



**SPECIALTY PRODUCTS, INC.**

8530 Aaron Lane • Southaven, MS 38671  
(662) 796-7373 • FAX (662) 796-7374

## “ESP” Forged Steel H-Beam Connecting Rod Installation Instructions

Thank you for selecting Eagle Specialty Products Connecting Rods! We strive to maintain the highest quality products and services. To insure optimum service, please read the following instructions thoroughly. If you need any further assistance or have any questions, please contact our technical department at 662-796-7373.

**GENERAL:** Always disassemble & thoroughly clean all rod surfaces. Do not use metal stamps to number rods, felt tip markers or tool makers dye are excellent alternatives.

**FASTENERS:** Rod bolt threads and underside of head of bolt should be lubricated with ARP Moly Assembly lube. Do not use oil or Loctite. Cap should be seated on rod by aligning cap by hand and tapping in place. Alternatively tighten bolts to avoid cocking cap.

**WARNING:** If any other lubricant is used to lubricate the bolt, bolt stretch method must be used due to different viscosity lubricants. Improper bolt torque will cause premature bolt failure.

### TORQUE SPECS:

<u>Bolt</u>	<u>Identification</u>	<u>Torque</u>	<u>Bolt Stretch</u>
7/16" ARP 8740	7/16" bolt head	63 ft. lbs.	.0059" - .0063"
7/16" ARP 2000	7/16" bolt head	75 ft. lbs.	.0064" - .0068"
7/16" ARP L-19	½" bolt head	79 ft. lbs.	.0073" - .0077"
3/8" ARP 2000	7/16" bolt head	43 ft. lbs.	.0055" - .0059"
5/16" ARP 2000	3/8" bolt head	28 ft. lbs.	.0048" - .0052"

To accurately determine the life of a bolt, it is recommended that a log of the bolts original free standing (Un-torqued) length be kept and compared at subsequent teardowns. The free-standing length should be checked against it's original length. If there is an increase in length of .001" or more, or if there is any permanent deformation or galling, the bolt should be replaced.

**CAUTION:** Rod bolts are manufactured from high grade steel and are vulnerable to corrosion. Caution should be taken when handling fasteners to prevent exposing to moisture. Rod bolts should always be lubricated prior to handling or storage.

**CLEARANCES:** Clearances listed are general guides and may vary according to the application.

Rod Bearings - .002" - .003"