

## 2.8L Liberty CRD 2005-2006 ARP Head Stud Kit

### Contents:

- 18 x ARP200 Head Studs
- 18 x ARP Washers
- 18x 14mm ARP Nuts
- 1x ARP Lube

### Installation Instructions

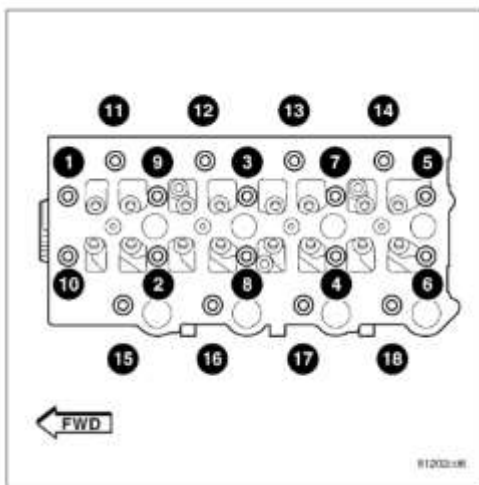
*For in-place head bolt to head stud upgrade (not removing cylinder head).*

One at a time, remove head bolt. Install head stud finger tight then back out 1-2 turns or until there are enough threads to fully seat nut. Lubricate top of stud, top of washer, bottom of nut to limit drag when torqueing. Place washers onto studs. Torque nuts directly to following torque: inside row 130 ft-lbs; outside row 120 ft-lbs.

*For new head gasket installation.*

Install all studs into cylinder block finger tight then back out 2 turns or until there are enough threads to fully seat nut. Place cylinder head on block. Lubricate top of washer, top of the stud and bottom of the nut to limit drag when torqueing. Place washers onto studs.

Follow procedure and bolt sequence for torque. Diagram for bolt number below.



1. Tighten all nuts to 50 ft-lbs. In the following order:

3-2-1-10-9-8-7-6-5-4-11-12-13-14-15-16-17-18

2. Tighten nuts to 80 ft-lbs. In the following order:

Inside First: 10-9-8-7-6-5-4-3-2-1

Then Outside: 11-12-13-14-15-16-17-18

3. Tighten Nuts to 100 fts-lbs. Using the same pattern on step 2.

4. Final torque: follow the same pattern from step 2. Set inside row to 130 ft-lbs and outside row to 120 ft-lbs.