



Brian Dillender of Ultima R&D puts some miles on his project bike having a stock '99 H-D® 80 C.I. and got his motor runnin' thru the **Ultima Rebuild Program**.



Check out the transformation of this engine on the next page ...





Turn your tired tarnished V-Twin from an "Ugly Pig" into a "Suave Swine" with the Ultima® ReBuild Program.



This 1999 Harley-Davidson® 80 C.I. Engine was a cast (natural finish) cleaned up, painted black and received a set of Ultima® Chrome Rocker Boxes and Chrome Cam Cover, Tappet Blocks & Push Rod Covers from Midwest Motorcycle Supply yielding a budget make-over that looks sharp and runs great.





**All Ultima motors will be upgraded to the latest production specifications including but not limited to:**

- BeeHive valve springs.
- Ultima High Output oil pump.
- Heavy duty Hylift Johnson lifters.
- Tapered Chromoly pushrods when applicable.
- Mahle forged pistons when applicable.

**Standard services performed :**

- All bearings, bushings & hardware will be replaced as necessary.
- New pistons, gaskets & seals.
- 5 piece crankshaft assemblies will be rebuilt & trued as necessary.
- 3 Piece crankshaft assemblies will be rebuilt as needed or replaced at additional cost.
- Cylinders will be Diamond honed to the appropriate size for your new pistons & rings.
- Oil pumps will be rebuilt or replaced as necessary.

All rebuilt motors carry a 6 month 6,000 mile guarantee on parts & labor.

**Things you should know & do before sending your motor:**

1. Contact your Midwest Sales Rep or Ultima's ENGINE WARRANTY at [tech@midwestmc.net](mailto:tech@midwestmc.net) to schedule an agreed upon work order & pick up date. (this email address is for ENGINE WARRANTY ONLY!)
2. You must drain all of the oil from the crankcase.
3. You must remove your oil filter & filter mount.
4. You must remove the charging system & any related spacers.
5. You must remove your carburetor & leave the manifold installed.
6. Your ignition module must be installed.
7. Most importantly you must pack your motor for shipping in a manner so that it will not be damaged in transit. If you do not have a box or crate one can be purchased from Midwest MC Supply.
8. Once the engine has been checked in & the dealer has been notified by Ultima the Typical rebuild time is 2 to 3 weeks.
9. Your motor will be pre-run with oil pressure logged & verified before returning to dealer.
10. Shipping to Ultima will be paid by the dealer/customer.
11. Ultima will pack & ship the engine back free of charge inside the continental U.S.

Ultima utilizes **Oasis Trucking** exclusively for all their engine shipping needs because of their outstanding performance & unsurpassed customer service. Oasis Trucking can be contacted by phone @ 1-888-931-4795 by fax (636) 937-4079 or visit their website @ [www.oasistrucking.com](http://www.oasistrucking.com)

•NOTE: Engines that are catastrophically damaged or have obvious faulty components will not be eligible for a standard engine rebuild. Additional costs will be determined by Ultima & approved by the customer before any work will be performed. This offer is for complete motor rebuilds only.

**Midwest Motorcycle Supply**, Est. in 1971, is one of the world's leading manufacturers and distributors for aftermarket parts and accessories for American made motorcycles. As a manufacturer we have the capability to produce many of the products you are currently purchasing from other distributors . . . at a fraction of the cost! See examples of our product line at [www.ultimaproducts.com](http://www.ultimaproducts.com) We are committed to keeping up to date on industry research and technical data, as well as legislation and sales demographics & statistics for the benefit of our Dealers.

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