left or full vertical. This will assist in loading gear-shaft groups or kick cover assemblies. Includes tab to affix chain for locking 4th gear main drive nut. Fits 4 or 5 speed cases.

VT No. 16-0508



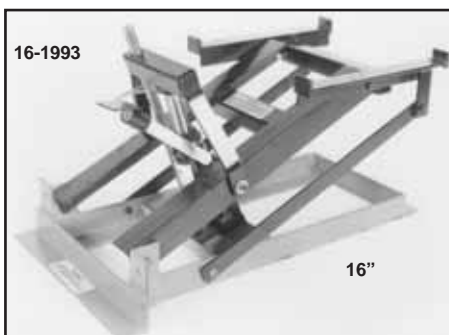
Note: Motor installed.

Motor Stand with motor base fits 1936-99 Big Twin and 1999-up TC-88 solid mount engines. Will mount to most universal engine dollies which are available at most automotive outlets. Auto engine stand not included.

VT No. 16-0543



V-Lift



16-1993

16"



16-2008

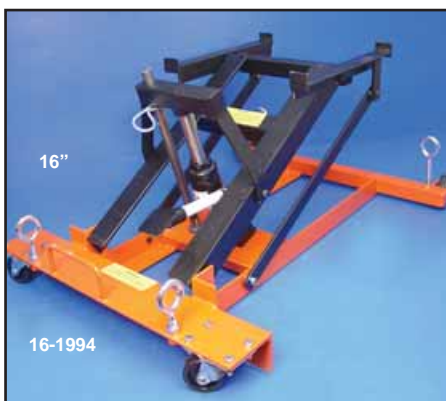
24"

Standard V-Lifts include a jack which features a foot operated pump and release mechanism. Both units include a stay bar to keep lift in full up position when in use. Units are 4 1/2" in their unextended height. Lift top is compatible with 1936-99 Big Twin frames FXST-FLT-FLST-FXH. The FXR, Sportster and Dyna models require adapters as noted.

VT No.	Height	Jack
16-1993	16"	4 ton
16-2008	24"	6 ton

Jack Replacement.

16-2007	6 Ton
16-2006	4 Ton



16"

16-1994

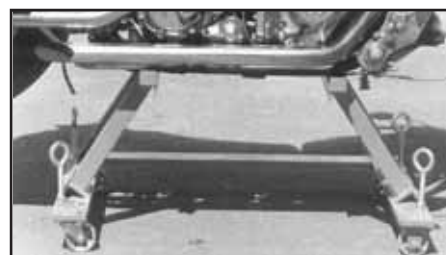
Moto Shop Lift has 16" lifting height, 1200 lb capacity, jack with foot operated pump and release mechanism, four 3" steel swivel casters, heat treated shoulder pivot bolts, four eye lock floor levelers, tie down hooks and stay bar with locking device. Locking device keeps lift in full up position. Lift is compatible with 1936-99 Big Twin frames. Unextended height is 4 1/2".

VT No.	Item
16-1994	Big Twin Lift

Lift Adapters fit all V-Lifts and Moto Shop models. FXR-FXD models can be lifted with the kickstand in the retracted position.

VT No.	Fits
16-2015	FXD-FXR, 1982-98
16-2028	FXD, 1999-up

All C-G lifts are manufactured in the USA using structural steels that exceed the lifting requirements. The lift mechanism keeps the motorcycle in a vertical position relative to the lifting platform during the entire lifting range. For the safe operation of the lifts, the manufacturer recommends the use of tie down on all models equipped with eyebolts and installation of hairpin cotter as supplied in safety bar when lift is in use.



Dolly Supports Project Motorcycles during construction



Roller Dolly is used as a building stand or work station and facilitates the moving of bikes or projects out of the way. 16" tall dolly straddles all V-lifts, Moto Jack and Moto

Shop lifts allowing 1936-99 Big Twin (except FXR-FLT-FXD) only to be lowered on dolly. Dolly comes with 4 wheels, 2 swivel and 2 fixed. Includes 4 eye bolts on corners which act as floor levelers and tie down hook posts. The 16" dolly accepts VT No. 16-1993, 16-1994, 16-2004, 16-2008, 16-2013, 16-2003 lifts. Not compatible with adapter plates.

VT No. 16-1995



Standard Lift Trolley allows 16" standard lift to be placed on trolley which will allow the unit to be rolled out of your shop. Unit includes (4) four 3 1/2" swivel wheels.

VT No. 16-2016

Wheel Chock



Pingel® Wheel Chock features quick mounting and removal by sliding in and out of slotted mount pads. Chock is a chrome steel tube. Mounting kit also available separately. The appearance of the Wheel Chock including the cross brace is a trademark of Pingel Enterprises. The brackets used in the Wheel Chock are patented.

VT No.	Item
16-1501	Chock w/mounts, 16", 18" or 19" wheels
16-1503	Chock with mounts, 21" wheel
16-1502	Mount Kit

Chrome Wheel Chock will accommodate tires up to 5.5" wide with mounting kit included.

VT No. 16-2525



Air Blaster



Metro Air Force Blaster the fastest easiest way to dry a bike. Features rugged all steel construction, 4.0 peak HP motor (29,000FPM), 10 foot hose and four interchangeable attachments. Blows clean filtered air.

VT No. 16-1879



Blaster Sidekick Dryer. A compact powerful handheld dryer that weighs approximately 3 lbs. and includes a 12' power cord, rubber neoprene nozzle and air flare attachment.

VT No. 16-1880



Original Style Factory Type Crank Truing Machine features cast Iron Construction. Designed to true stock style fly wheels. 10" swing right side, 6" swing left side, 18" maximum center to center. Weighs over 80 pounds.

VT No. 16-1000



Flywheel Rebuilding Fixture. Allows servicing and disassembly of flywheels in a standard shop vise. Holds unit from turning when tightening nuts, when installing or removing sprocket and pinion shafts.

VT No. 16-1002



Sprocket Shaft/Flywheel Holder used to hold flywheel assembly in vise with or without left case attached. Can also be used to check case clearance on stroker flywheels. Use on all TC-88, 2006-up FXD's, 2007-up FL's and FXST's.

VT No. 16-0326



Jims Case Splitter. Use this tool to break the case sealant by pushing apart both case halves. Use on 2006-up Dyna and 2007-up FXST-FLT models.

VT No. 16-1354

Flywheel Tool



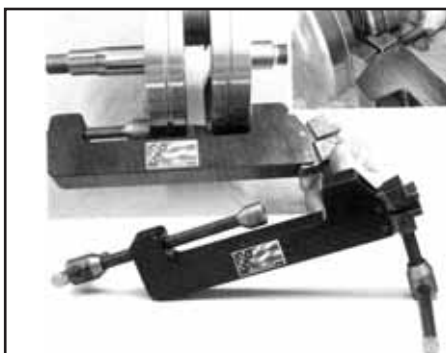
Flywheel Truing Hammer is a three pound zinc aluminum that lasts longer than a lead hammer and is still soft enough so that it will not mar flywheels.

VT No. 16-1020



Flywheel Thrustwasher Tool holds washer in place while staking. Punch included. Fits 71-up Big Twin, 79-86 XL.

VT No. 16-1785



Flywheel Truing Tool to fine tune flywheel assemblies when truing. This tool features both a flywheel expander, and contractor in one easy to use package. Use on all tapered shaft flywheel assemblies.

VT No. 16-0325



1930-54 BT Flywheel End Play Gauge.

VT No. 16-0131



Crank Assembly Removal Tool is used to press flywheels from cases, press cases apart and break sealant bond, for 1955-up Big Twin, by Jims.

VT No. 16-1839



Flywheel Nut Sockets feature a low profile of 1" tall to give 100% nut contact, machined flat at nut receiving end to eliminate rounding off the nut, by Jims.

VT No.	Nut OEM	Fits	Drive
Crank			
16-1808	23967-54A	54-81 XL	1/2"
16-1809	23966-54A	54-81 BT	1/2"
16-1810	23969-83	83-up BT	1/2"
16-1813	23901-81	81-up XL	1/2"
16-0887	23901-81	81-up XL	3/4"
Pinion			
16-1811	24017-80	81-89 BT	1/2"
16-0886	24017-80	81-89 BT	3/4"
Sprocket			
16-1812	24017-80	72-up BT	3/4"



Flywheel Spreader Tool spreads wheels while truing for Big Twins and XL's.

VT No. 16-0517

For TC-88 B



16-1375



16-1379

Twin Cam Timken® Case Bearing Conversion Tool is a must for the big cubic inch late model Twin Cam 88" or 96" engine. Utilizing the special Jims precision insert, it is designed to easily and accurately convert the left side crank roller bearing (OEM# 24604-00D) to the more durable Timken Bearing (OEM# 9028). This insert is manufactured from aluminum that is several times stronger than the aluminum case material the standard bearing rides in. The tool includes:

- A new steel bearing insert held under .002" TIR (total indicator reading).
- A press plate that will hold the bearing insert in line with the case bearing bore at the time it is being pressed into case.
- All the necessary drill bits to drill oil feed and return holes, hardware and detailed instructions.

This job can be performed with normal hand tools, a hand drill and a 2 ton press.

Use on Twin Cam engines 2003 to the present. Must also use existing Jims Tool (16-0668) for race installation. Order bearing inserts and Timken Bearings separately.

VT No. Item

16-1375 Tool

16-1379 Bearing Insert

60-0181 Motor Shop Service to Machining Crankcase for above Insert requires work order number contract service dept



Piston Pin Tool



Rod Clamping Tool allows rod to be held for straightening or to replace wrist pin bushing. **Bushing Piston Pin Tool** will remove and install bronze bushing.

VT No.	OEM	Tool	Brand
16-0029	95952-33	Clamping Tool	V-Twin
16-0152	95970-32	Bushing Tool	Jims
16-0154	95970-32	Bushing Tool	V-Twin



Wrist Pin Bushing Reamer for 1973-99 late size Big Twin, 1957-up XL models, TC-88 models. By Jims.

VT No.	Fits
16-0725	1936-99 BT
16-0726	1957-up XL
16-0727	TC-88



Motion-Pro Shop Tools.
VT No. Item
16-1737 Piston Pin Press Tool



Wire Type Wrist Pin Circlip Tool easily installs and removes wrist pin clips without damage on 1984-up.
VT No. 16-0075



Piston Pin Lock Ring Installer Tools.

VT No.	OEM	Type	Years	Model
16-0142	96780-32A	Split	1932-51	All Models
16-1757	96780-58A	Spiral	1952-73	All Models
16-1831	96781-72	Spiral	1973-77	All Models
16-0987	34623A	Ring	1984-up	Evolution All



Piston Pin Align Tool fits through wrist pin bushings.
VT No. Type
16-1747 Early
16-1148 TC-88

Rod Tool



Rod Race Press Tool for easy installation or extraction of rod races makes it easy to support without bending rods for 74's and Sportsters.

VT No.	Brand
16-0147	V-Twin
16-1838	Jims



Rod Clamping Tool allows rod to be held for straightening or to replace wrist pin bushing. 95952-33.

VT No.	Item
16-0029	Tool
37-1045	Thumb Screw Only



Jims Timken Bearing Race Installer is used to press race in straight in left crank case for 1969-up BT, 1977-up XL's.

VT No. 16-0668



Jims TC-88 Connecting Rod Bushing Tool use to remove and replace wrist pin bushing without removing connecting rods from crankcase.

VT No. 16-1051



Jims TC-88 Wrist Pin Remover allows easy removal of wrist pins on all TC-88.

VT No. 16-1276

Oil Pump



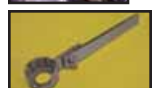
Sifton Oil Pump Check Ball Reseater will recut the seat to allow the ball to sit properly to prevent sumping for BT and XL aluminum and cast iron pumps.

VT No. 16-0519



Sifton Oil Pump Pressure Relief Plunger Tool is designed to safely remove the pressure relief plunger from oil pump without damaging the oil pump bore. Can also be used in priming of the oil system before start-up. Use on all Big Twins with aluminum type oil pump.

VT No. 16-0210



Oil Pressure Switch Wrench installs and removes oil pressure switches without damage to the switch, the extension handle is not used when servicing Sportsters used on 1340cc Evo, and late 1983-84. Sportster replaces 34816.

VT No. 16-0990



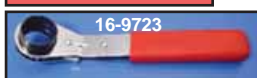
Oil Pump Snap Ring Installer makes it easy to install outer snap ring on oil pump shaft, without stretching the ring. Just apply oil to ring expander, holder up to the big end of ring expander, hold up to the end of the shaft, then push ring onto the shaft with sleeve. Use on Big Twin Oil Pumps.

VT No. 16-0889



Oil Pump Seal Installer easily installs oil pump seal perfectly below gear surface for no leak fit.

VT No. 16-0890



Oil Pressure Sending Unit Wrenches. These reversible ratcheting wrenches are used to install and remove oil pressure indicator lamp or gauge sending unit on all FL Touring models 1999-up.

VT No.	Item	Year
16-9723	Sending Unit	1999-up
16-9724	Sending Unit	1984-98



Tappet Oil Screen Plug Tool. Wide slot type to remove stock slotted plug without removing exhaust pipes.

VT No.	Brand
16-0875	V-Twin
16-0665	Jims



Oil Pump Drill Jig replaces 94461-81 for installation of factory type updated pump VT No. 12-9900 on 1973-78 crank cases.

VT No. 16-1843



Oil Pump Drill Fixture allows drilling of cases to accept late model stock or S&S oil pumps.

VT No. 16-0986



Crankshaft Installer



16-0065



16-0058

Sprocket Shaft Bearing Removal & Installation Tool. Removes and installs engine sprocket shaft bearings from crankcase. Use with 33416 driver handle. Replaces 94547-80. 2 part set, 4 halves.

VT No.	Item
16-0058	2 Part Set
16-0065	Driver



16-0138



16-0045



16-0046

Bearing Race Press Plug is used to remove and install Timken Bearing Outer Race.

VT No.	Fits
16-0138	1955-up Big Twin, (97194-57)
16-0045	1957-76 XL
16-0046	1977-up XL



16-0140



16-0149



16-1056

Sprocket Shaft Timken Bearing Installer Tool.

VT No.	OEM	Year	Model
16-0140	97225-55	1955-up	Big Twin
16-1836	As Above	Jims	
16-0149	97081-54	1954-76	Sportster
16-1837	As Above	Jims	
16-1056	42579	1977-up	Sportster
16-1760*	2.500 Long	1977-up	Sportster
16-1761*	2.060 Long	1977-up	Sportster

*Note: Sold separately for 1977-up use with 16-0149 & 16-1837.



Crank Pin Nut Clearance Gauge.

VT No.	Year
16-1855	1937-57
16-1866	1958-up



16-1758



16-1758

Sprocket Shaft Timken Bearing Inner Race Puller.

VT No.	OEM	Model
16-1829	96015-77B	1977-E81 XL's
16-1758	96015-52	1952-76 XL's



16-0667



16-1833



16-1834



16-0704



Timken Bearing Removers remove bearing from shaft without removing shaft from flywheels.

VT No.	Fits
16-0667	1957-76 XL
16-1833	1977-up XL
16-1834	1955-85 Big Twin
16-0704	1986-up Big Twin



16-0661



16-0664

Sprocket Shaft Seal Installer use this kit to install sprocket shaft seal to proper depth, and for holding the seal perfectly square, for a no leak fit. Driver sold separately, order 16-0664.

VT No.	Use
16-0661	1995-up Sportster and Buell®
16-0664	Driver Set



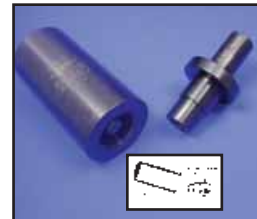
Timken Bearing Simulator allows quick and easy removal and replacement of flywheel assembly in the left crankcase when checking clearances before the final assembly. Constructed of Delrin plastic.

VT No. 16-0706



Sprocket Shaft Holder will hold the flywheel in vise, without left case attached. Use on Big Twin 1955-up. By Jims.

VT No. 16-0683



Jims Crankshaft Bushing Remover/Installer will facilitate removal and installation of bushing in cam support plate on TC-88 model engines.

VT No. 16-0791



16-1796



16-1795

Main Bearing End Plug Tool allows the setting of proper end play in Big Twin Timken Bearing Assemblies by selection of proper spacer from the catalog. Use when refitting bearings or bearing sets on late models when spacers are not included. Not needed for our VT No. 12-0309 or 12-0310 Timken sets, these are pre-spaced from the factory.

VT No.	Fits
16-1795	Big Twins
16-1796	1977-up XL's



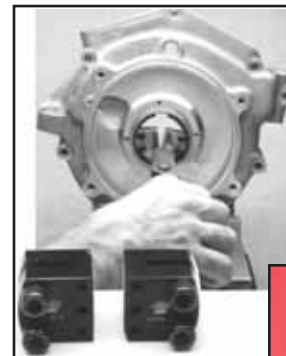
Sprocket Shaft Bearing & Seal Installation Tool Adapter upgrades Jims bearing installer tool (VT No. 16-1353) for work on fine-splined Twin Cam sprocket shafts. Allows for installation of Timken bearing (OEM# 8028) & roller bearing race assembly (OEM#24004-03) onto the sprocket shaft. For Dyna Glide; all 2007 BT.

VT No. 16-1364



Jims Crankshaft Bushing Remover/Installer will facilitate removal and installation of bushing in cam support plate on TC-88 model engines.

VT No. 16-0791



1990-up Big Twin Snap Ring Remover will remove the Timken Bearing outer race snap ring without damage to the case.

VT No. 16-0705

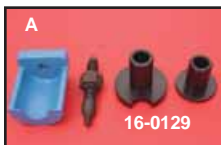


Balancer Shaft Bearing Service Tool use to remove and install bearing fits 2000-up Twin Cam Engines.

VT No. 16-1915



Big Twin Pinion Bearing Race Removal and Installation Tool is used to remove and install the outer race on 1958 and later models replaces 39958.
VT No. 16-0648



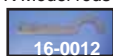
Pinion Gear Puller with collars, used to remove and install pinion gear on all Big Twins, and 1976 and earlier XL. Order nut wrench separately.

VT No.	OEM	#	Item
16-0129	96830-51	A	Puller Set
16-0162	96830-51	B	Jims
16-0406	—	C	Collar Set
16-0141	94555-55A	D	Nut Wrench
16-0168	As Above	D	Jims



Rod Lapping Tool includes arbor assembly 1.500 lap for 45", Indian, & some case races, 1.625 lap for Big Twin, Sportster & K Model rods.

VT No.	Item
16-0027	Rod Tool
16-0012	Spanner Wrench



1958-up Big Twin Case Lap Tool features a lap which is supported on both sides by a pilot on the bushing side & plate which locates on the case pins of the cam cover, by Jims. Order lap & pilot VT No. 16-0881 for 1937-E77 4-spd main race separately.

VT No.	Item
16-1835	BT Case Lap Tool
16-0893	Case Lap Head only
16-0881	4-Speed Trans. Lap & Pilot
16-0892	4-Speed Lap Head only



Replacement Lapheads are sold each. For Eastern tool only.

Laphead	Pilot#	Type	Fits
16-0032	1 3/4"	Motor	1958-up Big Twin
16-0026	1 1/2"	Motor	40-54 Big Twin
16-0025	1 3/8"	Motor	54-76 Sportster
			55-57 Big Twin
			29-73 45"
16-0018	1.562"	Motor	87-up Sportster
16-0034	1.870"	Trans.	36-77 Big Twin
16-0024	1.300"	Trans.	Sportster
16-0022	1 5/8"	Rod	Big Twin XL
16-0021	1 1/2"	Rod	45"



Crankshaft Locking Tool locks all Big Twin crankshafts by engaging the pinion shaft splines. This allows removal and torquing of the pinion nut during installation. Replaces 41492-A.

VT No.	Year
16-1053	1991-2002
16-1672	2003-up

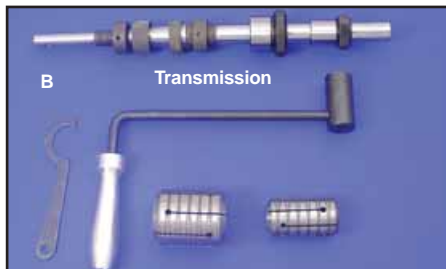


1991-99 Crankshaft Locking Tool fits XL models by engaging the pinion shaft splines. This allows removal and torquing of the pinion nut during installation. Replaces 41506.

VT No. 16-1055



Pinion Gear Lock Tool fits 1954-up Big Twin, when applying torque to pinion nut. By Jims.
VT No. 16-0659



Lap Head Pilots, sold each. For Eastern tool only.

VT No.	OEM	Type	Years
16-1724	96727-56	Motor	55-up BT
16-1725	96728-56	Motor	54-76 XL
16-1726	96715-40	1 1/2 Motor	30-54 BT
16-1727	96716-40	Motor	55-57 45", BT
16-1832		Motor	87-up XL



Trans. Lap Head includes pilot. For Eastern tool only.

VT No.	Size	Model
16-0020	1.870	BT 74 & 80
16-0019	1.300	1957-85 Sportster

Pinion Tool



Jims Sportster Crankshaft Locking Tool. Use on Pinion side of all 1991-up XL to keep crankshaft assembly from rotating during assembly on valve train repair.

VT No.	Fits
16-1666	1991-2002
16-1665	2003-up

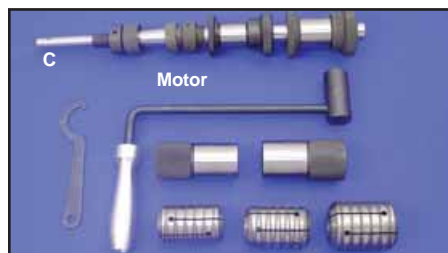


Pinion Shaft Race Installer fits 1977-E81 Sportster models. Replaces 97080-77A
VT No. 16-0965



Jims TC-88 Crankshaft Guide use to spread pinion bearing rollers while reassembling right side engine case on to flywheel assembly.
VT No. 16-1281

Lapping Tool



Lapping Tools used for precision alignment of engine and transmission shafts. Engine unit replaces 96710-40 to lap right and left crankcase races for oversized bearings. Transmission tool insures proper fitting of oversized rollers with mainshaft races on BT and Sportsters. The dual-purpose "Combo Lap" for both engine and transmission is also available. Rod laps not included.

VT No.	#	Use	Model	Years
16-0135	C	Motor	Big Twin	1936-up
16-0119	B	Trans.	Big Twin	1936-77
			XL	1952-83
16-0039	A	Combo	C & B	As Above
16-0012	All		Spanner Wrench	



Sprocket Shaft Tool



16-0153



16-0888



16-1754

Sprocket Shaft Seal & Lock Installers for Big Twins.
VT No. OEM Years

VT No.	OEM	Years
16-0153	97235-55B	1955-69
16-0888	97235-55B	1955-69
16-1754*	39361-69	1970-up

Application

Installs Nut & Seal
As Above, Jims
1970-up
Installs seal only, Jims

*Note: Use with 16-0140 or 16-1836 to install seal.



Jims Twin Cam Case Support Block for Balancer.
Engine 2000-up. These blocks properly support the case on a level plane when using a press for work.
VT No. 16-1916



1955-up Sprocket Shaft Hard Cap protects shaft when using press. By Jims.
VT No. 16-0666



Crankshaft Stabilizer Bracket acts as third hand. Sliding over crank splines, and bolting to a primary mount hole prevents crank from turning while installing pistons, cylinders or rings.
VT No 16-5051



Twin Cam 24 Tooth Crankshaft Rotating Wrench for use on all 2006-up

Big Twins with 24T spline sprocket shaft to check engine timing and parts clearance.
VT No. 16-9280



16-0883



16-0130

Compensating Sprocket Wrench to install or remove compensating sprockets. Replaces 94557-55 for 1955-69.

VT No.	Item
16-0130	Flat Type
16-0883	1/2" Drive Type, Jims



16-0150



16-1850



16-1378



16-1852

Shaft Turning Tool fits spline or taper on assembled motor and allows engine to be turned over by 1/2" ratchet or impact driver. Sifton unless noted.

VT No.	Years	Type
16-0150	1930-54	Big Twin, Taper
16-1850*	1955-06	Big Twin, Spline
16-1378*	2006-up	FXD, 07-up FL, FXST
16-1852	1957-up	XL, Spline

*Note: Jims



Jims Balancer Shaft Inner Bearing Remover and Installer Tool for all 2000-up Twin Cams. This tool will accurately remove and install the inner balancer bearing mounted in the left case.
VT No. 16-1915

Balance Tool



Balancer Shaft Removal Tool designed to remove both front and rear counter-balancer shaft bearing assembly, from the left engine case on the new 96" and 110" Beta engines.
VT No. 16-1374



Outer Balancer Bearing Installer & Remover Tool removes and installs the outboard balancer bearing on the new 96" & 110" "B" Softail engines chain guide support plate.
VT No. 16-1376



Balancer Shaft Inner and Outer Bearing Remover and Installer for TC-88B models 2000-up includes thrust bearing. Replaces 44066.
VT No. 16-0540



Balancer Shaft Retention Pin use this tool to secure the engine balancers on TC-88B engines when servicing flywheel assembly. This tool locks into the balancers sprocket pin holes to prevent the balancer from turning out of sync with flywheel.
VT No. 16-1163



Jims TC-88 Balancer Shaft Alignment Tool use for correct balancer drive assembly. Use on all 2000-up TC-88B models.
VT No. 16-1166



Balancing Shaft and Bearing Installer Tool designed to align and safely install a new balancer bearing and counter balancer shaft into the new Twin Cam 96" or 110" "B" Softail engine case. For removal of balancer shaft from the engine case use Jims tool No. 960.
VT No. 16-1377



Cam Tool



Jims Inner Cam Bearing Installer Tool. Use this tool to press in the two inner cam bearings without damage to bearings. Installs bearing to proper depth in case. Use on 2006-up Dyna and 2007-up FXST-FLT models.

VT No. 16-1360



16-1282

Jims Cam Gear Remover and Alignment Tools. The alignment tool is designed to index the cam gears position while removing or installing the cam gear. This tool will allow you to accurately position and or reposition the cam gear from one camshaft to another, as well as allowing you to retard or advance the gear position by up to 10 degrees with the accuracy of a 1/4 degree. The cam gear remover tool is use to remove the cam gear from the camshaft. This tool acts as stable base to keep the camshaft perpendicular to the press.

VT No. Item
16-1282 Alignment Tool
16-1283 Remover Tool



Evolution Camshaft Gear Alignment Tool is used for degreasing camshaft to stock specification. Tool locks the radial position of the gear and camshaft together and allows the gear to be more easily and accurately pressed onto the camshaft.

VT No. 16-0485



Cam End Play Checker includes dial indicator for 1970-up models.

VT No. 16-0572



Jims Big Twin Breather Chamber Reaming Tool will size the hole to .030 so the oversize breather can be used for 1936-up models.

VT No. 16-0695



Trock Cam Jack allows raising of cam shaft on 1970-up Big Twin models when cam cover is removed to change pinion gear or check clearances.

VT No. 16-0658



Jims Cam Locking Tool allows removal and torquing of cam sprocket bolts by locking camshaft and crankshaft sprockets. Use on 2006-up Dyna and 2007-up FXST-FLT models.

VT No. 16-1352



Jims Inner Cam Bearing Remover Tool allows removal of needle bearing and will also keep needles from falling into engine. Use on 2006-up Dyna and 2007-up FXST-FLT models.

VT No 16-1351



Cam Bearing Gauge is a Go-No-Go gauge to check if the cam is too tight or too loose in the 9058 Torrington Bearing on 1958-up Big Twins. Set of 2.

VT No. 16-0684



Cam Gear Check Pins measure precise fit for selection. Sold in pairs.

VT No.	Size
16-1749	.105
16-1750	.108



Cam Clearance Cutter bolts to 1970-up Big Twin cases and features an adjustable cutter and threaded depth feed. Power by 1/2" drill or use in milling machine.

VT No.	Item
16-0879	Cutter 1970-99
16-0915	Cutter TC-88
16-0880	Bit



Evo XL Cam Relief Tool allows the installation of high lift cams in 5-Speed XL models by removing some of case material at the base of the lifter bores and around the pinion bearing for lobe swing clearance. This tool cuts clearance quickly and can be performed on an assembled engine in the frame.

VT No. 16-0353



A



B



16-0660

Cam Bearing Tools (A) will remove the 9058 Big Twin Torrington Bearing, (B) fastens to cam cover mount holes and will install new bearing.

VT No.	Item	Brand	Type
16-1827	Puller	Trock	A
16-0629	Installer	Trock	B
16-0660	Installer	Jims	



16-1821



16-1840

Cam Bearing Puller Tool removes inner cam bearing (Torrington type) without splitting cases while preventing rollers from coming out during removal. Not for Twin Cams.

VT No.	Fits
16-1821	1958-99 Big Twins
16-1840	1957-up XL



16-0126



16-1841



16-0127



16-1857



16-0711

Cam Shaft Needle Bearings and Bushing Tool. Rods install needle bearings without damage. Bushing tool positions pinion bushing in cam cover on all 1970-up Big Twin to correct depth.

VT No.	OEM	Model	Brand
16-0126	97272-60	BT Needle	Sifton
16-1841	97272-60	BT Needle	Jims
16-0127	97273-60	XL Needle	Sifton
16-1857	97273-60	XL Needle	Jims
16-0711	—	BT Bushing	Sifton



Cam Bushing



16-1780



16-1820



16-1814



16-1817



16-1818



16-1819

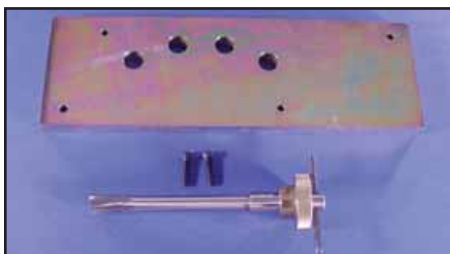
Cam and Pinion Bushing Drill Jigs allow the installation and drilling of a dowel pin to factory location supplied with #31 drill by Jims.

Cam Bushing Drill Jigs

VT No.	Year	Models
16-1814	1936-69 Big	Twin
16-1779	1970-99	Big Twin
16-1818	1954-up	XL

Pinion Bushing Drill Jigs

VT No.	Fits
16-1820	1936-53 Big Twin
16-1780	1954-92 Big Twin
16-1817	1937-73 45"
16-1819	1937-48 74" & 80" Side Valve



1991-up XL Crankshaft Bushing Plate Pilot & Reamer. Reams in board camshaft and camshaft crankcase bushing, replaces 38871.

VT No. 16-1823



A



B

1970-up Big Twin Cam Bearing and Bushing

Alignment Tool aligns to within .0003" of the center line. Any binding of this tool indicates misalignment of cam cover and or bushing. By Jims.

VT No. 16-0671 (A)

1936-69 Cam Cover Bushing Remover Tool

removes bushing in one operation.

VT No. 16-0669 (B)



Pinion Bushing Puller Tool is used to remove the pinion bushing from the cam cover on 1954-up Big Twins.

VT No. 16-1822



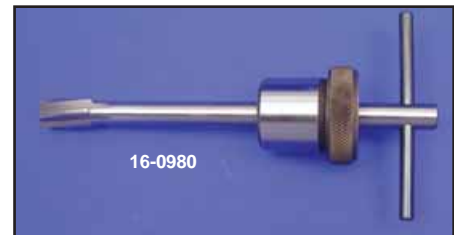
Cam Cover Holding Tool holds 1970-up Big Twin Covers while removing and installing bushings. Holds cover flat, to avoid scratches.

VT No. 16-0858



Jims Cam Bushing Reamer and Fixture Plates

VT No.	Year	Type
16-0697	1970-up	Cam Cover
16-1802	1936-69	Cam Case and Cover



16-0980

Bushing Reaming Tools fit pinion bushing in cam cover.

VT No.	OEM	Year	Model
16-0982	94805-80A	1958-up Big	Twin
16-0981	94812-37A	1954-76	XL & 45"
16-0980	94812-80A	1977-85	Sportster
16-0979	94813-80A	1941-54 Big	Twin
16-0978	94814-80A	1955-57	Big Twin
16-0962	94812-89	1986-up	Sportster
16-1791	—	1957-up Spor	tster
		1-3-4 Cam Cover Bushing	
16-1830	1957-up	#2 XL Cam Bushing	
16-1797	94802-70	1970-up BT	Cam
16-1802	—	1936-69 BT	Cam



16-1708



16-0839

Cam Cover Puller easily removes 74 & 80 cam cover on 1970-99 models.

VT No.	Brand
16-1708	Trock
16-0839	Sifton



Big Twin Cam Seal Installer Tool can be used to remove or install seal and will also remove cover from case. Fits BT, 1970-up.

VT No. 16-0675



Sifton Cam and Pinion Gear Lash Tool. The indicator base mounts to the gear cover and the indicator foot mounts directly to the end of the cam. A simple adjustment of the foot and you can see exactly what the gear lash is in .001" increments.

VT No. 16-0230



Cam Shaft



Jims Camshaft/Crankshaft Locking Tool will lock the gear teeth on the TC 88 model engine. Instructions included.
VT No. 16-0790



Jims Cam Chain Tensioner Unloader will hold the tension of the primary cam chain on the TC 88 model engine. Instruction included.
VT No. 16-0793



Jims TC-88 Inner Cam Installer positions the two inner cam needle bearings and perfectly aligns to the shaft bores for a precision press fit.
VT No. 16-1278



Jims Camshaft Remover and Installer Tool allows removal and installation of cams in the TC-88 model engine. Tool is used in conjunction with VT No. 16-0793 cam chain tensioner unloader.
VT No. 16-0792



Jims TC-88 Camshaft Bearing Tool designed to remove and replace the right crankcase bearing in and out with no damage to crankcase.
VT No. 16-1275



Jims TC-88 Inner Cam Bearing Remover replaces inner bearing easily without damage to crankcase and also prevents rollers from falling into crankcase. Use on TC-88.

VT No. 16-1279



Jims TC-88 Crankshaft Guide use to spread pinion bearing rollers while reassembling right side engine case on to flywheel assembly.
VT No. 16-1281



Jims TC-88 Cam Bearing Puller used to remove bearing from camshaft, this tool is designed to remove the bearing straight with no slipping or binding. Use on all TC-88.
VT No. 16-1280



Jims Cam Assembly Tool for all 2006-up Dyna and 2007-up FXST, FLT models. Used to hold both cams in an upright position while lowering the cam support plate over cam journal.
VT No. 16-0323



Jims Outer Balancer Bearing Installer and Remover Tool. This tool removes and installs the outboard balancer bearing on 96" and 110" "B" Softail engines 2007-up.
VT No. 16-0324

Cam Tool



Tune-A-Cam Kit includes easy to read degree wheel dial indicator, T.D.C. locator, lightweight checking springs and packed in a plastic case. Also checks cam or crank end play, shaft and gear run out.
VT No. 16-0970



Delkron Space-N-Time Tool attaches to pinion shaft of 1970-up BT, allowing you to set cam end play, check gear lash, breather timing, valve timing, and 12 other checks for blue print quality engine building. Instructions included.
VT No. 16-0714



Crane Cams Installation Tool comes with easy instructions for the mechanic to install Crane's adjustable pushrods without removing the gas tank or rocker covers. In all FL-FX with adjustable pushrods, the tool makes it easy for cam changes. No removal of pushrods, pushrod covers, tappets or tappet guides. Tappets never have to fall out of the guides while doing cam changes.
VT No. 16-0030



S&S Degree Wheel Kit designed to fit the sprocket shaft of any Big Twin or XL model. Each kit also comes with pointer that is held in place by center crankcase bolt.
VT No. 16-0909



48-0470 Knuckle Head



48-0030 1340 cc



48-0033 Dual Cam



48-0025 Panhead



48-0044 Shovelhead



48-0044 Shovelhead

Motor Plaques measure 18" x 24" and are made of metal.



Lifter Tool



Pushrod Cover Removal Tool fits TC-88 models.
VT No. 16-1024



Sifton Valve Lifter Remover simplifies removal of frozen or loctited hydraulic lifters for Shovelheads. Replaces 97102-81.
VT No. 16-0988



Sifton Tappet Guide/Oil Pump Alignment Tool. Use to align tappet guide to engine case on all Evo 1340 Big Twins and also aligns oil pump on TC-88 Big Twins. Also available in width 1/4 x 24 threads for after market crankcase sets. Sold in pairs.

VT No. 16-0998
16-0977

Fits
Evo Tappet Guide/TC-88 Oil Pump
1/4" x 24



Sifton Tappet Roller Fixture. Professionally positions and holds roller and tappet for removal and reassembly for all Big Twins including Evo. Instructions are included. Punch and drill not supplied.
VT No. 16-0874



Tappet Guide Puller Tool for 1957-85 Sportster, replaces 95724-57.
VT No. 16-0157



Sifton Pushrod Adjustment Gauge for use on Big Twins 1953-84 with hydraulic lifter. Replaces 91438-79. Complete with instructions.
VT No. 16-0993



Sifton Magnetic Tappet Lifter holds tappets up while changing cam on all Evo or TC-88 Engines.
VT No. 16-0720
16-1035

Jims Twin Cam Oversize Tappet Reamer. Designed to ream the case to fit a +.010 oversize Twin Cam tappet. Includes reamer and two flex hones. Tappet sold separate.

VT No. 16-2789
16-1811

Item
Tool
Tappet



Sifton Pushrod Cover Compressor Tool allows removal and installation of pushrod clip.
VT No. 16-1728



Pushrod Cover Compressor Tool pushes against top rocker box to allow one hand operation.
VT No. 16-1052



Sifton Pushrod Adjusting Wrench eliminates the need for 3 hands, dual wrench holds 2 outer nuts. The inner is tightened with a separate wrench, fits 7/16" hex nuts and is fully adjustable for solid lifters.
VT No. 16-0819

Early Tool



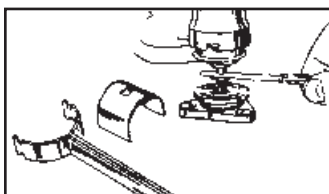
Tappet Guide Puller Tools.

VT No. 16-1735*
16-1787

OEM
11906-38
11906-38

Fits
1930-73 45 SV, 1930-40 BT SV
1941-48 BT SV

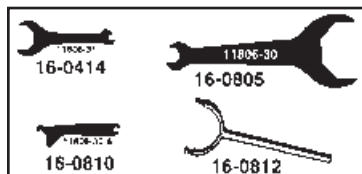
*Note: Use on all Flatheads with screw type valve covers.



Adjust tappets so that there is .004" to .005" clearance between intake valve stems and tappets, and .007" to .008" clearance between exhaust valve stems and tappets.



Gas Valve Shut Off Tool replaces 96365-42 to correct alignment of bottom and top holes of 1940-65 gas tanks.
VT No. 16-0615



Valve Cover Wrenches.

VT No.	OEM	Type	Years	Model
16-0414	11806-31 Lo	wer, Nut	1929-73	45
16-0805	11806-30	Upper, Nut	1930-38	74 & 80
16-0810	11806-30A	Lower, Hook	1930-38	74 & 80
16-0812	11959-39	Clip Type	1939-48	74 & 80

16-0806



Kit Tools Sold Separately.

VT No.	OEM	Use
16-0804	11929-39	45" Tappet & Spark Plug
16-0806	11904X	Tappet Wrench, pair
16-0816	12051-30	74 Axle Sleeve
16-0818	11814-35	45" Axle Sleeve
16-0817	11815-26	5/8" x 11/16" All Purpose
16-0808	11804X	9/16" x 1/2" All Purpose
16-0822	11814-26	45" Rear Axle
16-0814	94426-78	1 1/16" Rear Axle
16-0815	94427-78	1 5/16" Front Axle
16-0813	94428-78	3/4" Wrench



Gasket Locator Tool (3 Pc Set) will align primary, cam & transmission end cover gaskets, to prevent misalignment & oil leaks.
VT No. 16-1362



Generator Gear Puller Center Cap use with claw type pullers. OEM# 95636-46.
VT No. 16-0638



Jims Fuel Pump Retainer Remover Tool. Safely removes the retaining ring holding the fuel pump inside gas tank on all 2008-up FLT models. Use for quick and easy service of fuel filter and other fuel related parts.
VT No. 16-0316



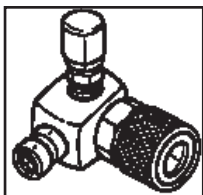
Tool for EFI & Carb

Jims Fuel Pressure Test Gauge Tool includes all the necessary hose connections and fittings to safely perform a fuel pressure test on all 2002-up FLT, 2004-up FXD and 2001-up FXST with fuel injection.
VT No. 16-0317



Thunder-Jet™ Installation Fixtures facilitate Thunder-Jet™ installations in S&S and Keihin CV carburetors. Designed to hold the carburetor for precise locating of the Thunder-Jet's™ components. Fixture for S&S carburetors can be clamped or bolted to mill table; float bowl and carb body bolt to it at correct angles for machining. CV fixture can be clamped in a vise; it has drill guide bushings for use with a hand drill motor.

VT No. Fits
16-0782 S&S E/G, B/D
16-0783 Keihin CV
16-0784 Jet Tool, All



Fuel Pressure Gauge Adapter. Two adapters must be used to check fuel pressure on 2001 and later Softail models. Replaces 44061.
VT No. 16-1289



Adjustable Main Jet Conversion Kit fits all Bendix carburetors. Thumb screw adjustment makes tuning a five minute cinch.

VT No. Item
35-0202 Jet Kit
16-0865 Jet Tap 9/32" x 32,
Some early carbs require drilling and tapping for jet installation.



Slow Jet Screw Driver facilitates removal of Keihin slow jets with no damage to jet.
VT No. 16-0546



Induction Alignment Bracket Kit will insure accurate installation of intake manifolds on TC-88 and Ev 1340cc engines with CV Carb or electronic fuel injection replaces 40054-01.

VT No. 16-1004



Keihin Carb Fitting Extractor/Installation Tool will remove and replace broken or damaged. VT No. 40-0534, 27371-76, 90 degree carb fitting.
VT No. 16-0687

Hose



Hose Clamp and Tool. Stock type clamp closing tool and clamps in bags in as sized (I.D.).

VT No.	OEM	I.D.	Use/Fits
16-0053	10080	11/16"	Feed Drain
16-0062	10014	17/32"	Gas Hose
16-0060	9992	23/64"	Battery Vent
16-0061	9996	7/16"	Oil Hose
16-0052	10086	13/16"	Drain Hose
16-0064	10020A	45/64"	Oil Filter, 1979-up XL
16-0082	10142	13/16"	Oil Line, 1995-up XL
16-0063	10038	19/32"	Brake Hose Reservoir
37-8933	10067	1/4"	1982-up FLT-FXR-FXST
16-0081	10117	1/2"	Battery Vent Hose
			Cam Cover Fitting Oil Line
			Vent, 1993-up XL
16-0080			Plier and Clamp Assortment
16-0050	97087-65A		Tool Plier Only



Snimp Hose Cutter is a hand held device which quickly cuts any size rubber or nylon hose up to 3/4" diameter. Leaves hose perfectly clean and square.
VT No. 16-0049



16-0080



16-0083

Oil Gas Line Clamp Assortment includes pliers. Refill for clamps as noted by Oetiker#.

VT No.	Oetiker No.
16-0080	Service Kit
16-0083	Pliers only
16-0062	16700995
16-0084	16700999
16-0081	15500003
16-0085	15500009
16-0053	16701009



Fuel-Oil Line in 25 ft shop rolls in reinforced black or clear for fuel use.

Black	Clear	Size
40-9999	—	1/8"
40-0117	40-1250	3/16"
40-0118	40-1251	1/4"
40-0119	40-1252	5/16"
40-0120	40-1253	3/8"
40-0253	—	3/8" (6")
40-0126	—	1/2"



Cylinder



Jims TC-88 Cylinder Torque Plates lasered with correct torquing sequence and will also work on Screamin' Eagle Big Bore Cylinders.
VT No. 16-1287



S&S Evo Cylinder Torque Plate Kit simulates stress conditions when boring and honing Evo Cylinders. Machined from chrome moly steel, fits all Big Twin 1340 and Sportster 883-1100-1200 cylinder, and 35/8 S&S cylinder.

VT No. 16-0928



16-0929



16-0940

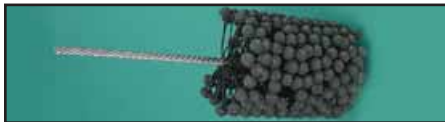
Cylinder Torque Plate Kit by Delkron tool fits Shovel and Evo cylinder up to 4" bore to simulate stress condition when boring and honing cylinders. Order studs for XL separately.

VT No.	Item
16-0929	Delkron BT
16-0940	Delkron, Studs for Ev XL



Cylinder Hold Down Nuts are used to hold down cylinders during service. Allows motor to be turned over with heads off. Use on all Twin Cam and Evo Twins. Set of 4.

VT No. 16-0446



Cylinder Wall Flex Hone features silicone carbide globules which allow the deglazing of cylinders 3" to 4 1/4" when powered by a 3/8" or larger drill, 180 Grit.

VT No.	Bore
16-0574	4 1/4"
16-0576	4"
16-0575	3 5/8"
16-0616	3 7/16" - 3 1/2"
16-0618	3 3/16"



Jims TC-88 Cylinder Torque Plates lasered with correct torquing sequence and will also work on Screamin' Eagle Big Bore Cylinders.
VT No. 16-1287



Jims Evo Case Cylinder Spigot Bore Tool allows boring of cylinder spigot hole, up to 3.8125" by utilizing the stock cylinder stud holes. Use on all 1984-99 style Evo crankcases.

VT No. 16-1409

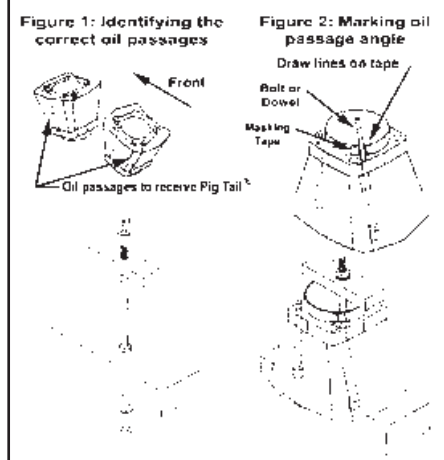


Figure 1: Identifying the correct oil passages

Figure 2: Marking oil passage angle



Evo Cylinder Oil Passage Drain Tubes for stock bore size cylinders only. Each kit is supplied with tap, hex wrench two drain tubes and instructions.

VT No.	Item
16-0911	Kit
16-0912	Pair Replacement Tubes only

VT No. 16-0911
Tube Installed



VT No. 16-0912



Piston Ring Installer Tool.
VT No. 16-0628



Ring Compressor Kit.
VT No. 16-0622



Jims Twin Cam Case Boring Jig used for boring out Twin Cam Case sets to accept 4" Bore Cylinders. This tool is designed to be used in a heavy duty 15" drill press. Works on TC-88 A&B Crank Cases.

VT No. 16-1177



Cylinder Head and Crankcase Boring Fixture designed to simplify and reduce the time required to prepare the crankcase and cylinder heads for big bore kit installations. The boring plate is made of cast iron and is precision ground and machined with Pan and Shovel head bolt patterns in one end. The other end has been finished with the cylinder base patterns of Knuckles, Pans, Shovels and V2 Sportsters and Big Twins. When adapted to boring bar it is possible to bolt the crankcases or heads to the plate and perform the boring modifications necessary for 3 5/8" bore cylinders. V2s require use of spacers because of the extreme length of the cylinder and head spacer, part VT No. 16-1868. Big Twin V2's with male style studs require on spacer VT No. 16-1868 and one spacer VT No. 16-1869.

Note: Big Twins V2's with female type studs must be changed to the male type of studs, when installing a sidewinder.

VT No.	Item
16-1867	Boring Plate with screws
16-1868	3 11/16 Spacer
16-1869	7/8 Spacer



Trock Cylinder Base Lapping Plate is constructed of cast iron and has 2 sides to lap warped Stock Evo or 3 5/8" Cylinder base, supplied with compound.

VT No.	Item
16-0713	Plate
41-8003	Compound



Ring Groove Cleaner.
VT No. 16-0619



Piston Ring Grinder Tool.
VT No. 16-0976



Cylinder



Sifton Dowel Guide Plate is precision drilled to press cylinder dowels in straight on 1984-up BT and XL models.

VT No. 16-0837



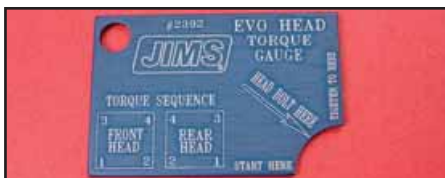
Cylinder De-Glazer feature spring action on the stones keep the stones against the cylinder wall at the correct pressure. Capacity 2" to 5 1/2".

16-0610 De-Glazer



Exhaust Stud Drill Fixture fits 1984-up Ex BT & XL ports to align for drilling of broken exhaust stud.

VT No. 16-0698



Head Bolt Torque Gauge for all Evos. This accurate gauge allows the measuring of 90° when tightening Evo head bolts. Torquing sequence lasered on gauge. Use on all 1984-up Evo models.

VT No. 16-0679



16-1845



16-1846

Evo Cylinder Tools allow installation of stud to correct height or removal by locking to stud.

VT No.

16-1845

16-1846

Item

Assembly Tool

Extracting Tool



Cylinder Jig Assembly use to repair stripped damaged cylinder base threads up to a 4" bore, in engine case. This will hold centerline

and squareness to where the factory intended them to be. All this with the engine still in the frame using an angle head drill (drill not included). Use on all 1984-99 Big Twin Evo and 1986-up XL.

VT No. 16-0891

Head



Jims Compression Release Valve Tool use this tool for machining all Twin Cam heads 1999-up for compression releases. Installs on front or rear head, with or without valves installed. Order

threaded tap tool and compression releases separately.

VT No. Item

16-1169 Compression Release Tool

16-1170 Threaded Tapping Tool

16-1171 Compression Release Valve, pr

60-0132 Machine Head and Install Release Valves



Cylinder Head Support Stand fits Evo, Shovelhead and Ironhead Sportsters. Adapters are to be used with a bar press and the stand included to push guides in and out in a straight line. Set includes stand and 6 adapters.

VT No. 16-0651



Ball Vise allows positioning of heads for porting.

VT No.

16-0577



Head Holder Tool by Pingel® has 12 & 14mm ends to hold head through spark plug hole, by support in a vise.

VT No. 16-1842



16-0524



16-0525

Powerhouse Head Plate anodized aluminum plate that will hold Evolution, Shovel and Sportster Cylinder Heads for porting, polishing, guide work, grinding seats and check stem heights. Can also used for mounting on a seat and guide machine or bolting to a resurfacer. Order peg-style head holder separately.

VT No.

16-0524

16-0525

Item

Head Plate

Peg Holders



Trock Evo Cylinder Head Face Plate is a cast iron fixture used to locate dimensions on all Evo 1984-up cylinder heads for rocker box bolt pattern, exhaust flange head bolt studs, and head surface.

VT No. 16-1772



Clone Speed Wrench allows removal of head bolts on 1936-84 OHV models (after they are broken loose with wrench).

VT No. 16-0953

Rocker Arm



Rocker Arm Bushing Reamer fits Big Twin and Sportster Arms by Jims.

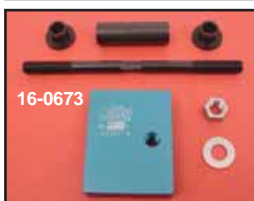
VT No. 16-1804



16-1848



16-0612



16-0673

Rocker Arm Bushing & Roller Bearing Puller for 1957-up Big Twin & XL. Replaces 95760-57.

VT No. Item

16-1848 Puller

16-0673 Installer

16-0612 .554 Ball Hone

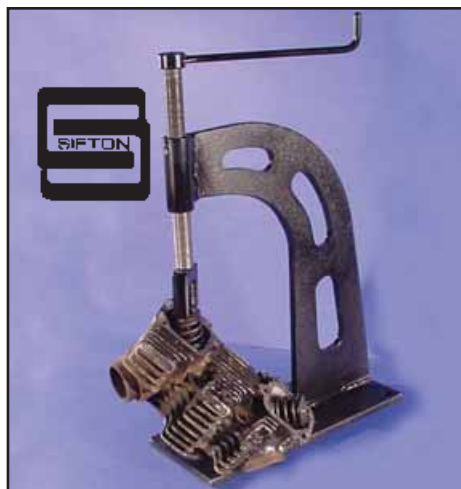


Rocker Arm Refacer. The rocker arm refacer in combination with an ordinary drill press allows you to do an excellent job of refacing pitted and worn rocker arms on Shovel, Evo and Sportster models.

VT No. 16-0754



Valve



Sifon Valve Spring Tool is bench mounted to compress springs on 1936-up engines also used for checking valve travel and coil bind of the valve springs by placing a dial indicator on the top of the threaded shaft.

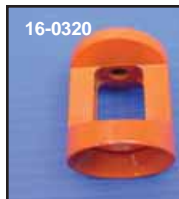
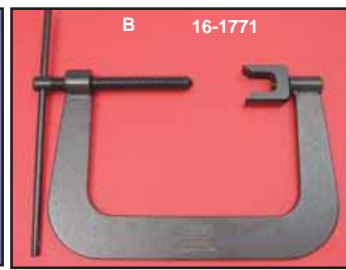
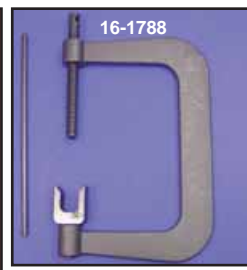
VT No.	Item
16-1774	Bench Tool
16-0331	Cone Adapter



Rear Intake Valve Spring Compressor. Compresses intake valve spring on the rear cylinder of the ST so the rocker box can be removed while the engine is still in the frame. It does this without damage to the valve stem, valve spring, or rocker cover. Replaces 34641.
VT No. 16-0868



Valve Grinding Stick for hand grinding valves. Synthetic rubber vacuum cup is resistant to oil, grease and gasoline. 15/16" cup diameter.
VT No. 16-0604



Conical Valve Spring Collar add this to the Jims or Motorshop valve spring compressor tool (96600-36B) to remove and replace valves and conical valve springs (Bee Hive) OEM 18245-02. A must have tool for safe valve work. Use on all 2005-up BT, except S.E. models and all 2004up XL's.

VT No. 16-0320



Valve Stem Height Gauge features one side reading in direct lift and the opposite side on .025" increments, making stem height easy to measure.

VT No. 16-0143



Jims Exhaust Gasket Installer Tool will correctly install exhaust port gaskets into cylinder heads, minimizes gasket distortion. Helps heads flow better.

VT No. 16-2112



Trock Valve Travel Checkers are the most accurate method of measuring valve travel on Shovel, Evo, TC-88 or Sportster. If valve guides or springs do not have proper clearance, a valve checker will pinpoint the problem easily.

VT No.	Type
16-0753	Evo/TC-88
16-0752	Sportster
16-0751	Shovel
16-1762	Panhead
16-0750	Dial Indicator



Sunnen Valve Seat Driver Kit includes driver, 1.50 x 1.625 ring, 1.75 x 1.875 ring and 2.00 x 2.215 ring.

VT No. 16-0523



Valve Guide



16-0132



16-0643

Valve Guide Driver Tool Set. Three sizes of drift valve guides for Sportsters, 74's and 45's. Includes 5/16", 11/32", and 3/8" valve guide drive.

VT No.	Type
16-0132	V-Twin
16-0643	Jims



Cruise Drive 6-Speed Maindrive Gear Remover Tool removes the main drive gear from the main bearing correctly while in the transmission case. This eliminates the need of an arbor press and the risk of case damage. For use on all Twin Cam 6-Speed Cruise Drive models and all 2006 Dyna's and all 2007 to present Twin Cam models.

VT No. 16-2130



Cruise Drive 6-Speed Maindrive Gear and Bearing Remover/Installer Kit for servicing the main drive gear or the main bearing on the latest 6-Speed transmission. This precision tool removes or installs both parts correctly without damaging the case. Use on all Twin Cam 6-Speed Cruise Drive models, 2006 Dyna's and all 2007-up Twin Cam models.

VT No. 16-2131



16-1745

Valve Guide Oil Seal Kits include 4 pieces of proper guide seal and installation tool. Tool sold separately.

VT No.	Fits
16-0403	1948-79 Big Twin Kit
16-0404	1980-84 Big Twin Kit
16-1745	1985-up Big Twin & XL Evo Kit
16-0405	1957-84 XL Kit
16-0133	1948-79 Big Twin Tool, Black, only
16-0134	1957-84 Sportster & 1981-83 BT
16-1746	1984-up Evo Tool



Valve Guide Plug Gauge Kit includes 12 gauges (.3105, .3115, .3120, .3405, .3410, .3415, .3770, .3755, .3780, .3785 and .3790) and 2 handles.

VT No. 16-0758



Valve Guide Flex Hones used to finish valves guides. Made from 180 grit silicon carbide to ensure smooth finish.

VT No.	Size	Models
16-0759	10mm Sho	velheads
16-0760	8mm	Evolution and XL

Shoulderless Valve Guide Installer Tools will install each guide to the correct depth when installed into head. Remover handles are used as handle for installer tools. Must be ordered separately. Use tool No. 1001 or No. 2240 for removing or installing shoulder type valve guides. Use on all TC 2005-up that use 7mm valve guides and 2004-up XL.

VT No. 16-0321



Shoulderless Valve Guide Remover Tools. Use to remove shoulderless valve guides including the newest 7mm guides. On the 7mm guides there is no need to remove carbon off the guide because you remove from the spring side of head. Use on all TC 2005-up that use 7mm valve guides and 2004-up XL.

VT No. 16-0322



Shoulderless Valve Guide Remover and Installers. Takes the guess work out of valve guide installation on all Evo and Twin Cam motors. Insures that the valve guides are installed to proper depth. Use driver handle to remove or install valve guides. Installation of shoulderless guides requires correct installation socket.

Installation Socket	Driver Handles	Driver Handles
VT No.	VT No.	Fits
16-0869	16-0872	Evo
16-0321	16-0322	Twin Cam



Valve Guide Pusher lets you push guides into the head rather than use a punch. By Rowe.

VT No.	Fits
16-1828	1984-up Evo
16-1854	Pre-Evo



Valve Guide Driver & Sockets install shoulderless 83-up XL & Evo guides to correct depth. Includes 3 sockets, 1 driver.

VT No. 16-0422



Valve Guide Reams. Sold each.

VT No.	Size	VT No.	Size
16-0761	.310	16-0769	.343
16-0762	.311	16-0770	.344
16-0763	.312	16-0771	.376
16-0764	.313	16-0772	.377
16-0765	.314	16-0773	.378
16-0766	.340	16-0774	.379
16-0767	.341	16-0775	.380
16-0768	.342		

Valve Guide Seal Installer installs valve guide seals to proper height without damage, for Shovel. OEM 35103.

VT No. 16-0870



Cruise Drive 6-Speed Trap Door Bearing Remover/Installer will accurately install a lubed ball bearing into the transmission trap door. Also removes bearing without error and can be performed on a work bench, no need for an arbor press. Use on all Twin Cam 6-Speed Cruise Drive models, 2006 Dyna's and all 2007-up Twin Cam models.

VT No. 16-2132



Service Scan Tool



Daytona Twin Tec Twin Scan 88 Tool for all 2001-up TC-88 models with Delphi fuel injection system and all 2003-up TC-88 carbureted models with 12 pin ignition module. The Twin Scan 88 provides diagnostic capabilities not found in other scan tools. The Twin Scan 88 is especially useful for diagnosing hard to find intermittent trouble codes. The motorcycle can be operated while the unit is installed. Under normal conditions (no trouble code), the unit will store data for the last hour of operation.

If a trouble code is set the unit automatically stops logging data 30 minutes after the code is set. Reads and clears diagnostic trouble codes from ECU module, turn signal module, speedometer and tach. Use laptop PC for display and includes Windows software.

VT No. 16-0375



Computer Diagnostic Service Tool. This tool is capable of diagnosing trouble codes for all 1994-99 computer controlled Big Twins. Available as a standard tool that includes scan tool, software cables, adapters, A/C power adapter and instruction manual. For USA 110v 60 cycles application.

VT No.	Item
16-5000	Scan tool
16-5002	Delphi System Cartridge 2001-2002 FXST



Daytona Twin Tec Twin Scan II for all 2001-up fuel injected models using Delphi system and 2003-06 carbureted models with 12 pin ignition modules reads and clears diagnostic trouble codes from engine control unit, turn signal/security module, speedometer and tachometer. The Twin Scan II is especially useful for diagnosing hard to find intermittent trouble codes. The motorcycle can be operated while the unit is installed under normal condition (no trouble codes) the unit will store data of the last hour of operation. If a trouble code is set the unit automatically stop logging data 30 minutes after the code is set. This allows you examine data before and after the code was set. The Twin Scan II interfaces to a laptop PC minimum PC requirement is 300MHz Pentium running Windows 98/ME/XP with SVGA display and available USB port. Also available Twin Cam II and Tuning aid for Screamin' Eagle Race tuner includes all feature of Scan II but allows the tuner to analyze logged data and display front and rear cylinder air/fuel ratio and the required volumetric efficiency correction (in percent) with the same RPM rows and throttle position sensor columns used in the SERT tables. Twin Scan II+ includes WEGO IID dual channel wide band exhaust gas oxygen sensor interface for logging AFR data along with engine data.

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VT No.	Item
16-0376	Twin Scan
16-0378*	Twin Scan II Plus

*Note: Same features as Twin Scan II with the addition of extended data logging time, USB interface and waterproof construction.



Pro EFI Race Tuner. This software package will make tuning the EFI models a professional endeavor. It is divided into two mode:

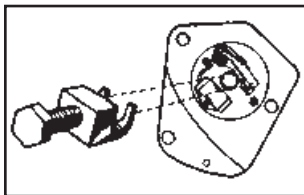
- Data (Real Time)
 - Tuning Changes
- The kit includes
- CD Software
 - User's Manual



Requirements for use are Windows 98, a CD-ROM, serial port, 32MB RAM, 10MB hard drive and a highly skilled technician. Replaces 32107-01F.

VT No.	Item
32-0380	Tuner
32-0382	Cable

Timing



Acu-Time Device locks advance mechanism on all 1970-78 models for accurate static timing. Includes instructions.

VT No. 16-0161



Clear Timing Plugs available long optically clear type or short standard version with or without the internal hex.

VT No.	Type	U/M
16-1731	Long	Each
16-0829	Hex	Each
16-0099	Standard 10	pack
16-0160	Standard	Each



Timer Device bolts inside primary cover on 1970-up Big Twin models. After installation, only inspection oval of outer primary has to be removed for accurate timing.

VT No. 16-1736



Clean Time pushes into timing hole and wipes flywheel clean for strobe timing.

VT No. 16-0715



Rite On Timing Tool provides accuracy in timing of up to 70 degrees before or after TDC for all points on electronic ignition systems used on 1970-99 Big Twins. This tool allows one person to perform all timing from the right hand side of motorcycle and is more accurate than static timing.

VT No. 16-6739



TDC Indicator is a 14mm tool that locates top dead center of piston with heads on engine, when degreasing camshaft.

VT No. 16-0047



Spark Plug Indexer fits 14mm plugs allows electrode to be placed in proper position.

VT No.	Item
16-0623	Tool
16-0676	Index Washer 30 Assorted



Spark Plug Firing Indicator. Captive type spark plug firing indicator. No need to puncture cable. Reads flashes from neon bulb to indicate plug firing.

VT No. 16-0624



Oversize Plugs with Tap. Kit includes a tap and a chrome dome head plug.

VT No.	Type	Includes
7502-2	Engine Drain	Plug & Tap
7503-1	Engine Drain	Oversize Plug
7500-2	Timing	Tap & Plug, Acorn
7501-1	Timing	Acorn Plug, O.S.
9407-1	Timing	Tap only



Spark Tester. Adjustable for all voltages, gauge background makes spark easy to see for accurate measure.

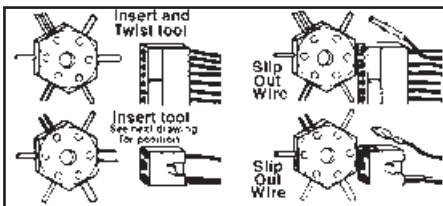
VT No. 16-0991



Wiring Tools



Deutsch Terminal Crimping Tool is designed to correctly crimp Deutsch Connectors. Replaces 39965. VT No. 16-1295



Wire Terminal Tool replaces 97362-71, depresses terminal lock tabs in disassembly of factory wiring harness. VT No. 16-0959



Terminal Crimper is used for the new smaller multi lock terminals. Fits 2001-up model w/fuel gauge. OEM# 44695. VT No. 16-1293



Pin and Receptacle Extractor for Molex style connectors. VT No. 16-1258 Pin 16-1259 Receptacle



Wire Terminal Tool crimps factory style wire end. VT No. 16-0710



Spark Plug Wire Tool strips 7 and 8 mm ignition wire, crimps spark plug and distributor terminals. VT No. 16-0514



Jims Ignition Switch Housing Tool will align the ignition switch housing as the retaining screws are being torqued. Use for proper alignment of switch knob with housing. Use on all 2003-up FLT models and 2002-up V-Rods. VT No. 16-0318



Deutsch Pin Tools.
VT No. Size Color
16-0087 20 Red
16-0088 16 Blue
16-0089 14 Green



Removal Tool Set for Deutsch HD10, HD20, HD30 Connectors. VT No. 16-0090



Jims Ignition Switch Connector Remover Tool. Use this tool to safely remove ignition switch wiring connector on all 2003-up FLT models and

all 2002-up V-Rod models. VT No. 16-0319

Deutsch Tools



Deutsch Terminal Tool use with solid type terminals VT No. 16-0476



Deutsch Terminal Tool use with stamped type terminals VT No. 16-0476



Wire Removal Terminal Tools.

VT No.	Style
16-1618	Mate-N-Lock
16-1619	Molex MX-150
16-0478	Delphi-Packard Weather Pack



Battery Maintenance



Dyna Charge Monitor. The DCM-1 evaluates voltage in a charging system and indicates whether system voltage is too low or high. Unit is designed for 12 volt systems and features LED indicators.
VT No. 32-9088



16-1792



Battery Hydro-meter is a great tester for cycle batteries because of its small size.

VT No. 16-0864



"Activator" Battery Filler attaches to any standard acid pack tube. Positive thumb release valve absolutely controls acid flow. No acid spills, burns or holes in clothing.

VT No. 16-0037



16-1870

Super Smart Battery Tender constantly monitors battery without the damaging effects of a trickle charger. Initial charge brings battery up to full charge then converts to a float charger, keeps a 12 volt battery at 13.6 volts.

VT No.	Type
16-1792	12 volt
16-1793	6 volt
16-1870	12 volt, Junior Tender
16-1871	6 volt, Junior Tender
16-1794	Snap Cord



Custom Battery Cable Kit includes 25' cable, (20) 1/4" terminals, (12) 5/16" terminals, (8) 3/8" terminals, 40 pc, black heat shrink and 12pc red heat shrink. Available with clear or black cable.

VT No.	Item
32-1350	Clear Kit
32-1351	Black Kit
16-0351	Crimping Tool

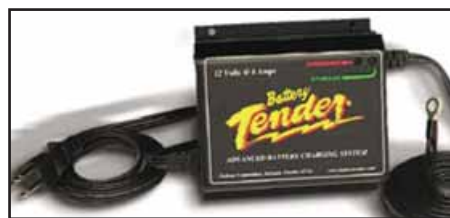


Deka Power Sports Advanced Battery Charging System. A 12 volt 2.0 amp automatic battery tender for both AGM and lead acid batteries. Features LED indicator lights. Reverse polarity protection, spark free operation and automatic switch to float mode.

VT No. 16-0086



Volt Meter reads 8-16 volts on a 48 mm diameter face.
VT No. 32-0702



Battery Tender Lightweight Chargers (Power Tender). 6 amp features ring type terminals without quick disconnect. Available for standard lead/acid batteries or sealed AGM batteries.

For Lead/Acid Batteries

VT No.	Volts
16-1875*	12

*Note: Also For Sealed AGM Batteries



Battery Booster Cable Set. 10 feet in length. 10 gauge in size.

VT No. 16-0350



Chrome "Motor Style" Battery Tender. Charges and maintains voltage on 2 batteries at once at .800 amp for conventional batteries or maintenance free batteries. An internal sound chip mimics the sound of a motorcycle engine starting when you connect the charger to a battery. There is also a button to let you activate the sound.

VT No. 16-0547

Alternator Repair



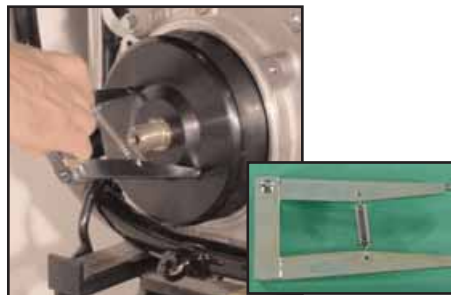
Moto Shop Alternator Sealing Ring Replacement Service. Ship in 1970-up left hand case with damaged O-Ring lip and we will machine out and replace with new steel sealing ring.

VT No. 60-0164



Big Twin Alternator Rotor Puller uses the sprocket shaft end to center and the two threaded holes in rotor to allow removal of rotor.

VT No. 16-1054



Big Twin Alternator Rotor Puller uses the two threaded holes in rotor to allow removal of rotor.

VT No. 16-0693



16-0691



16-0692

Trock Crankcase Repair Fixture. A precision machined cast iron fixture that allows BT left hand crankcase o-ring seal area to be machined out so new sealing lip ring can be installed. Sealing ring is manufactured from ductile iron and must be loctited in place.

VT No.	Item
16-0691	Fixture
16-0692	Sealing Ring
60-0164	Machine & Install Case for sealing



Bushing-Race Pullers



16-0155



16-0657

Wheel Bearing Wrench removes the slotted lock nut on spoke wheels. Sportster and 1967-72 Big Twins. Replaces 94630-67.

VT No. Type

16-0155 V-Twin w/Handle

16-0657 Jims with 1/2" Drive



16-0065

Wheel Race Puller.

Replaces service tool 33071, for hubs with tapered races 1973-99. All models.

VT No. Item

16-0425 Puller & Installer

16-0065 Driver



16-0425



Cross Arm Puller is 1" square bar 4 3/4" long slotted, with 3/8" x 16 bolts, use any size bolt to pull gears and sprockets that have 2 tapped holes, or use with bearing separator 16-0602.

VT No. 16-0499



16-0732



16-0558
Shown
in use

2000-up Wheel Bearing Puller and Installer Tools.

Use on all 2000-up Twins. 16-0558 includes arbor to pull 3/4", 1" and 25mm sealed bearings.



VT No.

16-0732

Item

Puller & Installer

Fits

2000-06

16-0558

Puller & Installer

2000-up

16-0733

Puller & Installer

2007-up

16-1370*

Puller

2007-up

16-1371*

Installer

2007-up

*Note: Requires 16-0732 tool also for use.



Bushing Puller Tool will extract bushings in blind holes of cam covers.

VT No. 16-0231



Jims Rear Wheel Compensator Bearing

Remover/Installer Tool used to remove or install the ball bearing in rear pulley on all 2008-up FLT models. Tool will center and guide the bearing for proper installation.

VT No. 16-0315

Hand Tool



Fiberglass Saddlebag Rivets, 50 pack.

VT No.	OEM	Length
37-0566	90965-63	5/16"
37-0567	90966-63	1/4"
37-0568	90967-64	3/8"



Clutch & Brake Brass Rivets.

VT No.	OEM	Type	Use
37-8805	—	Short 4-41/2	Brake
37-8806	41871-31	Long 4-5	Brake
37-8807*	8226	Short 7-4	Clutch

*Note: For clutch hub friction disc.



Riveting Tool

installs rivets in saddlebag top and other fiberglass items. Replaces 39787-A

VT No. 16-0896

Spotlamp Holder assists in assembly procedure in conjunction with signal lamp.

VT No. 16-0515



Stud Remover and Replacer is a powerful tool that is designed to fit into the hard to reach spots and get out the hard to turn studs. Capacity from 1/4" to 3/4".

VT No. 16-0617



Rivet Set will cap head of solid steel rivets for 3/8 round head size.

VT No. 16-0709



Safety Wire Tools. Wire twisting pliers have an automatic twisting and playing motion which gives uniform twists without damaging wire, with an attractive end result. Bolt drill fixture allows drilling of 1/16" dia. holes in heads of hex, 12 point, or allen head cap screws from 3/16" to 5/8" shank diameter. Includes drills and bushings, which secure the bolts during the drilling operation. Tools sold separately.

VT No.

16-0749

Item

Drill Fixture

16-0983

Twisting Pliers

16-0972

Tie Wire, .032

16-0971

Tie Wire, .041



Piercing Punch. Heavy 7 1/4" long, use as drift, punch or scribe.

VT No. 16-0968



Vise Jaw Pads available in aluminum.

VT No. 16-0420



Gasket Removal Brush Tool is 2" in diameter and can be used for cleaning, deburring and resurfacing. Excellent for removal of silicone glue and paper gasket material from gasket surface.

VT No. 16-0794



Hand Held Impact Driver is a very efficient tool for those hard to loosen screws. Complete set includes main body, adapter, 2 screw bits and 2 phillips bits.

VT No. 16-0151



16-1738

Motion-Pro Shop Tools.

VT No.

16-1737

Item

Piston Pin Press Tool

16-1738

Spring Removal Hook



4-Speed Transmission Tools



Big Trans Stud Installer Tool for 1936-86 4 and 5-Speed Softail.
VT No. 16-0719



16-0105



16-0036



16-0028



16-0057

Mainshaft/Drive Bearing Press Tools.

VT No.	OEM	Fits	Press
16-0105	33428A	79-84 BT 4-spd	Shaft
16-0036	34734	79-90 BT 5-spd	Seal
16-0028	34810	1984-90 XL	Drive
16-0057	34732		
16-1755	35820-86	1977-84 BT	Countershaft
16-0117	34735	1936-38	Gear



16-0740

Mainshaft Starter Clutch Gear Puller for 1936-84 4 Speed model.

VT No.	Brand
16-0712	V-Twin
16-0740	Jims



16-0712



Mainshaft Ball Bearing Lock Nut Wrench replaces 94635-41A. Fits 1940-up Big Twin models. Handle is not included.

VT No. 16-0116



16-1798

Adjustable Reamers use to fit I.D. on new bushings.

VT No.	Years	Fits
16-1798	1941-85	BT Main Drive Gear
16-1799	1936-84	BT-XL Kicker Shaft
16-0878	1936-57	BT Brake Cross Shaft
16-1801	1936-84	BT Clutch Release Shaft



Big Twin Mainshaft Seal Remover & Installer replaces 95660-42. Use to install and remove main seal. This tool will push seal in as flat and straight as possible to .050 below housing for a no leak fit.

VT No.	Years	Speed
16-1803	1936-76	4
Additional Drivers for Above		
16-0702	1977-86	4, (2.4 O.D.)
16-0703	1979-81	5
16-0701	1980-84	5
16-0700	1985-up	5



A



B

Shifter Fork Gauge is used to set and align shifter forks on Big Twin 4-speed models.

VT No.	Jim	#	Years
16-0121	16-0641	A	1939-78
16-0120	16-0642	B	1979-84

Countershaft Sprocket Nut Tool



16-0821



16-0757

Countershaft Sprocket Lock Nut Wrench features an extra long two piece design inner collar which will retain wrench to nut. Fits 1936-up Big Twins, 1 7/8" hex, 4 and 5 speed models.

VT No.	OEM	Brand
16-0821	94660-37A	V-Twin
16-0757	94660-37A	Jims 1/2" Drive



Mainshaft Impact Driver Tool fits 1941-84 4 Speed.
VT No. 16-0656



4-Speed Transmission Arbor replaces clutch hub nut to allow test rotation with 1/2" drill.
VT No. 16-1274



16-0114



16-0901

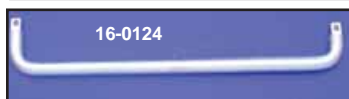


16-0823

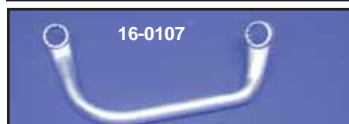
Shop Wrenches



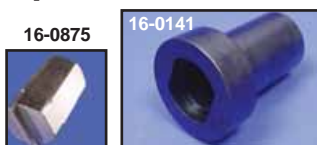
16-0108



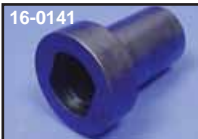
16-0124



16-0107



16-0875



16-0141



16-0106



16-0804



16-0068



16-0103



49-0366

Big Twin Countershaft Sprocket Nut Tool is a factory style tool. Includes handle.

VT No.	Models	Use
16-0114	1937-84	4-Speed BT 4th Gear Sprocket Nut
16-0901	All	Handle for above
16-0823	1941-73 45	
49-0366	1936-40	BT

Shop Wrenches.

VT No.	OEM	Use
16-0141	94555-55A	BT Pinion Nut, 1954-up
16-0106	94644-65	BT Primary Shoe, fits through cover access hole
16-0124	94590-73	3/8" Drive for Head Bolts
16-0107	94585-30	Cylinder Base, 5/8"
16-0875		Tappet Oil Screen, Plug
16-0108	94589-29A	Cyl. Base, Head Bolt fit 9/16" Nuts
16-0804	11929-29	Spark Plug & Tappet 1 5/32"
16-0103	94501-56	Circuit Breaker BT 17/18" Hex
16-0067	12047-30	UL Head Bolt
16-0068	12047-36	OHV Head Bolt

Mainshaft 5 & 6 Speed



Big Twin Mainshaft Seal Remover & Installer replaces 95660-42. Use to install and remove main seal. This tool will push seal in as flat and straight as possible to .050 below housing for a no leak fit.

VT No.	Years	Speed
16-1803	1936-76	4
Additional Drivers for Above		
16-0702	1977-86	4, (2.4 O.D.)
16-0703	1979-81	5
16-0701	1980-84	5
16-0700	1985-up	5



Jims Right Side Drive Transmission Trap Door Puller Tool. Removes access door on all right side drive transmissions.
VT No. 16-1356



Jims Transmission Main Drive Gear Nut Wrench Tool. Use to remove the 2 1/4" hex nut from main drive gear which secures the rear drive trans pulley. Use with 1/2" drive ratchet. Use on all 2006-up Dyna and 2007-up FXST-FLT models.

VT No.	Brand
16-1359	Jims
16-1261	Sifton



5-Speed Main Drive Gear Seal Installer Sets seal to proper depth with trans assembled. By Jims.
VT No. 16-0664



Shifter Shaft Sleeve Tool fits 5 and 6 Speed transmission.

VT No. 16-1664



Countershaft Support Plate Tool fits 1991-up 5 Speed Sportster.
VT No. 16-1756



Jims Transmission Door Removal Tool use this tool to pull complete door with gears and shafts from transmission. Use on 2006-up Dyna and 2007-up FXST-FLT models.

VT No. 16-1358



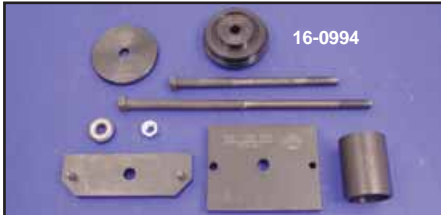
Jims Main Bearing Installer Tool. Allows proper installation of transmission case main bearing by holding bearing square to its bore. Use on 2006-up Dyna and 2007-up FXST-FLT models.

VT No. 16-1355



Big Twin 5-Speed Transmission Shift Pawl Adjuster Tool Set fits mid 1992 and later. Includes a tool to loosen the jam nut on the pawl adjuster and the other to adjust the shifter pawl set. Replaces 41184.

VT No. 16-0646



Jims 5-Speed Transmission Main Drive Gear Tools. Use 16-0994 to remove and install main drive gear and install main bearing. Use 16-0718 for remove main drive bearing. Both tools can be used without removing transmission case. Use on all 5 or 6-Speed Big Twins 1980-up.

VT No.	Type
16-0994	Main Drive Gear Installer
16-0718	Main Drive Bearing Remover



Mainshaft/Drive Bearing Press Tools.

VT No.	OEM	Fits	Press
16-0105	33428A	79-84 BT 4-spd	Shaft
16-0036	34734	79-90 BT 5-spd	Seal
16-1767	37842	1991-up BT-XL	Drive



Jims Main Drive Gear Installer Tool. This tool will hold

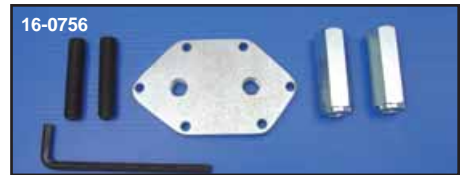
the main drive gear square to its bearing bore for proper main drive gear installation. Use on 2006-up Dyna and 2007-up FXST-FLT models.

VT No. 16-1350



Jims Main Drive Gear Bearing and Seal Installer. This tool will hold bearings and seal square to its bore for proper installation and will also allow both to be installed to proper depth. Use on all 2006-up Dyna and 2007-up FXST-FLT models.

VT No. 16-1353



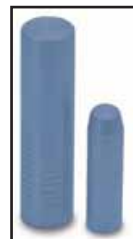
5-Speed Transmission Door Remover & Installer removes and replaces the door bearings. Saves time as the complete transmission does not have to be dismounted allowing the mainshaft and countershaft clusters to remain in place for use when installing 5-Speed Kicker Kit.

VT No.	Item/Brand
16-0756	V-Twin Door Remover & Installer
16-0663	Jims Remover Only
16-0731	Jims Installer Only
16-0672	Bearing Remover/Installer



Jims Big Twin Mainshaft Primary Bearing Race Remover & Installer for use on all 1984-up Big Twins, replaces 34902.

VT No. 16-0877



Main Drive Gear Seal Installer allows installation of main drive gear oil seal on assembled transmission to proper depth. The protective sleeve included is used for protecting inner bearings of main drive for installation. For 2006-up FXD and 2007-up FLST.
VT No. 16-1363



Primary



Outer Primary Cover Starter Bearing Removal Tool removes 9063 Torrington Needle Bearing for Big Twin and XL covers.
VT No. 16-0717
Note: This tool will also remove the 35961-52 Bearing in Countershaft Gear (Late) 4 Speed Big Twin, and also the 4-Speed Sportster Clutch Gear.



Big Twin Primary Drive Locking Tool is used as a wedge type device to hold the primary drive gear while the proper torque is applied without damaging the primary gear. Constructed of nylon, OEM# 41214.
VT No. 16-0650



Ratchet Plate Riveting Fixture securely aligns plate to drum while setting rivets on 1971-79 XL model clutch drum.
VT No. 16-0165



Starter Jackshaft Seal Installer Tool will easily allow alignment and installation of starter jackshaft seal (OEM#12066) without distortion or damage to seal. For 1994-06 Big Twins except 2006 Dyna.
VT No. 16-1373



Inner Primary Cover Bearing & Seal Remover Installer Tool safely removes and installs inner primary bearing (OEM# 9135) without damage to the new bearing by pushing on the outer perimeter of the bearing. Removes and installs inner primary and seal that the transmission mainshaft passes through (OEM#12052A). For L1984-06 FXST/FLST; 85-06 FLT/FLHT/FXR/FXD/FXDWG
VT No. 16-1367



Primary Locking Bars use to lock primary for servicing.

VT No.	Use
16-0680	4-Speed BT's & 5-Speed FXST
16-0681	5-Speed FXR-FLT
16-0682	1991-up Sportster & Buell®
16-1357	2007-up Dyna
16-0327	2007-up FLT



Clutch Adjusting Gauges are used to find the correct distance between the outer drive plate and outer releasing disc for 1971-83 Sportsters, 1936-67 early and 1968-84 late Big Twins. Set of 3 tools
VT No. 16-1807



1971-85 XL Clutch Adjust Tool.
VT No. 16-0123



Primary Drive Aligning Fixture will align teeth on clutch

shell with motor sprocket. Fits Ev.
VT No. 16-0203



Starter Pinion Gear Holder Tool fits 9 and 10 tooth gears.
VT No. 16-0484



Starter Ring Gear Rivet Fixture Tool removes the starter ring gear rivets from Big Twin clutch shells. For 2006-07 BT except Dyna.
VT No. 16-1368



Primary Plug Wrenches for Sportster models.

VT No.	OEM	Years
16-0158		1971-84
16-0985*	33186	1971-up
8862-1	Evo	1986-up

***Note:** Uses 3/8 socket handle

Belt



Final Drive Tool fits final drive pulley, so the nut can be properly set to torque specifications.

VT No.	Type
16-0649	BT
16-0588	XL
16-0590	XL (Jims)



Belt Tension Gauge designed to aid in properly adjusting belt tension on models with a secondary drive belt.
VT No. 16-1765



Calibrated Belt Tension Gauge. Accurately measures belt tension.
VT No. 16-0589

Chain



Standard Chain Puller eliminates the annoyances of installing the master link in rear chain. Conveniently pulls chain halves together without loosening at rear wheel. Fits all sizes.
VT No. 16-0611



Chain Puller Tool.
VT No. 16-1615



Link Press Tool presses the side plates on all 530 O-Ring Chains.
VT No. 16-1729

Chain Riveting Tool and Chain Breaker.

VT No.	Item
16-1740	Breaker
16-1741	Riveting Tool Set
16-0201	Riveting Tool Set (V-Twin)

Diamond Chain Breaker is excellent for cutting 530 heavy chain.

VT No.	Item
16-0255	Breaker Complete
16-0950	Replacement Tip



Small Chain Breaker replaces 12039X.
VT No. 16-0144

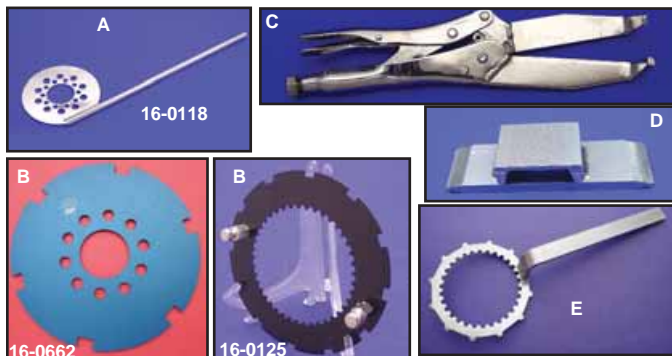


Clutch Tool



Clutch Hub Pullers. 16-0113 Pointed type pulls clutch hubs on 74 & 45, motor sprockets on 74 & XL trans sprocket on XL, also rotor assembly, on 74-80 BT, 1970 & later. 16-0115 Swivel style fits over clutch push rod on 1970-85 Big Twin so there is no need to remove the kick cover.

VT No.	Item	Type
2556-1	1936-40	—
16-0113	1941-84	Point
16-0115	1941-84	Swivel
16-0176	1941-84	Point
16-0179	As Above with stencil	
16-0961	1984-up Wet Clutch Type	
16-0310	Primo Brand Pro Clutch	BT



Clutch Drum Locking Tools for removing clutch hub and motor nuts.

VT No.	#	Year	Model
16-0118	A	1941-84	Big Twin
16-0662	B	1941-84	Big Twin, Jims
16-1775	E	1984-89	Big Twin
16-1773	E	1990-up	Big Twin
16-1776	E	1984-89	XL
16-0125	B	1952-70	XL
16-0159	D	1956-84	XL
16-0992	C	1971-84	XL



Clutch Hub Stud & Pin Tool. Hold tool in vise, insert new stud, place clutch hub over pin, then peen over pin.
VT No. 16-0145



Gasket Locator Tool (3 Pc Set) will align primary, cam & transmission end cover gaskets, to prevent misalignment & oil leaks.

VT No. 16-1362



Clutch Assembly Service Tool will safely disassemble and assemble the clutch shell assembly and also remove and install the clutch hub from the bearing. Safe removal & installation of clutch shell ball bearing (OEM# 37906-90) with no damage to new bearing.

VT No. 16-1366



Clutch Compressor Tools allows disassembly of clutch pack.

VT No.	Year	Model
16-0410	1941-84	Big Twin
16-0967	1990-up	Big Twin
16-1769*	1991-up	XLs (Screw)
16-0156	1971-84	XLs
16-0059	1985-90	XLs

*Note: Adapts 16-0967 to fit 1991-up XL.



Clutch Compression Tool fits 1990-up Big Twin and 1991-up XL models.

VT No. 16-1514



1990-up Big Twin Clutch Compressor Tool features access windows to ease the removal and installation of snap ring, by Jims.

VT No.	Fits
16-1805	Big Twin
16-1849	Adapter to fit 1991-up XL

For V-Rod

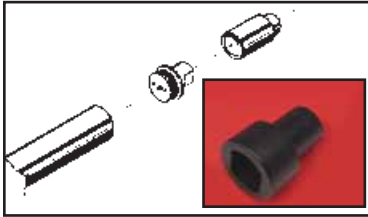


V-Rod Service Tools by Jims.

VT No.	Tool
16-1130	Clutch Alignment
16-1667	Clutch Hub Holder



Fork



Fork Tube Plug Tool has a special socket which fits 1948-up Glide Fork Plug, 1/2" drive.

VT No. Brand
16-0630 VT
16-1008 Jims



Fork Leg Holding Tool holds for prevent fork tube from turning when removing top nuts.

VT No. 16-0898



Fork Spring Compressor Tool puts pressure on top fork plug to compress spring to ease in assembly.

VT No.	Type
16-0573	Trock
16-1009	Jims
16-1025*	Jims

*Note: Use with 16-1009 for extended length fork tubes.



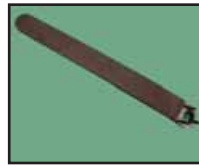
Cone Nut Wrench features pins to turn cog style cone nut 3/8" drive. Fits BT.

VT No. 16-0178



Fork Pre-Load Assembly Tool allows pre-load to be set on 41mm forks during assembly.

VT No. 16-0745



FXSTS Fork Stem Bearing End Play Setup Wrench. Offset Handle allows for proper clearance of fuel tank and other accessories.

VT No. 16-0444



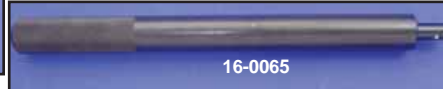
16-1768



16-0895



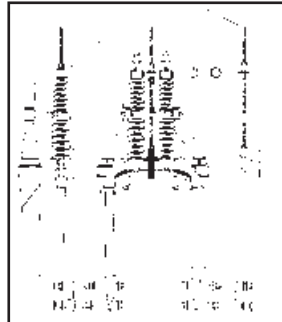
16-1766



16-0065

Steering Head Bearing Tools fit 1988-up FXST, 1982-up XL, 1992-up FXDB-FLT to remove or install races.

VT No.	Item
16-1768	Remover
16-1766	Installer
16-0065	Driver Handle for A
16-0895	Driver Handle Adapter, 1992-up FLT-FXD



VT No. 16-1003 Shown



16-0739



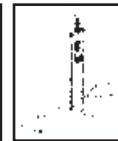
16-1003

Spring Fork Assembly Clamp facilitates building of stock type forks by compressing upper & lower spring.

VT No.	Years
16-1003	1936-57
16-0739	1988-up



16-0073



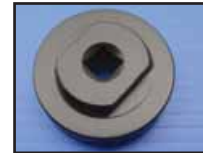
Lower Neck Bearing Puller Set includes cross arm puller, rods and lower puller claw. Simply remove roller from old bearing, install claw and turn puller.

VT No. 16-0073



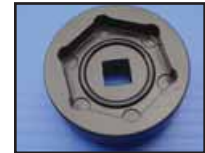
Fork Bearing Installer Tool fits over 1" stem allowing bearing to be "driven" on.

VT No. 16-0724



Hex Top Fork Nut Socket has 3/8" drive, rubber protector on inside for Glide Forks, 35mm. By Jims.

VT No. 16-0670



Socket Wrench is designed for easy removal and installation of stock 1 3/8 hex flat top fork tube plugs. Installed O-Ring eliminates damage to top of plug. Black oxide.

VT No. 2317-1

Socket Wrench is designed for easy removal and installation of 1 3/8 Hex Colony custom dome style fork tube plugs. Will also fit stock and Colony Knucklehead rocker arm shaft nuts (7110-8). Installed O-Ring eliminates damage to top of plug. Black oxide.

VT No. 2319-1



Fork Tube Spring Retainers and Pin Wrench Kit includes 2 retainers for 1952-72 XL and pin wrench for installation removal of retainers.

VT No.	Item
7700-3	Kit
7701-2	Retainers only, pair



Spring Fork Rocker Bushing Remover-Installer Tool will replace stock steel bushings on 1930-57 Spring Forks.

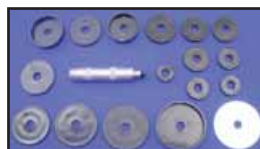
VT No. 7611-2

Fork Seal Drivers



Fork Seal Driver for 41 mm bushing and seal installation.

VT No. 16-0557



Seal Driver Kit quickly installs seal without damage, includes 16 adapters for seals up to 3 3/8" diameter. Includes special adapters for "shielded" seals.

VT No. 16-0069



Bearing Race & Seal Driver includes driver handle and 6 machined aluminum collets to fit most bearings.

VT No. 16-0505



16-0555



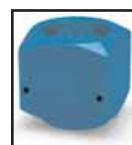
16-0056



16-0964

Fork Bushing & Seal Installer. Installs bushing and seal without damaging components.

VT No.	OEM	Use
16-0055	34190	1983-up FXRT 1983-up XR
16-0056	34634	1984-up FX-XL
16-0964	36583	1984-Later FLT-FXWG
		1987-up FXR-FXRS, 88-up XL



49mm Fork Seal and Dust Shield Installer Tool installs the lower leg 49mm fork seal squarely into the bore with no damage to the lip seal surface. Also installs dust shield cover. It is a two-price design to aid in some assembly applications.

VT No. 16-1369



Adjustable Split Fork Seal Driver Set use on all 35mm, 39mm and 41mm forks. Includes seal drive and three seal guides.

VT No. 16-0074



Suspension



1989-up ST Shock Tool for use with 3/8" ratchet drive.
VT No. 16-0917



16-5506

Shock Tool allows disassembly and assembly of shocks on Softail models. Fits 1986-up.
VT No. 16-5506



Shock Absorber Tool. Replaces 97010-52A to simplify shock absorber disassembly or assembly by holding spring in compression while disassembling parts. Includes 97019-52A block.

VT No.	Item
16-0079	Tool
16-1847	Bolt for Above



Shock Tool Set is a five piece set of each of the numbers listed below.

VT No.	#	OEM	Model
16-0136	A-E	Complete Set	
16-0101	B	94820-75	1975-78 XL's Gabriel
16-0409	C	94409-78	1979-up Sportster
		94448-82	1979-up FXR-FLT
16-0408	A	94408-78	1982-up FL-FLH
		94444-82	1982-up FX-FXE
16-0100	D	94700-65	1952-74 Sportster
			1958-81 FL-FX Scissor Type
16-0748	E	94555-89	1989-up FXST-FLST
16-0954	F	94448-82A	1989-up ST, 1979-up XL-FXR



Swing Arm



16-1733

16-1734

5-Speed Swing Arm Tools cleve block spreading tool facilitates installation of swing arms on rubber mount models. Swing arm assembly tool removes and installs swing arm pivot components.

VT No.	OEM	Item
16-1733	33805	Spreading Tool
16-1734	96200-80	Assembly Tool



Shock Change Tool holds swing arm in position during shock change.
VT No. 16-0076



Swing Arm Bearing Installer Tool will install both right and left swing arm bearings squarely on their bores to the installed depth on 2002-up FLT models. Replaces 45327.
VT No. 16-1058



Rear Swing Arm Section Bearing Remover/Installer for use on 1986-99 FXST-FLST models.
VT No. 16-0688



Jims Powertrain Alignment Tool aligns powertrain to proper position safely and easily on most touring models. Performing alignment service must be done when engine, transmission or swingarm has been repaired or removed. This tool helps to provide the accurate alignment necessary for handling safety and performance. For 1993-97 FLHT; FLHR; FLHX & FLTR.
VT No. 16-1365

Brake



Brake Drum Turning Arbor for all 5-bolt Big Twin brake drums. Replaces 97280-60A.
VT No. 16-0122



Front Low Pressure Master Cylinder Bleeder Covers will allow one person to bleed brake lines or to check system for leaks and can drain the entire system to replace brake fluid.

VT No.	Year
16-7319	1972-81
16-7320	1982-95
16-7322	1996-98



Brake Caliper Piston Remover Tool to aid in removal of piston from 2000-up front and rear caliper assembly. Replaces 43293A.
VT No. 16-0541



One Man Brake Bleeder includes tubing and canister and complete instructions.
VT No. 16-1784



Brake Cylinder Hone.
16-0613 Brake Cylinder Hone 3/4" to 3"
16-0614 Set of Stones for 3183 Hone



Flex Hone for Rotor designed to produce a swirl or cross hatch pattern with a non-directional finish which reduces friction induced braking noise: medium grit. Designed for low speed operation using a 3/8" drill. Available for Master Cylinder Bore.

VT No.	Use
16-0640	Rotor
16-0785	5/8" Master Cylinder
16-0786	11/16" Master Cylinder
16-0787	3/4" Master Cylinder



Snap Ring Pliers are specially designed with long reach fingers for use on master cylinders.
VT No. 16-0788



Tire Changers



Wheel Truing Stand includes 3/4" & 1" shafts.
VT No. 16-1525



The **280 Balancer** has a specially designed balancing shaft, plus a large, easy to read optical balance indicator that allows for fast and simple wheel attachment.
VT No. 16-0511



The **220 Cycler** is a simple to operate manual changer designed to handle motorcycle wheels, including the new custom alloy wheels and tubeless tires, easier and faster. Shipped by UPS.
VT No. 16-0510 Tire Changer
16-0938* Plastic Iron Ends
*Note: Replacements for tire bar included with cycle changer.

Wheel Truing Stand



Wheel Truing Fixture of cast alloy construction. Adjustable width for all wheels, with or without axle in place. Order 16-0071 roller stanchions for use with flywheels and



Wheel Truing/Balancing Stand includes tapered adapters and hub arbors.
VT No. 16-0867



16-0164



16-0200

Spoke Wrenches. Available as multi-fit 6 jaw type or 8 gauge forged.

VT No.	Type
16-0164	6 Jaw
16-0200	1-piece, 8 gauge, forged



Professional Wheel Truing Stand includes roller stanchions to facilitate flywheels or crank shafts.
VT No. 16-0799

shafts or wheels with non-removable axle.

VT No.	Item
16-0498	Wheel Truing Stand
16-0071	Roller Stanchions
37-8928	Wheel Weight Kit

Tire Tool



Bead Breaker will depress bead on mag or spoked wheels.

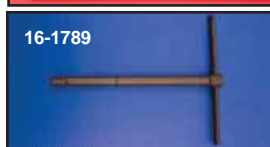
VT No. 16-0570



Spoon Style Tire Iron. 10 1/2" long.
VT No. 16-0694



Wheel Lug Allen Wrench fits all front and rear wheels 1935-72 FL models.

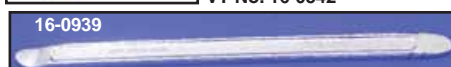


VT No.	Item
16-0102	Lug Wrench
16-1730	Drive Socket
16-1789	"T" Lug Wrench

FLT Wheel Lug Wrench is a 3/8" hex key shaft which fits all 1982-up FLT models. Sold each.
VT No. 16-0996



Motion Pro Bead Popper designed to break the bead on all types of motorcycle tires. Made of durable high impact plastic that will not scratch the wheel.
VT No. 16-0542



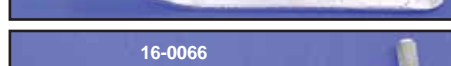
16-0939



16-0163



16-1764



16-0066



16-0957



Tire Changing Tools. Breezer Tools makes tire changing a breeze by its patented design which lifts the bead without bending the rim. Instructions included, use in conjunction with the breezer iron. Valve fishing tool combines core driver and deflating pin with full length cable to facilitate working valve through rim hole.

VT No.	Item
16-0939	15 1/2" Forged Iron
16-0163	8 1/2" Forged Iron
16-1764	15" Forged Iron
16-0973	240 mm
16-0066	Valve Fisher
16-0957	Breezer Flat Iron



Digital Tire Gauge. 0-150 PSI.
VT No. 16-0997



16-1777



16-1778

Stop & Go Tire Repair Kit & Bead Breaker. Deluxe tire repair kit allows immediate road side repair of punctured tires. Tire bead breaker is made of heavy duty cast iron.

VT No.	Item
16-1777	Repair kit
16-1778	Bead Breaker



Tire Pressure and Temperature Monitor.
VT No. 16-9725



16-0333 Installed

Axle lock tool. This tool holds the axle in place and prevents movement of adjustment while you torque the rear axle on 2002 and up FLT



3rd Hand Axle Locker Tool. If you have noticed, as you are torquing down the axle nut after you set the proper belt tension,

(Deflection) the welded axle nut will move to the low side of adjuster cam. This movement will allow the belt to lose adjustment. Now with **Jims 3rd Hand Axle Tool**, you will not need to find a helper to hold the nut or yourself having to reach around the tire and hold the nut from moving. Just place this tool over the welded nut on left side with the neck portion of tool resting over the swing arm. Hand screw the adjusting screw to take up any slack in tool. Torque the axle nut from right side knowing that the welded nut will not turn allowing the belt to lose its adjustment.

VT No. Brand
16-0329 Jims
16-0333 VT



Shock Change Tool holds swing arm in position during shock change.
VT No. 16-0076



Swing Arm Bearing Installer Tool will install both right and left swing arm bearings squarely on their bores to the installed depth on 2002-up FLT models. Replaces 45327.
VT No. 16-1058



16-0329 in use

Rear Swing Arm Section Bearing Remover/Installer for use on 1986-99 FXST-FLST models.
VT No. 16-0688



Jims Powertrain Alignment Tool aligns powertrain to proper position safely and easily on most touring models. Performing alignment service must be done when engine,

transmission or swingarm has been repaired or removed. This tool helps to provide the accurate alignment necessary for handling safety and performance. For 1993-97 FLHT; FLHR; FLHX & FLTR.
VT No. 16-1365



Combination Oil Filter Wrench includes drain plug hex at opposite end.
VT No. 16-0451



Seal Puller Tool. Simply insert the tip of the tool behind the oil or grease seal, press and pull leverage works for you. No more pounding, hammering and digging that might damage bearings. Two size tips reach in and fit nearly all seal applications.

VT No. 16-0838



Wheel Bearing Greaser. Fitting & spigot greases 1973-99 tapered bearings without removing seals, use existing seal spacer or purchase separately.

VT No. Item
16-0803 Tool
44-0303 Collar



Cable Oiler directs lubricant into the cable core.
VT No. 16-0686



Swivel-Flex Oil Filter Wrenches feature gripper teeth and a durable treated band with a vinyl covered flex handle which swivels to clear frame and exhaust obstructions. Replaces 96221-80.

VT No. 16-0903



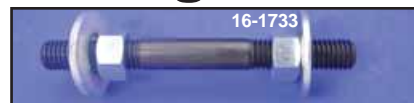
Grease Fittings. Special thread.

VT No.	Year	Type	U/M
8770-6	1909-38	Nickel	6 pk
49-0595	1909-38	Nickel	10 pk
44-0533	1938-up	Zinc	10 pk
9864-6	1938-84	Cadmium	6 pk
9897-6	1938-84	Chrome	6 pk
44-0558	1938-up	Nickel	10 pk
37-8856	1979-84	Zinc	10 pk
37-0511	1938-up	67.5°, Zinc	5 pk
37-0521	1938-up	90°, Zinc	5 pk



Flat Top Alemite Grease Fitting Adapter is designed to be used on alemite grease fitting, 0340. Tapped 1/8" NPT to use with standard grease gun.
VT No. 9929-1

Swing Arm



5-Speed Swing Arm Tools cleve block spreading tool facilitates installation of swing arms on rubber mount models. Swing arm assembly tool removes and installs swing arm pivot components.

VT No. OEM Item
16-1733 33805 Spreading Tool
16-1734 96200-80 Assembly Tool



Hollow Axle Plug Tool will give the correct center point required for safe vehicle alignment. Lube the o-ring ends of these tools and insert in left and right ends of axle on Dyna and XL models. Use on all 2008-up Dyna and XL models.



VT No. Brand
16-0328 Jims
16-0332 Sifton



Jims Rear Axle Not Torque Adapter for 2006-up FL Touring models. This tool is designed with a 1/2" drive receiver hole for inserting your torque wrench thus letting you torque the axle nut from an offset position. Removal of muffler is not required for use of this tool.

VT No 16-1906

Lubrication



Oil Filter Wrench fits all spin on filters. 3/8" drive. Fits all models and TC-88.
VT No. 16-0743

Works Best!



E-Z Squeeze Bearing Packer. Patented design greases all tapered bearings with a 5/8" or larger I.D. Canister holds grease for clean operation.

VT No. 16-0755



Lincoln Grease Gun. Small type as early units.
VT No. 16-0548



Oil Drain Reservoir. 2.5 gallon. Low profile fits under frames on ST and FLT models.
VT No. 16-0585



Wrench



Evo Rocker Box Cover Wrench is designed to reach 3/16" allen on Evo Big Twins

and Sportster models. Features a 3/8" drive for use with torque wrench and a vinyl covered handle. **VT No. 16-0220**



FLT Rear Axle Nut Ratchet Wrench for 36mm axle nut. Low profile design allows access to rear axle nut without removal of exhaust system.

VT No. 16-9636



16-5530

Evolution Ratcheting Intake Manifold Wrench features ball end allen bit end for flexibility in tight areas.

VT No. 16-5530

Evolution Rocker Box Cover Ratcheting Wrench features low profile to allow clearance between frame & engine, long handle for increases reach and replaceable bit.

VT No.	Item
16-6529	Wrench
16-6530	Replacement Bits



Intake Manifold Allen Wrench cuts work in half, no need to remove gas tanks, on all Evo BT & Sportsters.
VT No. 16-1806



16-6531

Lower Rocker Box Wrench for Evo & Twin Cam Models is used to install and remove lower rocker 7/16" mounting bolts.



16-6532

VT No.	Fits
16-6531	Evo
16-6532	TC-88



Exhaust Bracket Wrench used to remove and install front exhaust bracket bolts on all 1999-up TC-88 Dyna models.

VT No. 16-6538



Speedometer Sending Unit Wrench features a shortened 3/16" ball end hex bit for removal or installation of hex screw used on all Big Twin models. Equipped with electronic sending units.

VT No. 16-6738



16-9723



16-9724

Oil Pressure Gauge and Indicator Lamp Sending Unit Wrenches. These reversible ratcheting wrenches are used to install and remove oil pressure indicator lamp or gauge sending unit on all FL Touring models 1999-up.

VT No.	Item
16-9723	Indicator Lamp
16-9724	Sending Unit



Manifold-Side Car Wrenches large type, heavy duty for shop use.

VT No.	OEM	Size	Use
16-0111	94536-18	1 3/4"	Side Car
16-0110	94537-26	1 7/8"	45 Manifold
16-0112	94538-30	2"	SV Manifold
16-0109	94538-48	2 1/8"	BT Manifold



Oxygen Sensor Tool will remove and install oxygen sensors on fuel injected models. Can be used with 7/8" wrench or 3/8" drive.

VT No.	Fits
16-1131	18mm
16-1132	12mm



Left Rear Motor Mount Bolt Wrench allows removal and installation of left rear motor mount bolt on Big Twins without removing the inner primary cover. **VT No. 16-0518**



16-0013

5 Piece "S" Box Wrench Set includes 3/8 x 13/32, 7/16 x 1/2, 9/16 x 19/32, 5/8 x 11/16 x 3/4

VT No.	Item
16-0013	Set
16-1617	Curve



Spark Plug Socket Set features 3/8" drive to fit 12 and 14mm plugs.
VT No. 16-0202



Swivel Spark Plug Wrench for all 12 & 14mm plugs. 180° rotation.
VT No. 16-0824



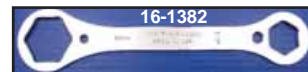
Standard Spark Plug Wrench 14mm type with bar handle fits under FL tanks.
VT No. 16-0825



16-1380



16-1381



16-1382

Flat Axle Nut Wrenches.

VT No.	Size	Fits
16-1380	15/16 x 3/4	1999-01 2000-07 ST
16-1381	36 mm x 3/4	2002-07 Touring
16-1382	36 mm x 15/16	2008-up FXD, ST, Touring



Twin Cam 24 Tooth Crankshaft Rotating Wrench for use on all 2006-up Big Twins with 24T spline sprocket shaft to check engine timing and parts clearance.
VT No. 16-9280



Hand Held Impact Driver is a very efficient tool for those hard to loosen screws. Complete set includes main body, adapter, 2 screw bits and 2 phillips bits.
VT No. 16-0151

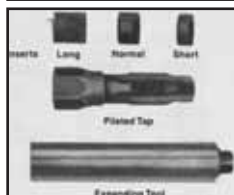


Spotlamp Holder assists in assembly procedure in conjunction with signal lamp.
VT No. 16-0515

Thread Repair Kit

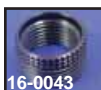


HELI COIL

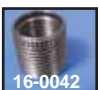


Heli-Coil Thread Repair Kits.

are individually packaged by size in either a special thread series or contain special length inserts for the specific applications listed below. All kits come with tap, installation tool, a quantity of size inserts and complete instructions.



16-0043



16-0042

Heli-Coil Spark Plug Inserts replace stock inserts in 1966-up Shovelhead heads. Sold each.

VT No.

OEM

Type/Year

16-0043

16725-66A

Short, 1966-74

16-0042

16725-75

Long, 1975-up



18mm Adapter Set allows 14mm plugs to be used in earlier heads with 18mm spark plug threads.

VT No. 32-0057



Spark Plug Hole Service. Motors hop will Heli-Coil 14 mm spark plug holes on head sets. 15 day turn around. Chose Heli-Coil only or Weld-Up and Heli-Coil.

VT No.

Type

60-0168

Heli-Coil

60-0170

Weld/Heli-Coil



Universal Thread Gauge Set identifies USS, Metric, Pipe size and Spark Plug size, 4 piece set.

VT No. 16-1763



14-18mm Spark Plug Hole Thread Chaser renews damaged

threads 13/16. Removes carbon and corrosion with a few turns. Allows firm seating of plugs. Assures metal to metal contact for effective heat transfer.

VT No. 16-0603

Heli-Coil Kits & Replacements

Kits For HD	Thread Size	Length	Repair Kit	Inserts Per Kit	Inserts Only	Insert Qty.	Drill Size
Spark Plugs	18mm	.500	16-0906	24	16-0907	6	23/32
Pan D Rings	10-24	.285	16-0918	12	16-0919	12	13/64
Front/Rear Brake Drum Threads	3/8-20	.375	16-0921	6	16-0931	6	25/64
Head Bolt Threads	7/16-16	.656	16-0922	6	16-0932	6	29/64
XL Engine/Trans Drain Plug, Early	1/2-13	.375	16-0923	6	16-0933	6	17/32
Drain PI BT Chain case, XL Trans	1/2-20	.375	16-0924	6	16-0934	6	33/64
Timing Plug	5/8-18	.325	16-0925	6	16-0935	6	41/64
Case Bolt & Gen.	5/16-24	.469	16-0926	12	16-0936	12	21/64
BT Trans Cover w/Locking Insert	5/16-18	.469	16-0927	12	16-0937	12	21/64
Cam cover screw, tappet guide, oil pump stud and timer, and mounting threads							
	1/4-24	.500	16-0920	12	16-0930	12	17/64
	1/4-20	.375	16-0941	12	16-0944	12	25/64
	3/8-16	.562	16-0942	12	16-0945	12	25/64
	3/8-24	.562	16-0943	12	16-0946	12	25/64



Heli-Coil Sav-A-Thread repairs spark plug holes for 14mm short or long reach plugs on aluminum heads. Includes items pictured. No drilling necessary.

VT No.

Item

16-0044

Kit, Complete

16-0043

1/2" Insert, each

16-0042

3/4" Insert, each



16-0836

Dies are round type adjustable to restore damaged or mistreated threads.

VT No.

Type/Use

16-0836

1936-84 Big Twin 1" x 24T

16-0801

FL-FLH Fork Stem

16-0811

1971-84 FX-FXE, 54-85 XL

7/8" x 24T Fork Stem

1936-84 Big Twin Mainshaft

3/4" x 18 Left

Fork Stem Die Holder. Order die separately.

VT No. 16-1011



Special Taps & Dies.

VT No.	Thread	Use
16-0807	3/8" x 20	1930-72 Brake Drum
16-0809	5/16" x 32	Grease Fitting, 9851
16-0416	7/16" x 16	UL-VL-45 Head Bolt
16-0014	1/4" x 24	Timing and Transtop
16-0407	1/4" x 24	Die
16-0904	13/16" x 24	1931-35 H Bars
16-0905	7/8" x 24	1936-48 H Bars
16-0865	9/32" x 32	Bendix Adj. Jet
2282-1	11/16"	Timing Hole





Bushing



VT No.	OEM	Item
10-2498	413-30	30-36 74" 80" Right Case
10-2519	416-30	30-36 74" 80" Left Case
10-8524	662-29	30-36 BT & 45 Timer Shaft
10-8525	662-30	30-36 BT & 45 Cam Gear Shaft
10-8526	662-34VL	34-36 BT & 45 Oiler Drive Shaft
10-0700	17428-57	66-up BT 57-up XL Rocker Arm 8 pk
10-0760	24331-36	57-up XL 29-73 45" Std Pstn Pin, pr
10-0761	—	As above .002 O/S
10-0762	—	As above .005 O/S
10-0763	24332-36	As above .010 O/S
10-0756	24334-36	36-99 BT Std Piston Pin, pr
10-0757	—	As above .002 O/S
10-0758	—	As above .005 O/S
10-0759	24335-36	As above .010 O/S
10-0703	24641-36	36-99 BT Oil Pump Shaft
10-0704	25581-36	41-69 BT Crnkse Cover Gear Std
10-2524	—	Same as above .005 O/S
10-0705	25581-70	70-99 BT Crnkse Cover Gear Std
10-2525	—	Same as above .005 O/S
10-0706	25582-36	41-54 BT Cover Pinion Shaft Std
10-2526	—	Same as above .005 O/S
10-0707	25582-54	54-72 BT Gear Cvr Pinion Shft Std
10-0708	25582-73	73-92 BT Gear Cover Pinion Shaft
10-2529	—	As above .005 O/S
10-8536	25582-93	93-up BT Gear Cvr Pinion Shaft Std
10-8556	—	As above .005 O/S
10-0709	25586-37	57-up XL Cam Gear #1, 3, 4 Cams Cam Cover Front In L Ex Cam 74/80 Side Valve, Front Ex Cam 45
10-2540	—	As above .005 O/S
10-0731	25588-37	45" 74" 80" Cam Cvr R. In Cam SV
10-0710	25588-57	57-90 XL Cam Gear #2 Cam Std
10-2541	—	As above .005 O/S
10-0711	—	57-90 XL Gear Kit #1-2-3-4 Std
10-8538	25588-91	91-up XL Gear #2 Cam Std
10-2507	25590-37	45" 74" 80" Cam Cover Rear EX Cam
10-2512	25591-37	74" 80" Pinion Shaft Side Valve Std
10-2503	25593-37	Pinion Shaft 45 Side Valve Std
10-2543	—	As above .005 O/S
10-0712	25593-57	57-76 XL Cam Cover Pinion Std
10-2544	—	As above .005 O/S
10-0713	25593-74	77-up XL Cover Pinion Std
10-8268	25594-75	77-81 XL Brk Pedal Operating Shaft
10-2506	25595-37	Cover Front In Cam 45 Side Valve
10-8271	25595-52	52-56 K Exhaust Cam
10-0714	25597-36	36-54 BT Crankcase Cam Gear Std
10-2527	—	As above .005 O/S
10-0715	25597-57	57-E84 XL Idler Gear Std
10-2546	—	As above .005 O/S
10-2552	25598-91	1991-up XL Inner Cam
10-2504	25599-37	74" 80" Side Valve Crankcase Cam Shaft
10-2495	25601-37A	45 Side Valve Crankcase Cam Shft Bush
10-0716	25785-30A	41-69 BT Idler & Circuit Breaker Gear
10-0749	26431-76	77-90 XL Oil Pump Cover
10-0750	26489-75	77-90 XL Oil Pump Body
10-0742	27290-24	Linkert Throttle Shaft, pr
10-0717	32525-36A	36-39 BT Circuit Breaker Housing
10-0718	33099-52A	56-69 XL Magneto Housing
10-0719	—	54-79 XL Kick Starter Shaft
10-2493	33101-32	54-79 XL Kick Starter Shaft w/Seal
10-2494	33213-30	Kick Starter Shaft 45 Side Valve
10-0720	33288-37	Kicker Pedal All Twins
10-0721	33438-50	41-69 BT Kick Start Shaft with Seal
10-2486	—	50-85 BT Mainshaft Starter Gear
10-0722	33442-57A	4-Speed w/Stock Gear
10-0723	33442-73	As above .005 O/S for Aftermarket Gear
10-8527	33445-89	57-72 XL Starter Ratchet Gear
10-8528	33446-89	73-79 XL Starter Ratchet Gear
10-2502	33638-52	89-93 BT Prim Housing Starter Shaft
10-2511	33638-70	89-93 BT Prim Housing Starter Shaft
10-8529	33713-85	52-69 FL-FLH Foot Shift Bracket
10-0724	34037-52	70-85 FL-FLH All FXWG-FXST Foot Shift Bracket
10-2483	34037-75	87-up FLT Prim Housing Shifter Shaft
10-2518	34427-38	54-74 XL Shifter Shaft Shifter
10-0732	34430-36	77-85 XL Shaft In Chain Cover
10-2514	34432-38	77-81 XL Shift Pedal Shaft
10-0725	34435-52	(Small) Shifter Shaft 45 Side Valve
10-0726	34498-52	37-76 BT Hand Shift Shifter Shaft
10-2488	34632-84B	(Large) Shifter Shaft 45 Side Valve
10-0748	34898-79	41-79 Big Twin Shifter Shaft
10-0727	35094-65	52-79 Big Twin Pawl Carrier
		84-up FXR All Shifter Shaft
		78 only, All XL Brake Pivot Shaft
		65-85 4-Spd BT Mainshaft Drive Gear

10-8529

10-2511

10-2487	—
10-2515	35316-41
10-2517	35320-41
10-0728	35322-38
10-2516	35787-52
10-0752	35787-72
10-0729	35789-36
10-0730	35791-36
10-2547	36035-26
10-2490	36042-41
17-9830	37436-36
10-0753	37458 41
10-0751	37458-52
10-0733	40520-63
10-0740	41685-37
10-2496	—
10-1256	42443-80
10-2497	47094-58
8859-1	47581-29
7708-1	47583-36
10-0741	47755-31
10-2505	47757-52
10-2500	51925-37
10-2501	51925-65
10-0743	60593-74
10-2489	60629-82

As above for Andrews Gear only
Low Gear 45 Side Valve
Second Gear 45 Side Valve
38-58 BT Mainshaft Third Gear
54-72 All XL's Countershaft 1st Gear
73-84 XL Countershaft 1st Gear
41-85 BT 4-Spd Countershaft Low Gear
41-85 BT 4-Spd Countershaft 2nd Gear
29-73 45" Countershaft Left
41-73 45" Countershaft Side Cover
36-84 Big Twin 4-Speed Mainshaft End Bushing
Clutch Gear 45 Side Valve
52-85 All XL Models Clutch Gear
77-up XL Shifter Shaft In Right
Crankcase 66-up XL Shifter Shaft In Chain Co ver
37-57 BT Brake Backing Plate Cam
Same as above .015 O/S
80-up XL Brake Pedal All
58-84 BT Seat Post
29-73 45's Seat Post
36-57 BT Seat Post
37-57 BT Brake Crossover Shaft
75-78 XL Shifter Cross Shaft
52-78 XL Brake Cross Shaft
37-64 BT Seat Tee
65-80 BT Seat Tee
74-85 FX 4-Spd Inner Primary Shifter
82-83 Shifter Shaft Bushing

10-2497



10-2501



Shim

12-0704



Shims. Check list for proper applications.

VT No.	OEM	Fits
12-0700	6743	Armature .030 1930-57 Big Twin
12-0701	6743A	Armature .060 1930-57 Big Twin
12-0702	6750	Shifter Fork .005 1941-85 BT 4 -Spd
10-1257	6750	.007 As Above
12-0703	6752	Shifter Fork .015 1941-85 BT 4-Spd
12-0711	6762B	Pushrod Cover 1941-up all Twins
12-0704	6767	Rocker Arm .005 1966-84 Big Twin
12-0710	—	Rocker Arm .005 1957-84 Sportster
12-0715	—	Same as above .007
12-0705	6769	Same as above .015
12-0706	6770	Cam Shaft .007 #1, 3, & 4 Cams
12-0716	6771	1957-85 Sportster, 1932-73 Flathead
12-0717	6773	Same as above .005
12-0718	6775	Same as above .015
12-1258	6778	Same as above .015
12-0709	6802	Starter Crank 1954-79 Sportster
12-0712	23741-55	Sprocket shaft bearing .003 1955-84 BT
12-0713	—	As Above .003 1952-76 All XL
12-0714	—	As Above .003 1977-up All XL
12-0708	43560-35	Wheel Hub Shim .007 1935-66 BT
12-9917	—	As Above .015
10-1259	35404-74	Shift Lever Shim .030 1977-up

Gasket



COPPER HEAD GASKETS

GB No.	James	OEM
15-0739	—	11-30
15-0185	15-1084	16768-36
15-0228	15-1251	16769-36
15-0268	—	16770-36

CYLINDER HEAD GASKETS

15-0574	—	469-15
15-0234	—	16768-39
15-0370	15-1131	16770-36
15-0337	—	16765-53
15-0103	15-1008	16770-48
15-0269	—	—
15-1241	—	—
15-0273	15-1011	16770-66
15-0104	15-1010	—
15-0266	15-0977	—
15-1242	—	—
—	15-0599	Set
15-0366	—	16773-85
—	15-1082	—
—	15-1132	—
15-1524	—	16773-85T
15-0643	—	—
15-0380	15-1219	—
15-1250	—	—
—	15-1196	16775-99
15-0376	—	16787-99
—	15-1222	—
15-0272	15-1009	—
15-0257	—	—
—	15-0970	16665-86
15-0258	—	—
15-0366	15-1082	16773-86B
15-0380	15-1083	—
—	15-1132	—
15-0643	—	—
—	15-1012	16769-57
15-0355	—	16769-57
15-0101	15-0973	16769-72A
—	15-1130	16769-73T
15-0102	15-0974	16769-73
15-0189	15-1015	16769-82

CYLINDER BASE

15-0412	15-0271	16774-21
15-1290	15-1227	—
15-0235	15-0984	16774-86
15-0735	15-1072	16774-94
15-0284	15-1133	16775-29
15-0725	—	16775-52
15-0107	15-0986	16776-48
15-0108	15-0987	16776-63
15-0109	15-0988	16777-48
15-0110	15-0989	16777-48
15-0222	15-0990	16777-63
15-0737	—	—
15-1193	—	—
15-0110	15-0989	16777-63
15-1580	—	—
15-0222	15-0990	—
15-1289	—	—
15-0735	15-1072	16777-86AC
15-0736	15-1101	16777-86S
—	15-1247	—
15-0460	—	—
15-1420	15-1121	—
15-1534	—	16789-04

ROCKER COVER

GB No.	James	OEM
15-0221	14-0673	6114
—	15-1194	16719-99
15-0259	15-0706	16778-84A
—	15-0749	16778-97X
15-0251	15-0707	16779-84A
15-1229	15-1245	16800-99X
—	15-1252	16779-84X
15-0252	15-0995	17355-84
15-0651	15-0996	17355-84A
15-0652	15-0999	17356-84A
14-0945	15-0997	17355-92
14-0946	15-1000	17356-92
15-0253	15-0998	17356-84
15-0254	15-1001	17358-84
15-0653	15-1002	17358-84A
—	15-1195	17386-99
15-0270	14-0620	17535-38
—	15-1004	17540-69A
15-0113	15-1136	17540-69
15-1218	15-0705	17540-69X
—	15-1213	17540-99X
—	15-1203	17591-99
—	15-1204	17592-99
11-0584	—	63815-99
15-0663	—	63858-49
15-0112	15-1003	17536-70
15-0640	—	Beaded
—	15-1134	17353-86
15-0260	15-0991	17353-86
15-0261	15-0993	17354-86A
15-0386	15-1135	17354-86A
14-0933	15-0992	17353-89
—	15-0994	17354-89
—	15-1203	17591-99

Fits

1930-35 74" ,VL
1939-73 45"
1936-48 74" & 80" Side Valve
1936-47 Knucklehead
883-1200 XL, .010

Knuckle Rocker Shaft

1939-73 45
1936-47 Knucklehead, Teflon
165cc
1948-65 Teflon
As Above Stock Type
1948-65 Copper
1966-84 Head Fire Ring
1966-84 Head Teflon
As Above Stock Type
1966-84 Copper
1966-84 3 5/8" Big Bore Teflon
1984-99 80" Evolution Head, Blue Teflon (.062")
As Above Graphite with Fire Ring
As Above (.030") Teflon
EV 85" .040 Set
1984-99 80" Evolution Head, Teflon Coated (.045")
As Above Graphite Stock Type
As Above .045 Blue Teflon Fire Ring
As Above Black Teflon Fire Ring
1999-2000 Twin Cam 88
1999-up Twin Cam 95" (1550 Cylinders)
As Above with Armor Coating
1948-65 Panhead Fire-Ring
86-2000 883 XL Fire Ring™
86-87 1100 XL Blue Teflon
As Above Fire Ring™
88-2000 1200 XL Blue Teflon
As Above .045"
As Above .030"
As Above Graphite
1957-71 XL Teflon
1957-71 XL Copper
1972-E73 XL Copper
1973-85 XL Teflon
1973-85 XL Copper
1973-85 1000 XL Copper (.045")

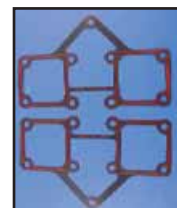
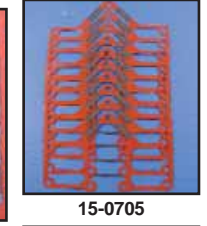
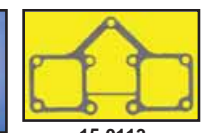
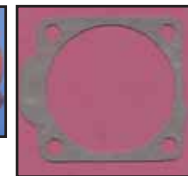
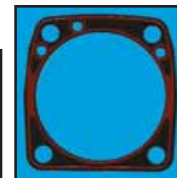
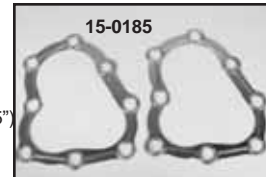
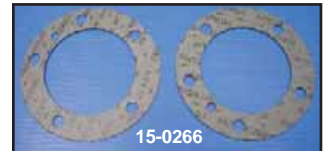
1921-36 SV BT and 1936-47 OHV
1936-47 Base Gasket with metal
C/D 1984-99 80" Evolution (front or rear)
1984-99 80" Evolution Metal with Silicone (.017 thick)
1929-73 45

K Base Gasket

1948-62 Panhead (front)
1963-84 Pan, Shovelhead (front)
1948-62 Panhead (rear)
1963-84 Panhead, Shovelhead (rear)
1966-84 3 5/8 big bore Shovelhead, (front or rear)
1966-84 Metal Base Gasket
1955-65 Metal Base Gasket
1963-84 Panhead, Shovelhead (rear)
1966-84 Shovel Metal, Coated
1966-84 3 5/8 Big Bore Shovelhead, (front or rear)
1948-62 Pan Metal, Coated
1984-88 Big Twin with seal coating
1984-99 Evolution 3 5/8 Big Bore with silicone
As Above Paper Type .020 Thick
As Above for 3 3/4" Bore
1986-up XL Evo
2004-up XL

Fits

1984-99 80 Evolution Top Rocker Cover Washer, Copper
1999-2000 Twin Cam 88 Rocker Housing, Coated Metal
1984-99 Evolution Lower Right with Silicone
1984-99 Evolution Lower Right Steel
1984-99 Evolution Lower Left with Silicone
1984-99 Evolution Lower Left and Right Metal with Rubber Coating
As Above Paper with Silicone Beading
1984-91 80" Evolution Lower Cork
1984-91 80" Evolution Lower Rubber
1984-91 80" Evolution Upper Rubber
1992-99 80" Evolution Lower Rubber
1992-99 80" Evolution Upper Rubber
1984-91 80" Evolution Upper Cork
1984-91 80" Evolution Inner Cork
1984-99 80" Evolution Center Rubber
1999-2000 Twin Cam 88 Rocker Cover, Coated Metal
1938-47 Knucklehead Front Intake & Rear Exhaust
1966-84 Shovelhead (.30 thickness)
1966-84 Shovelhead without Silicone
1966-84 Shovelhead with Silicone
1966-84 Shovelhead Metal with Silicone
1999-up Twin Cam 88 Breather Case
1999-up Twin Cam 88 Breather Baffle
1999-2000 Twin Cam Rocker Cover Breather Element
1984-98 Evolution Rocker Cover Bolt Washer
1957-84 XL Rocker Cover
As Above
1986-up XL Lower Rubber
1986-up XL Lower Cork
1986 XL Upper Cork
1986-90 XL Upper Rubber
1989-up XL Lower Rubber
1991-up XL Upper Rubber
1999-up TC-88 Breather Cover





Gasket

CAM COVER

15-0334	15-0277	24921-37
15-0300	15-1077	25225-36A
15-0122	15-0928	25225-36C
15-0122	15-0928	25225-36C
15-0122	15-0928	25225-36B
15-0122	15-1267	25225-36X
15-0390	—	25225-36C
15-0123	15-0929	25225-70A
15-0741	15-1141	25225-70B
15-0692	15-0713	25225-70X
—	15-0930	25225-93
15-0879	15-0722	25225-93X
15-0407	15-0286	25226-37A
15-1501	15-0276	25227-37
15-0153	15-1198	25244-99
15-0154	15-1031	32521-36
15-0339	15-0214	32591-37
15-0121	15-1078	24978-57
15-0124	15-0931	25224-52A
15-0245	15-0932	25263-81
—	15-0933	25263-86
15-0308	—	25263-90A
15-0385	15-1223	25263-00

PUSHROD TUBE

14-0501	14-0904	11101
14-0905	—	11101X
14-0508	—	11118
14-0512	—	11132
14-0514	—	11133
14-0513	—	11133A
14-0550	—	11145
14-0532	—	11157
14-0803	—	11293
15-0116	15-1137	17955-36
14-0028	—	—
15-0348	—	—
15-0117	15-1138	17955-48
14-0029	—	—
15-0349	—	—

STARTER-GENERATOR

15-0217	15-1143	25811-11
15-0226	15-1021	30138-30
15-0287	15-1022	30143-30
15-0150	15-1023	30143-58
15-0410	—	31015-30
15-0655	15-1024	31320-80
15-0656	15-0966	31321-80
15-0174	15-0916	60518-65
15-0290	15-1064	60559-80
15-0181	15-0917	60645-65

OIL PUMP

15-0306	—	24990-52
15-0310	—	24994-52
15-0299	15-0935	26231-78
15-0333	15-0275	26244-37
15-0727	—	26245-41
—	15-0126	26245-41
15-0338	15-0274	26246-37
15-0294	15-0940	26246-68A
—	15-0939	26246-68D
15-0127	15-0128	26255-41
15-0740	15-0130	26257-41
15-0131	15-0944	26257-50A
15-0134	15-0948	26258-68
15-0293	15-0949	26258-68B
15-0295	15-0953	26273-80A
15-0137	15-0952	26273-80B
15-0682	15-0954	26273-92
15-0138	15-0955	26276-80A
15-0296	15-0956	26276-80M
15-0683	15-0957	26276-92

TAPPET GUIDE

15-0281	—	18245-39
15-0282	—	18257-39
15-0283	—	18259-39
14-0170	14-0621	18260-29
15-0255	—	18630-26
15-0330	15-0278	18631-30
15-0118	15-0925	18632-36
15-0119	15-0926	18633-48A
15-0120	15-0927	18634-48A
15-1519	—	18634-48C
15-1542	—	—
—	15-1197	18635-99

PRIMARY COVER GASKETS

15-0163	15-1253	31434-06
15-0743	15-0909	34901-79
15-0239	15-1115	34901-85
15-0050	15-0904	34901-85
15-0967	15-0937	34901-94A
15-0051	—	—
15-1512	—	34901-07
15-1547	—	34901-07
15-0164	15-1080	34902-79A
15-0165	15-1081	34903-79
15-0229	—	60538-81
15-0176	15-0906	—
15-0401	15-0900	60538-81C
15-0645	—	60539-89
15-0677	15-0902	60539-89X
15-0404	15-0921	60539-94
15-0052	—	—
15-0175	15-0905	60540-36
15-0644	15-1128	60540-65
15-0400	—	60540-65A
15-1510	15-1254	60547-06

1937-73 Flathead Cam Cover Breather
 1936-40 Knucklehead
 1941-69 Big Twin
 1941-47 Knucklehead
 1941-62 Big Twin
 As Above with Silicone Bead
 1963-69 Big Twin
 1970-92 Big Twin (white .030")
 1970-92 Big Twin (black)
 1970-92 Big Twin with Silicone
 1993-99 80" Evolution Big Twin, black
 1993-99 80" Evolution Big Twin with silicone
 1937-73 45" Flathead
 1937-48 74" /80" Flathead
 1999-2000 Twin Cam 88 Cam Cover Gasket
 BT OHV Knuckle Circuit Breaker Base
 UL and 45 Circuit Breaker Base
 1957-81 Oil Strainer
 1954-E81 XL Cam Cover
 1982-85 XL Cam Cover
 1986-90 XL Cam Cover
 2000-up XLCam Cover
 1991-up XL Cam Cover
 2000-up XLCam Cover w/Bead

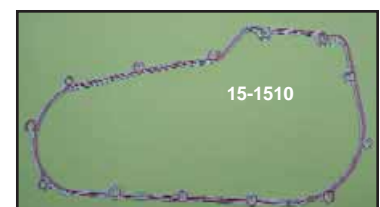
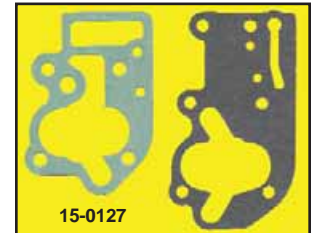
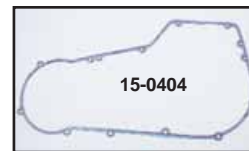
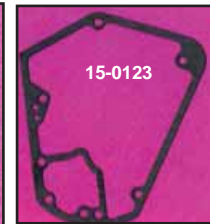
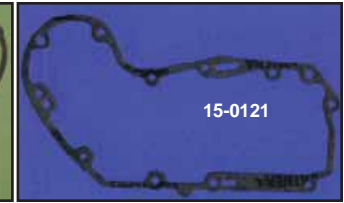
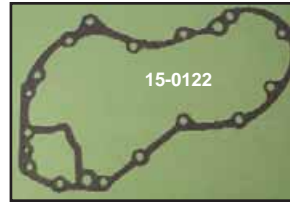
L1979-E81 Upper O-Ring
 L1979-81 Upper O-Ring (oversized)
 L1979-81 Upper Quad Seal
 L1979-2000 Middle O-Ring
 L1979-E81 Lower O-Ring
 L1981-84 Lower Quad Seal
 1984-2000 Lower O-Ring
 1984-99 80" Evolution Upper O-Ring
 1999-2000 Twin Cam 88 Upper O-Ring
 1936-E79 Small Cork
 As Above Silicone
 As Above Rubber
 1948-E79 Large Cork
 As Above Silicone
 As Above Rubber

Generator stud washer for 1911-85 FL
 1937-48 Generator End Cover
 1930-57 Generator Mount Gasket
 1958-69 Generator Mounting
 1930-64 Generator Bearing End
 1980-86 Belt Drive Starter Housing to Primary
 1980-86 Belt Drive Starter (between two housings)
 1965-86 Starter Hole Cover with Kicker only
 1980-85 Chain Drive Starter Housing Oil Deflector Plate
 L1965-88 Solenoid

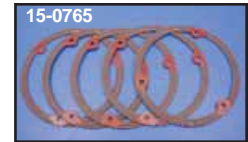
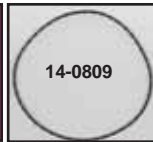
1952-57 Tappet Oil Screen Plug
 1952-92 Tappet Oil Screen Plug
 1954-80 Oil Pump Cap Washer Blue Teflon
 1937-59 W/WLA Body to Motor
 1941-67 FL Oil Pump Body to Case (Mylar)
 As Above Paper
 Side valve Scavenger Pump Base
 1968-80 Body to Motor, Mylar
 1968-E80 Body to Motor, Black Paper
 1941-E50 Cover (Governor Fitted), Black Paper
 1941-E50 Cover, Black Paper
 L1950-67 Cover, Black Paper
 1968-E80 Cover, Black Paper
 1968-E80 Cover, Mylar
 L1980-91 Body to Motor, Mylar
 L80-91 Body to Motor, Black Paper
 1992-99 80" Evolution Body to Motor, Black Paper
 L1980-91 Cover, Black Paper
 L1980-91 Pump Cover, Mylar
 1992-99 80" Evolution Cover, Black Paper

1939-48 Flathead Upper Guide Cover
 1939-48 Flathead Lower Guide Cover
 1936-48 Tappet Block Fiber Washer
 1929-68 Flathead Valve Spring Cover Seal
 1926-73 45" Flathead Spring Cover
 1930-73 Flatheads, Tappet Guide
 1936-47 OHV Tappet Guide
 1948-99 Rear Tappet Guide
 1948-99 Front Tappet Guide
 1948-99 Front Tappet Guide
 1948-99 Set
 1999-2000 Twin Cam 88 Tappet Cover Gasket

2007-up Big Twin Inner Primary Mounting Bolt
 1980-93 FXR/FLT Primary Cover (.030")
 1980-93 FXR/FLT Primary Cover (.062")
 1980-93 FXR/FLT Primary Cover (.062"), Beaded
 As Above Metal with Foam Rubber Coating
 1994-2000 FXR/FLT Primary Cover
 As Above Metal with Foam Rubber Coating
 2007-up FLT, Touring
 2007-up FLT
 1980-84 FXR/FLT Primary to Trans (large)
 1980-84 FXR/FLT Primary to Trans (small)
 1982-88 Rigid Mount Primary Cover 1/16" thick 9 hole
 As Above 1/32" thick
 L1982-88 Rigid Mount 9 Hole Primary, Beaded
 1989-93 Softail, Dyna Primary Cover (.062)
 1989-93 Softail, Dyna Primary Cover, Beaded
 1994-06 Softail, Dyna Primary Cover Beaded
 As Above Metal with Foam Rubber Coating
 1936-64 Primary Cover, cork
 1965-80 FX/FL Primary Cover (8 hole)
 1965-82 4 Speed, 8 hole Primary Cover Beaded
 2006-up FXD Beaded, 2007-up FXST Primary Cover Beaded

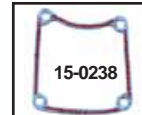


Gasket



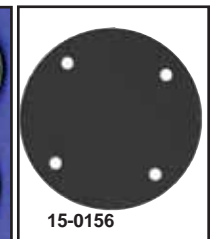
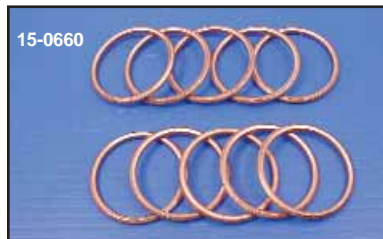
DERBY COVER GASKETS

15-1511	—	17369-06	2006-up FXD Derby
15-0125	15-0934	25416-70	1970-E84 Derby Cover (.030")
15-0882	—	25416-70B	1970-E84 with Bead
—	15-1142	25416-70C	1970-E84 Derby Cover (Cork, .030")
15-1249	—	25416-70C	1999-up Derby Beaded
15-1248	—	25416-70C	1970-98 Derby Beaded
—	15-1279	—	1970-98 Derby Molded Rubber
15-0765	15-0701	25416-70X	1970-E84 Derby Cover Gasket, Beaded
14-0535	—	25416-84	1985-98 Derby Cover O-Ring
14-0809	—	25416-99A	1999-up TC88 Derby Cover Seal
15-1286	15-1224	—	As Above Gasket with Silicone
15-0883	—	25416-99B	1999-up with Bead Gasket
37-8868	15-1150	31433-84	1984-98 Derby Cover Bolt Washer, Nylon
37-8931	15-1151	31433-84A	1984 98 Primary Cover Bolt Washer w/Seal
15-0177	15-0919	60565-36	1936-64 Derby Cover, Cork



INSPECTION COVER GASKETS

15-0167	15-0922	34906-79	1980-84 FXR/FLT Inspection Cover (.030")
—	15-0704	34906-79A	1980-84 FLT/FXR Inspection Cover (.062"), Beaded
15-0238	15-0702	34906-85	1986-up FLT/FXR Inspection Cover with Bead
—	15-1202	34906-85A	1986-up FLT/FXR Inspection Steel Core, 2 side bead, .045", Beaded
—	15-1278	—	As Above Metal with Molded Rubber
15-0916	15-0916	60518-65	1965-69 Starter Plate
15-0178	15-0920	60567-36	1936-64 Primary Inspection Cover, Cork
—	15-0700	60567-65	1965-up 4 Speed, Dyna and Softail Inspection Cover (.062)
15-0179	15-0915	60567-65C	Beaded on Two Sides
15-1217	15-0703	60567-90	1965-up 4 Speed, Dyna and Softail Inspection Cover (.032)
—	15-0465	60567-90	1965-up 4 Speed, Dyna and Softail Inspection Cover (.062)
15-0408	15-0180	60629-55	Beaded on One Side
—	15-1161	63859-95	1965-up 4 Speed Dyna & Softail Inspection Cover Metal w/rubber coating
—	—	—	1955-64 Inner Primary to Crankcase
—	—	—	1994-up FXST/Dyna Inspection Cover Mounting Screw



EXHAUST

GB No.	James	OEM	Fits
15-0344	—	65084-98	1999-up TC-88 Exhaust Port
15-0267	—	65324-83	1984-2000 Exhaust Port Mesh Type
15-0227	15-0712	65324-83A	1984-2000 Graphite Exhaust Port Tapered
15-0732	—	—	As Above, 10 pk
15-0696	15-0968	65721-85	1985-94 FLT Muffler junction
15-0247	15-1069	65781-82	1982-94 FXR Crossover pipe
—	15-1076	65826-90	1991-2000 Dyna Glide Exhaust interconnect
15-0191	—	65834-68	1966-84 Shovelhead (plain)
15-0197	15-1099	65834-68A	1966-84 Shovelhead (all copper)
15-0198	—	—	As Above, 50 pk
—	15-1074	65834-68C	1966-84 Shovelhead Steel Core
15-0195	15-1073	65834-68C	1966-84 Shovelhead Fire Ring™, 10pk
15-0196	—	—	As Above, 50 pk
15-0660	15-1098	—	1966-84 Shovelhead Copper donut

IGNITION COVER/DISTRIBUTOR BASE

GB No.	James	OEM	Fits
15-0149	15-1020	29550-55	Magneto Cap
15-0153	15-1030	32521-36	1936-64 Distributor (base)
15-0154	15-1031	32591-70	1937-48 Flathead Circuit Breaker
15-0155	15-1032	32591-70	1970-79 Point Cover
15-0156	15-1033	32591-80	1980-99 Point Cover 4 hole





TRANSMISSION

GB No.

14-0922

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15-0411

15-0217

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15-0685

15-0157

15-0158

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14-0633

15-0331

15-0332

15-0159

15-0160

15-0161

15-0162

15-0166

15-0237

15-1505

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15-0184

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15-1535

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15-1529

Bead

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—

GLIDE/FLT

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—

—

15-0186

15-0213

—

15-1500

15-0171

15-0172

15-0346

15-0240

—

15-0225

—

15-1538

—

15-0194

15-0184

James

15-1129

15-1292

—

15-1143

15-1116

15-1205

15-1240

15-1117

15-1206

—

15-1034

15-1035

15-0595

14-0826

15-0279

15-0280

15-1036

15-1037

15-1038

15-1039

15-1040

15-1041

—

15-1231

15-1049

15-1070

15-1129

15-1116

15-1205

15-1240

15-1117

15-1206

15-1041

15-1118

15-1231

15-1232

15-1257

15-1258

15-1263

15-1048

15-1207

15-1259

15-1260

15-1233

15-1230

15-1261

15-1262

15-1155

15-1120

15-1275

15-1118

15-1231

15-1232

15-1047

15-1048

15-1207

—

15-1049

15-1050

15-1233

15-1051

15-1230

15-1052

15-1155

—

15-1120

15-1158

15-1070

OEM

6007

As Above

2261-31

25811-11

26072-90A

26072-90X

26072-99

26077-93

26077-99

33043-80

33196-79

33295-36

33295-36X

34459-26

34825-41

34826-41

34552-52

34565-52

34824-36

34824-79

34904-79

34904-86C

34904-86C

34917-90A

36025-36

67141-36

6007

26072-90A

26072-90X

26072-99

26077-93

26077-99

34904-86

34917-90A

34917-90X

34917-99

34917-06X

34917-06

35607-06

35652-79A

35652-79X

35654-06-X

35654-06F

36801-79X

36801-87X

36805-06X

36805-06F

37091-80

62432-93

63869-06

34917-90A

—

34917-99

35607-73

35652-79A/B

35652-79X

35653-98

36025-36

36801-79

—

36801-87B

—

36821-68

37091-80

62423-90

62432-93

62702-52

67141-36

Fits

1980-up Transmission Drain Plug Nylon

Rubber Bonded Washer

1930-36 VL Top Cover

1952-85 Neutral Switch

1991-98 Dyna Glide Oil Pan

1991-98 Dyna Glide Oil Pan with Silicone Bead

1999-05 Dyna Glide Oil Pan with Silicone Bead

1993-99 FLT Oil Pan Transmission Housing

1999-2000 FLT Transmission Oil Pan Gasket

1980-97 Neutral Switch

L1979-86 4 Speed Side Shift Shaft Cover

1936-86 4 Speed Kicker Cover

1936-86 4 Speed End Cover with Silicone

Leather Shifter Shaft Washer

1941-73 45" Top Cover

1941-73 45" Side Cover

1952-E79 Shifter Cover

1952-E79 Shifter Adapter Plate to Transmission

1936-E79 4 Speed Shifter Cover Ratchet Lid

L1979-86 4 Speed Shifter Cover Ratchet Lid

1980-85 5 Speed Transmission Top Cover

1986-2000 5 Speed Transmission Top Cover

1986-06 ST Top with Bead

1991-98 FXD Top Cover with Bead

Countershaft End Plug

1937-84 Speedo Drive Unit

Nylon Drain Plugs

1991-98 Dyna Trans Oil Pan

As Above Silicone Beaded

1999-05 FXD Oil Pan Gasket

1993-98 FLT Trans Oil Pan

1998-06 TC-88 FLT Oil Pan

1986-06 BT Trans Top Cover

1991-98 Dyna Trans Top Cover

1991-87 FXD Trans Cover Gasket with Silicone Bead

1999-05 FXD Trans Top Cover with Silicone Bead

Trans Top Cover 06-up Dyna, 07-up Big Twins with Silicone Bead

As Above Metal with Foam Rubber Coating

Transmission to Engine Interface 2006-up Dyna, 2007-up Big Twin

1979-06 BT 5 Speed Bearing Gasket

1979-06 5-Speed Bearing Housing Gasket with Silicone Bead

Bearing Housing 2006-up Dyna, 2007-up FXST with Silicone Bead

As Above Metal with Foam Rubber Coating

1979-85 FLT-FXR Clutch Release Cover with Silicone Bead

1987-06 BT Clutch Release Cover with Silicone Bead

Clutch Release Cover 2006-up Dyna, 2007-up Big Twin with Silicone

As Above Metal with Foam Rubber Coating

5 Speed Filler Plug Gasket

1993-up FLT Trans Oil Washer

2006-up FXD Inner Chain Housing Shifter Shaft

1991-98 Dyna Glide Transmission Top Cover

As Above with Silicone Bead

1999-05 Transmission Top Cover with Bead

1973-77 FX, FXS Speedo Drive Block Off

1980-98 5 Speed Bearing Housing to Case

1980-98 5 Speed Bearing Housing to Case with Silicone

1999-06 TC-88 Door

1937-64 Countershaft End Cap

1980-86 5 Speed Release End Cover

1980-86 5-Speed Release/End Cover with Silicone Bead

1987-06 Release/End Cover

As Above with Silicone Bead

1968-69 FL Transmission Cover Plug

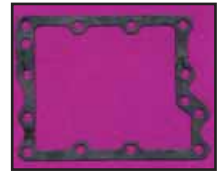
1980-86 5 Speed Filler Plug

1990-99 FXD Filler

1991-2000 FLT, FXD Transmission Oil Sprout

1941-86 Drain Plug Washer

1937-84 Speedo Drive Unit



15-0161



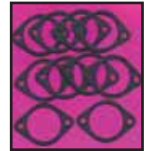
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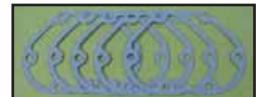
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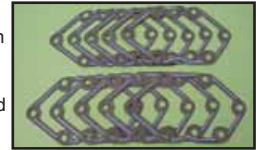
15-0160



15-0157



15-0240



15-0346



15-0172



15-15

Gasket



GAS TANK/OIL TANK GASKETS

GB No.	James	OEM
14-0561	15-1065	61109-85
—	15-1066	61111-77
15-0756	—	61114-36
—	15-1156	61114-48
15-0183	15-1067	61116-65
15-0265	15-1068	62172-75
15-0676	15-1157	62270-32
15-0341	—	62617-52
15-0192	—	62628-36
15-0329	15-0200	62628-52
15-0328	15-0201	62628-66
—	15-1159	63809-48
—	15-1160	63848-48

MASTER CYLINDER & RESERVOIR TOP GASKETS

Front	—	OEM
15-0188	—	45012-72
15-0204	—	45012-82
15-0242	—	45005-85
15-0250	—	45005-96
Rear		
15-0202	—	41766-58
15-0203	—	42455-80
15-0248	—	42455-82
15-0540	—	42455-99
15-0242	—	45005-85

TURN SIGNAL/FENDER LIGHT/ TAILLIGHT GASKETS

GB Stock	GB Beaded	OEM
15-0325	15-0291	5056-39
15-0695	—	59181-80
—	15-0289	59266-68
15-0303	—	67716-60A
15-0320	—	67734-35
15-0206	—	68025-73
15-0413	—	68121-47
15-0666	—	68120-42
15-0302	—	68121-55
15-0305	—	68122-47
15-0301	—	68122-55
15-0323	15-0208	68123-47
15-0322	15-0209	68123-55
15-0224	15-0207	68123-73
15-0718	—	68125-25
15-0719	—	68126-36
15-0724	15-0205	68459-47
15-0742	15-0326	68121-68
15-0409	—	68124-39
15-0667	—	68127-42
15-0342	—	68226-97
15-0723	—	68456-35
15-0343	—	68237-97
15-0678	—	68456-89
15-0187	—	68481-73
15-0318	—	—
15-0665	—	—
15-0709	—	—

Fits

1983-up Gas Cap
1977-82 Gas Cap
1936-47 Gas Cap
1941-82 Gas Cap Thin
1965-82 Gas Cap Left
1975-up Fuel Valve
1932-65 Fuel Strainer
1952-64 XL Oil Tank Cap
1936-64 Oil Tank Cap Copper Filled Style
1952-65 XL Oil Tank Cap
1966-82 BT, 1966-79 XL Oil Tank Cap
1948-64 Oil Filter Cap
1948-64 Oil Filter Cap Retainer

Year Type

1972-81 Master Cylinder
1982-84 Master Cylinder
1985-95 Master Cylinder
1996-up Master Cylinder

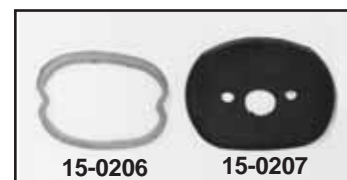
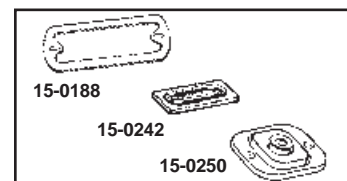
1958-78 Master Cylinder Top
1979-81 MC Top
1982-84 Reservoir
2000-up Reservoir
1985-95 Master Cylinder Top

Fits

1939-46 Beehive Mounting
Fender Tip Lens Front
1968-84 Front Fender Lamp
1960-84 FL Headlamp Mounting Ring
1935-48 Headlamp Lens
1973-up Taillamp Lens
1947-54 Tombstone License Plate Lens
1939-46 Beehive Taillamp Lens
1955-72 Taillamp Top Lens
1947-54 Taillamp Lens
1955-72 Taillamp Lens
1947-54 Taillamp Mounting
1955-72 Taillamp Mounting
1973-up Taillamp Mounting
1925-54 Taillamp Lens
1936-54 Taillamp Lens Inner
1935-49 Front Fender Lamp Mounting
1968-85 FL Turn Signal Lens
1939-46 Taillamp Mounting
1942-46 Taillamp Top Lens
1997-up Tombstone
F.F. Lamp
1997-up Tombstone Taillamp Pad
License Plate Mounting Bracket
1973-85 FX-XL Turn Signal Lens
Sport Taillamp Mounting
Cateye Taillamp Lens
Sparto Taillamp Mounting



15-0756



Base and Head Gasket



GB Cylinder Base Gaskets for XL

Size	3 1/2" Bore	3 5/8" Bore	3 13/16" Bore	3 3/4" Bore
1986-99 XL, 883-1200				
.010	15-0487	15-0489	—	—
.020	15-0488	15-0490	—	—

Head Gaskets 1986-99 XL

.030	15-0475	15-0477	15-0479	15-0481
.040	15-0476	15-0478	15-0480	15-0482

Cylinder Gasket Set include head and base gasket for Ev, with .040 head gasket.

15-0389	Metal Base
15-0392	Beaded

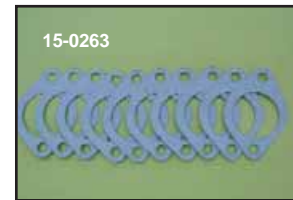
All Service Products which include gaskets, pins bolts, rollers, bulk packs, hardware will be available for replacement only. No credit will be issued.



Gasket

CARB, AIR CLEANER AND MANIFOLD, BT

GB No.	James	OEM	Fits
14-0180	14-0625	27002-89	1988-2000 Carb to Intake
15-0139	15-1085	27023-71	1971-75 Bendix Intake to Carb
15-0142	15-1086	27077-78	1978-89 Keihin intake to carb
—	15-1144	27077-78X	1979-89 Intake to carb, with Linkert DC Body
15-0744	—	27205-57	Linkert DC Nozzle Vent
15-0745	—	27329-57	Linkert DC Float Bowl Nut
15-0746	—	27374-57	1928-65 Float Bowl Lock Nut Gasket
15-0232	15-1088	27376-28	1952-65 Linkert Float Bowl
15-0321	—	27376-57	Linkert DC Float Bowl
15-0747	—	27386-57	Linkert DC Valve Seal
15-0748	—	27391-36	1936-65 Float Bowl (Linkert)
15-0304	15-1089	27402-33	Linkert Needle Valve
14-0926	—	27403-71	1971-75 FX/FL Main Jet Washer
—	15-1145	27410-21	Linkert Carb to Manifold 3 Bolt
15-0336	—	27410-29	Manifold, 1"
15-0288	—	27414-61	2-Hole Manifold
15-0146	15-0964	27410-39	Linkert 3 Bolt 1.25
15-0264	15-1091	27410-57	1966 Intake to Carb
15-0144	15-1092	27411-40	1940-65 Big Twin Linkert to Carb
15-0145	15-1093	27412-48	1948-65 Big Twin Linkert Carb Spacer
15-0262	—	27646-71	1971-76 Bendix Float Bowl
15-0147	15-1094	29058-77	L1977-89 Air Cleaner to carb
15-0148	15-1146	29058-77A	L1977-89 Air Cleaner to carb (.062")
—	15-1016	29059-88	1990-99 80" Evolution Air Cleaner to CV Carb
15-0285	15-1017	29059-88A	1990-99 80" Evolution Air Cleaner to Carb, Adhesive
—	15-1148	29059-88X	1990-99 80" Evolution Air Cleaner to Carb, Steel Core
—	15-1147	29062-95B	1999-2000 Twin Cam 88 Carburetor Back Plate Gasket
—	15-1199	29095-95	1995-99 FL Air Cleaner Back Plate
—	15-0596	29242-83	1984-89 Compliance to Head
15-0263	15-1018	29250-78	Insulator Block, carb to intake, Keihin/Bendix
15-0141	15-1019	29313-95	1995-2000 Air Cleaner backplate
—	15-1149	29368-99	1999-2000 Twin Cam 88 Induction Module Gasket
15-1536	15-1200	29463-99	1999-2000 Twin Cam 88 EFI Filter Element Gasket
15-1537	15-1201	62270-32	Fuel Strainer
15-0676	15-1157		



Cometic AFM Gaskets feature a chemically blown compound nitrite synthetic rubber bonded to an aluminum core that has a temperature resistance of over 2500 degrees F. AFM does not require gasket sealers or silicone bead and re-torque of mounting bolts is not required.

Big Twin Primary Gasket and Seal Kits

VT No.	Fits
15-1300	2006-up Dyna, 2007-up FXST
15-1326	2007-up FLT
15-1301	1994-06 FXST, 1994-05 Dyna
15-1302	1989-93 FXST, FXD
15-1303	1994-06 FLT, FLHT, FXR
15-1304	1980-93 FLT, FLHT, FXR
15-1305	1965-88 FX, FL, FXST

Big Twin Primary Gasket

15-1327	2007-up FLT
15-1306	2006-up Dyna, 2007-up FXST
15-1307	1989-06 FXST, 1989-05 Dyna
15-1308	1994-up FLT, FXR
15-1309	1980-93 FLT, FXR
15-1310	1965-88 FX, FL, FXST

Big Twin Primary Inspection Cover Gasket

15-1311	1965-up FX, FL, FXST, 1989-05 Dyna
15-1312	1985-up FLT, FXR

Big Twin Derby Gasket

15-1313	2006-up Dyna, 2007-up All Twin Cam (O-Ring)
15-1314	1999-up FXST, FLT, FXD (Replaces O-Ring)
15-1328	1984-98 All Big Twins (Replaces O-Ring)
15-1315	1970-83 FX, FL

Big Twin Cam Cover Gasket

15-1316	1999-up Twin Cam
15-1317	1993-98 Evolution
15-1318	1970-92 Shovelhead & Evolution

Sportster Primary Gasket and Seal Kits

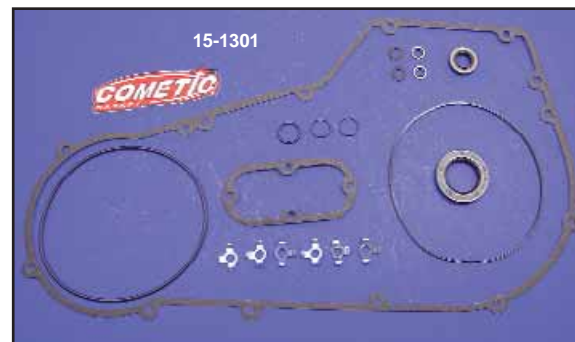
15-1319	2004-up All Models
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Sportster Primary Gasket

15-1320	2004-up All Models
15-1321	51991-03 All Models
15-1322	1986-90 All Models

Sportster Cam Cover

15-1323	2004-up All Models
15-1324	1991-03 All Models
15-1325	1986-90 All Models





14-0914	26434-91	1991-up XL Oil Pump
14-0165	26995-86A	1991-up XL Intake Manifold
14-0519	27060-55	1955-77 FL-FX-XL Intake Manifold
14-0915	27157-89	1990-up All Twins Carb Drain Screws
14-0560	27324-83	1983-87 Twins Keihin Carb Float Bowl
14-0520	27326-71	Bendix Main Jet
14-0521	27336-76	1976-78 FL-FX-XLRCR Carb Flange
14-0559	27358-76	1976-78 Twin Keihin Carb Float Bowl
14-0564	27577-88	1987-91 All Twins Float Bowl
14-0937	27577-92	1992-up All Twins Float Bowl
14-0557	27889-78	L78-82 Twin Keihin Carb Float Bowl
14-0528	29603-48	1965 only FL Timer Housing
14-0949	31695-90	1990-up Twins Starter Motor Twins
14-0960	33340-90	1990-93 BT Starter Shaft
14-0533	34036-80	1980-85 BT 4 speed Shifter Cam
14-0572	43947-79	1981-99 FL Caliper Piston
14-0563	44059-83	1983-99 FXR-FXST-XL Front Caliper
14-0555	44152-77	1979-81 XL Rear Caliper Piston
14-0551	44277-74	1974-77 FX-XL Caliper Piston Front
14-0536	45443-86	1984-up FLT-FLHT Front Fork Upper Plug
14-0522	45780-52	1954-70 XL-FX Fork Tube Cap
14-0523	45845-77	L1977-85 FL, 1980-85 FXWG 1984-up FXST-FLST Fork Tube Plug
14-0524	45982-73	1973-86 FX-FXR-FXRT-FXRS-FXRT XL-XLS-XLX Slider Tube Cap
14-0558	45984-87	1987-up FXR-XL Fork Tube Plug
14-0901	49028-85T	Large O-Ring Pegs, 100 pk
14-0900	49031-84T	Small O-Ring Pegs, 100 pk
14-0902	49029-85T	Flat Kick Pedal, 100 pk
14-0903	49030-84T	Shifter Peg, 100 pk
14-0561	61109-85	1983-up Twins Gas Cap
14-0525	62094-40	1940-65 45", 61", 74" Gas Tank Shut-off
14-0530	62360-50	1950-65 BT Fuel Line
14-0529	63529-50	1949-64 FL Filter Oil Line
14-0147	63529-57	Rocker Oil Line Seal, 100 pk
14-0526	63879-53	1958-82 BT, 67-78 XLH Oil Filter Cap
14-0562	68425-86	1986-up Twins Turn Sig Lens Screw
14-0548	68451-86	1986-up FLT-FLST-FXRT Front Turn Signal
14-0549	68455-86	1986-up FXR-XL F & R Turn Signal Lens, FXST-FLST-FXSTC Rear only

100 Pack O-Rings

14-0904	11101	1966-84 Rocker Arm
14-0905	11101X	As above Oversize
14-0906	27060-55	1955-77 Manifold
14-0147	63529-57	Oil Line Seal
14-0907	11133	Lower Pushrod Cover
14-0908	11157	Upper Pushrod Cover
14-0901	49028-85T	Large O-Ring Pegs
14-0900	49031-84T	Small O-Ring Pegs
14-0902	49029-85T	Flat Kick Pedal
14-0903	49030-84T	Shifter Peg Shifter

O-Ring

Sold in 10 packs unless noted.



VT No.	OEM	Fits
14-0500	11100	1957-85 XL Tappet Guide
14-0501	11101	1957-85 XL, 1966-86 Shovelhead Rocker Shaft
14-0148		1957-85 XL, 1966-86 BT Shovelhead No Leak Rocker Arm Seals
14-0904	11101	1966-84 Shovelhead, 1957-85 XL Rocker Arm, 100 pk
14-0905	11101X	As above Oversize, 100 pk
14-0527	11102	1966-69 XLH Timer Housing
14-0502	11103	1957-66 XL, 1967-69 XLCH Clth Gear
14-0503	11105	1966-82 74" & 80" Oil Tank Cap 1970-99 BT Tappet Screen Plug
14-0504	11106	1971-78 XL Primary Cover Filler Cap
14-0505	11107	1966-71 XL, 1967-70 FL Carb Adapter
14-0506	11110	1986-90 XL Tappet Guide Mt Screw 1962-69 XL Tach Plug
14-0577	11114	1982-84 FL-FX Main Drive Gear
14-0507	11115	1965-85 FL-FX 4 spd Trans Ctrshaft
14-0537	11116	1981-90 XLH Starter Motor Housing
14-0538	11117	1984-up FXR Shifter Lever Sleeve
14-0508	11118	1981-85 BT, Quad, Flat Pushrod O-Ring Small
14-0509	11119	1967-70 XLH, 70 XLCH Clutch Gear
14-0510	11123	45" S.V. Valve Spring Cover
14-0511	11125	1970-82 74", 80" except FXB In. Prim.
14-0512	11132	1979-E81 74" Pushrod Middle 1984-up V2 BT XL O-ring
14-0513	11133A	L1981-85 80" quad FLT Pushrod large
14-0514	11133	L1979-E81 74" & 80" Pushrod Low
14-0907	11133	As above, 100 pk
14-0515	11139	L1978-90 XL Primary Filler Cap
14-0539	11140	1984-up FLT Front Fork Air Control
14-0550	11145	1984-up V2 BT, 1986-90 XL, quad Lower Pushrod Cover
14-0531	11147	1984-99 BT Inner Chain Housing
14-0556	11148	1986-90 XL quad Oil Filter Mount
14-0540	11156	1984 FLT F. Fork Air Control Solenoid
14-0532	11157	1984-up V2 BT, 1986-90 XL, O-Ring Upper Pushrod Cover
14-0908	11157	As above 100 pack
14-0541	11159	1984-85 FXST Oil Tank Fitting
14-0542	11162	1982-84 FXR-FLT Mainshaft Right
14-0534	11165	1984-up BT 5 spd Quad Mainshaft Ball Bearing Clutch Side
14-0543	11166	1985-86 FXWG-FXEP 4 spd Cntrshaft
14-0544	11167	1986-90 XL Tappet Guide, Upper
14-0545	11168	1986-90 XL Tappet Guide, Lower
14-0546	11170	1984-99 FLT-FXRT Front Fork Air Cap
14-0547	11171	1985-99 FLT-FXRT Front Fork Air Control Solenoid
14-0554	11173	1987-99 FLST Wheel Hub Cap
14-0910	11174	1987-94 FXR Fuel Tank
14-0911	11176	1991-99 XL Pushrod Anti-rotation
14-0552	11178	1989-up FLTCU-FLHTCU Radio knob
14-0553	11179	1982-up BT Transmission Filler Plug
14-0916	11187	1987-up BT, 86-up XL Clutch Cable End
14-0917	11188	1991-up XL Clutch Inspection Cover
14-0912	11190	1991-up XL Chain Inspection Cover
14-0913	11191	1991-up XL Pushrod Cover
14-0583	11201	1990-up FXST-FLST Shifter Lever
14-0974	11241	2006-up Main Drive
14-0800	11256	1992-99 BT Oil Pump End Cap
14-0801	11270	1999-up TC88 Cylinder Base
14-0802	11273	1999-up TC-88 Rocker Arm Support
14-0814	11286	1999-up TC-88 Cyl. Head Locating Dowel
14-0815	11288	1999-up TC-88 Oil Pump Outer
14-0816	11289	1999-up TC-88 Cam Position Sensor
14-0817	11290	1999-up TC-88 Crankshaft Sensor
14-0803	11293	1999-up TC-88 Neutral Switch
14-0818	11297	1999-up TC-88 Upper Pushrod Cover
14-0819	11298	1999-up FLT Fork Air Control
14-0820	11301	1999-up TC-88 Cam Support Plate Plug
14-0933	17353-89	1989-03 Rocker Box Lower
14-0934	17354-89	1989-03 Rocker Box Upper
14-0535	25416-84	1985-98 FX-FXE-FXR-FLT-FXST Clutch Cover
14-0809	25416-99	1999-up BT Clutch Cover
14-0570	25463-94	1994-up XL Primary Derby (5pk)
14-0516	26432-76A	1977-85 XL Oil Pump Body
14-0517	26433-77	1986-up XL Cylinder Stud Insert
14-0518	26434-76A	1977-85 XL Oil Pump Check Valve
		1986-90 XL Oil Filter Check Valve
		1977-85 XL Oil Pump Cover



Seal

14-0573



14-0925



14-0109



14-0256

Seals are sold 5 pack unless noted U/M price list. *Note: Metal O.D.

James	VT No.	OEM	Fits
14-0636	14-0119	35151-74	L1974-up XL Engine L1974-up XL Trans
14-0637	14-0122	35230-39	1941-79 74"-80" Trans Mainshaft Double Lip
14-0638	14-0123	35231-36	1937-79 Trans Mainshaft Cork Washer
—	14-0186	As Above	Rubber
14-0639	14-0160	37101-84	1984-86 FXR-FLT Clutch Release Lever 1986-up XL Primary Cover Shift Shaft
14-0695	—	37107-06	2006-up XL Primary Cover
—	14-0126	37335-41	41-73 45" Clutch Pushrod
14-0640	14-0124	37337-36	37-67 FL Clutch Pushrod Cork
14-0641	14-0125	37339-53	1954-70 XL Clutch Rod
14-0643	14-0127	37531-56B	1955-69 XL Trans Clutch Gear
14-0644	14-0128	37740-57	L1957-66 XLH-XLCH, 1967-69 XLCH Clutch Hub Oil
14-0645	14-0129	37741-67	1967-70 XLH Clutch Hub 1979-81 BT Trans Mainshaft
14-0646	14-0130	37741-82	1982-85 BT 4 Speed Trans Mainshaft
14-0822	—	37741-82	As Above Double Lip Rubber O.D.
14-0647	14-0131	41210-55	1955-72 XL, 1967-71 BT Wheel Hub
14-0648	14-0167	45378-87	1987-up FXLR-FXRSE Fork Slider
14-0649	14-0162	45387-83	1983-up FXR-FXRS-FXRT, 1984-up XL Fork Slider
14-0650	14-0133	45400-75	1975-83 XL-FX Fork Slider, Showa
14-0651	14-0132	45733-48	1949-77 FL Model, 1987-up FLST-FXST Fork Tube Cap
14-0652	14-0134	45843-77	1977-83 FL, 80-86 FXWG Fork Slider
14-0653	14-0135	45852-48	1948-77 FL-FLH Fork Slider
14-0654	14-0163	45875-84	84-up FXST, 85-up FXWG, 1987-up FLT
14-0655	14-0136	45927-73	1973-74 FX-XL Fork Slider
14-0656	14-0137	45975-71	1971-72 FX-XL Fork Slider
14-0657	14-0138	47519-58	1973-82 FX Rear Wheel, 1973-82 FL Front/Rear Wire wheel (Double lip)
14-0658	14-0139	47519-72	1972-82 FX Front and Rear Wheel Seal, 1973-82 FL Front/Rear Mag Wheel
14-0659	14-0140	47519-83A	1983-99 FX-XL Front or Rear Wheel (Double lip)
14-0660	14-0141	60641-74	1974-84 FX-74" All models Except FXWG, Shifter Shaft
40-9835	—	63525-92	1992-99 BT Oil Line Feed Tube
40-9833	—	63528-92	1992-99 BT Oil Filter Tube
14-0662	14-0147	63529-57	1957-85 XL, 1966-85 BT Rocker Oil Line
14-0966	—	67096-87	1987-94 FLT Speedo Drive
14-0944	—	67098-87	1987-94 FXR-Dyna-XL Speedo Drive
14-0947	—	67118-87	1987-94 FXST-FLST Speedo Drive
14-0663*	14-0682*	83162-51	1971-99 74"-80" All Cam Cover Single Lip
14-0680	14-0142	83162-51	As Above Double Lip



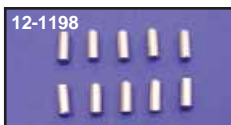
14-0573

Seals are sold 5 pack unless noted other in U/M price list.

James	VT No.	OEM	Fits
—	14-0164	1400	1983-up Big Twin Ev, TC-88, 1986-up XL Ev Valve Guide, 10 pk
—	14-0143	1404	1954-85 XL Model Valve Guide Intake, 10 pk
—	14-0144	1405	1954-85 XL Valve Guide Exhaust 10 pk
—	14-0145	1408	1948-78 BT Valve Guide In-Ex 10 pk
—	14-0146	1427	1979-85 BT Shovel Valve Guide Intake/Exhaust, 10 pk
—	14-0255	—	1948-84 Big Twin Teflon Valve Guide
—	14-0256	—	1984-up Big Twin Teflon Valve Guide
14-0673	15-0221	6114	1984-99 All Twins Rocker Cover Copper
—	14-0031	6156	1941-69 BT Chain Oiler Adj Screw
—	14-0178	6375	1946-57 BT Oil Press Sw
—	14-0033	6377	1950-84 BT Oil Pump Fitting
—	14-0032	6581	1954-78 BT Oil Pump Relief Valve Plug
14-0674	—	7019	1991-up XL Shifter Lever
—	14-0100	11124	1954-up XL Cam Cover
14-0600	—	As Above	Double Lip
14-0675	14-0556	11148	1982-84 BT Shifter Shaft
14-0687	—	—	Map Sensor 1999-up TC-88
14-0601	14-0101	12002	1961-73 XL, 1961-69 FL Gen Cover
14-0602	14-0102	12010	1979-85 4 Speed Big Twin Foot Shifter Cover
14-0603	14-0106	12013A	L1966-90 Big Twin 74"-80" Drive Gear
14-0604	14-0103	12014	1965-84 4 Speed Big Twin 74"-80" Clutch Nut
14-0605	14-0104	12018	1970-85 4 Speed Big Twin Inner Chain Housing
14-0606	14-0105	12021	1967-70 XLH Clutch Gear
14-0607	14-0107	12023	1962-69 XL Magneto Mount Plate
14-0608	14-0108	12026A	1970-99 74"-80" L Engine
14-0676	—	12026A	As Above Double Lip
14-0609	14-0918	12030	1991-99 5 Speed Trans Bearing
14-0821	14-0919	12035A	1991-06 BT Mnshft 5th Gear
14-0821	14-0824	12035B	As Above Double Lip Metal
14-0611	14-0109	12036A	1977-90 XL Oil Pump
14-0612	14-0110	12043	1980-84 FLT-FXR Trans to Starter
—	14-0576	12044	1980-84 5 Spd Main Drive Gear, MTL
14-0613	14-0111	12044A	1980-84 FLT-FXR Main Drive Gear
14-0614	14-0149	12045	1980-up 5 Speed Shifter Shaft
14-0677	14-0825	12045	Double Lip Metal OD
14-0664	—	12047	1980-81 FLT Wheel Bearing
14-0615	14-0150	12049	1984-90 XL Mainshaft Sprocket
14-0616	14-0157	12050	1984-99 FXR-FLT, 91 XL Mainshaft Clutch Side
14-0617	14-0158	12051	1984-88 BT Inner Chain Housing Start Shaft
14-0618	14-0159	12052	1984-up BT Inner Chain Housing Mainshaft
14-0619	14-0920	12053A	1989-93 BT Inner Chain Housing Start Shaft
14-0665	14-0961	12066	1994-up BT Inner Chain Housing Starter Shaft
14-0972	14-0962	12067A	1994-up Front Pulley
14-0810	—	12068	1999-up TC-88 Sprocket Shift
14-0696	—	12074	Main Drive Gear Outer
14-0697	—	12077	2006-up Dyna, 07-up Big Twin As Above Inner
—	7411-2	24776-40	1936-54 BT Engine Seal
—	7410-55	24031-55	1955-69 BT Engine Seal
—	14-0177	—	Replacement seal For above, each
14-0622	14-0171	25414-82	1982-84 FLT Rear Chain Housing
14-0623	14-0114	26227-58	1958-76 XL, 1968-up BT Oil Pump
14-0963	14-0925	26856-89	1991-99BT, 91-up XL Rocker Cover Umbrella
14-0811	14-0805	26858-99	1999-up TC 88 Umbrella
14-0624	14-0165	26995-86B	1986-up Intake Manifold to Cylinder Head Evo & TC88
14-0573	—	26995-97X	As Above, Blue
14-0678	—	Oversize	As Above
14-0689	—	—	As Above Metal with Rubber Standard Size
14-0625	14-0180	27002-89	1989-up Ev Carb to Manifold
14-0626	14-0113	27062-78	1978-85 Big Twin Shovel Intake Manifold to Cylinder Head Sleeve
14-0679	—	27385-76	Low Speed Jet Plug 1976-up All Keihin Carbs
14-0627	14-0168	29911-82	1982-84 XL Gen Gear End
14-0628	14-0112	30145-46A	1958-69 74", 1958-81 XL Generator, Large
14-0629	14-0156	31341-80	1980-84 FXB, 84-85 FXWG Starter Shaft Housing
14-0630	14-0115	33076-37	L1937-84 FL-FX 4 Speed Starter Crank
14-0631	14-0116	34035-52	1952-85 XL Shifter Shaft
14-0632	14-0117	34036-36	1941-79 Big Twin Shifter Cam Shaft
14-0635	14-0118	35151-52A	1952-74 XL Engine, 1952-E74 XL Trans



Pin



Dowel Pins-Roll Pins. Special pins in 25 packs. Check factory parts book for more applications.

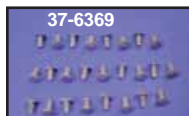
VT No.	OEM	Fits	Use
12-1169	216	1971-73 FX	Transmission
12-1198	221	1990-up	Primary
12-1176	255	1971-76	Solenoid
12-1182	256	1977-up BT	Solenoid
12-1175	271	1941-up 74, 1954-up XL	Cam
		1931-up 45"	
12-1184	275	1941-up BT	Cam Case
12-1185	327	1941-up BT	Gear Case
12-1215	328	1980-up	Trans
12-1216	329	1980-up	Starter
12-1217	332	1980-up	Starter
12-1173	333	1937 UL & 45	Oil Strainer, 10 pk
		1957-81 XL	
12-1174	334A	1965-up FL-FXE	Starter
12-1219	336	1979-up	Trans
12-1167	341	1941-up FL-FX	Oil Pump
12-1153	358	1970-83	Cam Cover
12-1172	375	1941-up BT	Transmission
12-1166	377	1930-up BT	Cam Cover
12-1177	600	1979-up	Solenoid
12-1178	601	Shifter Cam	Solenoid
12-1160	603	1976-84 BT	Rotor
12-1183	606	1952-70 XL	Clutch Hub
12-1218	609	FXR-FLT	Dowel
12-1181	614, 640	1971-E75 BT	Solenoid
12-1163	615	1970-78 All	Points
12-1164	620	1970-78 All	Points
12-1162	623	1970-78 All	Points
12-1170	625	1975-79 FX	Transmission
12-1171	9106A	1971-79	Transmission

Cotter Pins are zinc plated, sold in 100 pack.

VT No.	OEM	Size
37-8660	510	1/16" x 1/2"
37-8795	511	3/32" x 1 1/4"
37-8659	512	1/16" x 5/8"
37-9042	515	1/16" x 3/4"
37-8786	528	3/32" x 5/8"
37-8787	531	3/32" x 7/8"
37-8661	534	3/32" x 1"
37-8788	513	3/32" x 1 1/16"
37-8789	550	1/8" x 5/8"
37-8790	559, 520W	1/8" x 1 1/4"
37-8663	566	3/16" x 1"



Rivet



Replacement Fender Rivets fit all FL front and rear fenders and FX front fenders, 25 pack.

VT No.	Fits
37-6368	Big Twin Fender Brace
37-6369	Big Twin Fender Top
37-6370	FX Front, 1973-up Stainless



Clutch & Brake Brass Rivets.

VT No.	OEM	Type	Use	U/M
37-8805	—	Short 4-41/2	Brake	
37-8806	41871-31	Long 4-5	Brake	100
37-8807*	8226	Short 7-4	Clutch	100
37-8808	8232	Long 7-5	Clutch	100
23-0522	8475	1974-76F Br	ake	10

*Note: For clutch hub friction disc.



Fiberglass Saddlebag Rivets, pack of 50.

VT No.	OEM	Length
37-0566	90965-63	5/16"
37-0567	90966-67	1/4"
37-0568	90967-64	3/8"

Seal



BT Left Side Engine Case Seals

VT No.	#	OEM	Year	Model
7411-2	A	24776-40	1936-54	61-74-80
14-0965		24031-55	1955-68	OE type
7410-55	C	24031-55	1955-68	VT
7410-1	C	24031-55	1955-68	Colony
7410-1-OS		Oversize	1955-68	Colony (+.002)
7410-1-US		Undersize	1955-68	Colony (-.002)
14-0177		Seal only	For above	
14-0185	B	24031-69	1969 only	BT
14-0108	B	12026B	1970-99	BT, 5 pk
14-0580	B	12026-B	1970-99	BT, 5 pk
14-0810	B	12068	2000-up	TC-88
14-0980		12068	2000-up	TC-88

Note: 7410-1, 7410-55 area screw-in insert with integral seal. 14-0965 is stock type screw-in without seal. 7411-2, 8211-2 both include seal, spacer & snap ring.



Stud



Factory Type Studs for stock applications.

VT No.	OEM	Fits
12-1197	11733	1984-up FX Trans Stud Set
12-1187	16715-83	1985-up Evo Ex, 5 pk
12-1192	16830-29	1929-up 45 Cylinder Base Set
12-2113	16830-54	1980-up BT Inner Primary, Set
12-2100	16831-30	1930-77 BT Cyl. Base Set
12-1188	16831-83	1985-up Evo Top Mt
12-2101	16837-78	1978-84 BT Cyl. Base Set
12-2107	16864-48	1948-84 BT Top Mt 4 pk
12-2114	17647-48	1948-65 Pan Rocker
9917-8	17647-48	1948-65 Pan Rocker Arm
12-2106	17506-66	Shovel Rocker Box Cover Set
	17508-66	1 Head
	16864-48	10 piece Total
12-2524	Sifton As	Above
8741-19	24819-36	& 24820-36, 1936-67 Big Twin Oil Pump Set, Cadmium
12-2109	24823-80	1965-up BT Kick Cover Set
12-2126	24824-67	1962-70 Carb 3/8"
12-1191	24914-58	1958-64 BT Breather
12-2127	24253-78	1978-85 Carb, 5/16"
12-2110	29254-78	1978-89 Carb Mount, 5/16"
12-2108	33298-36	1936-64 BT Kick Cover Set
	33298-65	1965-77 Carb, 5/16"
12-2105	34723-47	1948-84 BT O.S. Trans, 4 pk
12-2104	34724-36A	1948-84 BT Trans Mt, 4 pk
12-2112	34725-26	1926-73 45 Trans Case
9919-3	34725-26	1926-73 45 Trans Case
37-6366	42301-79	1979-84 BT MC Mount, ea
8813-4	45840-48	1949-76 Glide Leg, pr
8826-6	45998-73	1977 up Glide Leg, pr
	72341-48	1973-up FX Leg Stud, pr
12-2123	61605-36	1936-83 R. BT Tank Mount
8823-10	72341 48	1948-55 BT Coil Mount, pr
8824-8	72341-56	1956-82 BT Coil Mount, pr

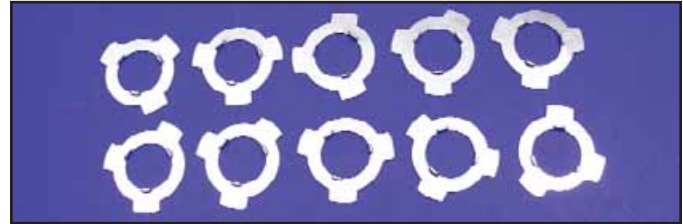
Key



Keys.

VT No.	OEM	Fits
12-0213	11204	80-85 XL Rear Intake Came
12-0209	11218	1981-90 XL-BT Gear Shaft
		1981-90 XL-BT Crank Pin
12-0215	11219	1988-99 XL Oil Pump Drive Gear
12-0216	11220	1941-81 BT, 54-81 XL Gear Shaft
12-0200	23985-12	1954-81 XL, 30-54 BT Sprocket Shaft
12-0201	23985-18	1941-81 BT, 54-81 XL Gear Shaft
12-0202	23985-54	1954-90 BT Gear Shaft Pinion
12-0203	23985-56	1956-80 BT Sprocket Shaft
12-0204	26340-36	1941-67BT Oil Pump Gear
12-0214	26341-37	1937-73 45", 62-71 XL Oil Pump Retainer Half
12-0205	26348-15	1971-90 BT Oil Pump Gear
		1972-76 XL Breather Valve Gear
		1975-86 BT Pinion Shaft
12-0206	33393-50	1941-85 BT Starter Clutch
12-0207	35175-38	1941-77 BT Transmission Sprocket
12-0211	35196-26	1926-73 45" Transmission Sprocket
12-0208	37523-15	1941-84 BT Clutch Hub
12-0212	37523-85	1985-90 BT Clutch Hub
12-0210	40390-54	1954-60 BT Compensator Sprocket

Lock Tab

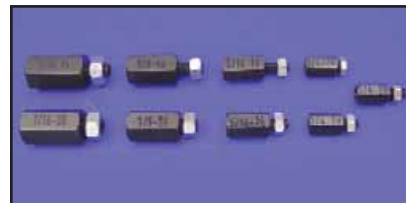


Replacement Lock Tabs.

VT No.	OEM	Fits
17-0918	7044A	Pinion Shaft 1979-up XL Gear End
17-9222	7402	1980-84 FLT-FXR Primary
17-0978	23970-36	Crank Pin 1936-40 61"
17-0914	23971-41	Crank Pin 1941-53 BT, 1957-80 XL
17-0927	23971-54	Crank Pin 1954-80 Big Twin
17-0922	23982-12	45" Crank Pin 1929-73
17-0913	24015-36A	Pinion & Sprocket Shaft 1936-71 BT
		Pinion only 1972-80 BT 1957-80 XL
17-0929	24016-29	Pinion/Spkt Shaft 1929-73 45" S.V.
17-0917	24018-72	Sprocket Shaft Flywheel 1972-80 BT
17-0908	25550-57	Cam Gear 1957-up Big Twin
10-1254	25554-84	Cam Gear .045 1957-up Big Twin
17-0921	25551-58	Cam Thrust Plate All 1958-up XL
17-0948	29168-83A	Air Cleaner Mount
17-0942	31479-65	1965-69 BT Inner Primary
17-0937	—	1970-up BT Inner Primary
17-0902	33082-16	Kicker & Countershaft 1941-84 BT 4-Sp.
17-0930	33125-89	Big Twin Starter Shaft 1989-up
17-0907	33197-79	Plunger Body Bolt 1978-84 BT 4-Sp.
17-0928	33318-85	Inner Primary 1985-up Big Twin
17-0905	33335-79	Transmission Sprocket 1980-83 FLT
17-0911	33362-52	Kicker Shaft All XL 1957-81
17-0903	33396-39	Kicker Clutch Gear 36-84 BT 4-Spd.
17-0916	34066-52	Cam Follower 1952-78 Big Twin
17-0923	34067-52	Shifter Cam Retainer All 1957-85 XL
17-0919	34069-71	Shifter Cam 1954-up XL
17-0906	34180-33	Shifter Forks 1936-84 BT 4-Speed
17-0943	34747-65	Trans Plate 65-84 BT
17-0900	35050-40	Mainshaft Bearing 1940-84 BT 4-Sp.
17-0910	35050-52	Trans Sprocket All 1952-up XL
17-0933	35216-26	45 Transmission Sprocket 1929-73
17-0901	35216-36	Transmission Sprocket 1936-84 BT
17-0925	37462-41	45" Clutch Hub Nut 1936-84
17-0904	37503-41	Clutch Hub Nut 1941-84 Big Twin
17-0912	37533-52A	Clutch Hub All 1957-84 XL
17-0915	39996-65	Primary Adjuster 1965-up Big Twin
17-0934	40251-91	Pulley Lock Tab
17-0935	42575-30	Mechanical Brake Shaft 1936-57 BT
17-0924	45717-63	Stem Nut 1960-85 FL's
17-0936	45752-50	Adj. Fork Top Clamp
17-0909	47513-58	Swing Arm Bolt 1958-84 Big Twin
17-0920	47525-52	Swing Arm 1952-80 XL
17-0941	59166-80	FL Front Fender
17-0926	—	Trans Lock Kit All Big Twin
39-0155	71069-47	Dash Stud L1947-67 BT
49-2531	87136-36	Side Car Mount Lock Tab, 5 pack

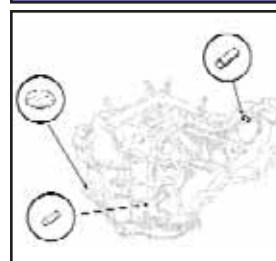
Stud Installer Set. 9 pc fits 1/4, 5/16, 3/8 and 7/16.

VT No. 2398-9



Hardware for Early Cases, 5 pack.

VT No.	Size
12-0599	1/2" Welch Plug
12-0595	9/16" Welch Plug
12-0596	3/8" Welch Plug
12-0598	1/4" Welch Plug
12-0623	.619 Welch Plug
12-1166	Timing Cover Pin



Snap Cap™ Easy to Install!!!



Chrome Bolt Cap Cover Kit

VT No. Model Kit Quantity

Touring

37-9527 1999-06 83

37-9525 2009-up 111

37-9526 2007-08 75

37-9539 2009-up 126

37-9540 1999-08 148

Dyna

37-9541 1999-up 156

37-9528 2006-up 76

37-9529 1999-05 86

Softail

37-9543 1999-up 175

37-9530 2007-up 81

37-9531 2000-06 87

37-9536 2009-up 125

Engine

37-9535 TC-88 79

- Snap On
- Tight Fit
- Easy Installation

Wetzel



37-9526



37-9533



37-9527

These new bolt cover kits will make any bike look great and are also for custom builders use. Easy to install these new kits have beautifully designed pieces to cover the raw OE bolt heads on engine, transmission, primary and more, each kit includes detailed instruction for installation on each model as listed, all covers in each kit are individually packed and numbers for identification. installation has never been easier.



Chrome Cap Assortment includes 100 pc each 1/4", 5/16" and 3/8" caps.

VT No. 37-1505

100 Pieces!

Chrome Cap



37-1504



37-1503



Press in Caps for allen screws.

VT No.	Size	Qty
2164-100	1/4"	100
2165-100	5/16"	100
2166-100	3/8"	100

Snap Caps™ snap on knurled allen screws for ease of installation. Packs of 25 or 100.

100 pack	25 pack	Fits
37-1502	37-1526	1/4"
37-1503	37-1527	5/16"
37-1504	37-1528	3/8"
300 Pieces		
37-1505	—	Assortment

- Snap On
- Tight Fit
- Easy Installation
- Universal Use



Chrome End Caps for Allen Bolts fit 1/4", 5/16" and 3/8" allen bolts (thread size). Available in an assortment tray with 100 of each and in refill packs of 10 or 50 packs.

VT No.	Item	Quantity	Material
37-9197	End Plug Assortment	300	Steel
37-9198	1/4" Refill Bag	100	ABS
37-9199	5/16" Refill Bag	100	ABS
37-9200	3/8" Refill Bag	100	ABS



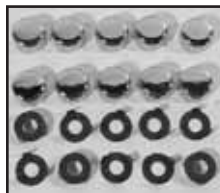
37-8923



37-8925

Chrome Pasties are allen head bolt covers which install with a set screw for positive hold. Sold in pairs, for screw thread size listed.

VT No.	Size	U/M
37-0961	1/4"	10
37-8923	1/4"	2
37-8925	3/8"	2
37-0962	3/8"	4 piece set



Chrome Hide-A-Bolt Caps is a 13/16" chrome cap with a snap on base which mounts under bolt head, up to 3/8" diameter, 10 pack.

VT No. 37-0870



Chrome Hole Plugs snap in as replacements.

VT No.	OEM
37-8349	60650-54A
14-0707	O-Ring
28-0618	56238-62
37-8994	Stainless
28-1500	67830-59
37-0526	68796-88
37-9304	68797-68A

Use/Model
1955-64 Primary Big Twin
For Above
1962-up HB Grip
1962-up Spotlight Bar
Visor Plug
1988-up FXSTS Spotlamp Bracket
1968-84 BT Swing Arm Frame



37-8975



28-0618

Chrome Handlebar End Plugs are accessorized with jewels and skulls. Sold in pairs.

VT No.	Type
37-8972	Sapphire Jewel
37-8974	Red Jewel
37-8975	Skull Spot
28-0618	Plain Chrome, 10 pk



Krommets

37-9107



37-9218



Krommets feature 1/4 x 20 studs unless noted for decorative mounting. Available in 5 packs unless noted.

VT No. Item

37-9076 Chrome Skull

37-9077 Gold Skull

37-9096 Chrome Skull, large

37-9297 Chrome Skull large 5/16 x 18

37-9107 Chrome Skull 10/32, 10 pk

37-9218 Skull Valve Stem Cover, pr

37-9076



37-9077



37-9096



37-9297



37-0501



37-1954



Krommets are available in traditional gold, chrome type or 10 point, 10 pk, 1/4" x 28 thread.

VT No. Item

37-1954 Star Washer

37-0869 1 3/8" OD Rubber Washer for Above

37-0503 Chrome Rocket with Fins

37-0501 Chrome Krommets

37-0502 Gold Krommets



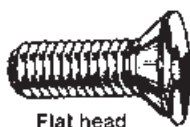
Chrome and Zinc Plated Bolt



Chrome Plated Bolts are
sold in 10 packs.
Zinc Plated Bolts are
sold in 25 packs.



Button head



Flat head



Socket cap



Hex cap

Size	CHROME		CHROME		CHROME KNURLED		CHROME		ZINC	
	Allen Button Head		Allen Flat Head		Allen Socket Cap		Hex Cap Bolt		Hex Cap Bolt	
	Coarse UNC	Fine SAE	Coarse UNC	Fine SAE	Coarse UNC	Fine SAE	Coarse UNC	Fine SAE	Coarse UNC	Fine SAE
1/4 X 1/2	37-8700	37-8725	37-0153	37-0106	—	—	—	—	—	—
1/4 X 5/8	37-8701	37-8726	37-0154	—	37-8300	37-8324	37-8602	37-8573	37-0600	37-0628
1/4 X 3/4	37-8702	37-8727	37-0155	37-0107	37-8301	37-8325	37-8603	37-8574	37-0601	37-0629
1/4 X 7/8	37-8703	37-8728	37-0156	—	37-8302	37-8326	37-8604	—	37-0602	37-0630
1/4 X 1	37-8704	37-8729	37-0157	37-0108	37-8303	37-8327	37-8605	37-8576	37-0603	37-0631
1/4 X 1 1/4	37-8705	37-8730	37-0158	37-0109	37-8304	37-8328	37-8606	—	37-0604	37-0632
1/4 X 1 1/2	37-8706	37-8731	37-0159	37-0110	37-8305	37-8329	37-8607	37-8578	37-0605	37-0633
1/4 X 1 3/4	37-8707	—	37-0160	—	37-8306	37-8330	—	—	37-0606	37-0634
1/4 X 2	37-8708	—	37-0161	—	37-8307	—	37-8609	—	37-0607	37-0635
1/4 X 2 1/4	37-8709	—	—	—	37-8308	—	—	—	37-0608	37-0636
1/4 X 2 1/2	37-8710	—	37-0163	—	—	—	—	—	—	—
1/4 X 2 5/8	37-8738	—	—	—	—	—	—	—	—	—
5/16 X 1/2	37-8711	37-8732	37-0164	37-0114	—	—	—	—	—	37-0550
5/16 X 5/8	—	—	—	—	37-8309	37-8331	37-8611	37-8582	37-0609	37-0637
5/16 X 3/4	37-8712	37-8733	37-0165	37-0115	37-8310	37-8332	37-8612	37-8583	37-0610	37-0638
5/16 X 7/8	—	—	37-0166	—	37-8311	37-8333	37-8613	37-8584	37-0611	37-0639
5/16 X 1	37-8713	37-8734	37-0167	37-0116	37-8312	37-8334	37-8614	37-8585	37-0612	37-0640
5/16 X 1 1/4	37-8714	37-8735	37-0168	37-0117	37-8313	37-8335	37-8615	37-8586	37-0613	37-0641
5/16 X 1 1/2	37-8716	37-8736	37-0169	37-0118	37-8314	37-8336	37-8616	37-8587	37-0614	37-0642
5/16 X 1 3/4	37-8717	37-8737	37-0170	—	37-8315	37-8337	37-8981	—	37-0615	37-0643
5/16 X 2	37-8718	—	37-0171	—	37-8316	37-8338	37-8617	—	37-0616	37-0644
5/16 X 2 1/4	—	—	—	—	37-8317	37-8339	37-8618	37-8590	37-0617	37-0645
5/16 X 3 1/2	—	—	—	—	37-8462	—	—	—	—	—
3/8 X 3/4	37-8719	37-8739	37-0173	37-0122	37-8318	37-8340	37-8619	37-8591	37-0618	37-0646
3/8 X 1	37-8720	37-8740	37-0174	37-0123	37-8319	37-8341	37-8620	37-8592	37-0619	37-0647
3/8 X 1 1/4	37-8721	37-8741	37-0175	37-0124	37-8320	37-8342	37-8621	37-8593	37-0620	37-0648
3/8 X 1 1/2	37-8722	37-8742	37-0176	37-0125	37-8321	37-8343	37-8622	37-8594	37-0621	37-0649
3/8 X 1 3/4	37-8723	37-8743	37-0177	—	37-8322	37-8344	37-8623	37-8595	37-0622	37-0650
3/8 X 2	37-8724	37-8744	37-0178	—	37-8323	37-8345	37-8624	37-8596	37-0623	37-0651
3/8 X 2 1/4	—	—	—	—	—	37-8346	—	—	—	—
3/8 X 2 1/2	—	—	—	—	37-8352	37-8347	—	—	—	—
3/8 X 2 3/4	—	—	—	—	37-8353	—	37-8682	—	37-8658	—
7/16 X 1	—	—	—	—	—	—	—	37-8597	37-0624	37-0652
7/16 X 1 1/4	—	—	—	—	—	—	37-8625	37-8598	37-0625	37-0653
7/16 X 1 1/2	—	—	—	—	—	—	37-8626	37-8599	37-0626	37-0654
1/2 X 1 1/2	—	—	—	37-0891	—	—	—	—	—	—
1/2 X 2	—	—	—	—	—	37-8351	—	—	—	—
1/2 X 2 1/4	—	—	—	—	—	—	37-8627	37-8600	37-0627	37-0655
1/2 X 2 1/2	—	—	—	—	—	—	37-8980	37-8601	37-0796	37-0656
1/2 X 2 3/4	—	—	—	—	—	—	37-0793	37-0795	—	—
1/2 X 3 3/4	—	—	—	—	—	—	37-0794	—	—	—



Spacer



Zinc Spacers

VT No.	ID x OD x L
37-0469	1/4 x 15/32 x 5/32
37-0404	1/4 x 9/16 x 3/4
37-0405	1/4 x 9/16 x 3/4, Black
37-0473	5/16 x 1/2 x 1/2
37-0406	5/16 x 5/8 x 1/4
37-0407	5/16 x 7/8 x 3/8, Black
37-0428	5/16 x 3/4 x 1/4
37-0408	5/16 x 3/4 x 1/4
37-0409	5/16 x 3/4 x 1/2
37-0410	5/16 x 5/8 x 3/8
37-0411	5/16 x 7/8 x 3/8
37-0412	5/16 x 5/8 x 3/4
37-0413	5/16 x 5/8 x 1 1/8
37-0454	5/16 x 1/2 x 5/8
37-0455	5/16 x 1/2 x 1/2
37-1019	5/16 x 1/2 x 1 5/16
37-0984	5/16 x 1/2 x 2 1/4, Black
37-0458	3/8 x 3/4 x 5/8
37-0414	3/8 x 1 x 1
37-0430	3/8 x 1 x 1 1/4
37-0415	3/8 x 5/8 x 1 1/8, Cadmium
37-0416	3/8 x 1 x 1 1/2
37-1018	3/8 x 1 x 1 5/16
37-0417	25/64 x 1 x 1/2
37-0954	.40 x .6 x .5
37-1210	7/16 x 1 1/8 x 1
37-0431	1/2 x 5/8 x 1 1/4, Black
37-0418	1/2 x 1 x 1/2
37-0439	1/2 x 3/4 x 1
37-0420	1/2 x 3/4 x 2 1/4
37-0421	5/8 x 1 x 1/4
37-0432	25/64 x 3/4 x 1 1/2, Zinc Spacer

Chrome Steel Spacers.

Pack of 5.

VT No.	ID x L	OD
37-0459	1/4 x 1/8	5/8
37-0460	1/4 x 1	5/8
37-0461	5/16 x 1/8	5/8
37-0462	5/16 x 1/4	5/8
37-0463	5/16 x 3/8	5/8
37-0464	5/16 x 1/2	5/8
37-0465	5/16 x 3/4	5/8
37-0466	3/8 x 3/8	3/4
37-0467	3/8 x 3/4	3/4
37-0445	3/8 x 1	5/8
37-0468	3/8 x 1	3/4

Aluminum

ID x OD x L
37-0422 1/4 x 5/8 x 5/8
37-0423 5/16 x 1 1/16 x 7/16
37-0424 3/8 x 1 x 7/8
37-0425 3/8 x 5/8 x 1 1/8

Chrome Steel Spacer 10 pack.

VT No.	ID x OD x L	VT No.	ID x OD x L
37-0457	1/4 x 15/32 x 1/4	37-0400	5/16 x 3/4 x 1
37-8628	1/4 x 7/16 x 3/16	37-0401	5/16 x 5/8 x 1 1/8
37-8629	1/4 x 7/16 x 1/4	37-8636	3/8 x 9/16 x 1/8
37-8630	1/4 x 7/16 x 3/8	37-8637	3/8 x 13/16 x 1/2
37-0470	1/4 x 1/2 x 3/32	37-0402	3/8 x 3/4 x 1/2
37-0435	1/4 x 3/4 x 1/2	37-0403	3/8 x 5/8 x 7/8
37-8631	1/4 x 7/16 x 5/8	23-0600	3/8 x 9/16 x 1/4 (a)
37-8632	1/4 x 7/16 x 3/4	23-1742	3/8 x 3/4 x 3/16 (b)
37-8633	1/4 x 7/16 x 7/8	37-8638	7/16 x 1 1/16 x 5/16
37-8634	1/4 x 7/16 x 1 1/16		
37-8635	5/16 x 1/2 x 1 7/32		

(a): Replaces 44132-72 Disc Brake Caliper Washer

(b): Replaces 50668-35 1958-78 Master Cylinder Spacer

Chrome Countersunk Washer Sets are the 82° type to accept flat head socket screws.

VT No.	Size	Quantity
9843-8	#10	8
9834-8	1/4"	8
9835-8	5/16"	8
9836-5	3/8"	5
9844-5	7/16"	5



Chrome Top Motor Mount Spacer Set for spacing out top mount or wide tire conversions. Spacers have 7/16" ID with 1 1/8" OD.

VT No.	Thickness
37-0438	5/8"
37-0419	3/4"
37-0437	1/2"



Washer



Lockwasher Biter Assortment includes 50 piece of each size.

VT No. 37-0535

Lock Washers

Zinc	Chrome	OEM	I.D.	Qty.
37-0689	37-9053	—	#8	100
37-0852	—	—	#10	25
37-0690	37-9054	6998	1/4"	100
—	9516-12	6998	1/4"	12
37-0691	37-9055	7041	5/16"	100
—	9517-12	7041	5/16"	12
37-0692	37-9056	7038	3/8"	100
—	9518-6	7038	3/8"	6
37-0693	37-9057	7039	7/16"	100
—	9519-6	7039	7/16"	6
37-0694	37-9058	7068	1/2"	100
37-0798	—	7238	1/2"	25
—	9971-5	—	1/2"	5
37-0695	37-9059	7022	5/8"	50

Flat Washers

Zinc	Chrome	I.D.	Type	Qty.
37-0681	37-8557	#8 Standard		100
37-0682	37-8558	#10 Standard		100
	8166-12	1/4"	Standard	12
37-0683	37-8559	1/4"	Standard	100
	8167-12	5/16"	Standard	12
37-0684	37-8560	5/16"	Standard	100
	8168-6	3/8"	Standard	6
37-0685	37-8561	3/8"	Standard	100
	8169-6	7/16"	Standard	6
37-0686	37-8562	7/16"	Standard	100
37-0687	37-8563	1/2"	Standard	100
	9972-5	1/2"	Standard	5
37-0688	37-8564	5/8"	Standard	50
37-9273**	37-8565	5/16"	5/8" OD OE	100
37-9272	—	1/4"	OE 25	
—	9633-50	1/4"	OE	50
—	37-8567*	1/4"	Special	50
—	2115-12*	1/4"	Special	12
—	37-8568*	5/16"	Special	50
—	2110-12*	5/16"	Special	12
—	37-8569*	3/8"	Special 50	
—	2114-6*	3/8"	Special	6
—	37-8570*	7/16"	Special	50
—	2112-6*	7/16"	Special	6
—	37-8571*	1/2"	Special 25	
—	37-8572*	5/8"	Special	25



***Note:** Extra thick with tighter fitting I.D. than standard SAE washers.

****Note:** 25 pieces per pack



Hex Nuts sold either in zinc or chrome, Nyloc or Standard. Nyloc features a plastic insert for vibration proof mounting, 20 pack for chrome and 50 pack for zinc

Chrome Standard	Chrome Nyloc	Zinc Standard	Zinc Nyloc	Size
—	—	39-0166	—	⁶ / ₃₂
—	—	39-0167	—	⁸ / ₃₂
—	—	—	12-0582	¹⁰ / ₃₂
37-8110	37-8119	37-0657	37-0666	¹ / ₄ -20
37-8111	37-8120	37-0658	37-0667	¹ / ₄ -28
37-8112	37-8121	37-0659	37-0668	⁵ / ₁₆ -18
37-8113	37-8122	37-0660	37-0669	⁵ / ₁₆ -24
37-8114	37-8123	37-0661	37-0670	³ / ₈ -16
37-8115	37-8124	37-0662	37-0671	³ / ₈ -24
37-8116	37-8125	37-0663	37-0672	¹ / ₂ -20
37-8117	37-8126	37-0664	37-0673	⁷ / ₁₆ -20
37-8118*	37-8127*	37-0665	37-0674	⁵ / ₈ -18
37-8145	—	—	—	⁵ / ₈ -11

*Note: Sold in 10 pack.



Flexloc Nuts Replicas are all metal, cadmium plated.

VT No.	Size	VT No.	Size
37-9144	¹⁰ / ₂₄	37-0875	⁵ / ₁₆ -18
37-0850	¹⁰ / ₃₂	37-9146	⁵ / ₁₆ -24
37-9150	¹ / ₄ -20	37-0876	³ / ₈ -16
37-9145	¹ / ₄ -28 Fine	37-9147	³ / ₈ -24
12-0571	⁵ / ₁₆ -24 Thin	37-9148	⁷ / ₁₆ -20
9918-8	⁵ / ₁₆ -24 Thin 8pc	37-9149	¹ / ₂ -20



Well-Nuts are rubber inserts which press in panels as threaded inserts.

VT No.	OEM	Thread	Type
37-9193	5210	⁶ / ₃₂	Headlight
37-9194	5207	¹⁰ / ₃₂	Module
37-8348	8099	¹ / ₄ -20 FXR	Cover
37-8350	8098	¹⁰ / ₂₄	FXR Horn Mount



Red Cap Nuts are plastic red caps on zinc or cadmium replica nuts as used on rocker shaft ends. Available in popular sizes for matching engine and transmission, SAE fine thread only.

VT No.	Size	VT No.	Size
37-8778	10-32	37-8782	⁷ / ₁₆ -20
37-8779	¹ / ₄ -28	37-8783	¹ / ₂ -20



Nut

Thread Size Application Chart			
Fine Size	Thread Type	Coarse Size	Thread Type
1/4-28 SAE	SAE	1/4-20	UNC
5/16-24 SAE		5/16-18	UNC
3/8-24 SAE		3/8-16	UNC
7/16-20 SAE		7/16-14	UNC
1/2-20 SAE		1/2-13	UNC
9/16-18		9/16-12	UNC

Pike Nuts, Fine

VT No.	Size
6901-5	10-32 SAE
6902-5	¹ / ₄ -28 SAE
6900-5	¹ / ₄ -24 HD
6903-4	⁵ / ₁₆ -24 SAE
6904-3	³ / ₈ -24 SAE
6905-2	⁷ / ₁₆ -20 SAE
6906-1	¹ / ₂ -20 SAE
6907-1	⁹ / ₁₆ -18 SAE
6908-1*	⁵ / ₈ -18 SAE, (1")
6909-1*	⁵ / ₈ -18 SAE, (1 ¹ / ₄ ")
44-0647*	³ / ₄ -16 SAE, (1 ¹ / ₄ ") Pair

Pike Nuts, Coarse

U/M	VT No.	Size	U/M
5 pk	6910-5	10-24	5 pk
5 pk	6911-5	¹ / ₄ -20	5 pk
5 pk	6912-4	⁵ / ₁₆ -18	4 pk
4 pk	6913-3	³ / ₈ -16	3 pk
3 pk	6914-2	⁷ / ₁₆ -14	2 pk
2 pk	6915-1	¹ / ₂ -13	Ea
Ea	6916-1	⁹ / ₁₆ -12	Ea
Ea	6917-1 *	⁵ / ₈ -11, (1")	Ea
Ea	6918-1*	⁵ / ₈ -11, (1 ¹ / ₄ ")	Ea

*Note: Hex Size



Cap Nuts, Fine

VT No.	Size	U/M
8414-5	¹ / ₄ -24 HD	5 pk
8415-5	10-32,	5 pk
8416-5	¹ / ₄ -28	5 pk
8417-4	⁵ / ₁₆ -24	4 pk
8418-3	³ / ₈ -24	3 pk
8419-2	⁷ / ₁₆ -20	2 pk
8420-1	¹ / ₂ -20	Ea
8421-1	⁹ / ₁₆ -18	Ea
8422-1*	⁵ / ₈ -18, ¹⁵ / ₁₆ "	Ea

Cap Nuts, Coarse

VT No.	Size	U/M
8423-5	10-24	5 pk
8424-5	¹ / ₄ -20 5	pk
8425-4	⁵ / ₁₆ -18	4 pk
8426-3	³ / ₈ -16	3 pk
8427-2	⁷ / ₁₆ -14 2pk	
8428-1	¹ / ₂ -13	Ea
8429-1	⁹ / ₁₆ -12 Ea	
8430-1*	⁵ / ₈ -11 ¹⁵ / ₁₆ "	Ea

*Note: Hex Size



Acorn Nuts, Fine

VT No.	Size	U/M
6930-5	¹ / ₄ -24 HD	5pk
6931-5	10-32	5 pk
6932-5	¹ / ₄ -28	5 pk
6933-4	⁵ / ₁₆ -24	4 pk
6934-3	³ / ₈ -24	3 pk
6935-2	⁷ / ₁₆ -20	2 pk
6936-1	¹ / ₂ -20	Ea
6937-1	⁹ / ₁₆ -18	Ea
6938-1*	⁵ / ₈ -18, (¹⁵ / ₁₆)	Ea
6939-1*	³ / ₄ -16, (1 ¹ / ₈)	Ea
6940-1*	⁵ / ₈ -18, (1 ¹ / ₄)	Ea
37-0889	³ / ₄ -16, (1 ¹ / ₄)	Ea

Acorn Nuts, Coarse

VT No.	Size	U/M
6941-5	10-24	5 pk
6942-5	¹ / ₄ -20	5 pk
6943-4	⁵ / ₁₆ -18	4 pk
6944-3	³ / ₈ -16	3 pk
6945-2	⁷ / ₁₆ -14	2pk
6946-1	¹ / ₂ -13	Ea
6947-1	⁹ / ₁₆ -12 Ea	
6948-1*	⁵ / ₈ -11 (¹⁵ / ₁₆)	Ea
6949-1*	⁵ / ₈ -11 (1 ¹ / ₄)	Ea

*Note: Hex Size

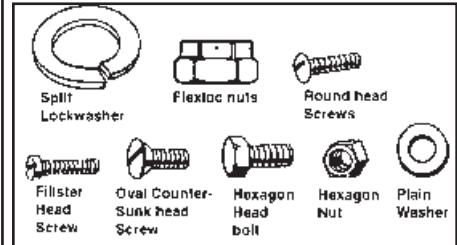


Factory Type Washer, Nut and Screw

Replica Steel Washers. Zinc plated unless noted. Check Parts Book for fitment.

VT No.	OEM	Size/Thickness
37-9307	6001	7/16 x 3/4 x 1/16
37-9333	6002	5/16 x 5/8 x 1/16
37-9340	6011	3/32 x 5/16 x 1/32, Brass
37-9195	6016	11/32 x 11/16 x 1/16
37-9266	6019	3/8 x 29/32 x 1/16
37-0836	6026	3/8 x 7/8 x 7/64
37-0801	6033	3/8 x 9/16 x 1/16
37-0802	6052	9/16 x 5/16 x 1/16
37-9339	6053	3/16 x 7/16 x 1/16, Nylon
37-9338	6054	3/16 x 9/16 x 1/16, Nylon
37-9352	6072	3/8 x 1 1/4 x 1/16
37-0532	6083	3/8 x 2 x .060
37-9267	6099	1/4 x 7/16 x 1/16
37-9268	6109	5/16 x 11/16 x 1/8
37-9269	6113	1/2 x 13/16 x 1/32
37-9270	6115	13/32 x 23/32 x 1/16
9985-24	6150	3/16 x 3/8 x 1/16, Cad
14-0031	6156	3/16 x 3/8, Brass (5)
37-0843	6187W	13/64 x 9/16 x 1/16
37-9271	6189W	#8 x 3/8 x 1/32
37-9309	6192	#8 x 7/16 x 3/64
37-0856	6194	13/64 x 1 1/16 x 3/64
37-9337	6228W	1/4 x 1/2 x 1/16
37-9336	6229W	5/16 x 1 1/16 x 3/64
23-1700	6230	11/32 x 13/32 x .032
37-9043	6220W	1/4 x 7/16 x 1/32
37-9319	6235	1/4 x 23/32 x 1/16
37-9298	6237	5/16 x 1 1/8 x 5/64
37-9394	6239	1/4 x 1/2 x 3/32
37-9272	6242W	1/4 x 9/16 x 1/32
37-9523	6310	1/4 x 9/16 x 1/32
37-9273	6316HW	9/16 x 5/16 x 1/32
37-9335	6317	3/4 x 1 1/2 x 1/32, Nylon
12-1158	6320	5/16 x 5/8 x 1/16
37-9362	6324W	5/16 x 1 1/16 x 1/16
37-9274	6327B	5/16 x 3/4 x 3/64
37-9347	6329	5/16 x 7/8 x 5/64
37-0837	6332B	5/16 x 15/16 x 3/64
37-9275	6333	5/16 x 7/8 x 5/64
37-0811	6365	1/2 x 1.25 x 1/16
12-0418	6366	1/2 x 1 1/4 x 3/32
37-9310	6379W	3/8 x 5/8 x 3/64
37-0838	6388HB	3/8 x 23/32 x 1/16
37-9326	6341B	5/16 x 1 1/8 x 3/64
37-9276	6334	7/16 x 1 x 1/8
37-0838	6388HB	3/8 x 23/32 x 1/16
37-9277	6395B	3/8 x 13/16 x 1/16
37-0835	6400HB	5/16 x 13/16 x 3/32
37-0839	6408	25/64 x 55/64 x 1/8
37-0792	6408	25/64 x 55/64 x 1/8, Parkerized
37-0797	6408	25/64 x 55/64 x 1/8, Zinc
37-8858	6410	1/4 x 9/16 x 1/16, Nylon
54-0432	6415W	3/8 x 1 1/8 x 3/32
37-9278	6417W	3/8 x 1 1/8 x 1/8
37-9324	6418B	3/8 x 1 1/8 x 11/64
12-9918	6443W	3/8 x 1 1/8 x 1/8
37-9313	6440	13/32 x 11/16 x 1/32
12-1193	6466W	13/32 x 5/8 x 1/32
8170-10	6469HW	7/16 x 3/4 x 1/8
37-9239	6469	7/16 x 3/4 x 1/8
37-9279	6473HB	29/64 x 51/64 x 1/16
37-0570	6474	3/8 x 13/16 x 5/32
37-9280	6481	15/32 x 13/16 x 9/64
37-9281	6486HW	29/64 x 13/16 x 3/32
37-9282	6490HB	7/16 x 15/16 x 1/8
37-9283	6495HW	7/16 x 15/16 x 1/8
37-9133	6495HW	7/16 x 1 1/8 x 3/64
37-9320	6516W	7/16 x 1 1/8 x 1/8
37-9284	6521W	7/16 x 1 1/8 x 3/32
37-9285	6522HB	7/16 x 1 1/8 x 5/32
37-9286	6524W	7/16 x 1 1/8 x 1/32

37-0010	6543	31/64 x 3/4 x 1/64
Washers Continued		
37-0011	6565W	1/2 x 3/4 x 3/32
37-9305	6645	31/64 x 1/32 x 1/8
37-1951	6911A	1/2 x 1 1/8 x 3/32, Parkerized
37-1952	6590HW	1/2 x 1 1/8 x 3/32, Zinc
37-9291	6653A	5/8 x 1 5/16 x 3/32
37-9292	6655	5/8 x 1 1/2 x 3/32
37-9308	6663HB	9/16 x 1 1/8 x 3/32
37-0696	6701	3/8 x 13/16 x 1/16
37-9287	6702	5/16 x 11/16 x 1/16
37-0697	6703	1/4 x 5/8 x 1/16
37-9351	6716	#10 x 1/2 x 3/64
54-0437	6724W	21/32 x 1 1/16 x 1/16
37-9135	6736	9/32 x 5/8 x 1/16
12-1157	6737	57/64 x 13/64 x 1/32
37-9288	6738	17/32 x 7/8 x 7/64
37-9344	6758	3/8 x 37/64 x 1/16
37-9342	6759	3/16 x 3/8 x 1/32
37-9323	6771A	21/64 x 33/64 x 1/16
37-9361	6780	11/16 x 29/32 x 1/16
37-0791	6788	5/16 x 1 x 1/16 SS
37-9353	6804	1/2 x 1 1/8 x 1/16
37-0857	6807W	1/2 x 3/4 x 1/32
37-9325	6846	29/64 x .355 x 1/16
37-0814	7400HB	3/8 x 13/16 x 7/64
Nuts		
37-0700	10-24 N.C. Flexloc Nut	
37-0436	10-24 Hex Nut	
37-0701	1/4"-28 N.F. Thread Acorn Nut, Chrome	
37-0702	1/4"-20 N.C. x 1/4" x 1/2" Hex Nut	
37-0703	1/4"-24 N.S. x 5/32" x 7/16" Hex Nut	
37-0704	1/4"-24 N.S. x 1/4" x 1/2" Hex Nut	
37-0705	5/16"-24 N.F. Thread Flexloc Nut	
37-0706	5/16"-18 N.C. x 17/64" x 1/2" Hex Nut	
37-0707	5/16"-24 N.F. x 17/64" x 1/2" Hex Nut	
37-0829	5/16"-24 N.F. x 17/64" x 1/2" Hex Nut, Cad	
37-0708	5/16"-24 N.F. x 5/16" x 9/16" Hex Nut	
37-0709	3/8"-24 N.F. x 1/4" x 9/16" Hex Nut	
37-0710	3/8"-24 N.F. x 21/64" x 9/16" Hex Nut	
37-0711	3/8"-24 N.F. x 21/64" x 5/8" Hex Nut	
37-0712	3/8"-24 N.F. x 1/2" x 9/16" Hex Nut	
37-0713	3/8"-24 N.F. x 15/32" x 9/16" Cast'ldt	
37-0714	7/16"-20 N.F. Thread Flexloc Nut	
37-0715	7/16"-20 N.F. x 1/4" x 9/16" Hex Nut	
37-0716	7/16"-20 N.F. x 1/4" x 5/8" Hex Nut	
37-0717	7/16"-20 N.F. x 3/8" x 5/8" Hex Nut	
37-0718	7/16"-20 N.F. x 3/8" x 5/8" Hex Nut	
37-0719	7/16"-20 N.F. x 1/2" x 5/8" Hex Nut	
37-0720	7/16"-20 N.F. x 3/8" x 3/4" Hex Nut	
37-0721	7/16"-20 N.F. x 7/16" x 3/4" Hex Nut	
37-0862	7/16"-20 N.F. (7859) Hex Nut	
37-0871	7/16"-20 N.F. (7859) Hex Nut, Chrome	
37-0722	7/16"-18V x 1/4" x 1 1/16" Hex Nut	
37-0723	1/2"-20 N.C. x 3/8" x 3/4" Hex Nut	
37-0724	1/2"-20 N.F. x 5/16" x 13/16" Hex Nut	
37-0725	1/2"-20 N.F. x 7/32" x 7/8" Hex Nut	
37-0726	1/2"-20 N.F. x 7/16" x 7/8" Hex Nut	
37-0727	1/2"-20 N.F. x 17/32" x 7/8" Hex Nut	
37-0728	9/16"-18 N.F. x 11/32" x 15/16" Hex Nut	
37-0729	9/16"-18 N.F. x 1/2" x 15/16" Hex Nut	
37-0730	5/8"-18 N.F. x 7/32" x 15/16" Hex Nut	
37-0731	5/8"-18 N.F. x 7/16" x 7/8" Hex Nut	
37-0732	5/8"-24 N.E.F. x 7/32" x 7/8" Hex Nut	
37-0733	1"-20 N.E.F. x 3/8" x 1 3/16" Hex Nut	
37-0734	5/16"-24 N.F. x 17/64" x 7/16" Hex Nut	
37-0735	5/16"-24 N.F. x 3/16" x 1/2" Hex Nut	
Washers		
37-0737	3/16" x 7/16" x 1/32" Plain Steel Washer	
37-0738	1/4" x 5/8" x 1/16" Plain Steel Washer	
37-0740	5/16" x 1/2" x 1/16" Plain Steel Washer	
37-0741	5/16" x 11/16" x 1/16" Plain Steel Washer	
37-0742	25/64" x 1" x 1/8" Plain Steel Washer	
37-0743	3/8" x 13/16" x 1/16" Plain Steel Washer	
37-0744	7/16" x 15/16" x 1/8" Plain Steel Washer	
37-0745	29/64" x 1 1/8" x 3/32" Plain Steel Washer	



Parkerized finish unless noted otherwise.

COLONY

37-0746	8-32 N.C. x 5/8" Round Head Screw
Screws	
37-0739	8-32 N.C. x 3/8" Fillister Head Screw
37-0736	8-32 N.C. x 1/4" Round Head Screw
37-0750	10-24 N.C. x 1/2" Fillister Head Screw
37-0751	10-32 N.F. x 1/4" Round Head Screw
37-0752	10-32 N.F. x 3/8" Fillister Head Screw
37-0753	10-32 N.F. x 1/2" Fillister Head Screw
37-0851	10-32 N.F. x 1/2" Flathead Screw, SS
12-0583	10-32 N.F. x 5/8" Fillister
37-0754	1/4" x 1/2" Ext. Tth Shake Proof Washer
37-0755	1/4" x 15/32" Cntrsnsk Shke Prf Wshr, Prk.
37-0756	10-32 N.F. x 5/8" Fillister Head Screw
37-0757	5/16" x 5/8" Cntrsnsk Shake Proof Lockwasher, Prk
12-0583	10-32 N.F. x 5/8" Fillister Head Screw, Zinc
37-0758	12-24 N.C. x 1/2" Fillister Head Screw
37-0759	12-24 N.C. x 13/16" Oval Countersunk
37-0760	12-24 N.C. x 1/2" Oval Countersunk
37-0761	1/4"-24 N.C. x 7/16" Round Head Screw
37-0762	1/4"-24 N.S. x 1/2" Round Head Screw
37-0763	1/4"-24 N.S. x 5/8" Round Head Screw
37-0764	1/4"-24 N.S. x 5/8" Round Head Screw, Chrome
37-0834	1/4"-24 N.S. x 5/8" Round Head Screw, Cadmium
37-0765	1/4"-24 N.S. x 3/4" Hexagon Head Bolt
37-0766	1/4"-24 N.S. x 1 1/8" Oval Countersunk
37-0767	1/4"-24 N.S. x 13/16" Oval Countersunk
37-0768	5/16"-24 N.F. x 3/4" Hexagon Head Bolt
37-0769	5/16"-24 N.F. x 7/8" Hexagon Head Bolt
37-0770	5/16"-24 N.F. x 1" Hexagon Head Bolt
37-0771	5/16"-24 N.F. x 1 1/8" Hexagon Head Bolt
37-0772	5/16"-24 N.S. x 1 1/4" Hexagon Head Bolt
37-0773	3/8"-24 N.C. x 13/16" Hexagon Head Bolt
37-0774	3/8"-16 N.C. x 1 3/8" Hexagon Head Bolt
37-0775	3/8"-24 N.F. x 1 3/8" Hexagon Head Bolt
37-0776	3/8"-24 N.F. x 1 1/8" Hexagon Head Bolt
Flatwashers & Lockwashers	
37-0777	1/4" Parkerized Flatwashers
37-0778	1/4" Parkerized Lockwashers
37-0779	#10 Parkerized Flatwashers
37-0780	#10 Parkerized Lockwashers
37-0781	#12 Parkerized Flatwashers
37-0782	#12 Parkerized Lockwashers
37-0783	3/8" Parkerized Flatwashers
37-0784	3/8" Parkerized Lockwashers
37-0785	5/16" Parkerized Flatwashers
37-0786	5/16" Parkerized Lockwashers
37-0828	5/16" Cadmium Lockwashers
37-0787	7/16" Parkerized Flatwashers
37-0788	7/16" Parkerized Lockwashers
37-0789	#8 Parkerized Flatwashers
37-0790	#8 Parkerized Lockwashers
Cotter Pin	
37-0747	1/16" x 1/2" Cotter Pin
37-0748	3/32" x 5/8" Cotter Pin
37-0749	3/32" x 1" Cotter Pin