

# ONTORK

PERFORMANCE TECHNOLOGY

## Ford 6.7L Powerstroke Head Stud Instructions

1. Clean all surfaces and bolt holes. Clean the studs and prepare for installation. Apply lubricant to the coarse side of the studs and bolts. Install gaskets and cylinder heads.

2. Install the studs into the block finger tight do not torque. The shorter studs go in the top most holes around the cylinders 11,13,15,17. Install the upper small bolts do not torque yet.

3. Apply lube to the tops of the studs, nuts, and washers. Install the nuts and washers torque in the following sequence **(in the numbered pattern)**.

- Stage 1 = Tighten stud nuts to 40 Ft-Lbs 1-18
- Stage 2 = Tighten stud nuts to 80 Ft-Lbs 1-18
- Stage 3 = Tighten stud nuts to 130 Ft-Lbs 1-18
- Stage 4 = Tighten top small bolts to 30 Ft-Lbs 19-23

