



ESTABLISHED 1967 



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# **ENGINES TRANSMISSIONS & SPECIALTY TOOLS**

FOR USE ON HARLEY-DAVIDSON® MOTORCYCLES

2010 PRODUCT SUPPLEMENT

# NEW PRODUCTS FOR 2010



## JIMS® Race Flow, Air Cleaner Backing Plate Kit Now available in New Chrome Finish! NOW available for stock applications

With the growing popularity of the JIMS Race Flow Breather Kits, JIMS has added new kits to be used on most all H-D, Delphi throttle bodies and most all H-D, CV carburetors. The backing plates are machined out of solid 6061-T6 billet aluminum with built-in spacers (breather mounts).

We added o-ring grooves to eliminate the time consuming shiming and oil leaks found in other backing plates. By just bolting on the supplied air filter, gaskets, o-rings and hardware you get a built in crankcase head breather system that helps control oil carry over, while also giving you an advanced, race flow air breather ported system. The Race Flow Breather Kit is now shipped in Dealer Purchase Packaging for added sales exposure. Contact your JIMS sales representative for a detailed list of part numbers and applications, or visit [www.jimsusa.com](http://www.jimsusa.com).



## 53mm Ellipse (Bigger isn't always better?)

JIMS announces the new smallest member of our Ellipse throttle bodies - the 53mm. This decreased size lends itself to low RPM, high torque engines when used in big inch applications. JIMS Ellipse Throttle Bodies have outstanding performance when installed on all EFI 06-09 throttle cable style motorcycles. They are compatible with all O.E.M. electrical components (MAP, Fuel Rail, Injectors, etc.). Use on high performance engines 95" and larger. Throttle Body and Manifold are sold

separately due to options on cylinder height. Throttle Bodies are available with or without electronic components.

No. **5209** - 53mm Throttle body with electronics (manifold sold separately).

No. **5210** - 53mm Throttle body without electronics (manifold sold separately).



## JIMS "A CUT ABOVE™" Billet Saddlebag Latch Covers - NEW Custom Machined Engraving!



JIMS has recently added a new custom engraving option for all JIMS ACA Saddlebag Latch Covers. JIMS offers custom billet saddlebag latch covers with 15 letter custom engraving, giving your bagger a custom look and personal touch! All ACA latch covers are available in polish, chrome, or black anodized finish – and ALL can be custom engraved. Machined from premium grade 6061-T6 aluminum, these covers will easily bolt to original OEM latch mechanisms on 1993 to present touring models.

No. **6037** for Chrome, No. **6036** for Polish, No. **6035** for Black.

Dealer programs are available to order custom engraved latches directly from JIMS.

Chrome Engraved Latches are engraved via standard chrome exchange method.

## Powerglide™ II Tappet - Now available in .005" Oversize!

As most of you know, JIMS is doing all we can to help keep your bikes on the road and this new +.005" over size tappet is yet another example. Precision machined to save an engine case that needs a larger +.005" outside diameter tappet. This tappet is the same high performance Powerglide™ II tappet we have all come to rely on.

No. **1810** - Use on all Twin Cams 1999 to present, also Sportster and Buell 2000 to present, over size diameter is .8470"

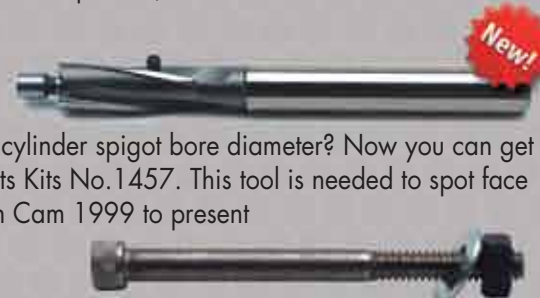


## JIMS Top Center Case Bolt Spot Facer Tool

Added insurance when building a big bore Twin Cam engine. You have seen the center right case bolt thread that has become compromised from the larger cylinder spigot bore diameter? Now you can get back all the necessary case bolt retention by installing one of JIMS Through Bolts Kits No. 1457. This tool is needed to spot face the right case so the bolt head will seat flat on the case surface. Use on all Twin Cam 1999 to present

No. **1458** - Case Bolt Spot Facer Tool

No. **1457** - Center Through Bolt Kit



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## Exhaust Gasket (Seal) Installer Tool

No longer do you need to fight trying to install this fragile exhaust seal. You'll never worry about an exhaust leak again. Tool can be used with exhaust flange nuts, or JIMS® handle No. 33416-80 sold separately. Either way will position the seal evenly into the exhaust port of head.

No. **788** - Use on all 1984 to present EVO Big Twins, XL, and all Twin Cam models.

## Oxygen (O2) Sensor Wrench

This tool is a must for removing and installing H-D's new 4 wire heated Oxygen Sensors. The new fragile O2 sensor must be torqued to 14 ft-lbs, lending to the design of this tool to be used with a 3/8" drive torque wrench.

No. **784** - Use on 2010 FLH, Touring Models



## Flywheel Runout (Trueness) Inspection Gauge

Check flywheel runout of the pinion shaft while assembled in engine case. Also check the amount of gear lash on gear driven cams used in some twin cam engines. By using a JIMS tire rotator No. 936 you can remove most all of the stress being applied to the flywheel by not rotating the engine with the electric starter motor.

No. **785** - Use on 1970 to present Big Twin, Shovels, EVO and Twin



## VO Scope

Through modern technology you now have the ability to look inside most any hole that is .005" less than .25". Check the cylinder through the spark plug hole, valves and valve seats, see if oil is running down the valve stem, etc... This is a live remote video with the following features: High resolution auto focus, color camera, 2 1/2" full color viewing monitor. Equipped with a sealed, fluid proof, flexible, 24" long 6mm diameter shaft, high output LED illumination with dimming control, a mirror used to see 90 degrees and a magnet for picking up steel parts weighing less than 1/4 lb.

No. **783** - VO Scope

## Pushrod Cover Clip Installing and Remover Tool



First thought... why would I need this tool, when I've been installing and removing pushrod covers for years with just a screw driver? Made from black delrin, this tool will NOT marr or slip - and will install the clip professionally with just one hand in seconds! It's a luxury tool that you will appreciate for years to come.

No. **917** - Use on all V-Twins that use pushrod clips.

## Dual Gauge Leakdown Tester

Includes a 12mm and a 10mm (for our Metric friends) adapter. The hose assembly has both 14mm and 18mm spark plug threads. The tool is easy to use and will troubleshoot cylinder leakdown issues such as valve seat issues, bad rings, bad head gasket, etc.

No. **782** - Use on all models. (Note: Includes Twin Cam and aftermarket motors)



## JIMS Head Holder Adapters for 7mm Valve Guides

The JIMS head holder tool makes pressing valve guides in and out simple. These adapters are required to update JIMS earlier tool No.2240 for 7mm Valve Guides.

**2240-19** - 7mm Assembly Pilot

**2240-11-4** - 7mm Insert



## Piston Ring Compressor

JIMS is now offering a ring compressor set for 50cc bikes using 1.875" (22mm) to larger bikes 2.875" (73mm) piston sizes. For sizes larger use JIMS No.1236.

No. **910** - Use on piston diameter sizes from 1.875" (22mm) to 2.875" (73mm).



## Tire Air Pressure Gauge

The only thing between you and the road is your tires. The JIMS new rubber coated gauge, will give you accurate air pressure for any standard tire. Records pressure until release button is engaged.

No. **781** - Tire air pressure gauge

## Angled Feeler Gauge

This new innovative feeler gauge holder eliminates the need to use bulky multi feeler gauge tools while performing valve adjustments. This tool is ideal for reaching down into small tight areas and incorporates an angle to help reach around corners, often necessary for adjusting valves. Tool includes two handles with: .002", .003", .004", .005", .006" and .008" inserts.

No. **908** - Feeler Gauge Kit



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## New JIMS® Complete Transmission Rebuild Kits

If you've ever used any of JIMS rebuild kits in the past, then you know the convenience, and time saved by ordering just one part number that comes with all the necessary gaskets, seals, locks and bearings you will need to completely rebuild a transmission all at one time. One part number, one price and you're done.

### Cruise Drive (Late 6 speed Trans)

No. **1056** - Use on 2007 to present FLH

No. **1067** - Use on 2006 to present FXD

No. **1068** - Use on 2007 to present FXST

### Screamin' Eagle 6 Speed Trans

No. **1060** - Use on 1990 to 2006 FLH

No. **1061** - Use on 1991 to 2005 FXD

No. **1062** - Use on 1990 to 2006 FXST



## JIMS Transmission Repair and Replace Service

JIMS Now offers a transmission rebuild service for Harley-Davidson® and aftermarket transmissions. This ranges from your old 5-Speed, all the way through the new Cruise Drive! - We all know times are tough. For some that means keeping your "older" motorcycle running good instead of upgrading to a new bike. You can now send your old, tired transmission into JIMS for a complete overhaul. JIMS will completely disassemble your transmission, inspect all wear surfaces and replace all bearings, seals, and \*worn parts that are out of service wear limits. This expertise is now available as an affordable option by industry professionals. For more information, please contact JIMS.

*\*If new gears or shafts are deemed necessary, additional charges may apply.*



### Cruise Drive (Late 6 Speed Trans) Main Case Seal Installer

HD's new 6-speed transmission is a very stout piece of engineering, incorporating some of the best bearings made. These main case bearings are of such high precision that you must be very gentle when working in or around them. For this reason, JIMS has developed a driver style seal installer (not a pushing or pulling type, which could damage these bearings). This new tool installs the main seal to the correct depth, without applying any stress to the new precision bearings, or new seals.

No. **786** - Use on all 6 Speed Cruise Drive 2006 to present



### Late TWIN CAM Trans Pulley Lock Tool

Use to lock the transmission pulley when removing the lock nut with JIMS Tool No. 989 Lock Nut Socket Wrench Tool. Pulley Lock tool also eliminates any damage to pulley when removing it from trans.

No. **2264** - Use on 6 Speed Cruise Drive 2006 to present



### Primary Bearing Upgrade

Thinking of running an open primary system, or looking for added durability in your high output engine? JIMS now has a new double row ball bearing with seal and retaining ring kit. Remove stock primary bearing with JIMS Tool No. 967 and remove bearing race from main shaft with JIMS Tool No. 34902-84. Use on 1990 to 2006 FLH and FXST, Use on 1990 to 2005 Dyna models and any 5 Speed that uses HD bearing No.9135.

No. **8960** - Bearing Upgrade Kit

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