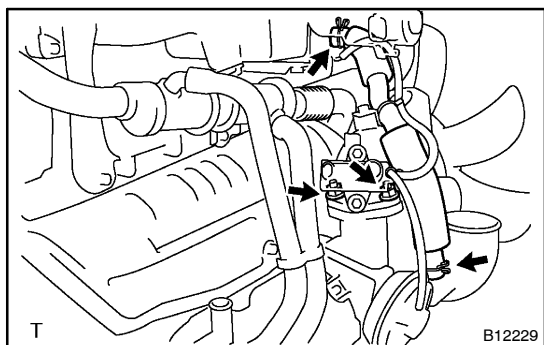
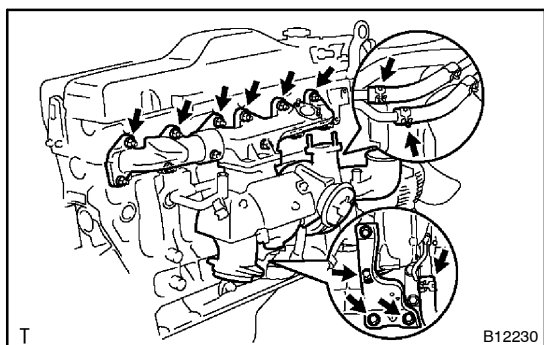


## REMOVAL

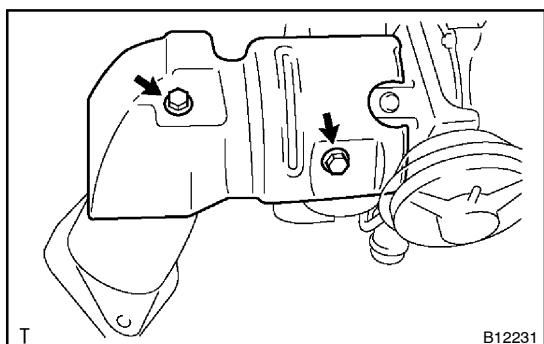
1. **DRAIN ENGINE COOLANT**
2. **REMOVE INTAKE PIPE ASSEMBLY**  
(See page EM-23)
3. **REMOVE EGR W/COOLER PIPE SUB-ASSY**  
(See page EM-23)



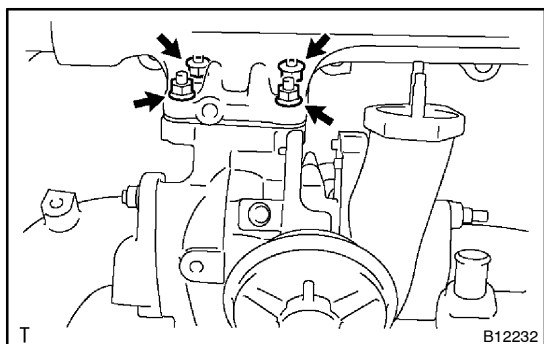
4. **REMOVE PCV HOSE AND COMPRESSOR OUTLET ELBOW**
  - (a) Disconnect the PCV hose.
  - (b) Remove the 2 nuts, compressor outlet elbow and gasket.
5. **REMOVE HEAT INSULATOR** (See page EM-23)



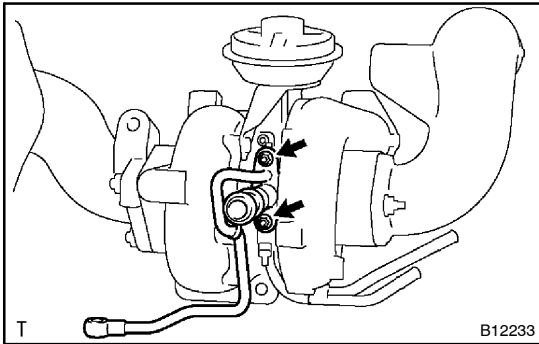
6. **REMOVE TURBOCHARGER AND EXHAUST MANIFOLDS ASSEMBLY**
  - (a) Remove the 3 bolts and turbocharger stay.
  - (b) Disconnect the turbo oil hose.
  - (c) Remove the union bolt and 2 gaskets holding the turbo oil pipe to the cylinder block.
  - (d) Disconnect the 2 water hose to the turbocharger.
  - (e) Remove the 12 nuts, exhaust manifold with turbocharger assembly and 2 gaskets.



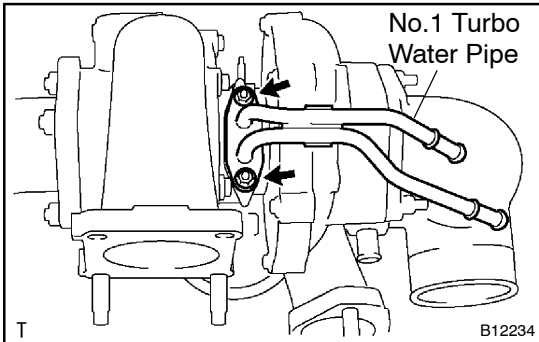
7. **REMOVE HEAT INSULATOR**  
Remove the 2 bolts and heat insulator.



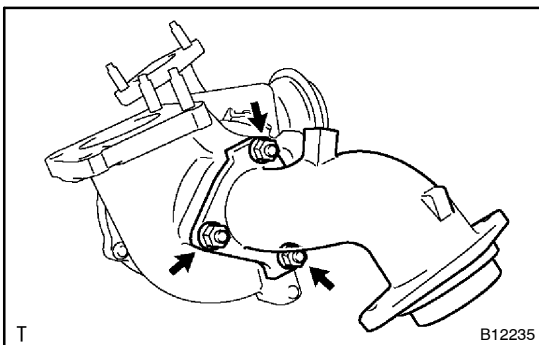
8. **REMOVE TURBOCHARGER FROM EXHAUST MANIFOLDS**  
Remove the 4 nuts, turbocharger and gasket.

**9. REMOVE OIL PIPE**

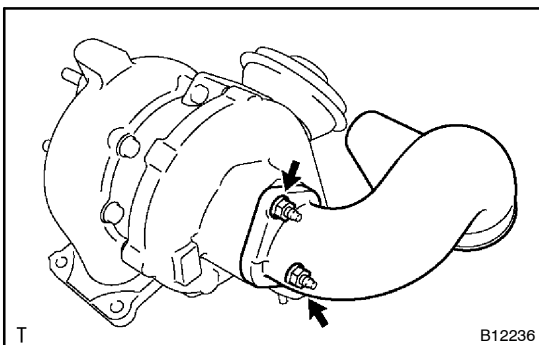
Remove the 2 nuts, turbo oil pipe and gasket.

**10. REMOVE NO.1 TURBO WATER PIPE**

Remove the 2 nuts, No.1 turbo water pipe and gasket.

**11. REMOVE TURBO OUTLET ELBOW**

Remove the 3 nuts, turbo outlet elbow and gasket.

**12. REMOVE COMPRESSOR INLET ELBOW**

Remove the 2 nuts, compressor inlet elbow and gasket.