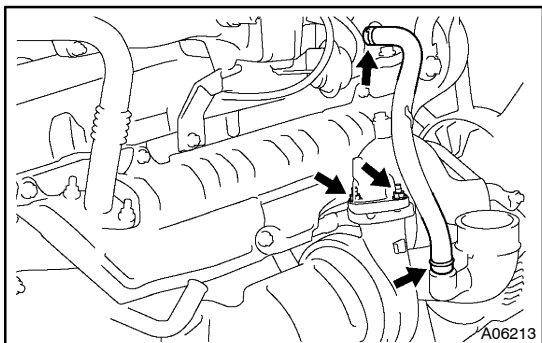
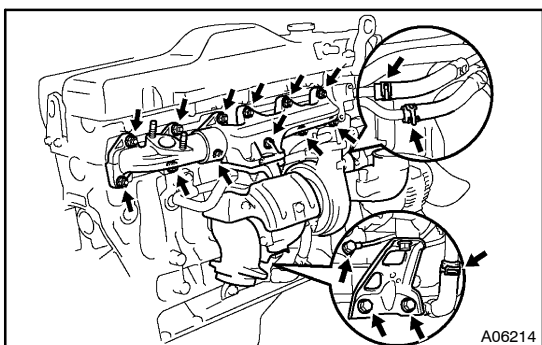


## REMOVAL

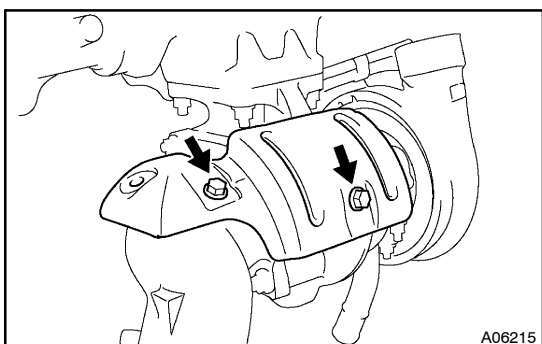
1. **DRAIN ENGINE COOLANT**
2. **REMOVE INTAKE PIPE ASSEMBLY**  
 1HD-T: (See page EM-48)  
 1HD-FTE: (See page EM-77)



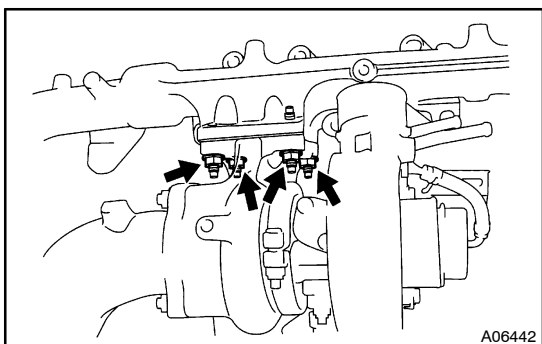
3. **1HD-FTE:**  
**REMOVE PCV HOSE AND COMPRESSOR OUTLET ELBOW**
  - (a) Disconnect the PCV hose.
  - (b) Remove the 2 nuts compressor outlet elbow and gasket.
4. **REMOVE HEAT INSULATOR**



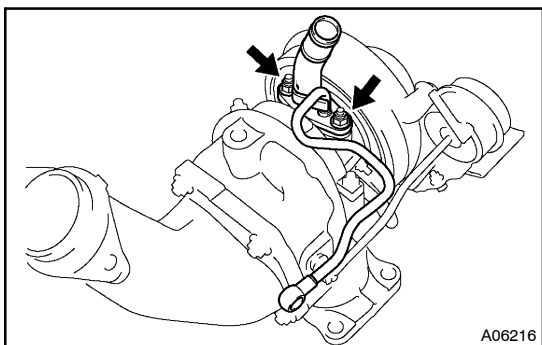
5. **REMOVE TURBOCHARGER AND EXHAUST MANIFOLDS ASSEMBLY**
  - (a) Remove the 3 bolts and turbocharger stay.
  - (b) Disconnect the turbo oil hose.
  - (c) Remove the union bolt and 2 gaskets holding the turbo oil pipe to the cylinder block.
  - (d) Disconnect the 2 water hose to the turbocharger.
  -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



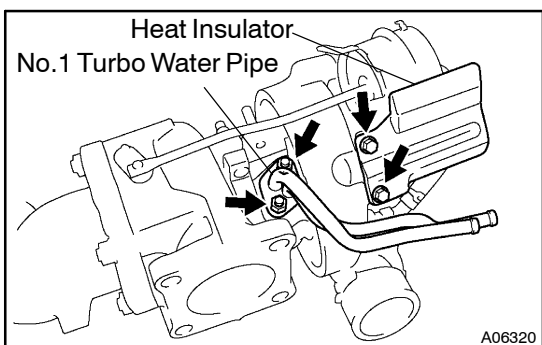
6. **REMOVE HEAT INSULATOR**
  - (a) Remove the 2 bolts and the heat insulator.



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

**8. REMOVE OIL PIPE**

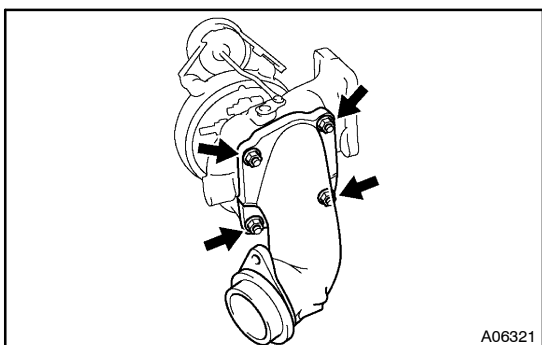
Remove the 2 nuts turbo oil pipe and the gasket.

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

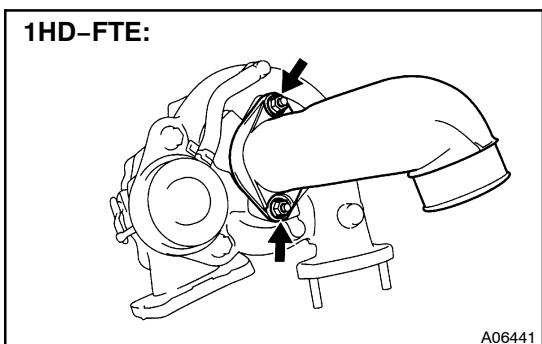
Remove the 2 nuts No.1 turbo water pipe and the gasket.

**10. 1HD-T:****REMOVE HEAT INSULATOR**

Remove the 2 bolts and the heat insulator.

**11. REMOVE TURBO OUTLET ELBOW**

Remove the 4 nuts turbo outlet elbow and gasket.

**12. 1HD-FTE:****REMOVE COMPRESSOR INLET ELBOW**

Remove the 2 nuts compressor inlet elbow and gasket.