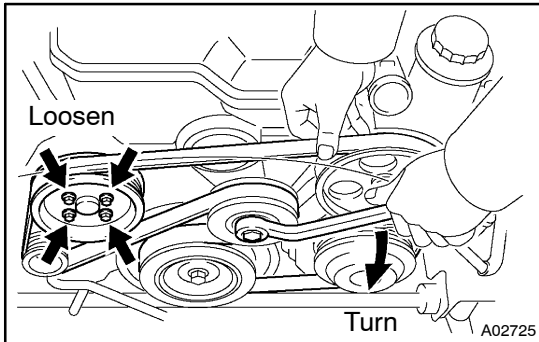
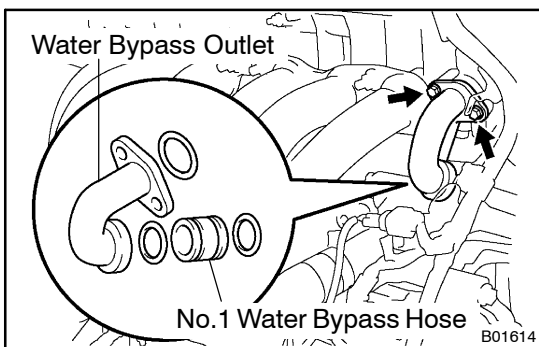


## REMOVAL

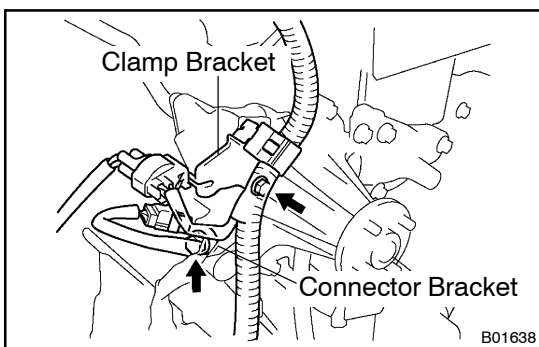
1. REMOVE RADIATOR ASSEMBLY  
(See [page CO-15](#))



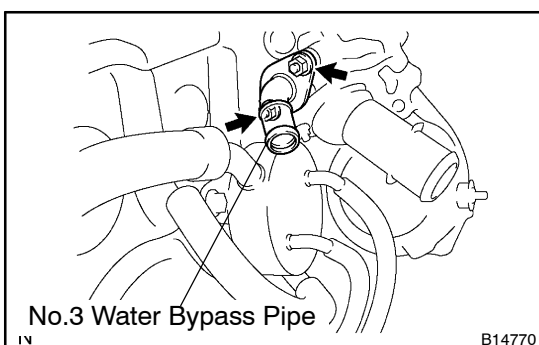
2. REMOVE DRIVE BELT AND WATER PUMP PULLEY
  - (a) At first, loosen the 4 nuts of the water pump pulley.
  - (b) Remove the drive belt.
  - (c) Remove the 4 nuts and water pump pulley.
3. REMOVE TIMING BELT AND IDLER PULLEY  
(See [page EM-17](#))



4. 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.
5. REMOVE WATER INLET AND THERMOSTAT  
(See [page CO-9](#))

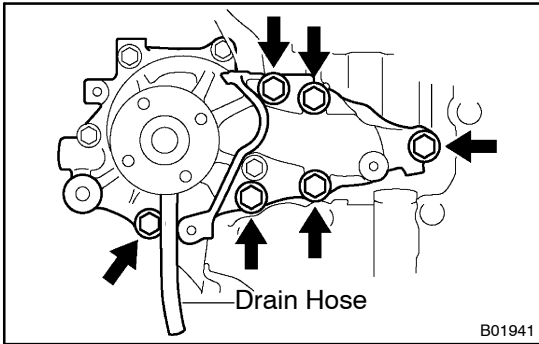


6. REMOVE WATER PUMP
  - (a) Loosen the nut and remove the bolt, slide the generator away from the water pump.
  - (b) Remove the bolt, and disconnect the clamp bracket (for engine wire).
  - (c) Remove the bolt, and disconnect the connector bracket (for crankshaft position sensor connector).



- (d) Disconnect the water bypass hose from the No. 3 water bypass pipe.
- (e) Remove the 2 nuts, gasket and No. 3 water bypass pipe from the water pump.

## COOLING (2JZ-GE) - WATER PUMP



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