

Swamp's Diesel Performance

Competition Parts For Your Diesel

304-A Sand Hill Rd.

La Vergne, TN 37086

Tel 615-793-5573 or (866) 595-8724/ Fax 615-793-5572

Email: dave@swampsdiesel.com

WIDE OPEN PERFORMANCE H11 HEAD STUD KIT 7.3L POWER STROKE INSTALLATION INSTRUCTIONS

WITH HEADS OFF:

- 1 - Using a 12mm x 1.75 bottoming tap and WD-40, thoroughly clean holes and threads in the block. Be sure to remove all debris from inside stud holes.

- 2 - Place a drop of motor oil on the coarse threads of each stud. By hand, thread studs into each hole in the block; be sure that chamfered shoulder on the stud bottoms out in the block. If it does not, remove stud and re-tap to clean up threads. Again, making sure to remove all debris in the block. Do NOT torque studs into block, they need to be just finger tight.

- 3 - Place head gasket over the studs and carefully lower head into place over the studs and be sure to seat it flush onto the block.

- 4 - Using a generous coating of ARP Moly Lube or Ultra-Torque Lube on each side of the washer, begin installing washers over studs with the chamfered edge facing up. Before installing nuts, coat bottom side of nut with Moly or

Ultra-Torque lube and a small amount on the fine threads of the studs.

5 - Begin torque sequence at the inner two studs, between the center two cylinders. Working your way out from the center, alternating from one side of the cylinder head to the other, torque all 18 studs to their first torque of 50 ft-lbs.

6 - Begin the second torque sequence again with the inner two studs, torque to 100 ft-lbs. Follow the same stud sequence, alternating from side to side until all 18 studs have been torqued to 100 ft-lbs.

7 - For the final torque sequence, again starting with the inner two studs, torque to a final specification of 135 ft-lbs. Use the same sequence as above, taking all 18 studs to 135 ft-lbs.

8 - One last time, go over all the head studs and check that all have been torqued to their final torque of 135 ft-lbs.