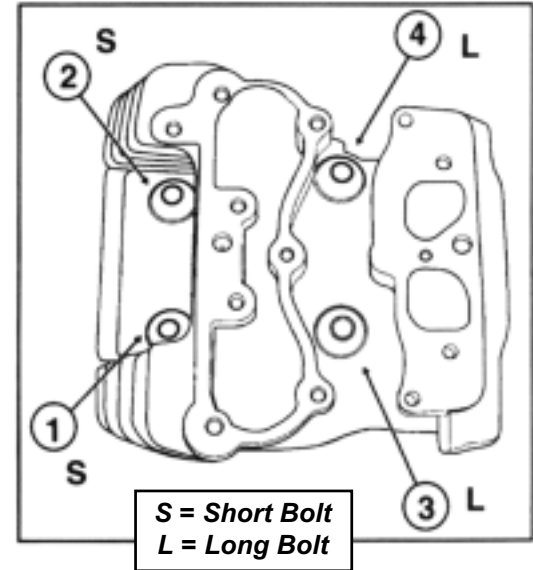


MLS Head Gasket Instructions for Harley-Davidson® applications

NOTE: Do not use the cylinder head alignment dowel O-ring when using an MLS gasket.

1. Check all gasket surfaces for flatness and imperfections (an excessively rough finish may cause gasket failure).
2. Check all hardware for defects. Clean all threads and lubricate with light machine oil. Including the underside flange of the head bolts. (Wipe away any excess.)
3. There are two short and two long head bolts. The short ones go on the spark plug side, while the long ones go on the push-rod side.
4. Before installing the head, place the head gasket on the cylinder and locate the gasket using the cylinder head alignment dowels. **(NOTE: The gasket is embossed around the dowel area and the dowel holes are smaller. Do not use dowel alignment O-rings with an MLS gasket.)**
5. Once the gasket is located in place, make sure the gasket fits your bore. The gasket should not hang in the bore or combustion chamber in any area.
6. If using a head or cylinder other than stock, check the brass rivet locations to ensure the rivets do not interfere with the sealing surface in any way. Some aftermarket castings are substantially larger than stock castings and may interfere with the rivet location.
7. Once proper fitment is established, proceed with head installation - **Torque the bolts using the method outlined in the factory service manual.**



NOTE: Failure to comply with any or all of these instructions may result in premature failure of the head and/or base gasket.

The term "Harley-Davidson®" appears solely for reference and fitment purposes. No affiliation exists between Wiseco Piston Co., Inc. and Harley-Davidson®.

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