



Lapping Tools

LAPPING TOOLS BY
EASTERN
MOTORCYCLE PARTS



Rod Lapping Tool includes arbor assembly 1.500 lap for 45", Indian, and some

case races, 1.625 lap for Big Twin, Sportster and 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"



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



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



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

VT No. 16-0029



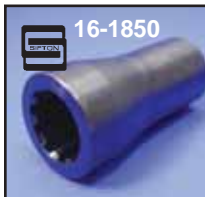
16-0147



16-1838

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



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

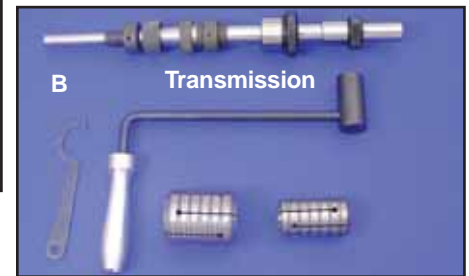
VT No. 16-0668



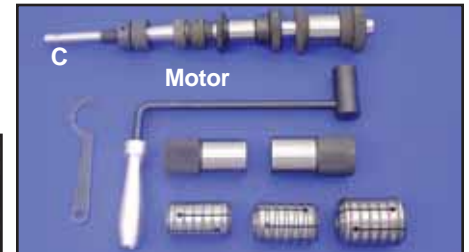
1930-54 BT Flywheel End Play Gauge.
VT No. 16-0131



A Combo



B Transmission



C Motor

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 XL	1936-77 1952-83
16-0039	A	Combo	C & B	As Above
16-0012	All	Spanner Wrench		



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



Sifton Flywheel Washer Tool will "stake" washers in 1971-up BT.
VT No. 16-1785