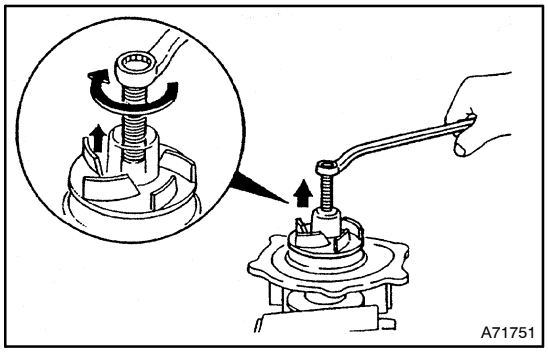
160IQ–01

OVERHAUL

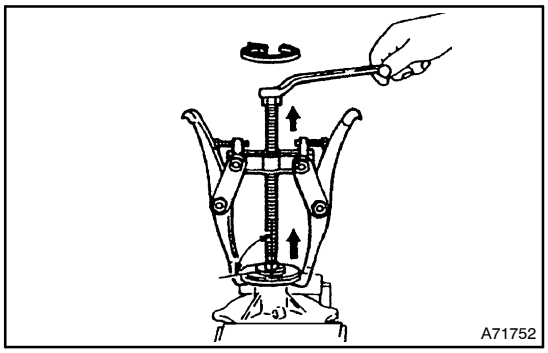


1. REMOVE WATER PUMP ROTOR

(a) Using a bolt, remove the rotor by screwing in a bolt.

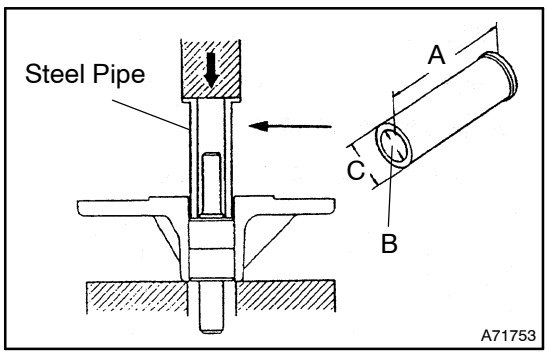
Bolt size:

Thread diameter	10.0 mm (0.394 in.)
Thread pitch	1.5 mm (0.059 in.)



2. REMOVE WATER PUMP PULLEY SEAT

(a) Using a puller, remove the pulley seat.

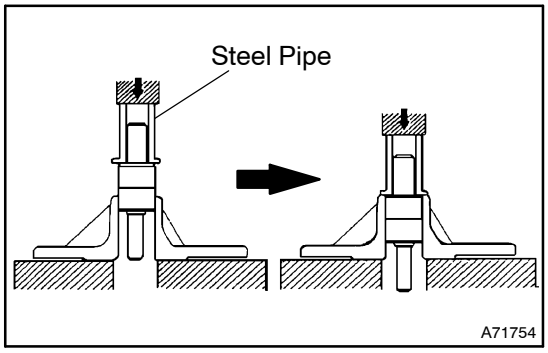


3. REMOVE WATER PUMP BEARING & SHAFT SUB–ASSY

(a) Using a steel pipe and press, press out the bearing & shaft sub–assy.

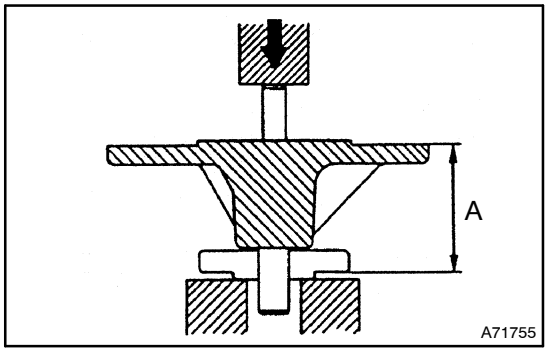
Steel pipe dimension:

Length (A)	More than 57 mm (2.24 in.)
Inside diameter (B)	18 – 21 mm (0.71 – 0.83 in.)
Outside diameter (C)	Less than 29.5 mm (1.161 in.)



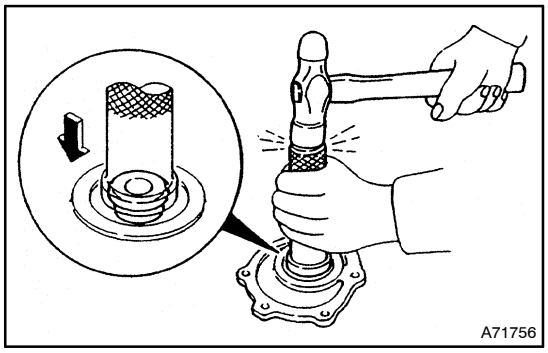
4. INSTALL WATER PUMP BEARING & SHAFT SUB–ASSY

(a) Using a steel pipe and press, press in the bearing & shaft sub–assy.



5. INSTALL WATER PUMP PULLEY SEAT

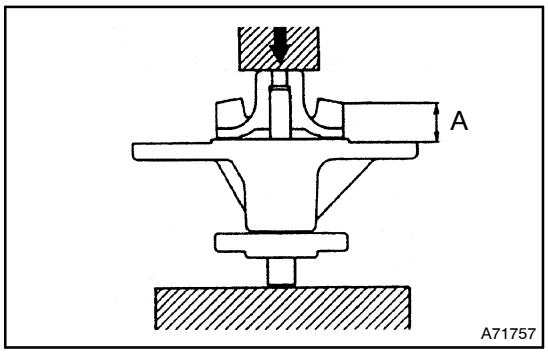
(a) Using a press, press in the pulley seat into place as shown in the illustration.
Dimension (A): 61.5 mm (2.421 in.)



6. INSTALL WATER PUMP SEAL SET

(a) Apply seal packing to a new seal outside circumference and water pump body.
Seal packing: Part No. 08826–00100 or equivalent

(b) Using a hammer, tap in the slinger and seal.



7. INSTALL WATER PUMP ROTOR

(a) Using a press, press in the rotor into place as shown in the illustration.
Dimension (A): 20.7 – 21.0 mm (0.815 – 0.827 in.)

8. INSPECT WATER PUMP ASSY

(a) Check that the rotor rotates smootly