

INSTALLATION METHOD FOR MAIN STUD KITS

Part Number: 151-5407 Application: Ford 2.3L EcoBoost MSK

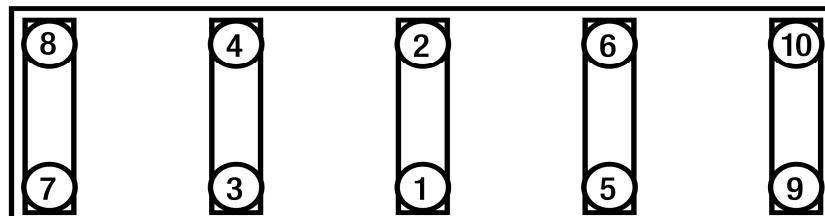
1. Inspect all hardware prior to installation. Look for obvious defects or shipping damages. Please call 800-826-3045 with any questions or issues.
2. To ensure proper thread engagement and accurate torque readings, clean all threads in the block. Chase if necessary with ARP Thread Chaser, part number 912-0002 (M10 X 1.25)
3. Clean the spot faces on the main cap girdle where the washer seats, use of solvent or brake/carb cleaner is recommended.
4. Use a degreaser to remove the rust preventative oil from both sides of the washers.
5. Screw the studs into the block, do not apply torque. The hex broach in the end of the stud is designed to assist with installing/removing the studs from the block, not for applying torque.
6. Place the washers over the studs and on to the **dry, clean spot faces** of the main cap girdle. Place the stamped side of the washer, see figure to the right, down against the girdle. This stamped surface grips the girdle preventing the washer from spinning while the nut is being torqued. The result is accurate and consistent preload.
7. Lubricate the stud threads and bottom of the nuts with ARP Ultra-Torque Fastener Assembly Lubricant. Then install the nuts onto the studs and tighten hand tight.



Torque Procedure

8. Following the manufacturers recommended torque sequence, use a **16mm socket** to torque the nuts per steps 1-3
 - 1- Tighten nuts 1 through 10 to 25 ft-lbs
 - 2- Tighten nuts 1 through 10 to 50 ft-lbs
 - 3- Tighten nuts 1 through 10 to 70 ft-lbs

Torque Sequence



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Front of engine