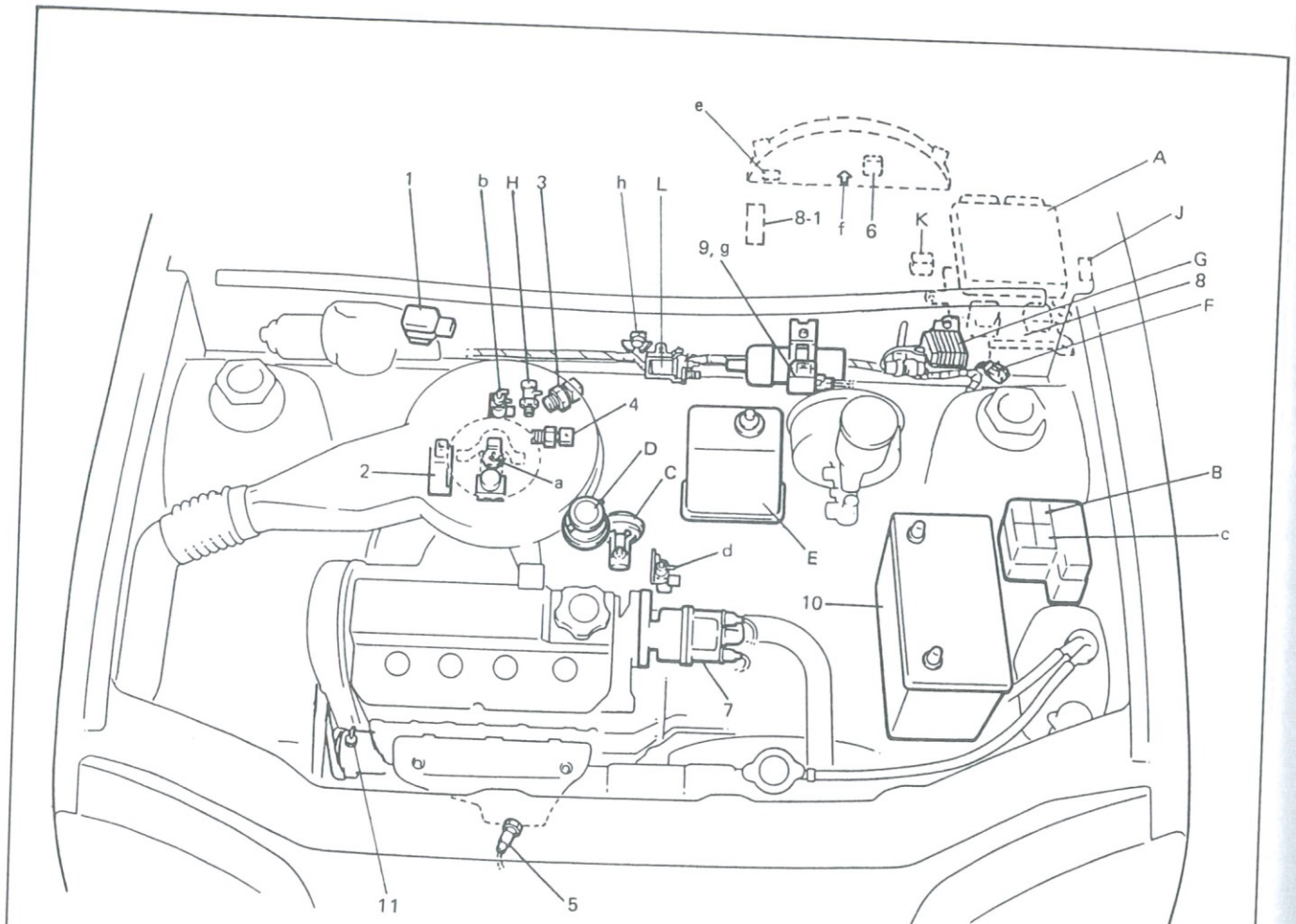
ELECTRONIC CONTROL SYSTEM

The electronic control system consists of 1) various sensors which detect the state of engine and driving conditions, 2) ECM which controls various devices according to the signals from the sensors and 3) various controlled devices.
Fanctionally, it is divided into six sub systems:

- Fuel injection control system
- ISC solenoid valve control system
- Fuel pump control system
- EGR control system
- Shift-up indicator light control system (If equipped)
- ESA (Electronic Spark Advance) system

Also, with A/T model ECM sends throttle valve opening signal to A/T control module to control A/T.



INFORMATION SENSORS
1. Pressure sensor
2. TPS
3. ATS
4. WTS
5. Oxygen sensor
6. VSS
7. CAS (in distributor)
8. Diagnosis switch terminal on junction/fuse block (Not for Germany spec. model)
8-1. Diagnosis switch (Germany spec. model only)
9. Igniter (power unit)
10. Battery
11. P/S pressure switch (If equipped)

CONTROLLED DEVICES
a : Fuel injector
b : ISC solenoid valve
c : Fuel pump relay
d : EGR VSV
e : "CHECK ENGINE" light
f : Shift-up indicator light (if equipped)
g : Igniter (Power unit)
h : P/S VSV (if equipped)

OTHER
A : ECM
B : Main relay
C : EGR valve
D : EGR modulator
E : Canister
F : Monitor coupler
G : Injector resistor
H : BVSV
J : Electric load diode
K : Serial data coupler (Assembly line diag. link)
L : A/C VSV (if equipped)

Fig. 6E-11 Parts Location

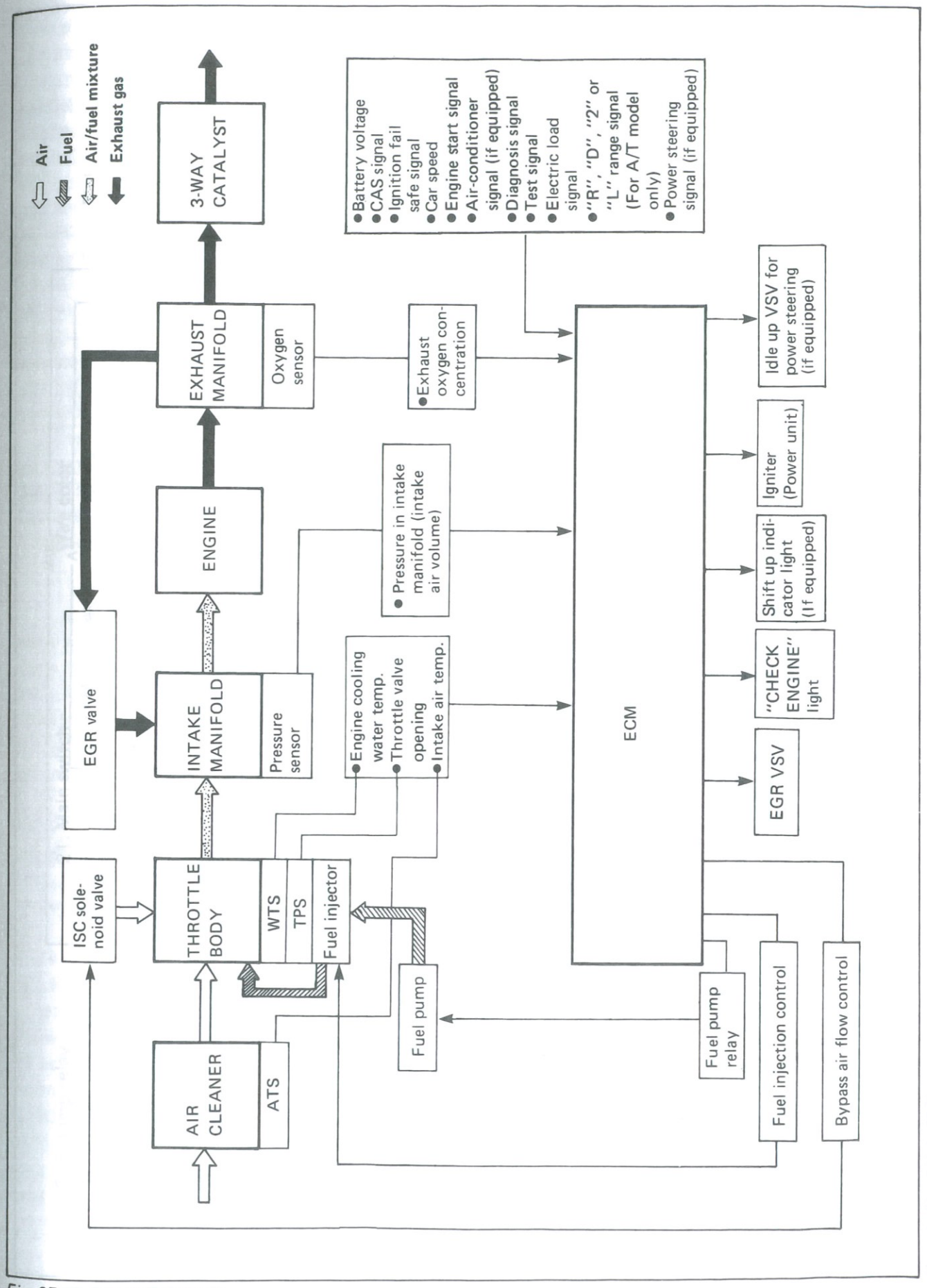


Fig. 6E-12 System Schematic