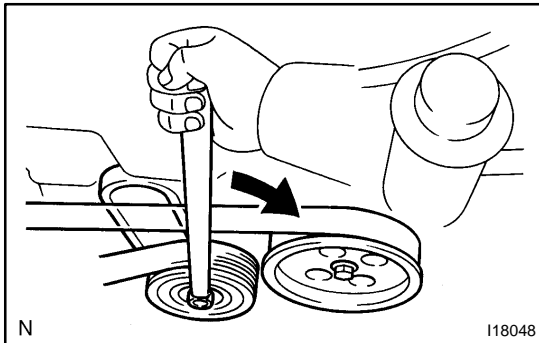


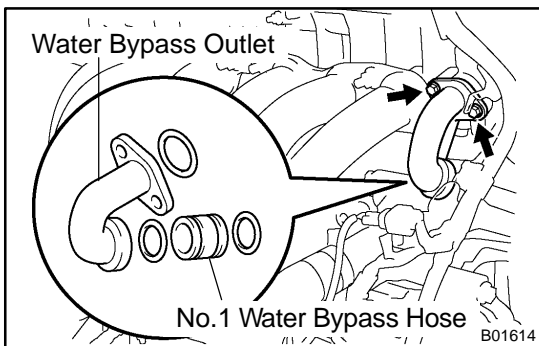
## REMOVAL

1. **REMOVE RADIATOR ASSEMBLY** (See page [CO-19](#))
2. **M/T:**  
**REMOVE DRIVE BELT TENSIONER ABSORBER**

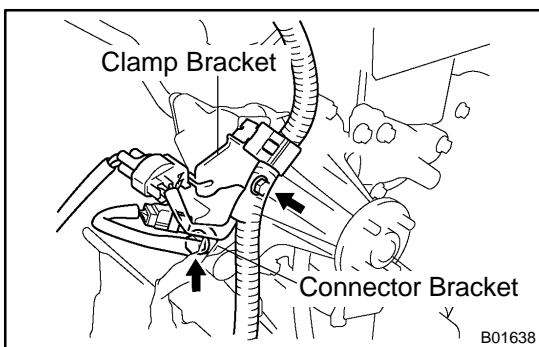
Remove the 2 nuts and absorber.



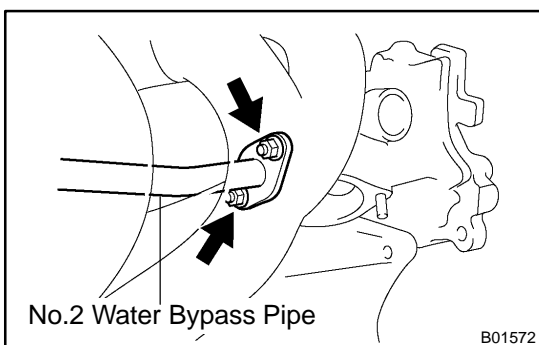
3. **REMOVE DRIVE BELT AND WATER PUMP PULLEY**
  - (a) Loosen the 4 nuts holding the water pump pulley to the water pump.
  - (b) Using SST, loosen the drive belt tension by turning the drive belt tensioner clockwise, and remove the drive belt. SST 09216-00041
  - (c) Remove the 4 nuts and water pump pulley.
4. **REMOVE TIMING BELT AND IDLER PULLEY** (See page [EM-17](#))



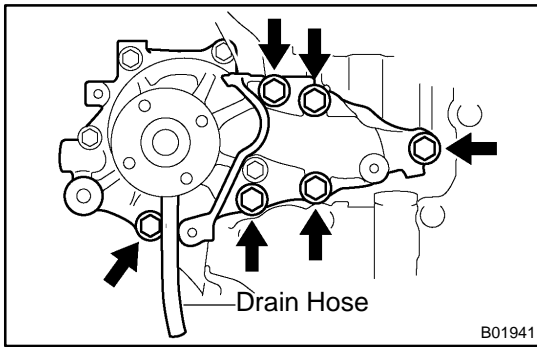
5. **REMOVE WATER BYPASS OUTLET AND NO. 1 WATER BYPASS PIPE**
  - (a) Remove the 2 bolts, water bypass outlet and No. 1 water bypass pipe.
  - (b) Remove the 3 O-rings from the water bypass outlet and No. 1 water bypass pipe.
6. **REMOVE WATER INLET AND THERMOSTAT** (See page [CO-12](#))



7. **REMOVE WATER PUMP**
  - (a) Loosen the nut and remove the bolt, slide the generator away from the water pump.
  - (b) Remove the bolt, and disconnect the clamp bracket (for engine wire).
  - (c) Remove the bolt, and disconnect the connector bracket (for crankshaft position sensor connector).



- (d) Remove the 2 nuts, and disconnect the No. 2 water bypass pipe from the water pump.



- (e) Remove the 6 bolts, water pump and gasket.
- (f) Remove the drain hose.
- (g) Remove the O-ring from the cylinder block.