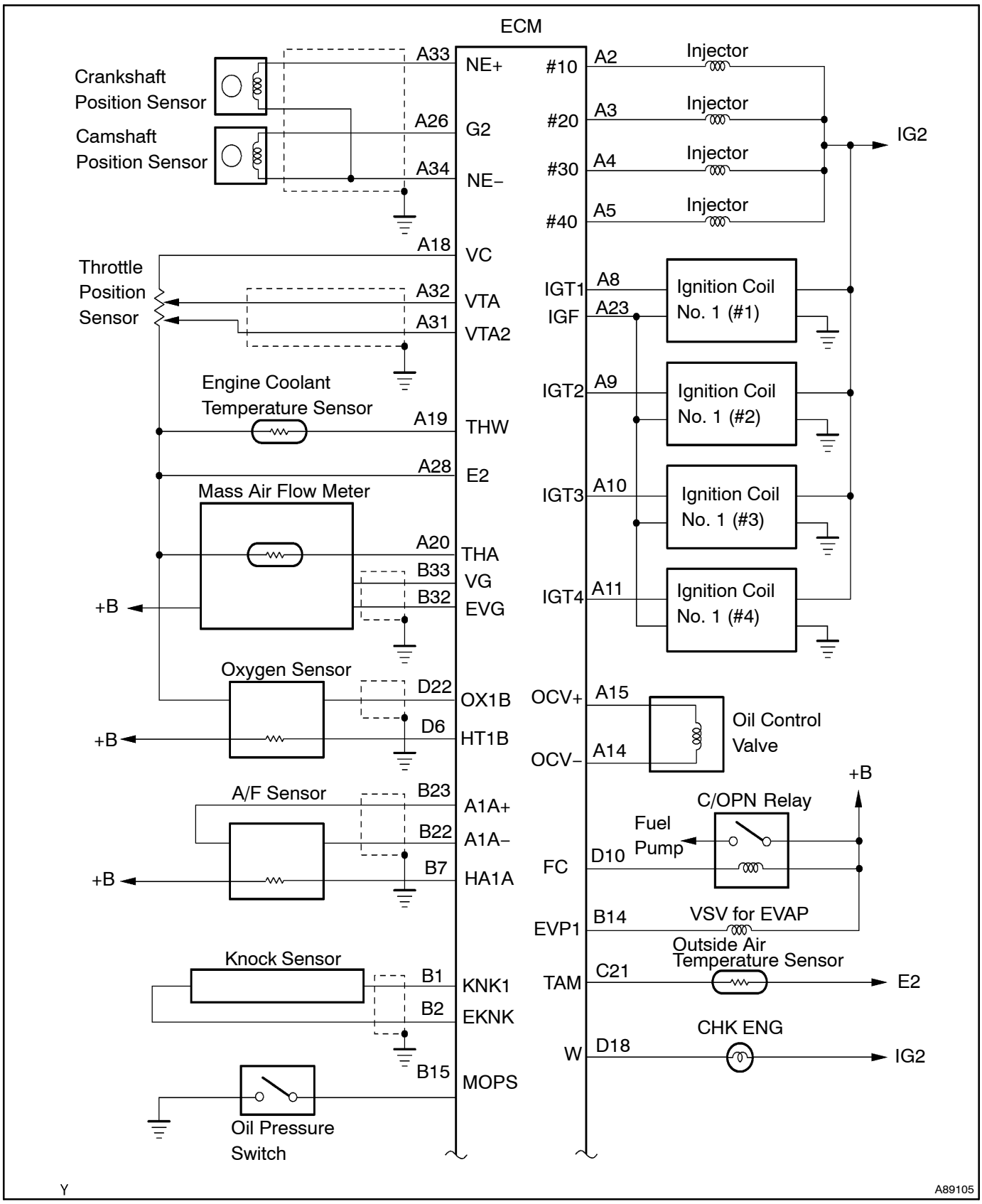
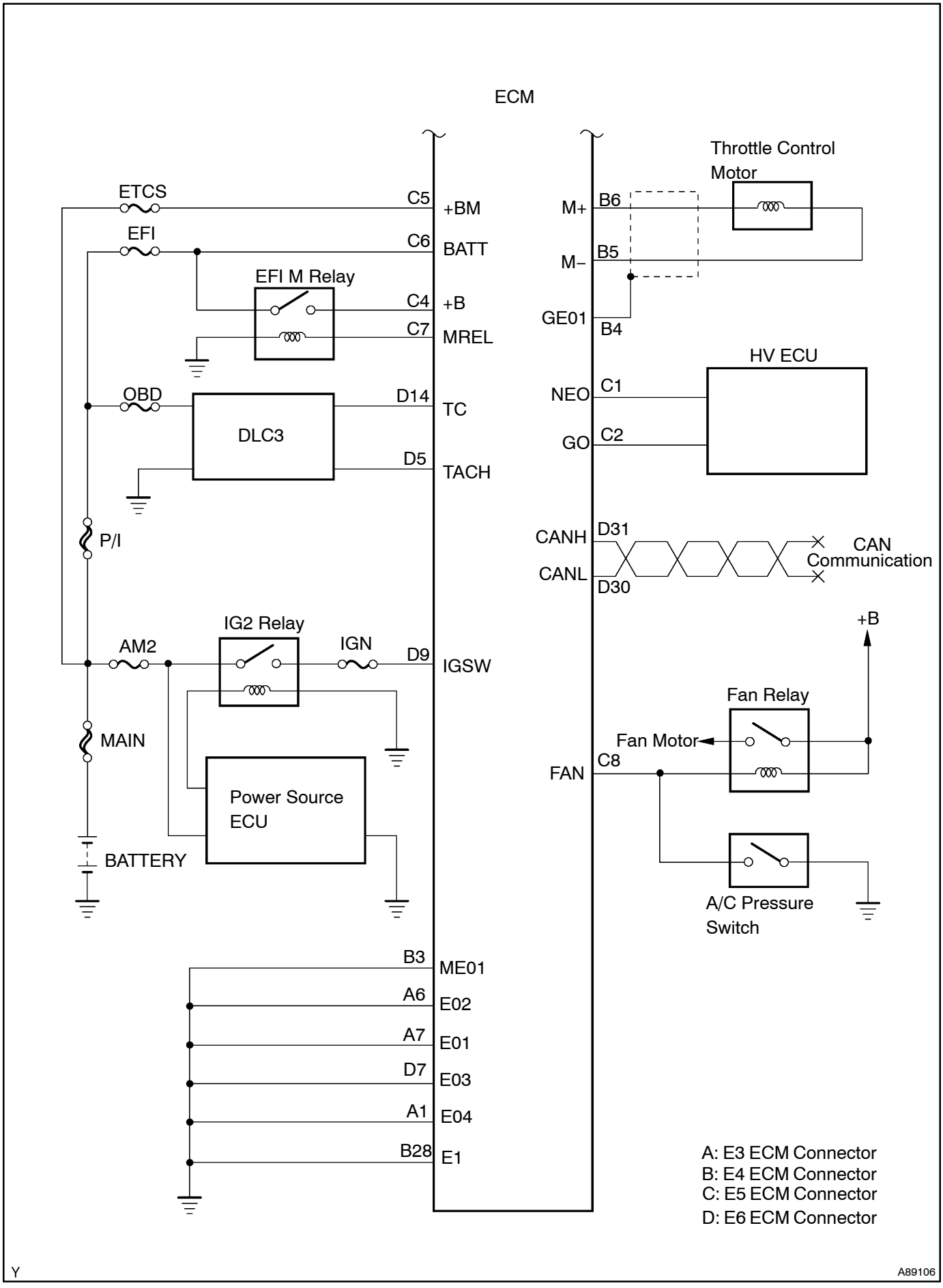
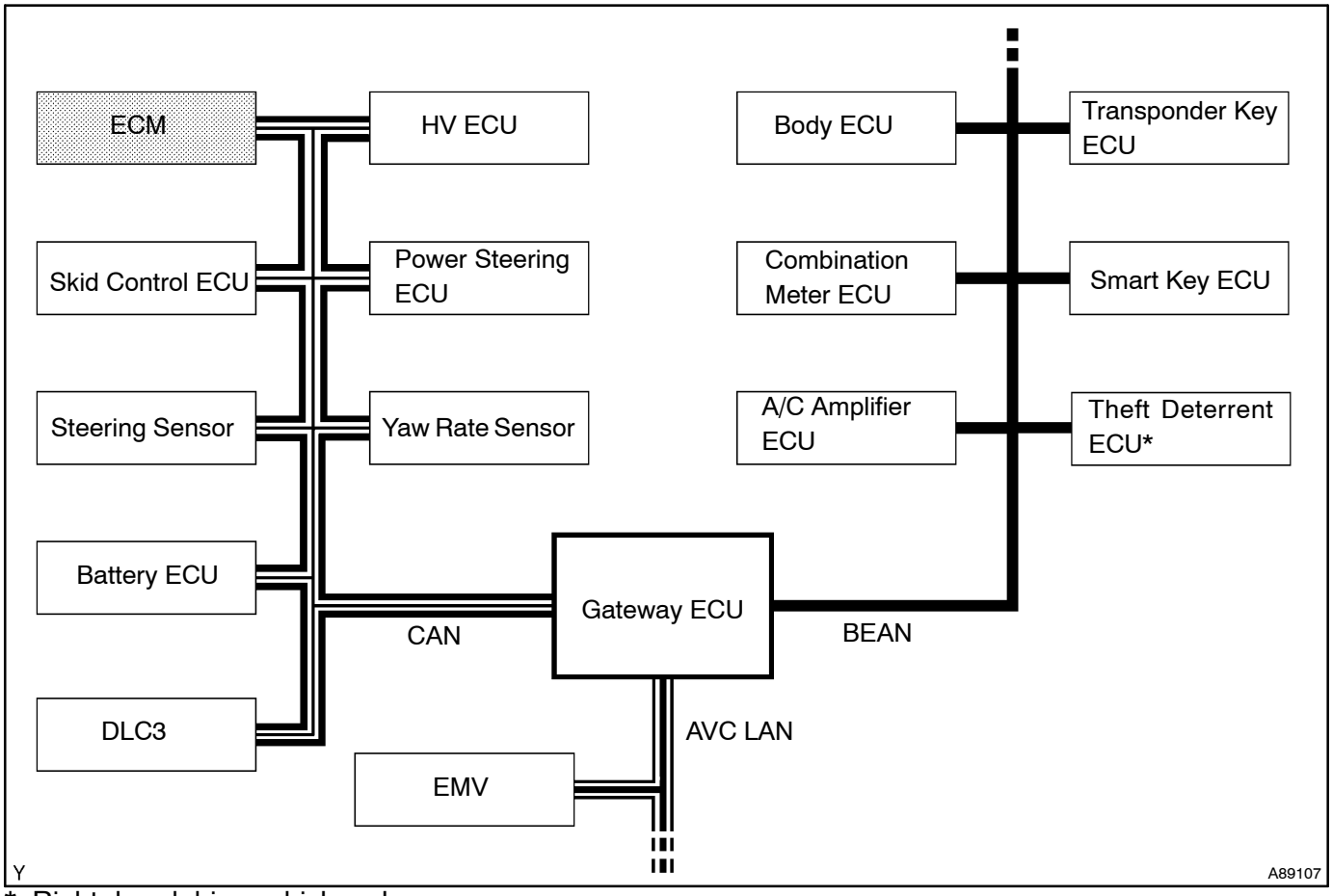
05IIY–01

SYSTEM DIAGRAM




ECM
ETCS
C5
+BM
EFI
C6
BATT
EFI M Relay
C4
+B
C7
MREL
OBD
D14
TC
DLC3
D5
TACH
P/I
IG2 Relay
AM2
IGN
D9
IGSW
MAIN
Power Source
ECU
BATTERY
B3
ME01
A6
E02
A7
E01
D7
E03
A1
E04
B28
E1
Throttle Control
Motor
M+
B6
M–
B5
GE01
B4
HV ECU
NEO
C1
GO
C2
CANH
D31
CANL
D30
CAN
Communication
+B
Fan Relay
Fan Motor
FAN
C8
A/C Pressure
Switch
A: E3 ECM Connector
B: E4 ECM Connector
C: E5 ECM Connector
D: E6 ECM Connector
Y
A89106

COMMUNICATION WITH OTHER COMPUTERS



*: Right–hand drive vehicle only.

COMMUNICATIONS

The ECM communicates with the following ECM and ECUs using the signals listed below. The following table explains receiving and sending signals by ECM or ECU.

Transmit To	Receive From	Signal	Communication Line
HV ECU	ECM	• Inspection mode signal • MIL illumination requirement • Shift position information • Ready state • Starter ON	CAN
ECM	HV ECU	• Ambient temperature • Intake air temperature • Radiator fan drive • Engine warm–up requirement • Engine rpm	CAN
ECM	Battery ECU	• Engine rpm	CAN
ECM	Power steering ECU	• Inspection mode	CAN
ECM	Skid Control ECU	• Inspection mode	CAN, BEAN
ECM	Body ECU	• Inspection mode • Engine rpm	BEAN, CAN
Conbination Meter ECU	ECM	• Fuel level	BEAN, CAN
ECM	Combination Meter ECU	• Engine coolant temperature • Engine rpm • Injection volume • Inspection mode • Engine oil pressure switch	BEAN, CAN
ECM	Air conditioner Amplifier ECU	• Engine coolant temperature • Engine rpm • Ambient air temperature	BEAN, CAN
ECM	Smart Key ECU	• Engine rpm	BEAN, CAN
ECM	EMV	• Engine coolant temperature • Inspection mode • Engine oil pressure switch	ACV LAN, CAN