



FEULING® CYLINDER STUD/HEAD BOLT INSTALL FOR MILWAUKEE EIGHT



PART #'s: 3007, 3024, 3027

- The strongest studs & bolts available!
- Top engine builders demand quality fasteners! Secure your engine with complete confidence
- Superior in strength and performance to any other cylinder stud head bolt kit on the market, this kit is designed to exceed the needs of high performance engines.
- Dont Risk Head Gasket Failure!
- Stock Cylinder studs are designed as a stretch to torque stud with a one time use only lifespan
- Feuling® studs are installed to a torque spec can be reused and carry a lifetime warranty
- Heat-treated 8740 chrome moly studs
- Precision j-form threads for optimum engagement, to prevent galling and promote more consistent torque loading.
- Special alloyed stainless steel head bolts
- Manufactured by ARP® to Feulings® exact specifications
- Recommended for all V-Twin engines
- Stock replacement
- Kit includes 8 cylinder studs, 8 head bolts, moly assembly lubricant and thread sealant
- Made in the U.S.A.

MILWAUKEE EIGHT CYLINDER STUDS AND HEAD BOLTS - FINAL TORQUE 45 FT. LBS.

7/16-14 X 6.250 STUDS W/DOWEL RING - CHROME MOLY, QTY. 8
STAINLESS 12 POINT HEAD BOLTS UHL 3.125, 7/16-14, QTY. 8

IMPORTANT NOTICE

This installation should be done by an experienced mechanic who has access to a factory service manual and all required tools

CAUTION

Incorrect installation can cause engine damage not covered under warranty. Failure to install components correctly can cause engine seizure. Engine seizure may result in serious injury to motorcycle, operator, passenger, and/or others.

CAUTION

Improperly torqued cylinder studs and head bolts may result in cylinder stud failure, gasket leaks, case damage, distortion of the cylinder and or cylinder head. NOTE: Always use new head & base gaskets.

- 1 Refer to the proper service manual for your model motorcycle engine.
- 2 Wash, clean and inspect all new Feuling hardware
- 3 Clean and inspect case holes
- 4 Clean gasket surfaces and use new head and base gaskets

5 Apply the supplied Loctite sealant 545 to the collar/ case side threads

6 Install studs into case with collar side down

7 Thread Qty. 2, 7/16-14 nuts onto cylinder stud, jam together and use to torque studs into case, alternately tighten each stud stepping the torque to 5 Ft. Lbs then final torque at 15 Ft. Lbs

8 Lightly coat the top threads of the cylinder stud, inside threads of the head bolts and underhead flange of the head bolts using the supplied ARP Fastener moly lube.

9 Install the head bolts, alternately hand tighten each head bolt and using the alternating sequence described in your service manual torques head bolts in steps: 10 Ft. Lbs, 20 Ft. Lbs, 25 Ft. Lbs, 30 Ft. Lbs, 35 Ft. Lbs with final torque at 45 Ft. Lbs.

10 WAIT 10 - 15 MINUTES THEN RE-CHECK FINAL TORQUE OF 45 FT. LBS ON HEAD BOLTS.

IMPORTANT NOTICE:

Damage to Feuling oil pump corporation products from excessive pinion shaft run out and or valve spring coil bind will void manufacturer's warranty.

WARRANTY:

All parts are guaranteed to the original purchaser to be free of manufacturing defects in materials and workmanship for a period of twelve (12) months from the date of purchase. Merchandise that fails to conform to these conditions will be repaired or replaced at FOP's option if the parts are returned to FOP by the purchaser within the (12) month warranty period. In the event warranty service is required, the original purchaser must notify FOP of the problem immediately. Some problems may be rectified by a telephone call and need no further action. A part that is suspect of being defective must not be replaced without prior authorization from FOP. If it is deemed necessary for FOP to make an evaluation to determine whether the part was defective, it must be packaged properly to avoid further damage, and be returned prepaid to FOP with a copy of the original invoice of purchase and a detailed letter outlining the nature of the problem, how the part was used and the circumstances at the time of failure. After an evaluation has been made by FOP and the part was found to be defective, repair, replacement or refund will be granted.

ADDITIONAL WARRANTY PROVISIONS:

FOP shall have no obligation in the event an FOP part is modified by any other person or organization, or if another manufacturer's part is substituted for one provided by FOP. FOP shall have no obligation if an FOP part becomes defective in whole or in part as a result of improper installation, improper break-in or maintenance, improper use, abnormal operation, or any other misuse or mistreatment. FOP shall not be liable for any consequential or incidental damages resulting from the failure of an FOP part, the breach of any warranties, the failure to deliver, delay in delivery, delivery in non-conforming condition, or any other breach of contract or duty between FOP and the customer.

The installation of parts may void or otherwise adversely affect your factory warranty. In addition, such installation and use may violate certain federal, state and local laws, rules and ordinances as well as other laws when used on motor vehicles operated on public highways, especially in states where pollution laws may apply. Always check with federal, state, and local laws before modifying your motorcycle. It is the sole and exclusive responsibility of the user to determine the suitability of the product for his/her use, and the user shall assume all legal, personal injury risk and liability and all other obligations, duties and risks associated therewith. Our high performance parts, engines and motorcycles are intended for experienced riders only.

Feuling Oil Pump Corporation reserves the right to change prices and/or discounts without notice and to bill at the prevailing prices at the time of shipments.

The words Harley®, Harley-Davidson® and H-D® and all H-D® part numbers and model designations are used in reference only. Feuling Oil Pump Corporation is in no way associated with, or authorized by Harley-Davidson Motor Co®. to manufacture and sell any of the engine parts described in this instruction sheet.