

INSTALLATION INSTRUCTIONS - ARP CONNECTING ROD BOLTS



Please use the following guidelines to ensure correct connecting rod fastener tension when installing Nitto Connecting Rods into your engine.

FAILURE TO TORQUE FASTENERS CORRECTLY MAY RESULT IN CONNECTING ROD AND/OR ENGINE FAILURE!

PROCEDURE:

Thoroughly clean the mating surfaces between the cap and the body, dowel area and threads for the fasteners. If these areas are not cleaned properly the cap may not seat flat against the body and result in incorrect big end bearing crush and / or cross threading of the fastener threads. Measure the free length of the fastener to retain for later inspection. To seat the cap to the body, finger tighten the two fasteners in stages, one at a time until the cap is guided smoothly over the locating dowels and is seated on the body. Remove one fastener at a time and lube the threaded area of the fastener and the underside of the head with the supplied ARP lube and re-install back into the connecting rod finger tight. Torque the fasteners over two to three increments to the specified torque / stretch value as listed in the table below:

Description (thread size)	Material Type	Under Head Length	Recommended torque value	Recommended stretch value
3/8"	ARP 2000	1.600"	45-50 ft/lbs	0.0045-0.005"
3/8"	ARP CA 625+	1.600"	55-60 ft/lbs	0.005-0.0055
7/16"	ARP 2000	1.600"	75-80 ft/lbs	0.0045-0.005
7/16"	ARP 2000	1.800"	75-80 ft/lbs	0.0055-0.006
7/16"	ARP CA 625+	1.550"	85-90 ft/lbs	0.005-0.0055

If the recommended stretch cannot be achieved using a torque value within the recommended torque range then there is a problem with either the fastener, the threads, the torque wrench or the lube procedure. If the measured free length of the bolt is more than 0.001" of the previously recorded value then the bolt should be replaced or failure may result!