



SPECIALTY PRODUCTS, INC.

P.O. BOX 1079 • 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 ensure 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 and thoroughly clean all rod bolt 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 the 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 lightly tapping into place. Alternatively tighten bolts to avoid cocking cap.

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

Torque Specs:

Bolt	Identification	Torque	Bolt Stretch
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	1/2" 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"
5/16" ARP Custom Age 625	3/8" bolt head	32 ft. lbs.	.0062"-.0066"

To accurately determine the life of a bolt, it is recommended that a log of the bolts original free-standing (Untorqued) length should be kept and recorded upon subsequent teardowns for inspection. The free-standing length should be checked against it's original length. If there is an increase 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. Bolts should always be handled by the bolt head. Rod bolts should always be lubricated prior to handling or storage.

spec. 0077-.0138"

Side Chrome

#1 .009"

#2 .009"

#3 .008"

#4 .009"

#5 .009"

#6 .010"

#1 .0035, #3+.001, #5-.001, #2-.002, #4-.001, #6-.002