INSTALLATION FOR SUBARU WRX HEAD STUDS

Part number: 718-01219HSK Model Variant: Subaru 2.0L-2.5L DOHC all EJ series

1. Check contents for obvious shipping damages and confirm all parts are contained within the packaging.

2. Ensure the engine block has been cleaned of any debris which could alter thread engagement and torque readings. If thread appears to be damaged, consult your local engine builder for chasing. Ensure the head surface is clean for washer/nut engagement.

3. Ensure the head gasket is correct for the application and apply as per Subaru directions.

4. Screw head studs into block without applying any torque, finger tight only. For permanent fitment of the studs, thread locker can be applied (automotive grade recommended by Subaru) hand tight only. Studs must be torque down before the thread locker agent binds.

5. Clean oil off the cylinder head mating area and both sides of the washer and apply Ryder Racing assembly lube to the thread area of the top of the studs, both sides of the washer and the bottom of the nuts. Placer the washer over the head stud and screw the nut hand tight.

Torque Procedure

6. Follow the following torque procedure from steps (a) through to (c).

    (a) Tighten nuts 1 through to 6   40 Nm

    (b) Tighten nuts 1 through to 6   81 Nm

    (c) Tighten nuts 1 through to 6   122 Nm

Bolt Sequence