

# Version 4 STI Engine Build Sheet

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Closed deck block. ( Oil squirters blocked.)

Arais forged pistons , new rings

Eagle conrods , crack tested and checked for size

Genuine Subaru main and big end bearings

Main tunnel size;60.04mm Journals 59.99mm. Clearance .05mm

Big end tunnels;52.03mm Journals51.98mm. Clearance .05mm

Check clearances and overhaul oil pump

Ring gap ; .014" 1<sup>st</sup> and 2<sup>nd</sup> Comp Rings

Piston heights .008" to.010" below deck surface

New tensioner , idlers , water pump and cam belt fitted

.022" thick head gaskets , 8.5 – 1 compression ratio

Tappets - .06" to .008" intake

.07" to .09" exhaust

Standard cams and cam timing

Heads stripped and overhauled , new valve stem seals fitted

08 oil cooler fitted

PFR 6B spark plugs

Twisted Turbo setup

NOTE ; Turbo and pwr steering pump fitted for demo of brackets and plumbing only