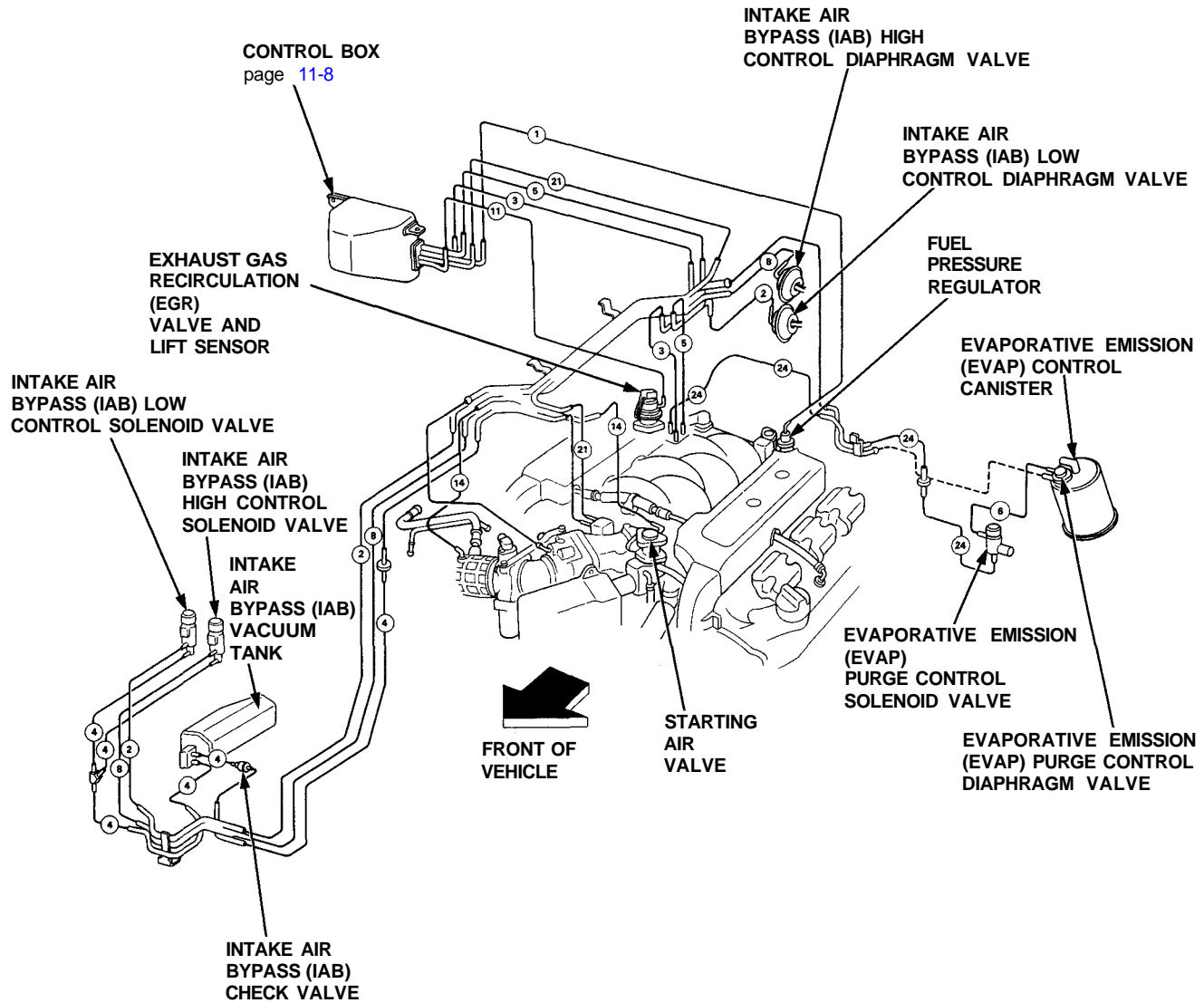


System Description

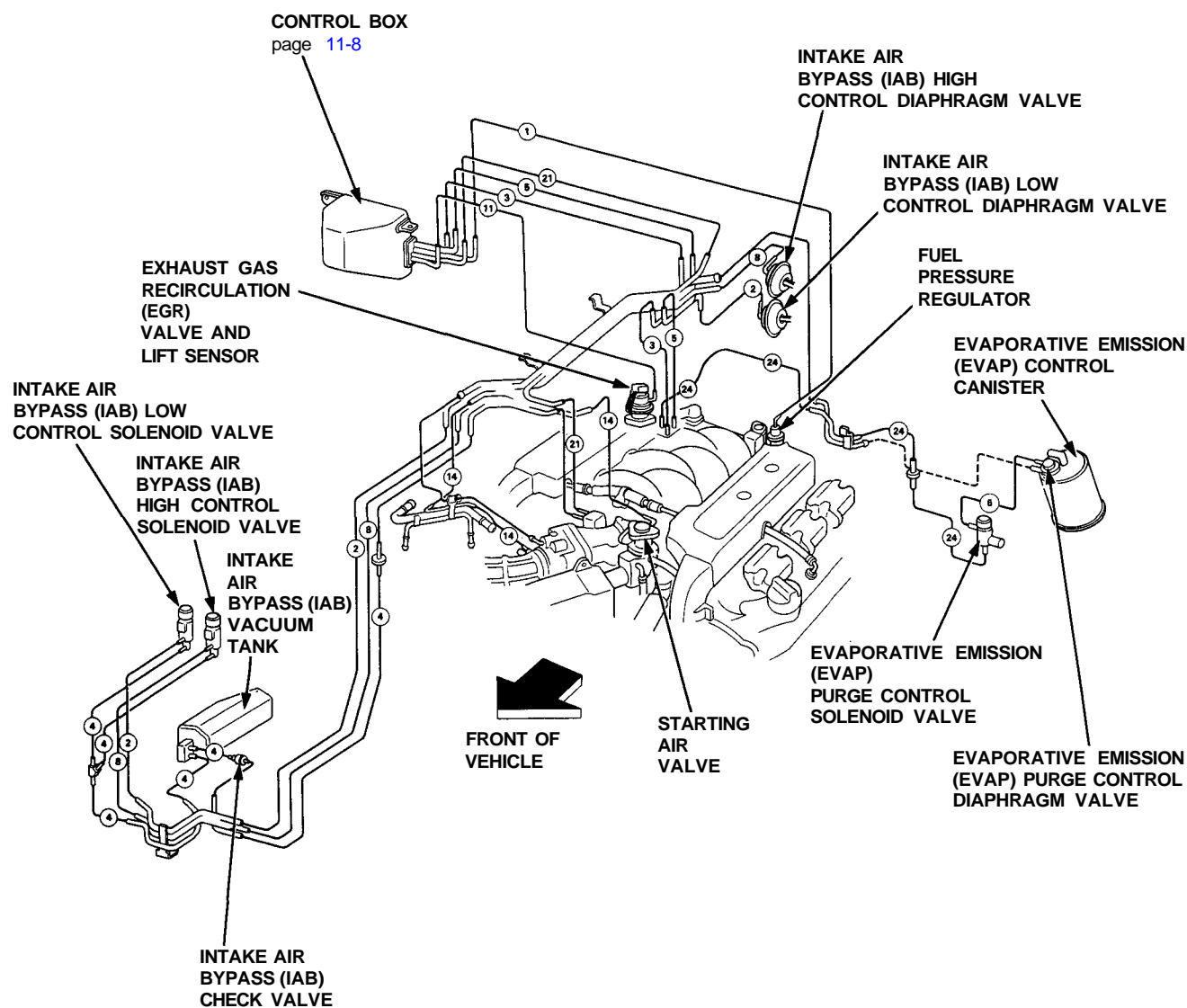
Vacuum Connections

With TCS:





Without TCS:

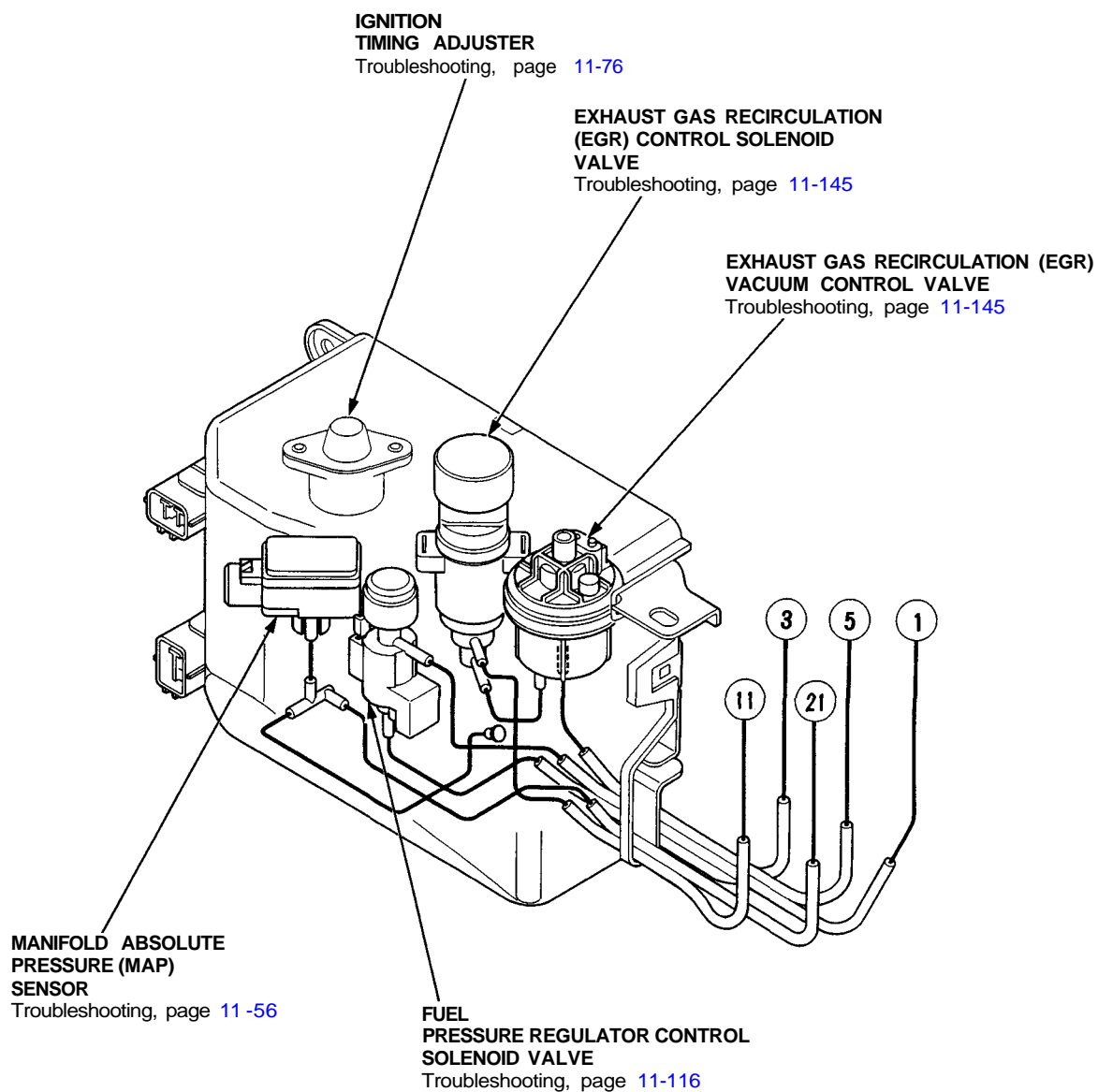


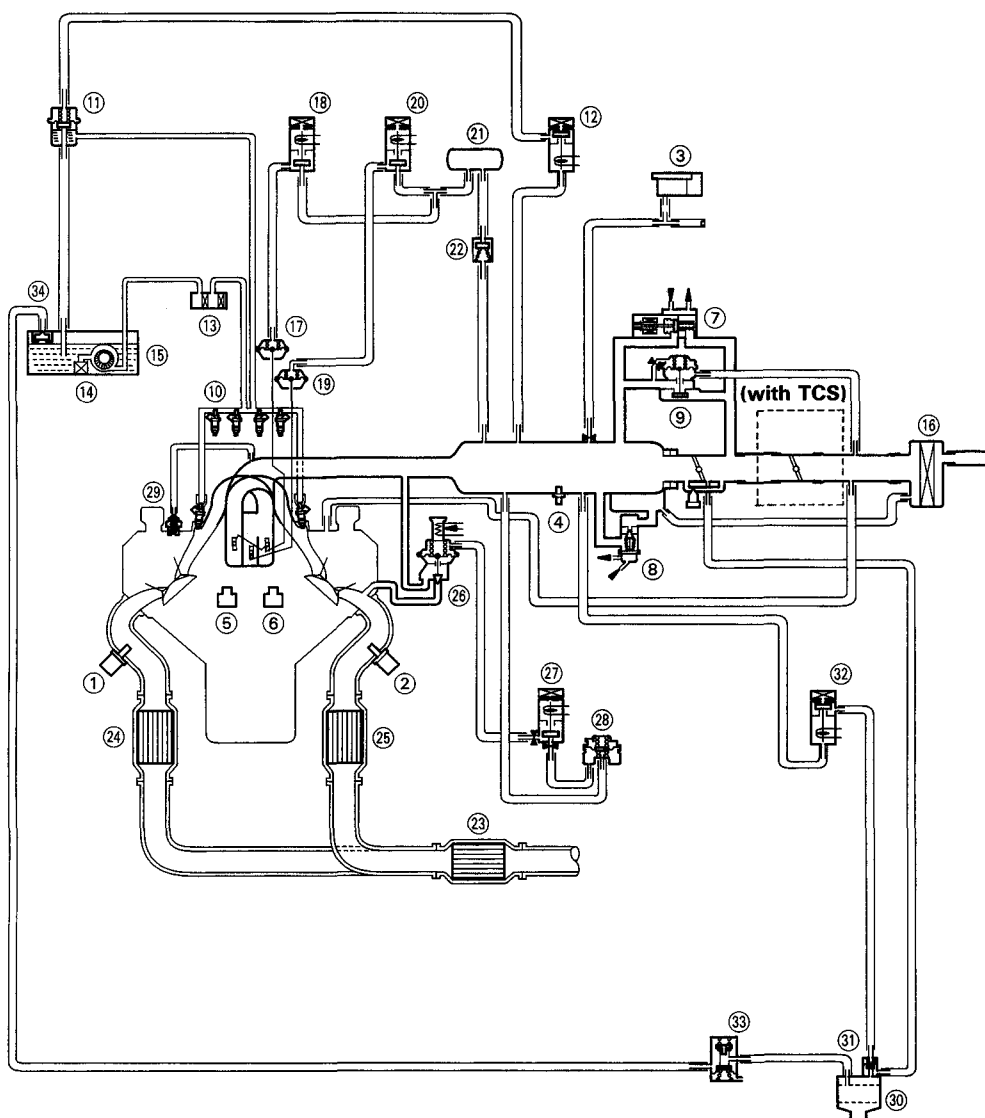
(cont'd)

System Description

Vacuum Connections (cont'd)

Control Box:





- ① LEFT HEATED OXYGEN SENSOR (HO₂S)
- ② RIGHT HEATED OXYGEN SENSOR (HO₂S)
- ③ MANIFOLD ABSOLUTE PRESSURE (MAP) SENSOR
- ④ INTAKE AIR TEMPERATURE (IAT) SENSOR
- ⑤ LEFT KNOCK SENSOR (KS)
- ⑥ RIGHT KNOCK SENSOR (KS)
- ⑦ IDLE AIR CONTROL (IAC) VALVE
- ⑧ FAST IDLE THERMO VALVE
- ⑨ STARTING AIR VALVE
- ⑩ FUEL INJECTOR
- ⑪ FUEL PRESSURE REGULATOR
- ⑫ FUEL PRESSURE REGULATOR CONTROL SOLENOID VALVE
- ⑬ FUEL FILTER
- ⑭ FUEL PUMP (FP)
- ⑮ FUEL TANK
- ⑯ AIR CLEANER (ACL)
- ⑰ INTAKE AIR BYPASS (IAB) LOW CONTROL DIAPHRAGM VALVE
- ⑱ INTAKE AIR BYPASS (IAB) LOW CONTROL SOLENOID VALVE
- ⑲ INTAKE AIR BYPASS (IAB) HIGH CONTROL DIAPHRAGM VALVE
- ⑳ INTAKE AIR BYPASS (IAB) HIGH CONTROL SOLENOID VALVE

- ㉑ INTAKE AIR BYPASS (IAB) VACUUM TANK
- ㉒ INTAKE AIR BYPASS (IAB) CHECK VALVE
- ㉓ THREE WAY CATALYTIC CONVERTER (TWO WU-TWC)
- ㉔ LEFT WARM UP THREE WAY CATALYTIC CONVERTER (WU-TWC)
- ㉕ RIGHT WARM UP THREE WAY CATALYTIC CONVERTER (WU-TWC)
- ㉖ EXHAUST GAS RECIRCULATION (EGR) VALVE AND LIFT SENSOR
- ㉗ EXHAUST GAS RECIRCULATION (EGR) CONTROL SOLENOID VALVE
- ㉘ EXHAUST GAS RECIRCULATION (EGR) VACUUM CONTROL VALVE
- ㉙ POSITIVE CRANKCASE VENTILATION (PCV) VALVE
- ㉚ EVAPORATIVE EMISSION (EVAP) CONTROL CANISTER
- ㉛ EVAPORATIVE EMISSION (EVAP) PURGE CONTROL DIAPHRAGM VALVE
- ㉜ EVAPORATIVE EMISSION (EVAP) PURGE CONTROL SOLENOID VALVE
- ㉝ EVAPORATIVE EMISSION (EVAP) TWO WAY VALVE
- ㉞ FUEL TANK EVAPORATIVE EMISSION (EVAP) VALVE