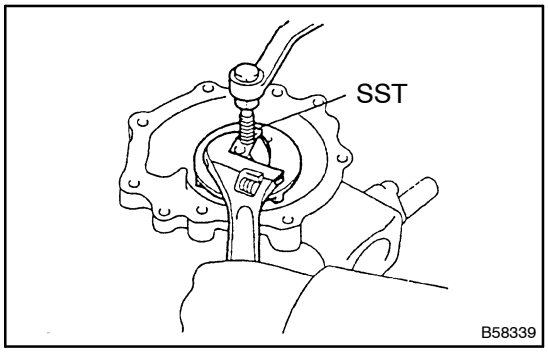
WATER PUMP ASSY

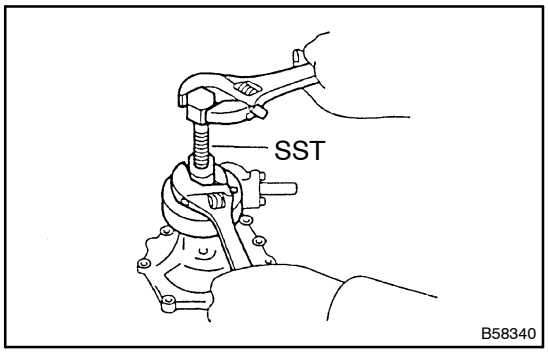
OVERHAUL

160KS–01



1. REMOVE WATER PUMP ROTOR

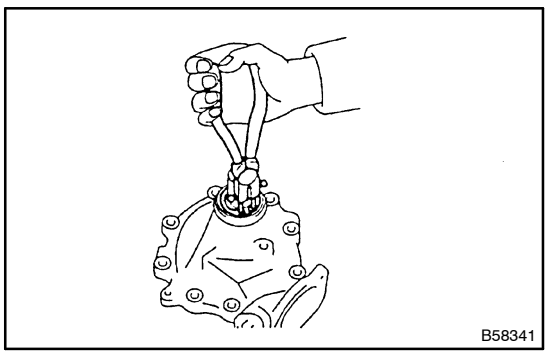
(a) Using SST, remove the rotor.
SST S0942–01820



2. REMOVE WATER PUMP PULLEY SEAT

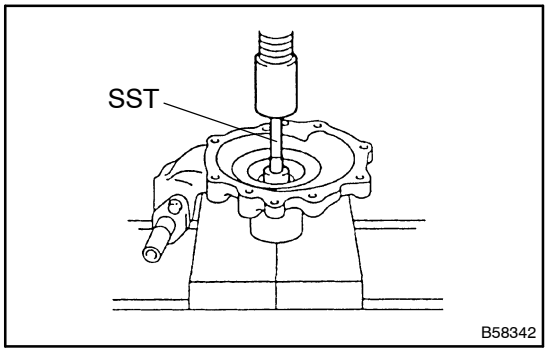
(a) Remove the 4 stud bolts.

(b) Using SST, remove the pulley seat.
SST 09950–50013 (09951–05010, 09952–05010, 09953–05010, 09954–05021)

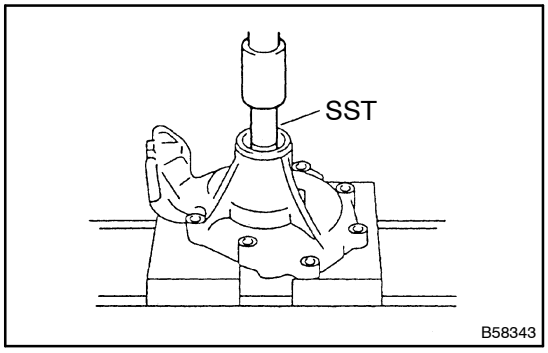


3. REMOVE WATER PUMP BEARING & SHAFT SUB–ASSY

(a) Using snap ring pliers, remove the snap ring.

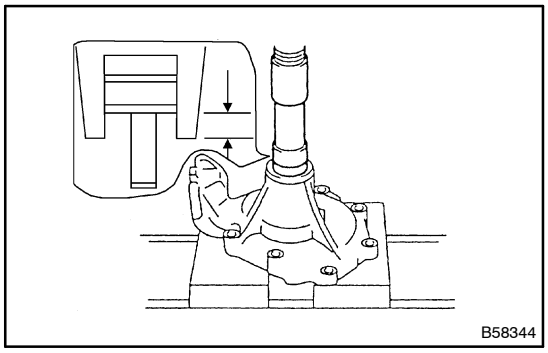


(b) Using SST and a press, press out the bearing and shaft.
SST 09236–00101 (09237–00050)



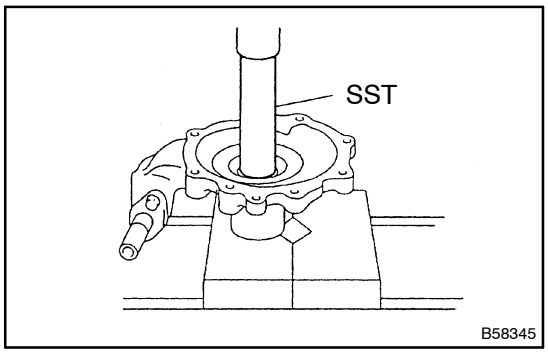
4. REMOVE WATER PUMP SEAL SET

(a) Using SST and a press, press out the seal.
SST 09236–00101 (09236–15010)



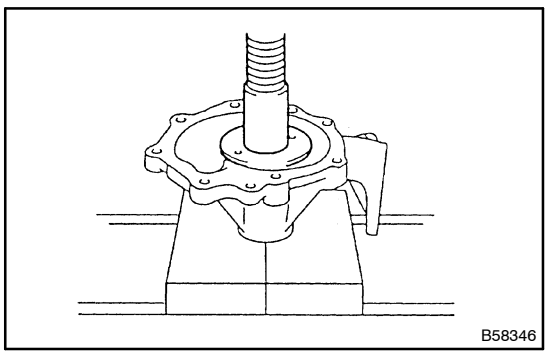
5. INSTALL WATER PUMP BEARING & SHAFT SUB–ASSY

(a) Using a press, press in the bearing and shaft into the place, as shown in the illustration.
SST 09482–2060A
Reference value: 5 mm (0.20 in.)



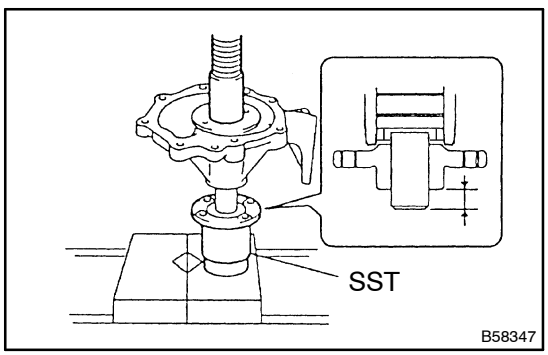
6. INSTALL WATER PUMP SEAL SET

(a) Using SST, install the seal set.
SST 09236–00101 (09237–00020)



7. INSTALL WATER PUMP ROTOR

(a) Using a press, press in the water pump rotor flush against the end of the bearing and shaft.



8. INSTALL WATER PUMP PULLEY SEAT

(a) Using SST and a press, press in the pump pulley set into the place, as shown in the illustration.
SST 09238–47012
Reference value: 6.3 mm (0.25 in.)