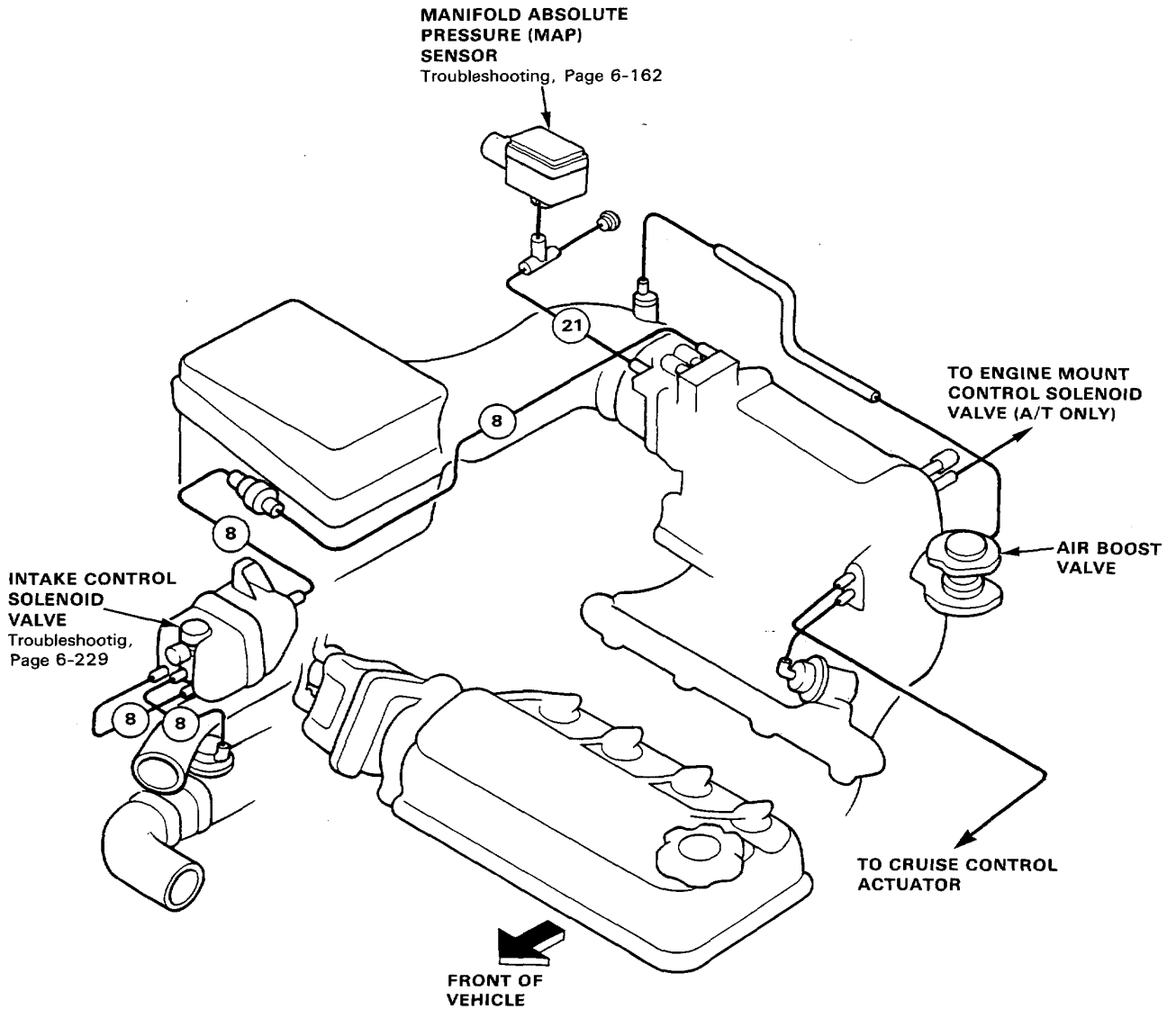


System Description

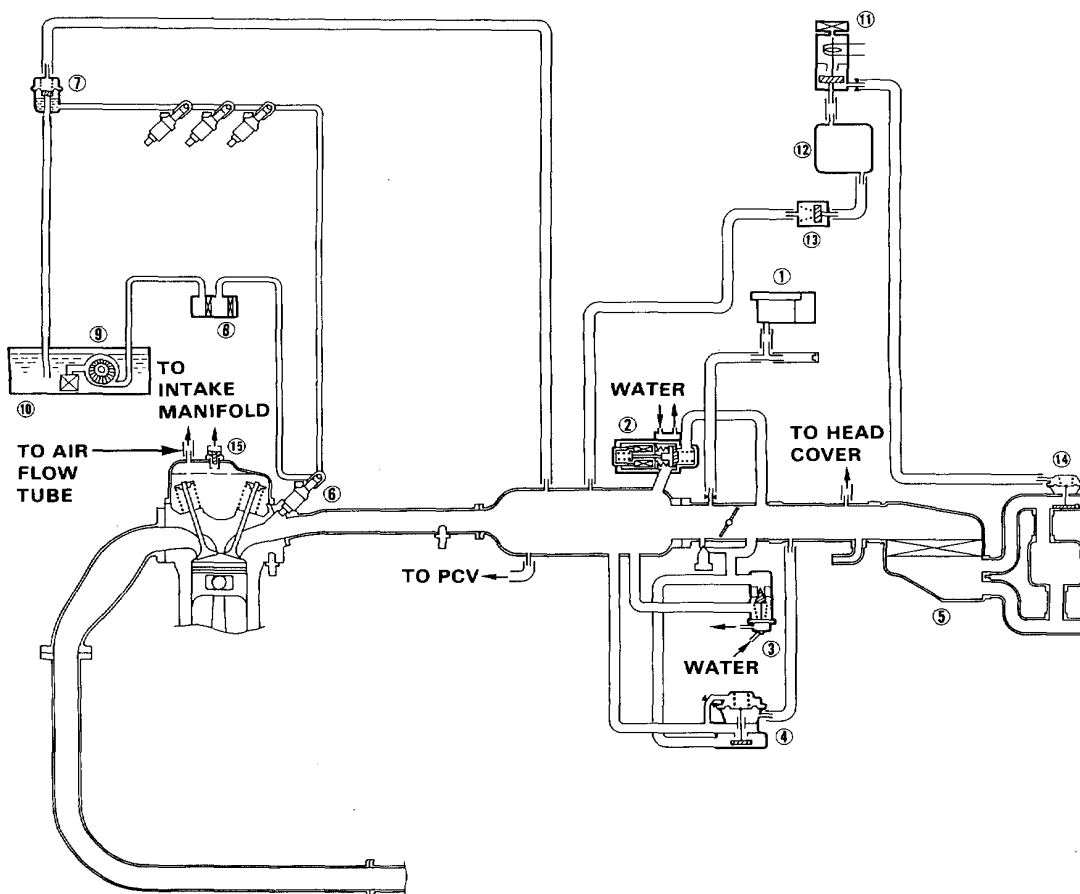
Vacuum Connections

2.0 l without CATA:





2.0 l without CATA:



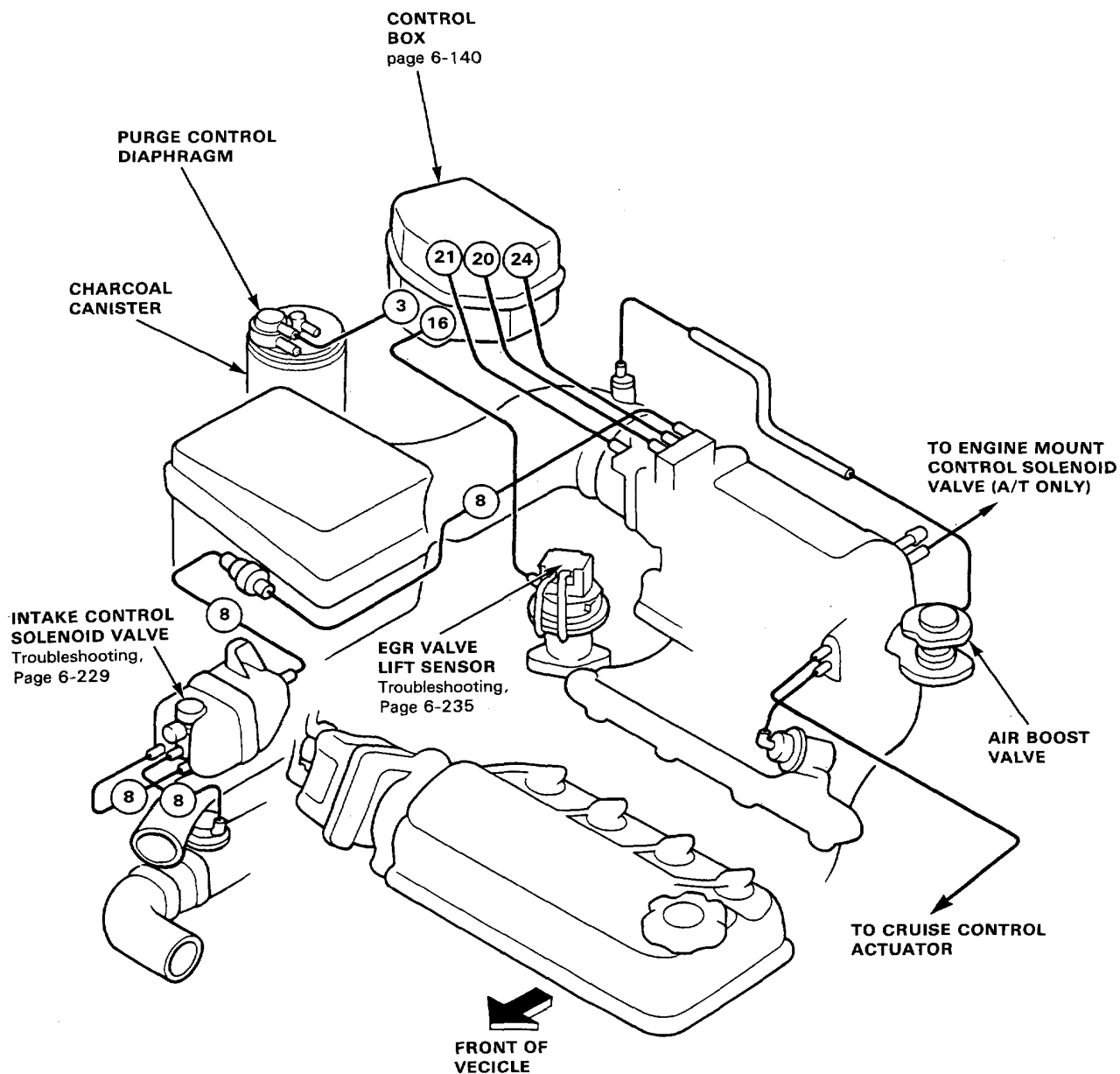
- ① MANIFOLD ABSOLUTE PRESSURE (MAP) SENSOR
- ② ELECTRONIC AIR CONTROL VALVE (EACV)
- ③ FAST IDLE VALVE
- ④ AIR BOOST VALVE
- ⑤ AIR CLEANER
- ⑥ FUEL INJECTOR
- ⑦ PRESSURE REGULATOR
- ⑧ FUEL FILTER

- ⑨ FUEL PUMP
- ⑩ FUEL TANK
- ⑪ INTAKE CONTROL SOLENOID VALVE
- ⑫ AIR CHAMBER
- ⑬ CHECK VALVE
- ⑭ INTAKE CONTROL DIAPHRAGM
- ⑮ PCV VALVE

System Description

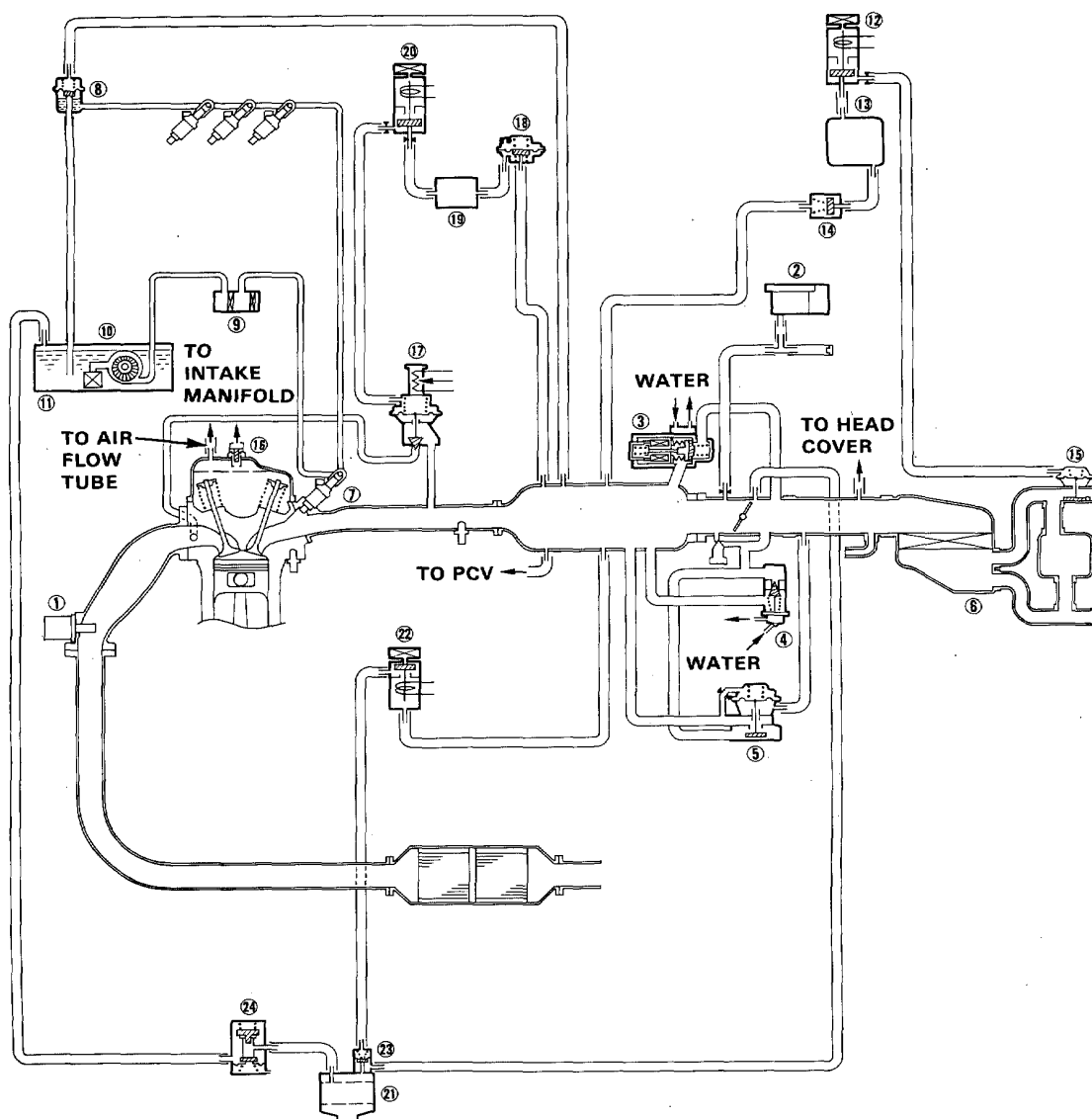
Vacuum Connections

2.0 l with CATA:





2.0 l with CATA:



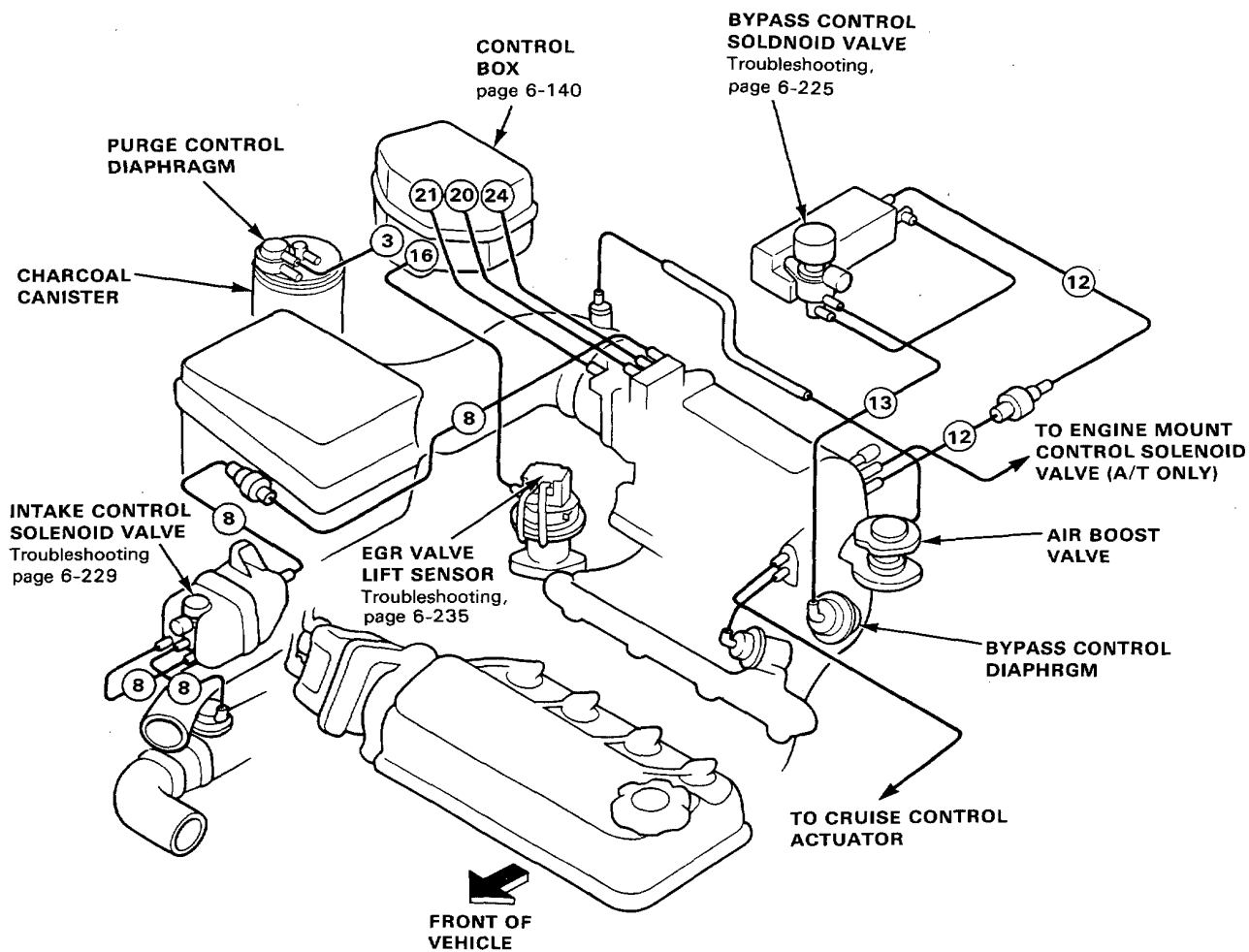
- ① OXYGEN (O₂) SENSOR
- ② MANIFOLD ABSOLUTE PRESSURE (MAP) SENSOR
- ③ ELECTRONIC AIR CONTROL VALVE (EACV)
- ④ FAST IDLE VALVE
- ⑤ AIR BOOST VALVE
- ⑥ AIR CLEANER
- ⑦ FUEL INJECTOR
- ⑧ PRESSURE REGULATOR
- ⑨ FUEL FILTER
- ⑩ FUEL PUMP
- ⑪ FUEL TANK
- ⑫ INTAKE CONTROL SOLENOID VALVE

- ⑬ AIR CHAMBER
- ⑭ CHECK VALVE
- ⑮ INTAKE CONTROL DIAPHRAGM
- ⑯ PCV VALVE
- ⑰ EGR VALVE
- ⑱ CONSTANT VACUUM CONTROL (CVC) VALVE
- ⑲ AIR CHAMBER
- ⑳ EGR CONTROL SOLENOID VALVE
- ㉑ CHARCOAL CANISTER
- ㉒ PURGE CUT-OFF SOLENOID VALVE
- ㉓ PURGE CONTROL DIAPHRAGM VALVE
- ㉔ TWO-WAY VALVE

System Description

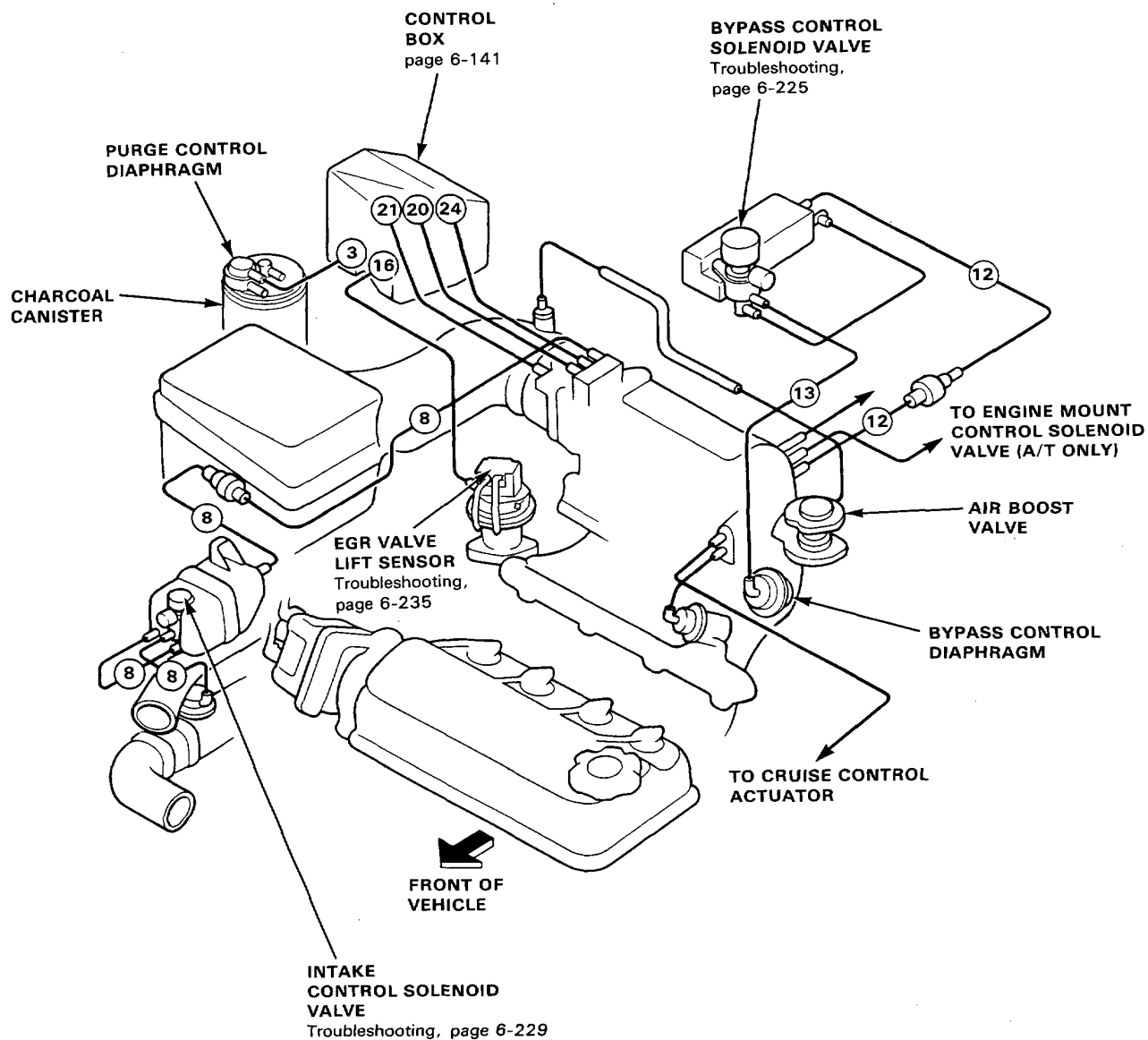
Vacuum Connections

2.2 & Except KE, KQ, KY:





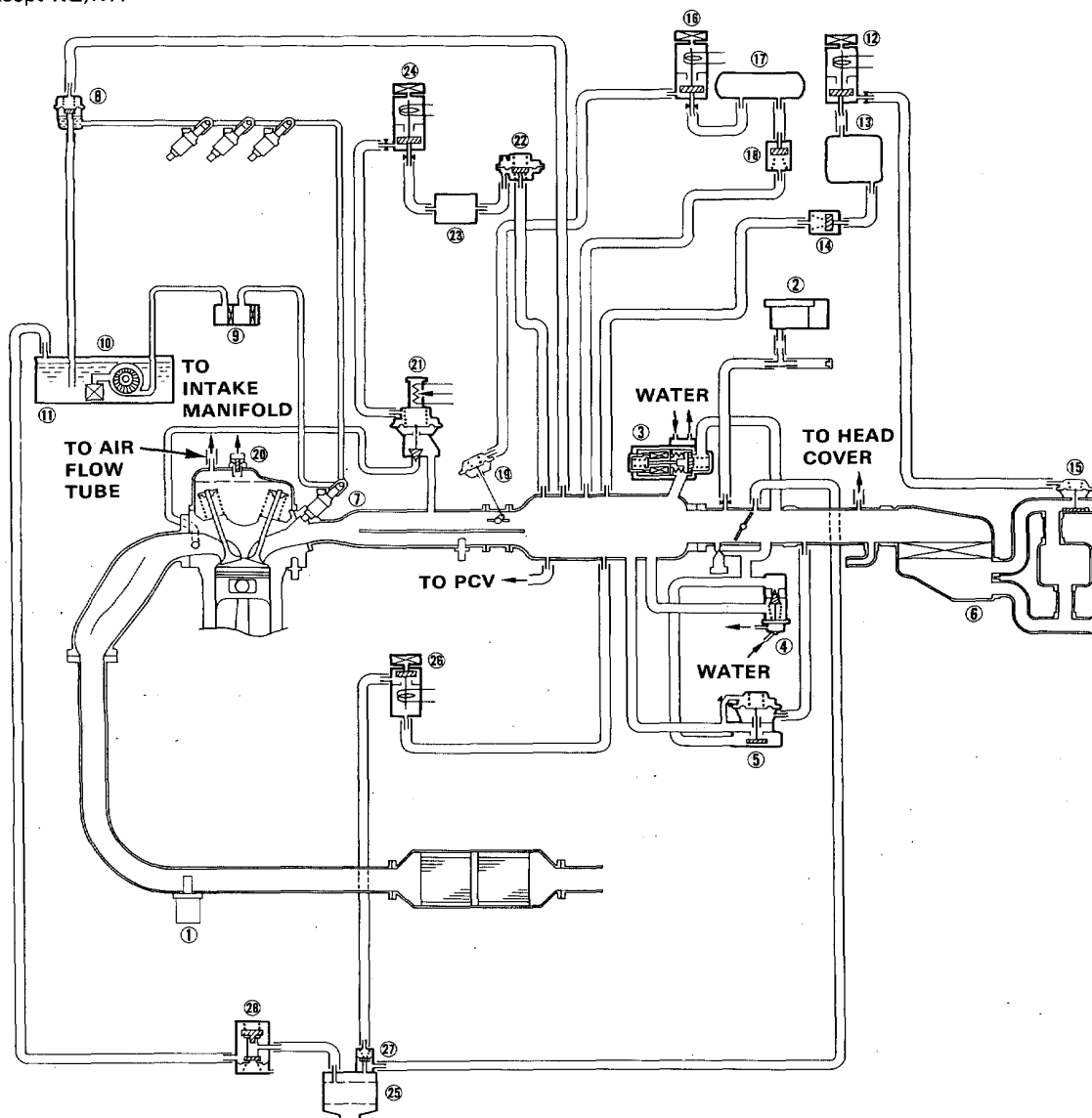
2.2 KE:



System Description

Vacuum Connections

2.2 ℓ Except KQ, KY:

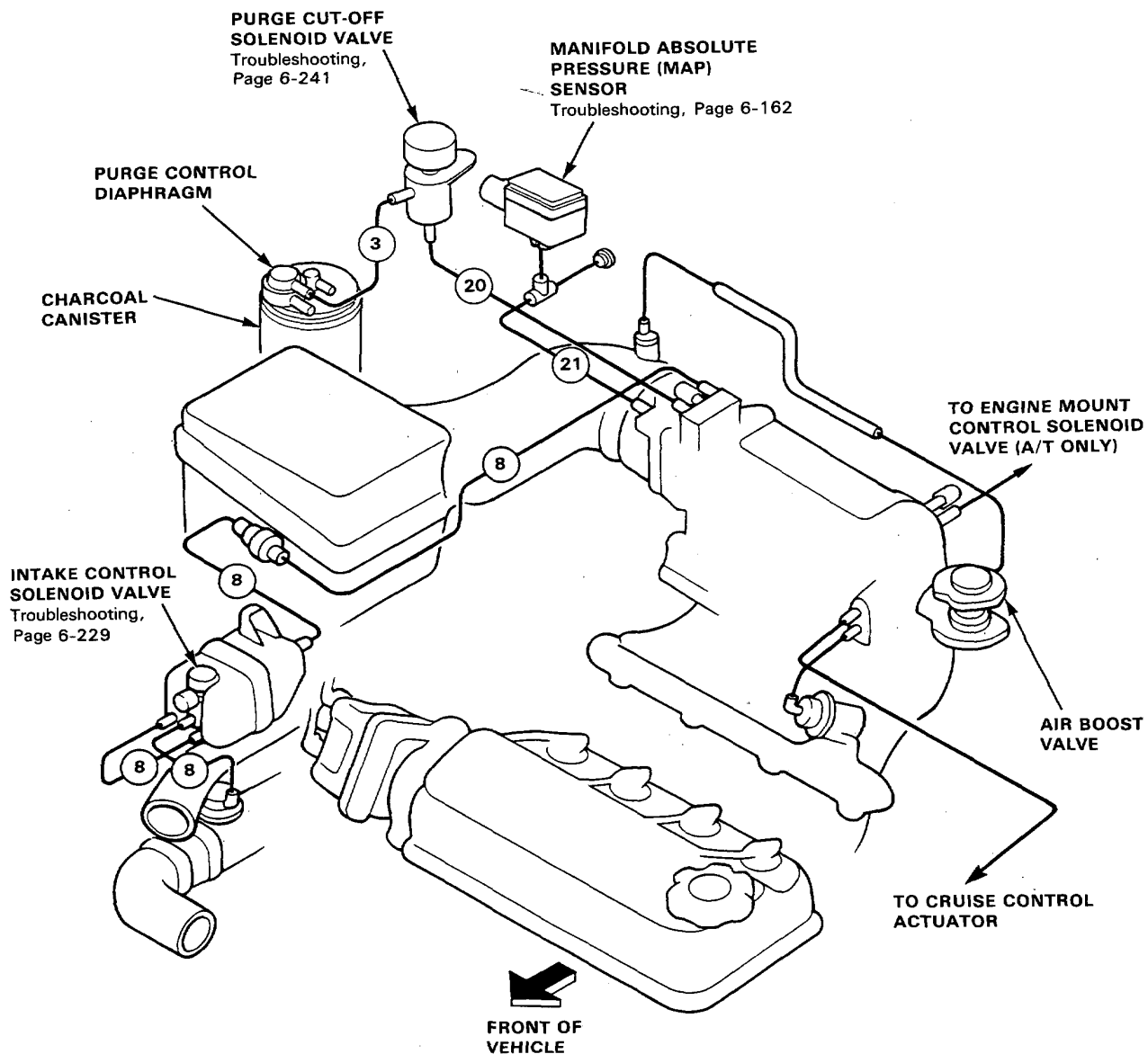


- ① OXYGEN (O₂) SENSOR
- ② MANIFOLD ABSOLUTE PRESSURE (MAP) SENSOR
- ③ ELECTRONIC AIR CONTROL VALVE (EACV)
- ④ FAST IDLE VALVE
- ⑤ AIR BOOST VALVE
- ⑥ AIR CLEANER
- ⑦ FUEL INJECTOR
- ⑧ PRESSURE REGULATOR
- ⑨ FUEL FILTER
- ⑩ FUEL PUMP
- ⑪ FUEL TANK
- ⑫ INTAKE CONTROL SOLENOID VALVE
- ⑬ AIR CHAMBER
- ⑭ CHECK VALVE

- ⑮ INTAKE CONTROL DIAPHRAGM
- ⑯ BYPASS CONTROL SOLENOID VALVE
- ⑰ AIR CHAMBER
- ⑱ CHECK VALVE
- ⑲ BYPASS CONTROL DIAPHRAGM
- ⑳ PCV VALVE
- ㉑ EGR VALVE
- ㉒ CONSTANT VACUUM CONTROL (CVC) VALVE
- ㉓ AIR CHAMBER
- ㉔ EGR CONTROL SOLENOID VALVE
- ㉕ CHARCOAL CANISTER
- ㉖ PURGE CUT OFF SOLENOID VALVE
- ㉗ PURGE CONTROL DIAPHRAGM VALVE
- ㉘ TWO-WAY VALVE



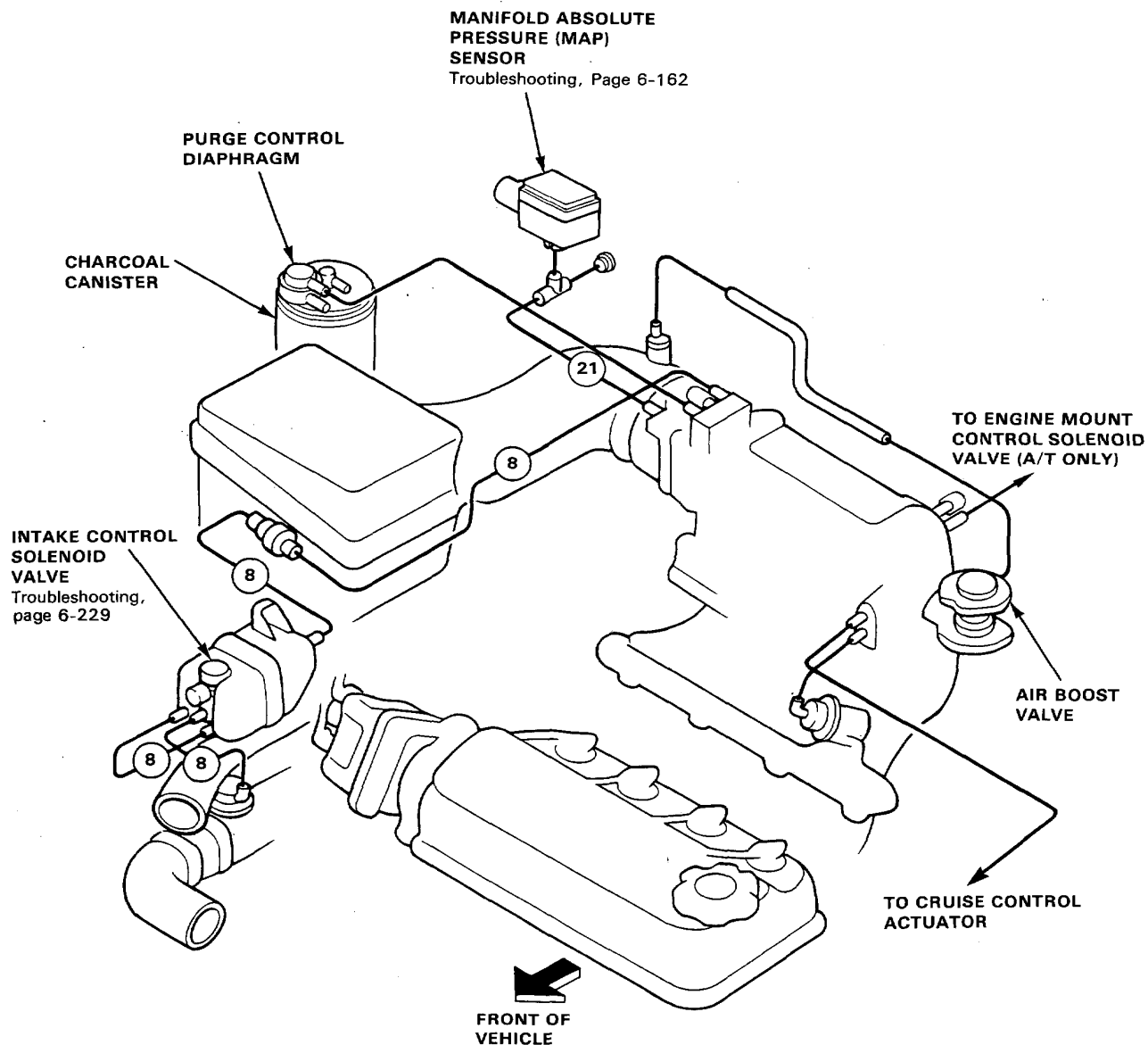
2.2 L KQ:



System Description

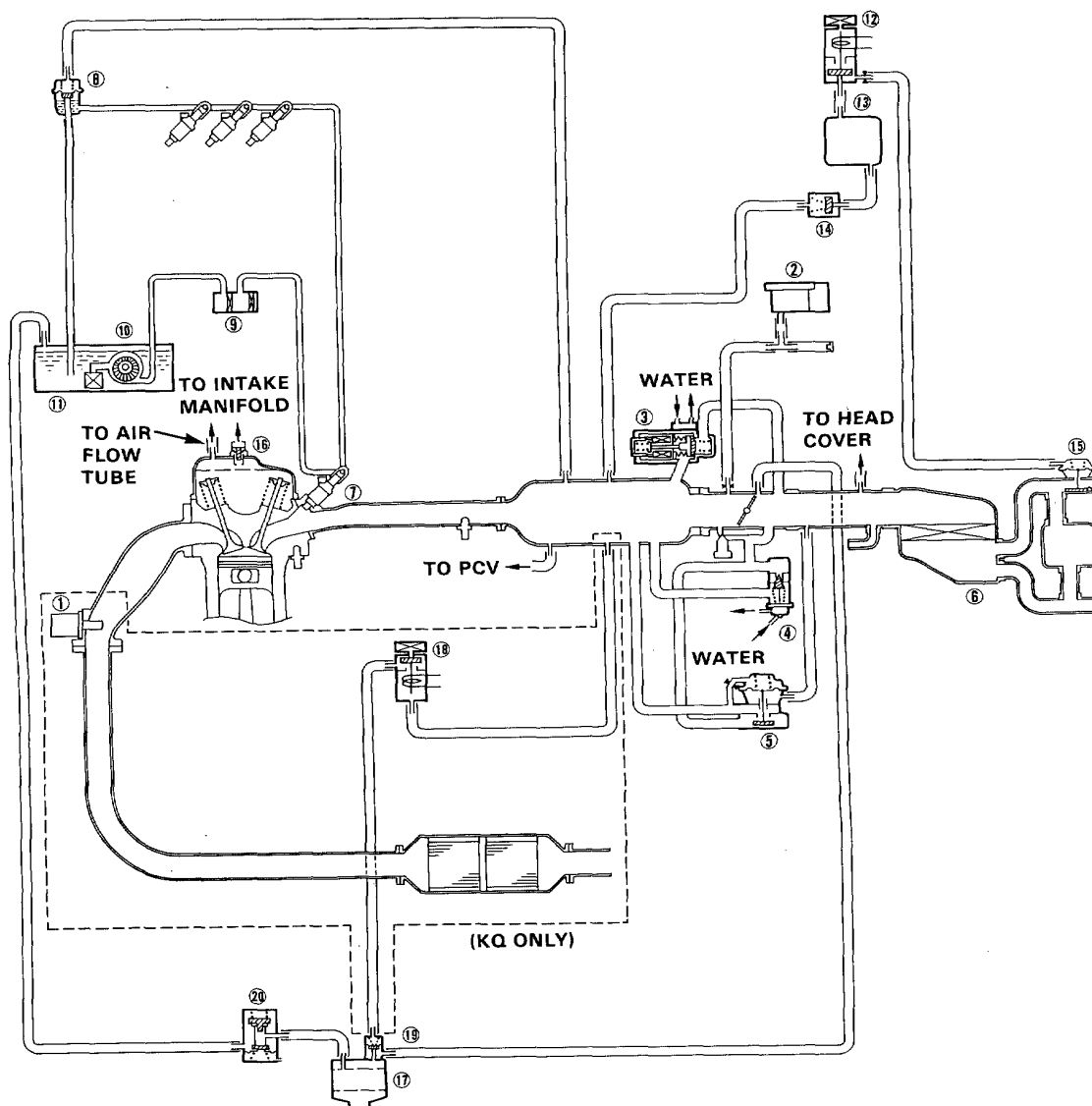
Vacuum Connections

2.2 L KY:





2.2 & KQ, KY:

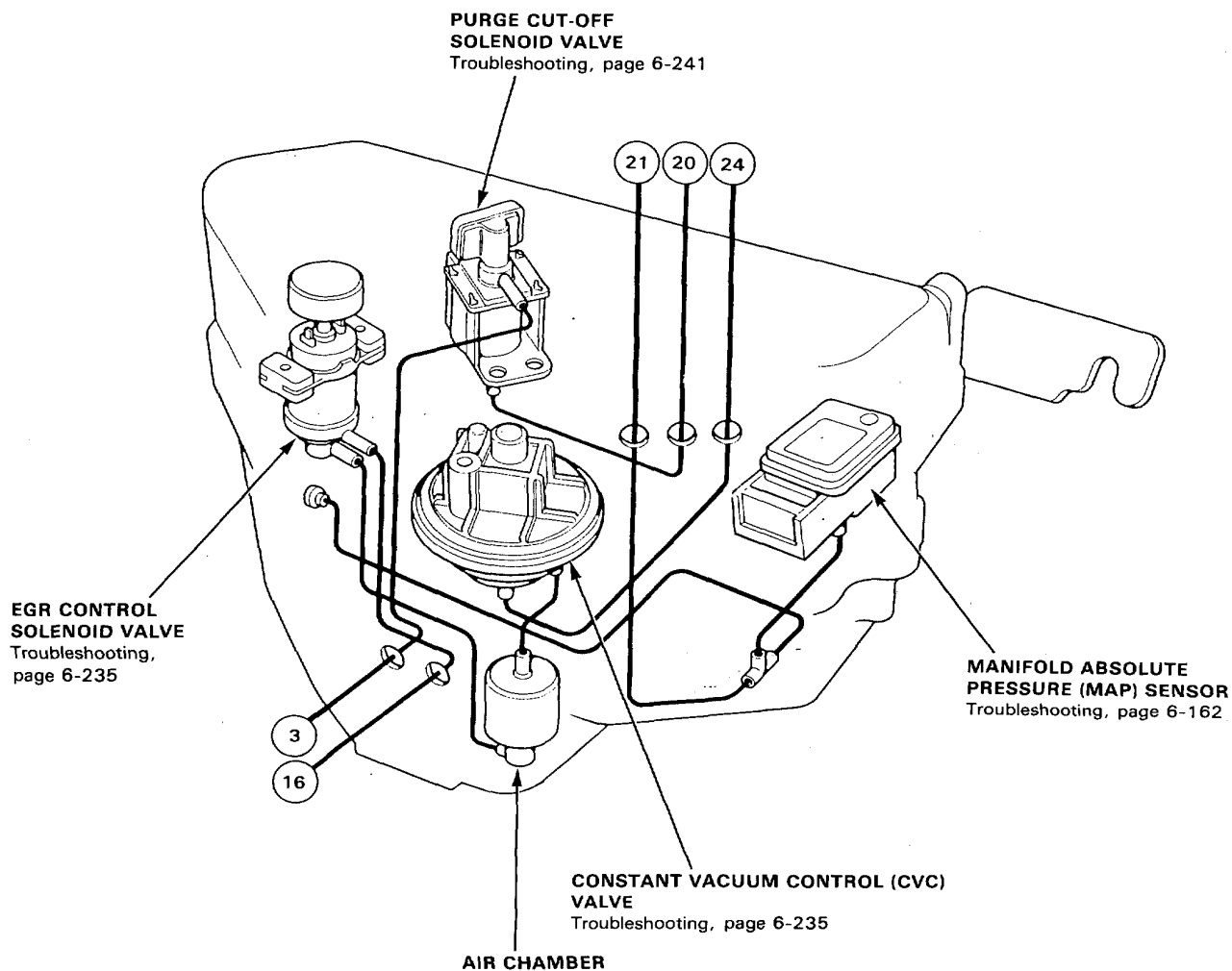


- ① OXYGEN (O₂) SENSOR (KQ only)
- ② MANIFOLD ABSOLUTE PRESSURE (MAP) SENSOR
- ③ ELECTRONIC AIR CONTROL VALVE (EACV)
- ④ FAST IDLE VALVE
- ⑤ AIR BOOST VALVE
- ⑥ AIR CLEANER
- ⑦ FUEL INJECTOR
- ⑧ PRESSURE REGULATOR
- ⑨ FUEL FILTER
- ⑩ FUEL PUMP
- ⑪ FUEL TANK

- ⑫ INTAKE CONTROL SOLENOID VALVE
- ⑬ AIR CHAMBER
- ⑭ CHECK VALVE
- ⑮ INTAKE CONTROL DIAPHRAGM
- ⑯ PCV VALVE
- ⑰ CHARCOAL CANISTER
- ⑱ PURGE CUT-OFF SOLENOID VALVE
- ⑲ PURGE CONTROL DIAPHRAGM VALVE (KQ only)
- ⑳ TWO-WAY VALVE

System Description

Control Box (Except 2.2 l KE):





Control Box (2.2 l KE):

**MANIFOLD ABSOLUTE
PRESSURE (MAP)
SENSOR**

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**CONSTANT VACUUM CONTROL (CVC)
VALVE**

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**PURGE COU-OFF
SOLENOID VALVE**
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AIR CHAMBER

**EGR CONTROL
SOLENOID
VALVE**
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