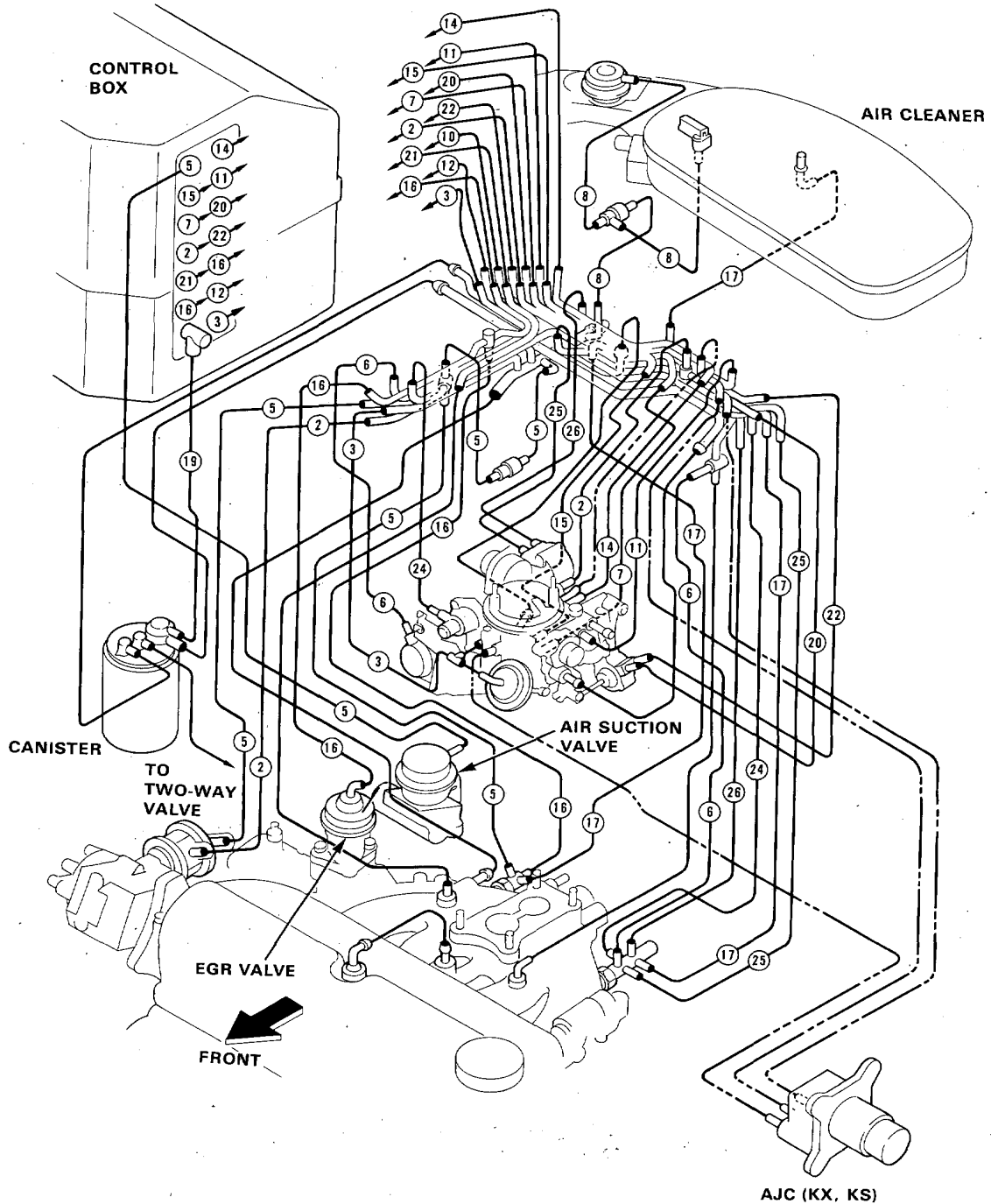


# System Description

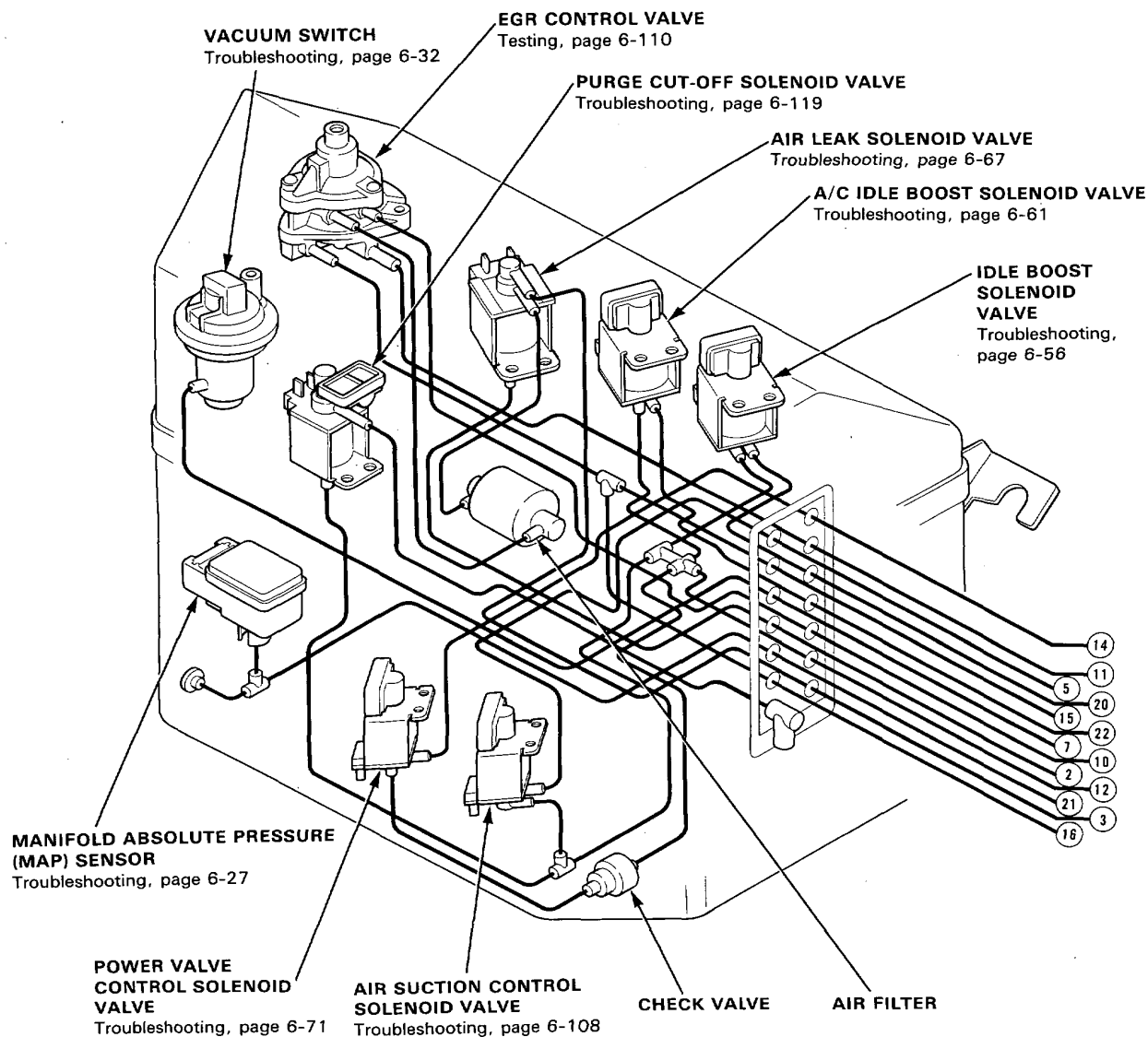
## Vacuum Connections

(KX, KS, KG)





**Control Box  
(KX, KS, KG)**



## Vacuum Connections:

**CONTROL BOX**

**AIR CLEANER**

**CANISTER**

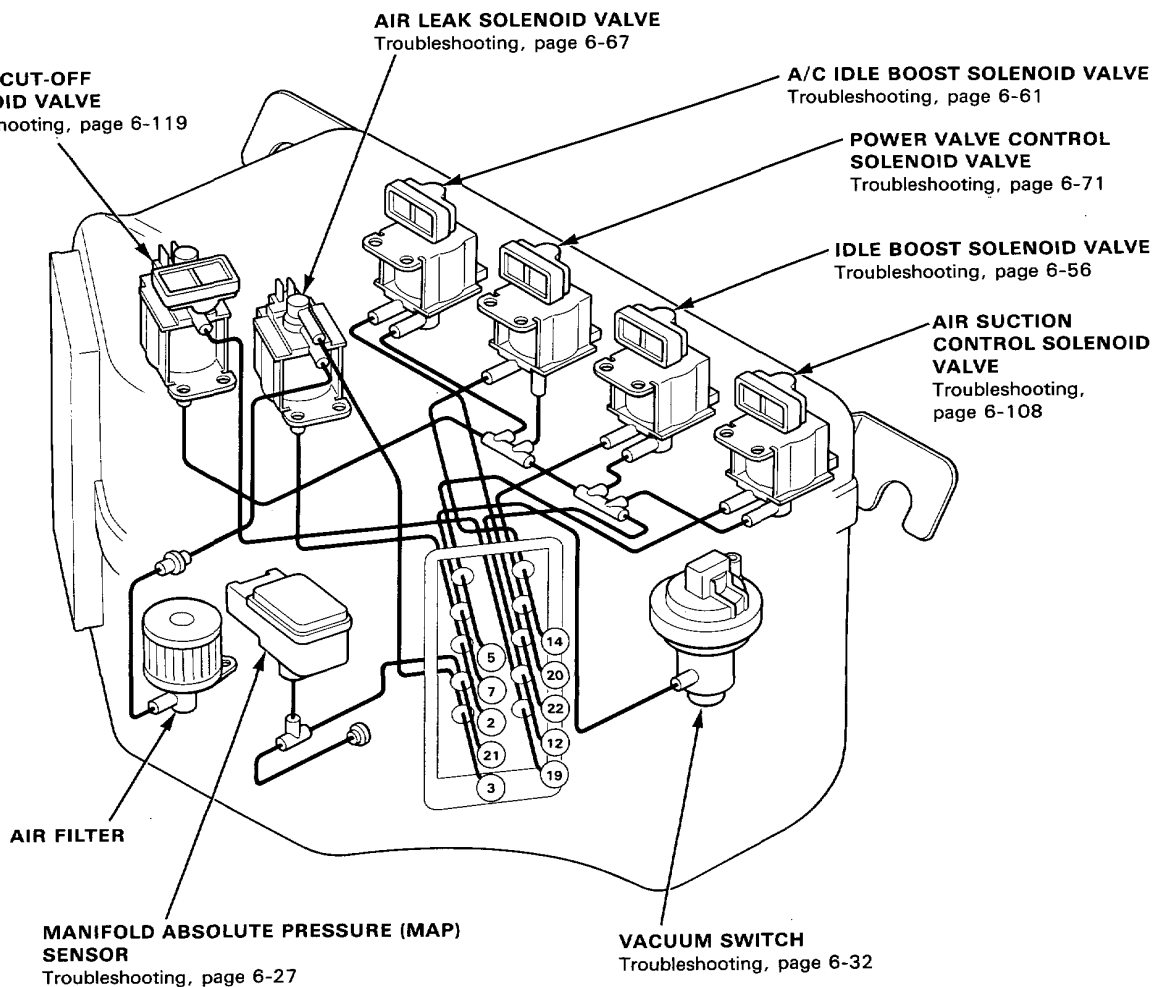
**TO TWO-WAY VALVE**

**AIR SUCTION VALVE**

**FRONT**



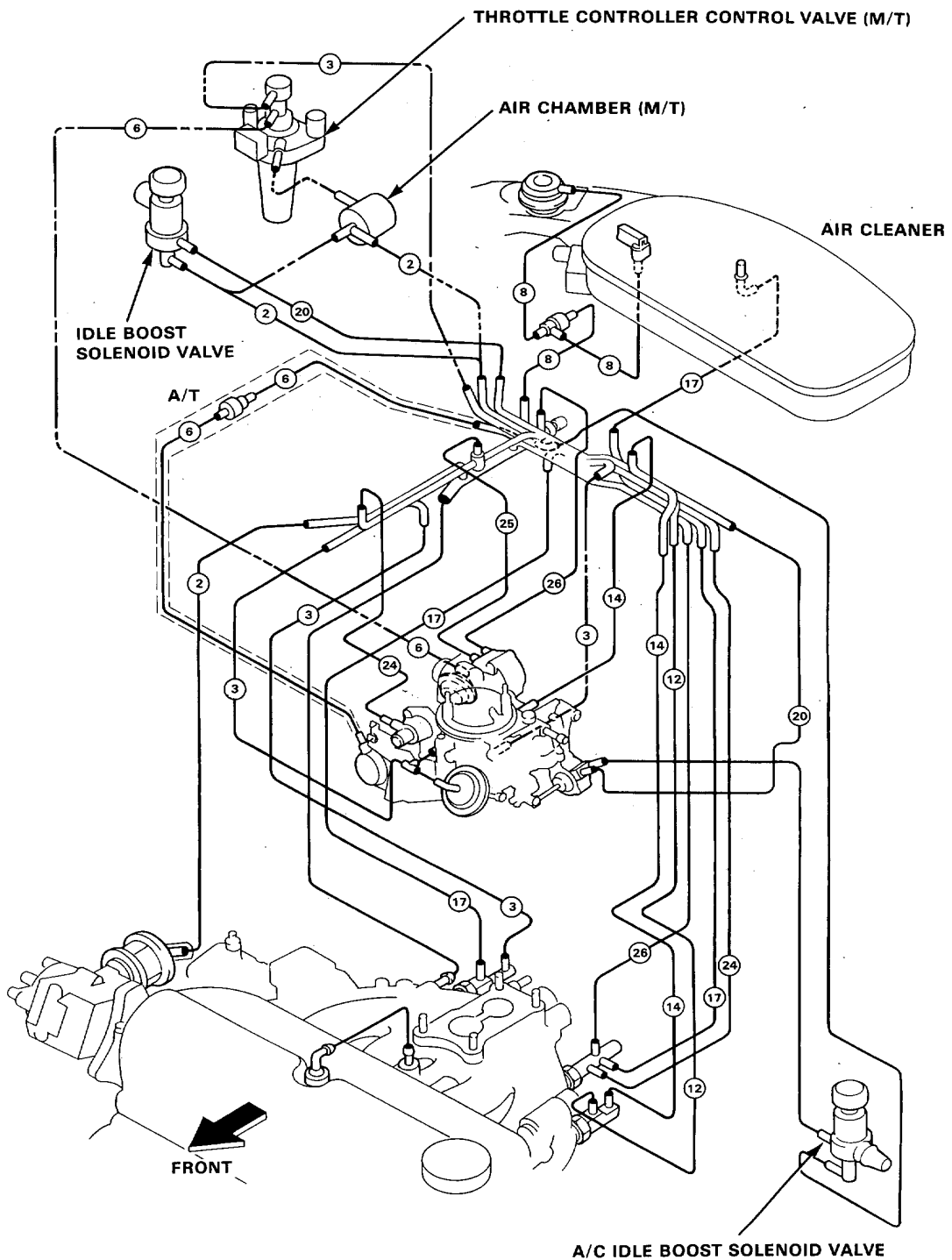
**Control Box  
(KQ)**



# System Description

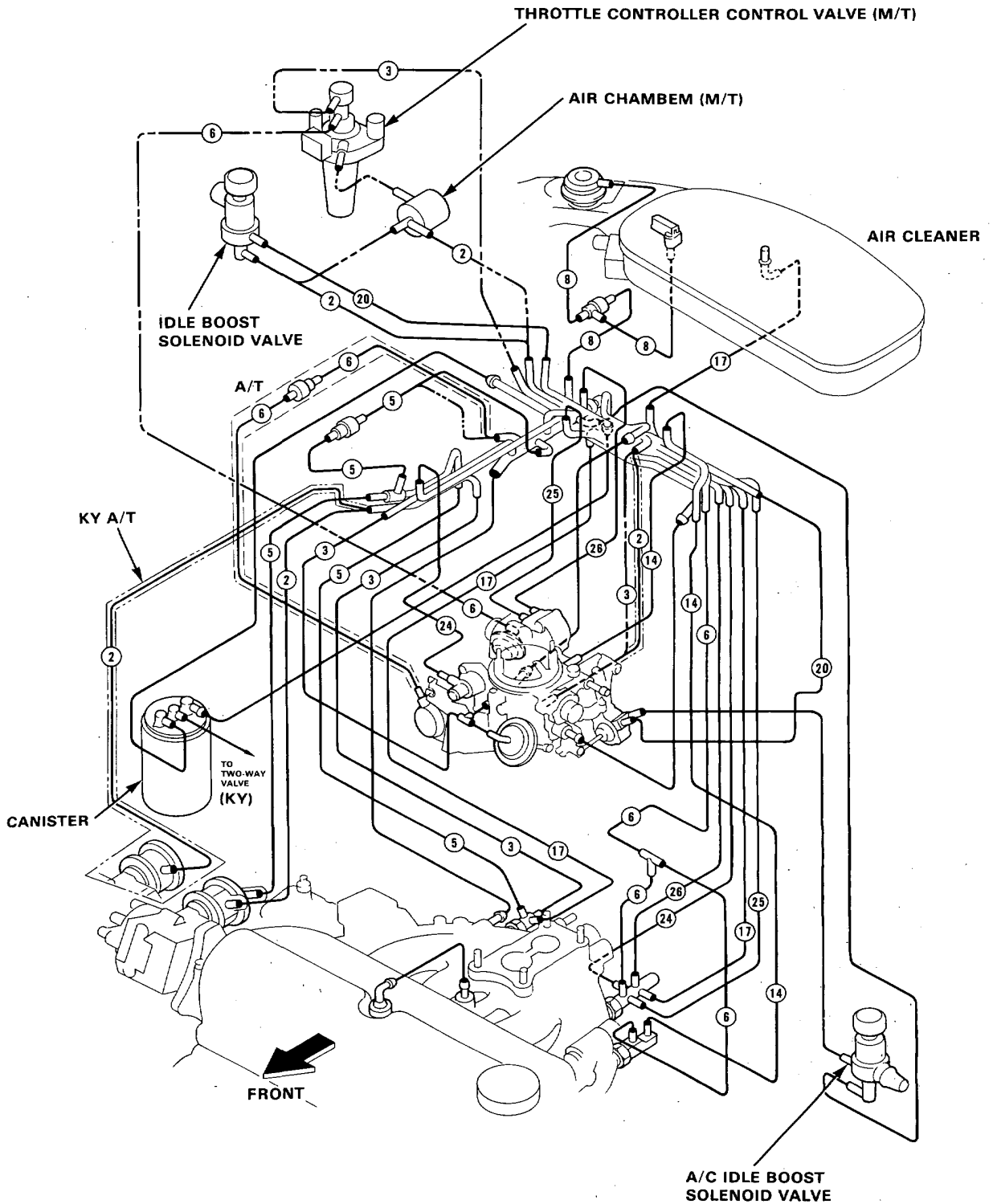
## Vacuum Connection

(KT, KP)





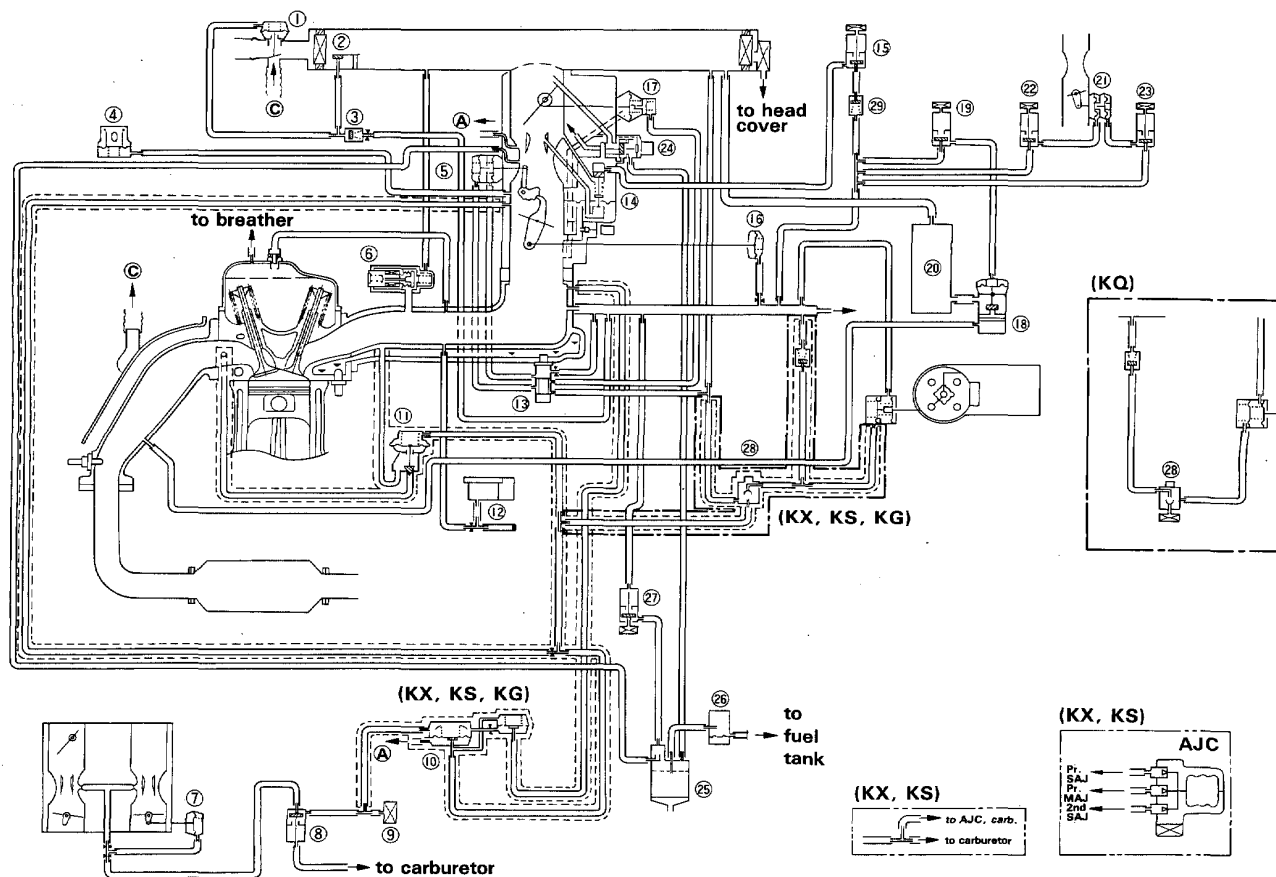
(KY, KF, KB, KE, KW)



# System Description

## Vacuum Connections

(KX, KS, KG, KQ)

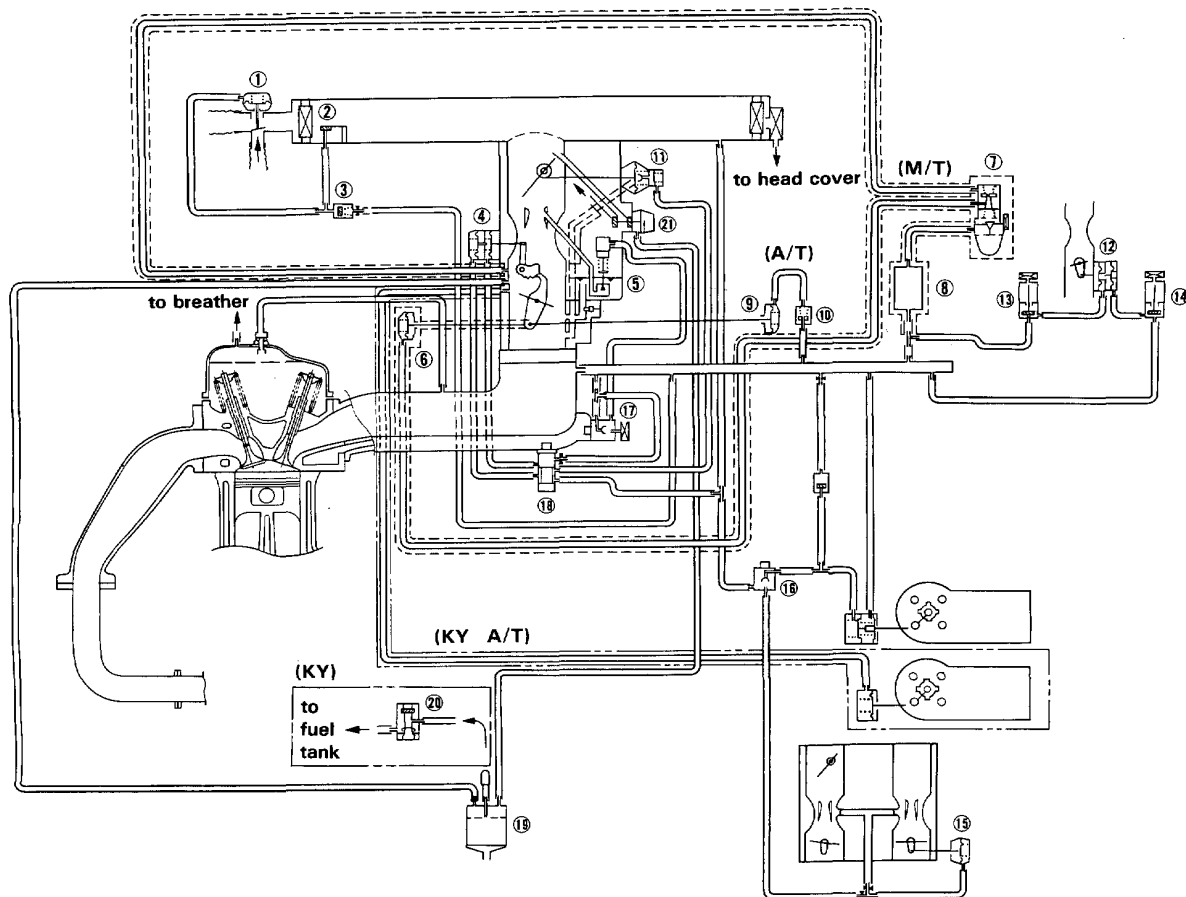


- ①AIR CONTROL DIAPHRAGM
- ②AIR BLEED VALVE
- ③CHECK VALVE
- ④VACUUM SWITCH
- ⑤FAST IDLE UNLOADER
- ⑥EACV
- ⑦SECONDARY DIAPHRAGM
- ⑧AIR LEAK SOLENOID VALVE
- ⑨AIR FILTER
- ⑩EGR CONTROL VALVE
- ⑪EGR VALVE
- ⑫MANIFOLD ABSOLUTE PRESSURE (MAP) SENSOR
- ⑬THERMOVALVE A
- ⑭POWER VALVE

- ⑮POWER VALVE CONTROL SOLENOID VALVE
- ⑯THROTTLE CONTROLLER
- ⑰CHOKE OPENER
- ⑱AIR SUCTION VALVE
- ⑲AIR SUCTION CONTROL SOLENOID VALVE
- ⑳AIR CHAMBER
- ㉑IDLE BOOST THROTTLE CONTROLLER
- ㉒IDLE BOOST SOLENOID VALVE
- ㉓A/C IDLE BOOST SOLENOID VALVE
- ㉔AIR VENT CUT-OFF SOLENOID VALVE
- ㉕CANISTER
- ㉖TWO-WAY VALVE
- ㉗PURGE CUT-OFF SOLENOID VALVE
- ㉘THERMOVALVE B
- ㉙CHECK VALVE



(KF, KB, KE, KY, KW)



- ①AIR CONTROL DIAPHRAGM
- ②AIR BLEED VALVE
- ③CHECK VALVE
- ④FAST IDLE UNLOADER
- ⑤POWER VALVE
- ⑥THROTTLE CONTROLLER (M/T)
- ⑦THROTTLE CONTROLLER CONTROL VALVE (M/T)
- ⑧AIR CHAMBER (M/T)
- ⑨THROTTLE CONTROLLER (A/T)
- ⑩CHECK VALVE (A/T)

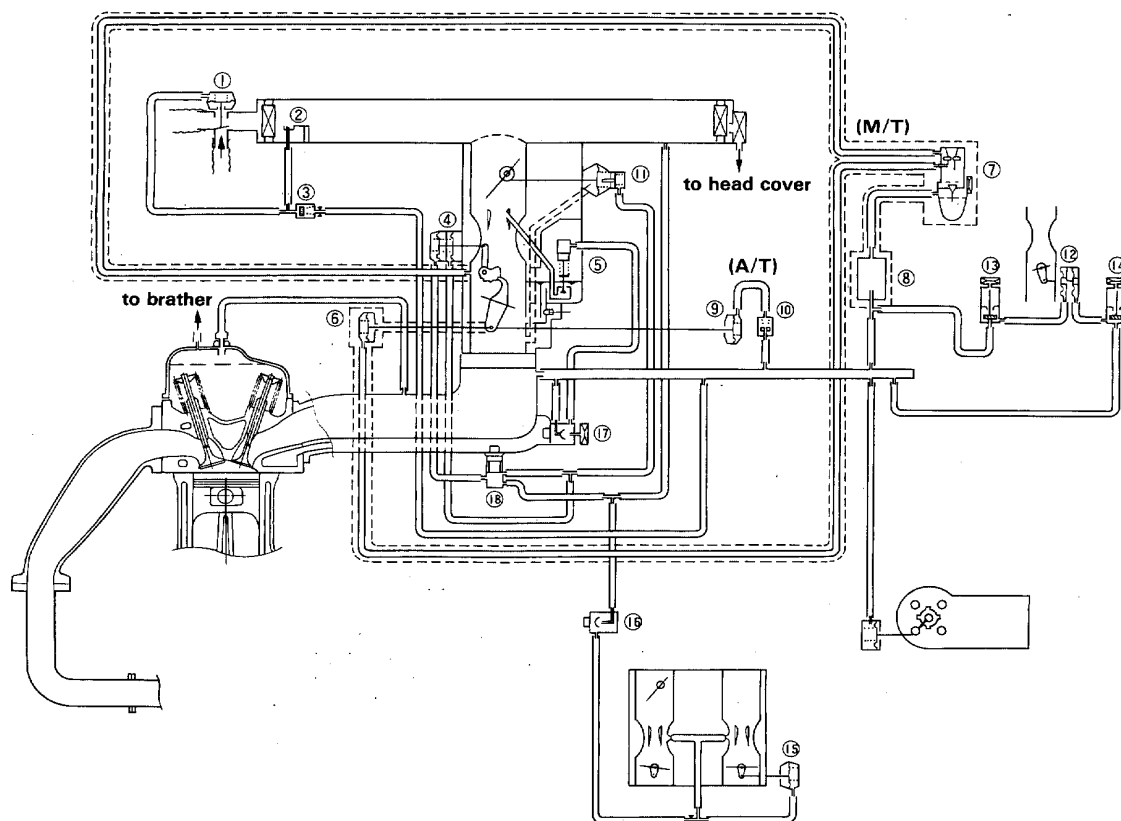
- ⑪CHOKE OPENER
- ⑫IDLE BOOST THROTTLE CONTROLLER
- ⑬IDLE BOOST SOLENOID VALVE
- ⑭A/C IDLE BOOST SOLENOID VALVE
- ⑮SECONDARY DIAPHRAGM
- ⑯THERMOVALVE D
- ⑰THERMOVALVE C
- ⑱THERMOVALVE A
- ⑲CANISTER
- ⑳TWO-WAY VALVE
- ㉑AIR VENT CUT-OFF SOLENOID VALVE



# System Description

## Vacuum Connections

(KP, KT)



①AIR CONTROL DIAPHRAGM

②AIR BLEED VALVE

③CHECK VALVE

④FAST IDLE UNLOADER

⑤POWER VALVE

⑥THROTTLE CONTROLLER (M/T)

⑦THROTTLE CONTROLLER CONTROL VALVE (M/T)

⑧AIR CHAMBER (M/T)

⑨THROTTLE CONTROLLER (A/T)

⑩CHECK VALVE (A/T)

⑪CHOKE OPENER

⑫IDLE BOOST THROTTLE CONTROLLER

⑬IDLE BOOST SOLENOID VALVE

⑭A/C IDLE BOOST SOLENOID VALVE

⑮SECONDARY DIAPHRAGM

⑯THERMOVALVE D

⑰THERMOVALVE C

⑱THERMOVALVE A