

INSTALLATION METHOD FOR HIGH PERFORMANCE SERIES HEAD BOLT KITS

Part Number: 134-3604 Application: SB Chevy with 23° Pro Action heads

1. **Always verify the part number for your application with the part number on the side of box and the part number on the instruction sheet. This will help ensure you have the correct installation procedure for your specific application before installing any components.**
2. Clean and inspect all hardware prior to installation. Look for obvious defects or shipping damages, plus proper fit, length and dimension.
3. To ensure proper thread engagement and accurate torque readings, clean ALL threads in the block. Chase if necessary with ARP Thread Chaser, part number 911-0004 (7/16-14).
4. Install the cylinder head(s) and check for binding or misalignment.
5. Position the chamfered side of the washer on the bolt so it faces the bolt head. This is done to clear the radius on the under head of the bolt. **Note:** Improper installation of the washer will cause premature bolt failure.
6. If the cylinder head bolts or studs protrude into a water jacket, lubricate the threads of the bolts and the coarse end of the threads on the studs with **ARP THREAD SEALER**.
7. If the cylinder head bolts protrude into a blind hole, lubricate the threads of the bolts with **ARP ULTRA-TORQUE FASTENER ASSEMBLY LUBRICANT**.
8. Lubricate the underhead of the bolts and the bolt washers with ARP ULTRA-TORQUE FASTENER ASSEMBLY LUBRICANT. Then install the bolts into the cylinder head and tighten them hand tight.
9. Screw the studs into the block "HAND TIGHT ONLY". Lubricate the stud threads, nuts and washers with ARP ULTRA-TORQUE FASTENER ASSEMBLY LUBRICANT. Then install the washers and the nuts onto the studs and tighten them hand tight. **ARP recommends using the ARP ULTRA-TORQUE FASTENER ASSEMBLY LUBRICANT that is provided with each kit as opposed to motor oil. This is due to higher friction on the bolts as well as inconsistencies in the clamping force of the fasteners when motor oil or other low quality lubricants are used.**

PRELOAD (TORQUE) RECOMMENDATIONS

10. Following the manufacturers recommended torque sequence tighten the nuts in three equal steps to the following specifications with **ARP ULTRA-TORQUE FASTENER ASSEMBLY LUBRICANT**.

7/16 bolts 70 ft lbs

7/16 X 3/8 studs 55 ft lbs

Note: ARP Ultra-Torque Fastener Assembly Lubricant has been specifically designed to reduce tension preload scatter and eliminate the need to cycle high performance engine fasteners before final installation. ARP Ultra-Torque far surpasses all requirements offered by previous ARP lubricants in terms of fastener preload repeatability and performance lubricating properties. For more information on ARP Ultra-Torque visit our website at www.arp-bolts.com or call 1 800-826-3045.

Bolt Torque Sequence

