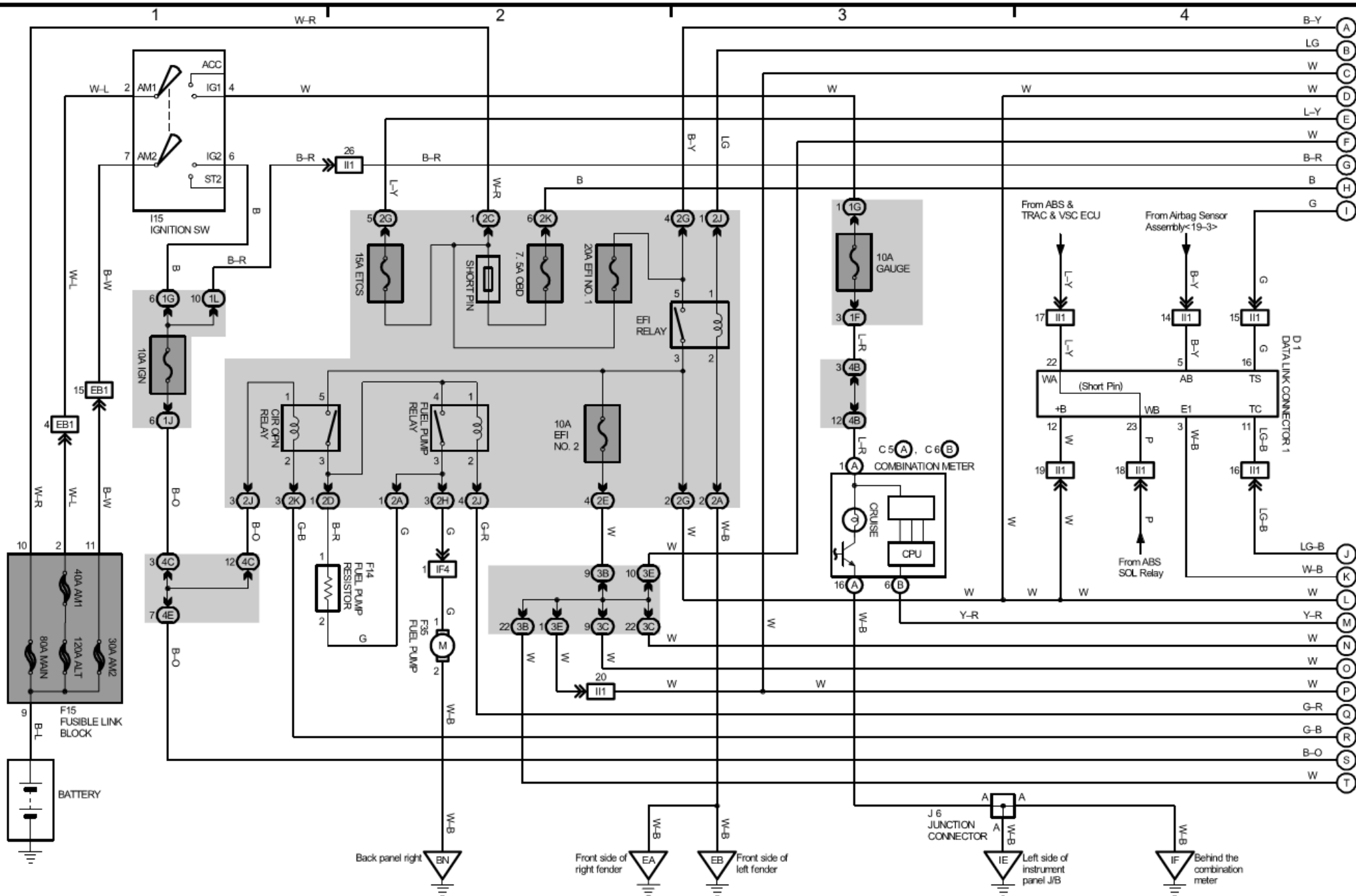


Engine Control and Engine Immobiliser System



Wiring Diagram for 2000 Toyota Camry Engine Control System

Legend:

Color	Wire Color
A	B-Y
B	LG
C	W
D	W
E	L-Y
F	W
G	B-R
H	B
I	B
J	LG-B
K	W-B
L	W
M	Y-R
N	W
O	W
P	W
Q	G-R
R	G-B
S	B-O
T	W

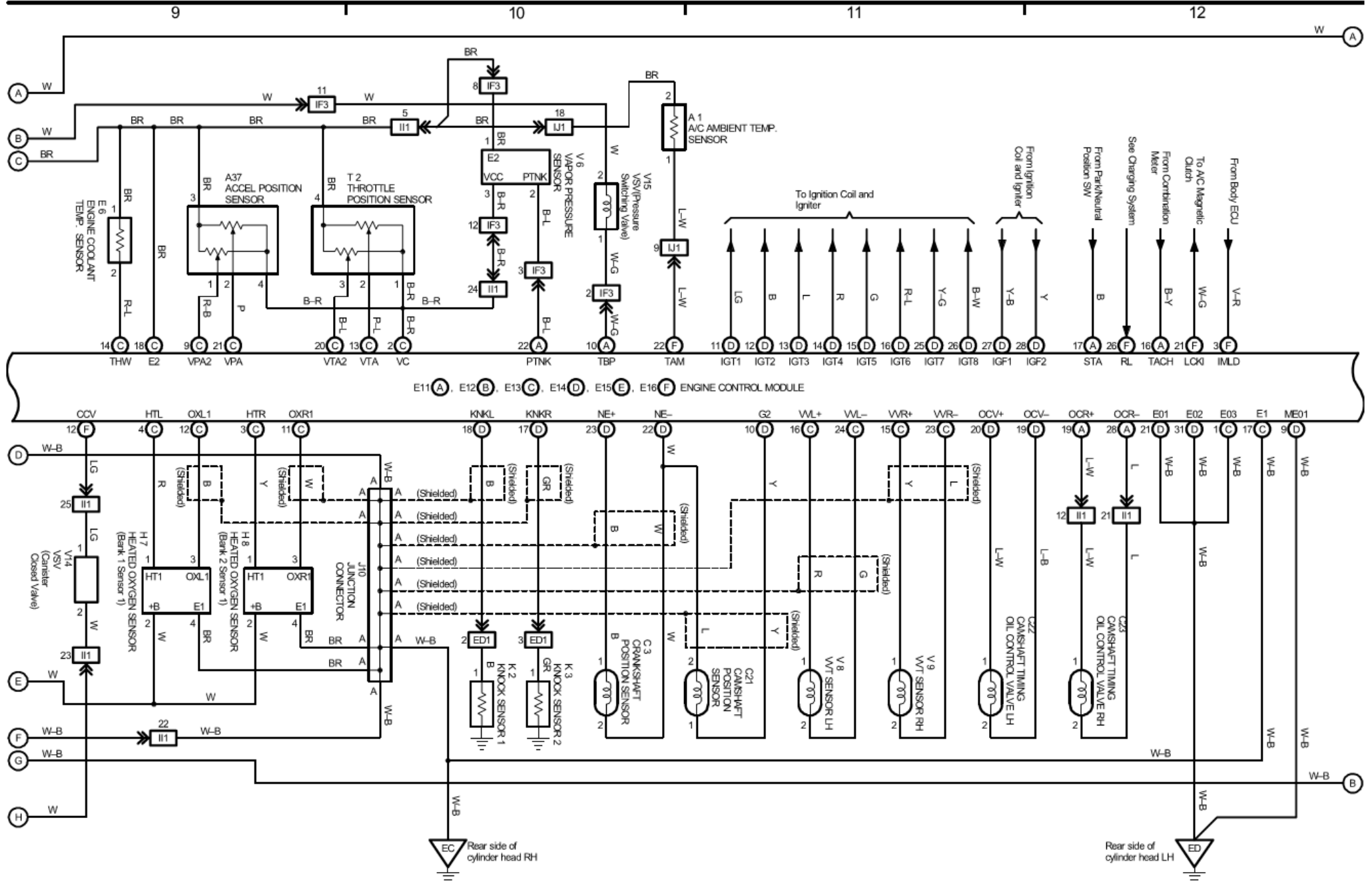
Engine Control Module (ECM) Pinout:

Pin	Signal	Wire Color
1	HTL2	W-B
2	HTL2	W-B
3	HTL2	W-B
4	HTL2	W-B
5	HTL2	W-B
6	HTL2	W-B
7	HTL2	W-B
8	HTL2	W-B
9	HTL2	W-B
10	HTL2	W-B
11	HTL2	W-B
12	HTL2	W-B
13	HTL2	W-B
14	HTL2	W-B
15	HTL2	W-B
16	HTL2	W-B
17	HTL2	W-B
18	HTL2	W-B
19	HTL2	W-B
20	HTL2	W-B
21	HTL2	W-B
22	HTL2	W-B
23	HTL2	W-B
24	HTL2	W-B
25	HTL2	W-B
26	HTL2	W-B
27	HTL2	W-B
28	HTL2	W-B
29	HTL2	W-B
30	HTL2	W-B
31	HTL2	W-B
32	HTL2	W-B
33	HTL2	W-B
34	HTL2	W-B
35	HTL2	W-B
36	HTL2	W-B
37	HTL2	W-B
38	HTL2	W-B
39	HTL2	W-B
40	HTL2	W-B
41	HTL2	W-B
42	HTL2	W-B
43	HTL2	W-B
44	HTL2	W-B
45	HTL2	W-B
46	HTL2	W-B
47	HTL2	W-B
48	HTL2	W-B
49	HTL2	W-B
50	HTL2	W-B
51	HTL2	W-B
52	HTL2	W-B
53	HTL2	W-B
54	HTL2	W-B
55	HTL2	W-B
56	HTL2	W-B
57	HTL2	W-B
58	HTL2	W-B
59	HTL2	W-B
60	HTL2	W-B

Key Components and Connections:

- Mass Air Flow Meter:** Connected to the ECM via the V10 (VSW/ACIS) and V2 (VSW/EVAP) sensors.
- Throttle Position Sensor (THA):** Connected to the ECM via the THA (1) and VG (5) pins.
- Intake Air Temperature Sensor (V10):** Connected to the ECM via the V10 (VSW/ACIS) pin.
- Coolant Temperature Sensor (V2):** Connected to the ECM via the V2 (VSW/EVAP) pin.
- Crankshaft Position Sensor (I13):** Connected to the ECM via the I13 (INJECTOR NO. 8) pin.
- Camshaft Position Sensor (I12):** Connected to the ECM via the I12 (INJECTOR NO. 7) pin.
- Fuel Injectors:** Eight injectors (I11-I18) are connected to the ECM via the I11-I18 pins. The injectors are labeled: I11 (INJECTOR NO. 6), I12 (INJECTOR NO. 7), I13 (INJECTOR NO. 8), I14 (INJECTOR NO. 9), I15 (INJECTOR NO. 10), I16 (INJECTOR NO. 11), I17 (INJECTOR NO. 12), and I18 (INJECTOR NO. 13).
- ECUs:** The ECM is connected to the ABS & TRAC & VSC ECU, the Airbag Sensor Assembly, and the Air Suspension ECU.
- Data Link Connector 3:** The ECM is connected to the D5 Data Link Connector 3.

Engine Control and Engine Immobiliser System



Engine Control and Engine Immobiliser System

Cruise Control

