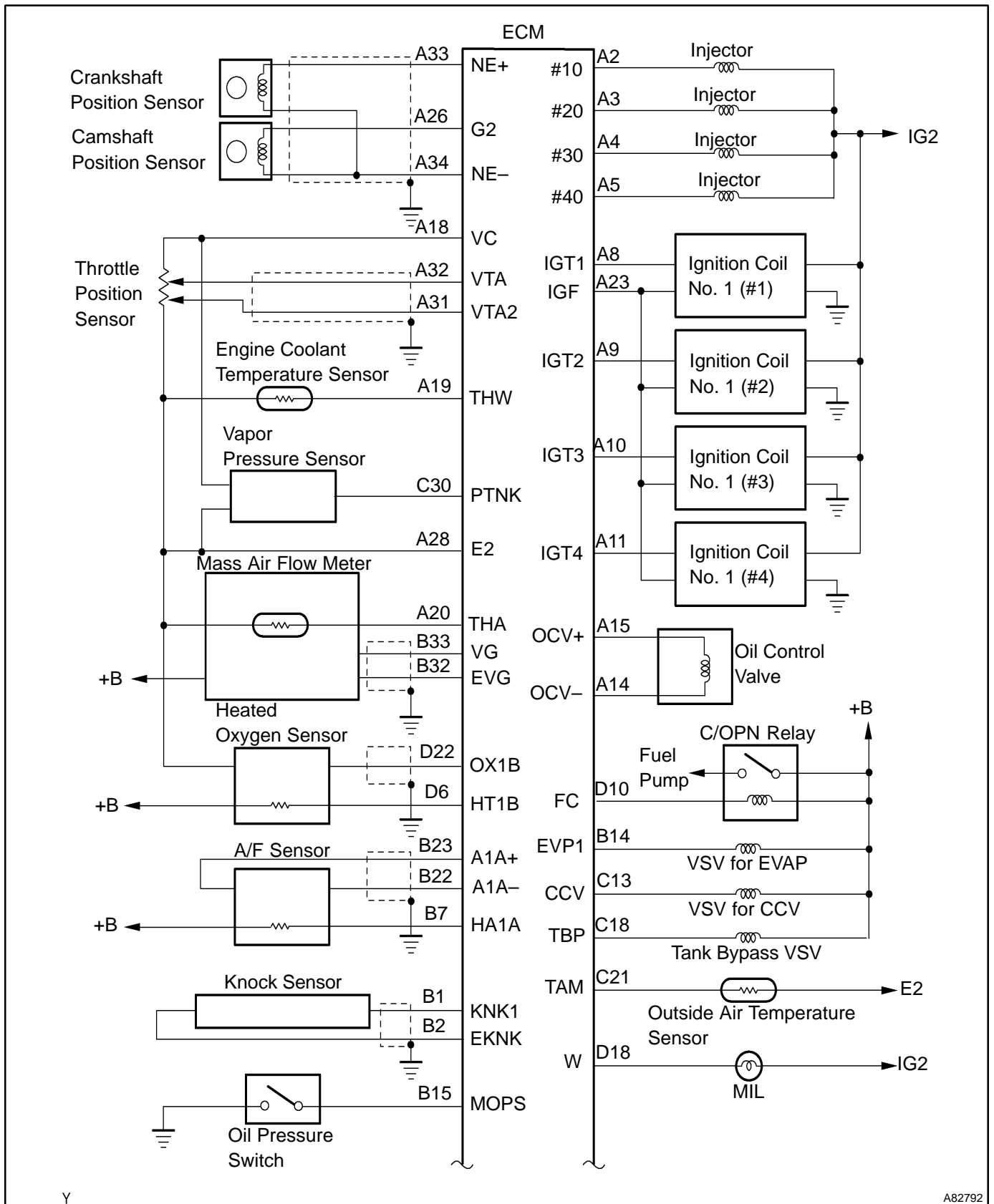
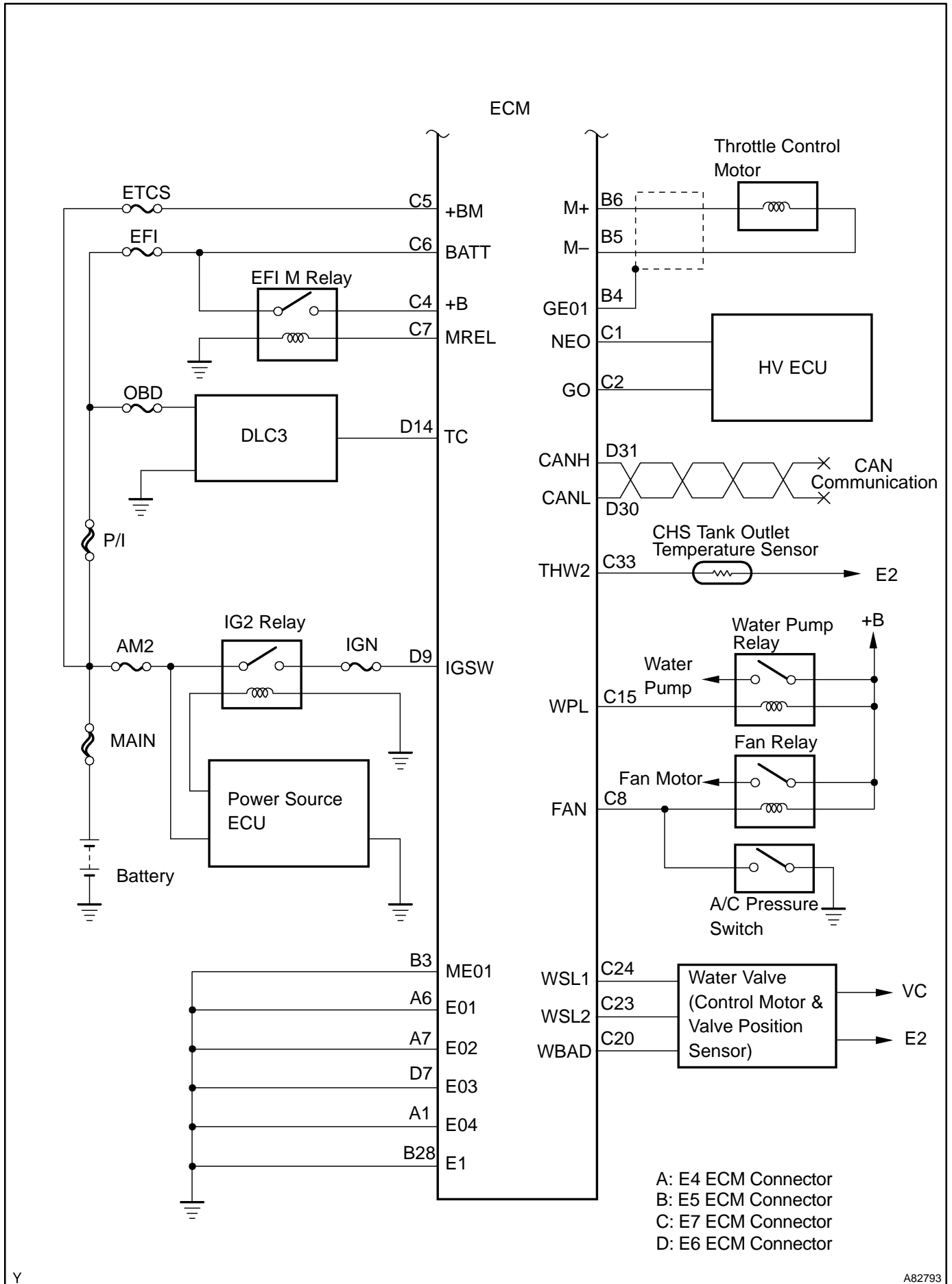


SYSTEM DIAGRAM



Y

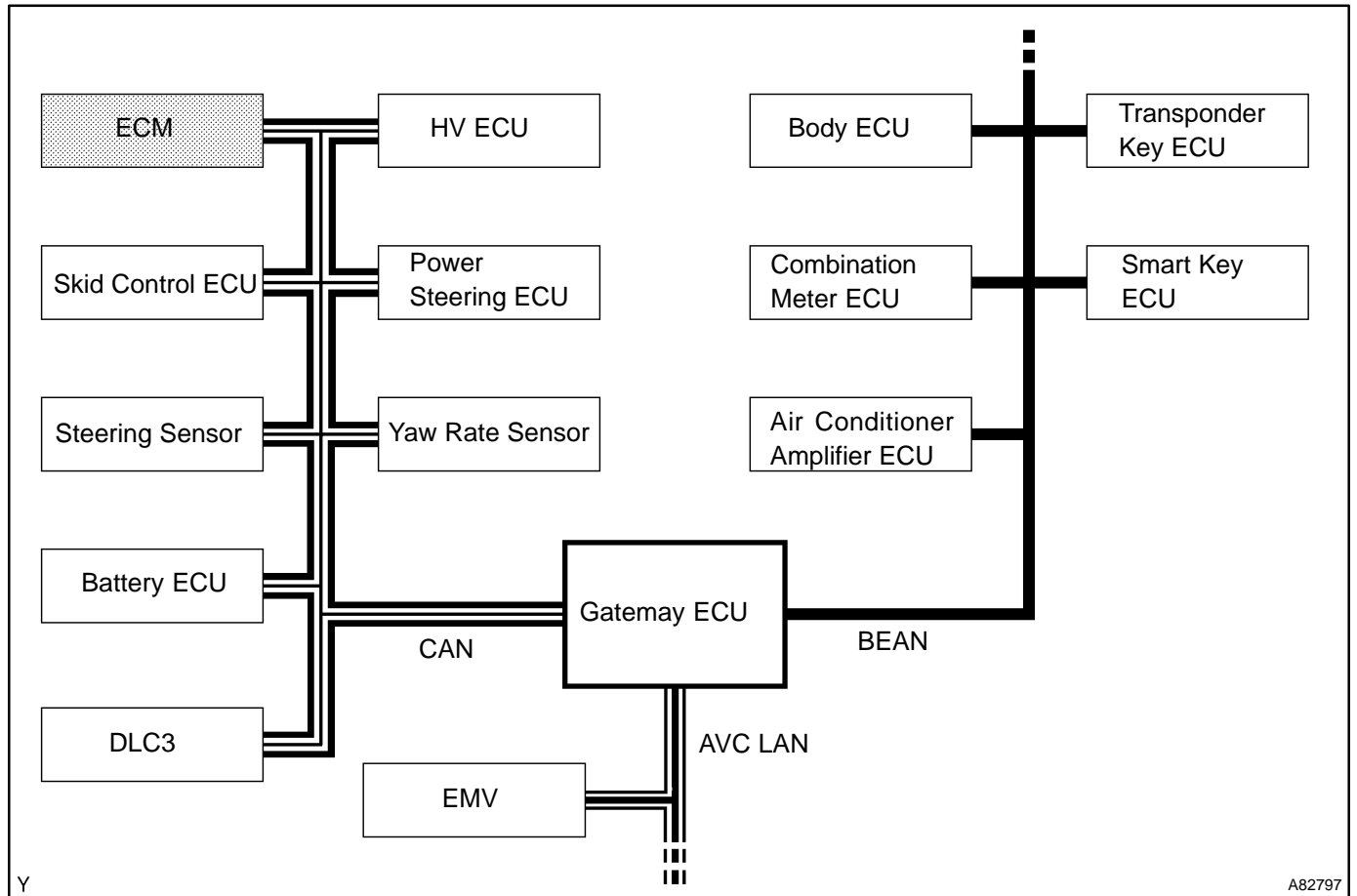
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COMMUNICATION WITH OTHER COMPUTERS



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 | <ul style="list-style-type: none"> • Inspection mode signal • MIL illumination requirement • Shift position information • Ready state • Starter ON | CAN |
| ECM | HV ECU | <ul style="list-style-type: none"> • Ambient temperature • Intake air temperature • Radiator fan drive • Engine warm-up requirement • Engine rpm | CAN |
| ECM | Battery ECU | <ul style="list-style-type: none"> • Engine rpm | CAN |
| ECM | Power steering ECU | <ul style="list-style-type: none"> • Inspection mode | CAN |
| ECM | Skid Control ECU | <ul style="list-style-type: none"> • Inspection mode | CAN |
| ECM | Body ECU | <ul style="list-style-type: none"> • Inspection mode • Engine rpm | BEAN, CAN |
| METER | ECM | <ul style="list-style-type: none"> • Fuel level | BEAN, CAN |
| ECM | Combination Meter ECU | <ul style="list-style-type: none"> • Engine coolant temperature • Engine rpm • Injection volume • Inspection mode • Engine oil pressure switch | BEAN, CAN |
| ECM | Airconditioner Amplifier ECU | <ul style="list-style-type: none"> • Engine coolant temperature • Engine rpm • Ambient temperature • Coolant heat storage water valve close | BEAN, CAN |
| ECM | Smart Key ECU | <ul style="list-style-type: none"> • Engine rpm | BEAN, CAN |
| ECM | EMV | <ul style="list-style-type: none"> • Engine coolant temperature • Inspection mode • Engine oil pressure switch | ACV LAN, CAN |