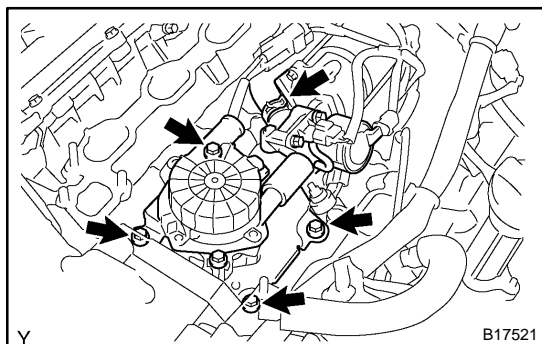
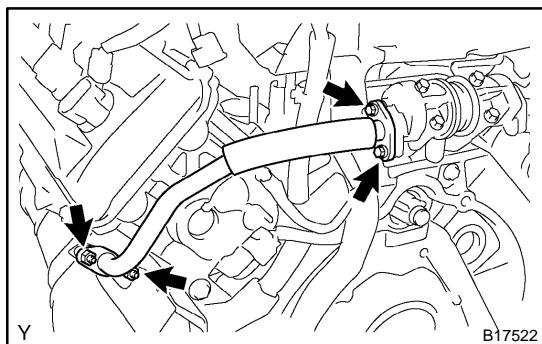


REMOVAL

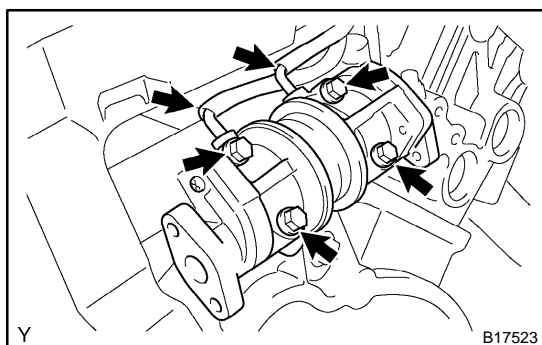
1. **REMOVE THROTTLE BODY COVER**
2. **REMOVE INTAKE MANIFOLD** (See page [EM-36](#))
3. **REMOVE VSV FOR AIR INJECTION SYSTEM**
 - (a) Remove the 2 bolts and 2 VSVs from the intake manifold.
 - (b) Remove the 2 vacuum hoses from the 2 VSVs.



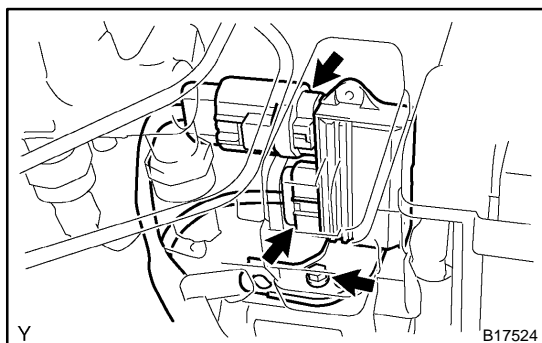
4. **REMOVE AIR PUMP ASSEMBLY**
 - (a) Disconnect the air hose No.2 from the air switching valve.
 - (b) Disconnect the air switching valve connector.
 - (c) Disconnect the pressure sensor connector for the air injection system.
 - (d) Remove the 4 bolts and air pump assembly.



5. **REMOVE NO. 2 AIR SWITCHING VALVE**
 - (a) Remove the 4 nuts and 2 gaskets, and disconnect the 2 No.3 air tubes from the exhaust manifolds.
 - (b) Remove the 4 bolts, 2 gaskets and the 2 No.3 air tubes from the 2 No.2 air switching valves.



- (c) Remove the 4 bolts, 2 gaskets and the 2 No.2 air switching valves from the rear water by-pass joint.
- (d) Remove the 2 vacuum hoses from the No.2 air switching valves.



6. **REMOVE AIR INJECTION CONTROL DRIVER**
 - (a) Disconnect the 2 connectors from the air injection control driver.
 - (b) Remove the 2 bolts and air injection control driver from the body.