

Flywheel Rebuilding

FLYWHEEL REBUILDING 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.

V-Twin Motor Shop Twin Cam Flywheel Remanufacturing Services

Flywheel that are out of round or scissored can be repaired. The new flywheels on the 1999-up Big Twin are pressed together, but no match for our V-Twin Motor Shop. We will press apart and disassemble this style wheel assembly, inspect shafts, and crank pin components. V-Twin Motor Shop will rebuild your Twin Cam flywheel assembly to OEM specification using new bearings, crank pin and solid plugs, then balance and true. We can also weld the pin and plugs, if requested, at the flywheel and crank pin interface, for rigid power. We stock the bearings, cages and oversize crank pins to provide you with the components at hand when your flywheel arrives. We will hone the rods to allow the oversize pin to be fitted as required. Flywheel set will be trued and balanced. The final assembly and press is complete in our dedicated TC-88 flywheel fixture assembly.

We install new hardened crank pin and bearing set into the rebuildable rods. If required, new connecting rods can be installed with customer's authorization. We balance the wheels for the new parts and stock piston weight. We press the flywheel halved back together and true the bearing journals to .001" or less. Truing the bearing journal eliminates engine vibration at cruise speeds.

V-Twin Motor Shop can also install solid crank pin expansion plugs and then tig weld the pin and plugs so flywheels won't flex or scissor. This extra step can help prevent future problems. The rebuilt flywheel is stronger than stock OEM.

For a smoother running engine, high speed balancing is done on a Sunnen Dynamic Balancer. This service will require customer's piston or purchase of new piston kits from V-Twin.

We also offer several other machine shop services. V-Twin Motor Shop can also weld and repair all types of metal and aluminum parts like crank cases, cylinders and heads.

Our newly developed TC-88 Flywheel program allow Twin Cam model flywheels professionally rebuilt in V-Twin Motor Shop.

To Request a work order RA number, or for any questions call:
1-800-833-8946 ext. 6

VT No. Service

- 60-0249** Twin Cam Remanufacturing Service
- 60-0248** TC Remanufacturing with New Connecting Rod Set
- 60-0247** Crank Pin/Plug Welding Service
- 60-0123** High Speed Balancing with a flywheel remanufacturing service



Connecting Rod Set includes crank pin, two solid caps, and bearings. The upper bushing is installed. Wrist pin bushings installed fits for twin cam Big Twin models. Set is crafted with high precision.

VT No. 10-1607



Motor Shop Flywheel

Rebuilding 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 a smoother running engine.



VT No.

Item

- 10-0115** 1929-73 45"
- 10-1110** 1930-36 VL
- 10-0114** 1936-48 74" and 80" Side Valve
- 10-0122** 1970-72 Shovelhead
- 10-0123** 1973-84 Shovelhead
- 10-1104** 1987-89 Evolution, 1340, 1985-86 Shovelhead
- 10-1102** 1990-99 Evolution, 1340, 1985-86 Shovelhead
- 10-0124** 1957-76 XL, XLH
- 10-1100** 1977-80 XL
- 10-1101** 1981-86 XL
- 10-1103** 1987-99 XL
- 10-1120** 2000-up XL
- 10-1111** 1936-39 Knucklehead 61"
- 10-0116** 1940-47 Knucklehead 61"
- 10-1109** 1941-47 Knucklehead 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 and Early Shovelhead
- 60-0123*** Dynamic Balancing for the Above

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



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

