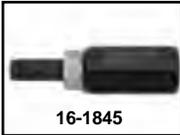




Cylinder



16-1845



16-1846

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

- | | |
|---------------|-----------------|
| VT No. | Item |
| 16-1845 | Assembly Tool |
| 16-1846 | 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 Evolution and 1986-up XL.

VT No. 16-0891



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

VT No. 16-0698



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

VT No. 16-0679

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, pair |
| 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



Jims Rocker Box Alignment Tool Set. Fits 1999-up FXST, FLST, FLT, FXD

VT No. 16-1882



16-1884

Jims Exhaust Pipe Retaining Ring Tool fits 1984-up FXST, FLT, 1986-up FLST, XL.

VT No. 16-1884



Cylinder De-Glazer feature spring action on the stones keep the stones against the cylinder wall at the correct pressure. Capacity 2" to 5½".

VT No. 16-0610



Head Holder Tool by Pingel® has 12 and 14mm ends to hold head through spark plug hole, by support in a vise. **VT No. 16-1842**



Jims Beta Engine Interconnect Seal Leak Testing Tool will check the sealing of interconnect seal 45359-00. This seal is required to seal the oil passage way from right case to the balancer plate in all Beta engines. After you have built the "B" lower end with flywheels, balancer assembly and then before you install the cam support, you will be using this new tool to inspect sealing of the rubber interconnect seal. You should also check this deal when installing a new cam set or any time you have the cam support off. If this new or old rubber interconnect seal is leaking it can cause over oiling of the lower end decreasing horse power from oil drag, and oil carry over (oil coming out the breathers). This taxes the other seals and gaskets and lower end oil pressure. Can also be used to check pressure lost at the balancer tension plate. Tool is easy to use, just screw tool to right case and install leakdown tester. Test time takes about the same as changing a set of spark plugs. Use on all Beta Twin engines 2000-up.

VT No. 16-1859



Clone Speed Wrench allows removal of head bolts on 1936-84 Overhead Valve models, after they are broken loose with wrench.

VT No. 16-0953

Clone Cycle! Original Design by Frank Andrus of New London, Ohio in the mid-1990's.



Jims Beta Engine Hydraulic Balancer Retainer Tool use these retainers to hold the hydraulic tensioners in place when repairing all Beta engines. The hydraulic tensioners are used to keep constant chain tension on the counter balancer system. Without the use of these retaining tools you will not be able to remove or install the balancing system. Use on all Beta Twin Cam engines 2000-up.

VT No. 16-1858