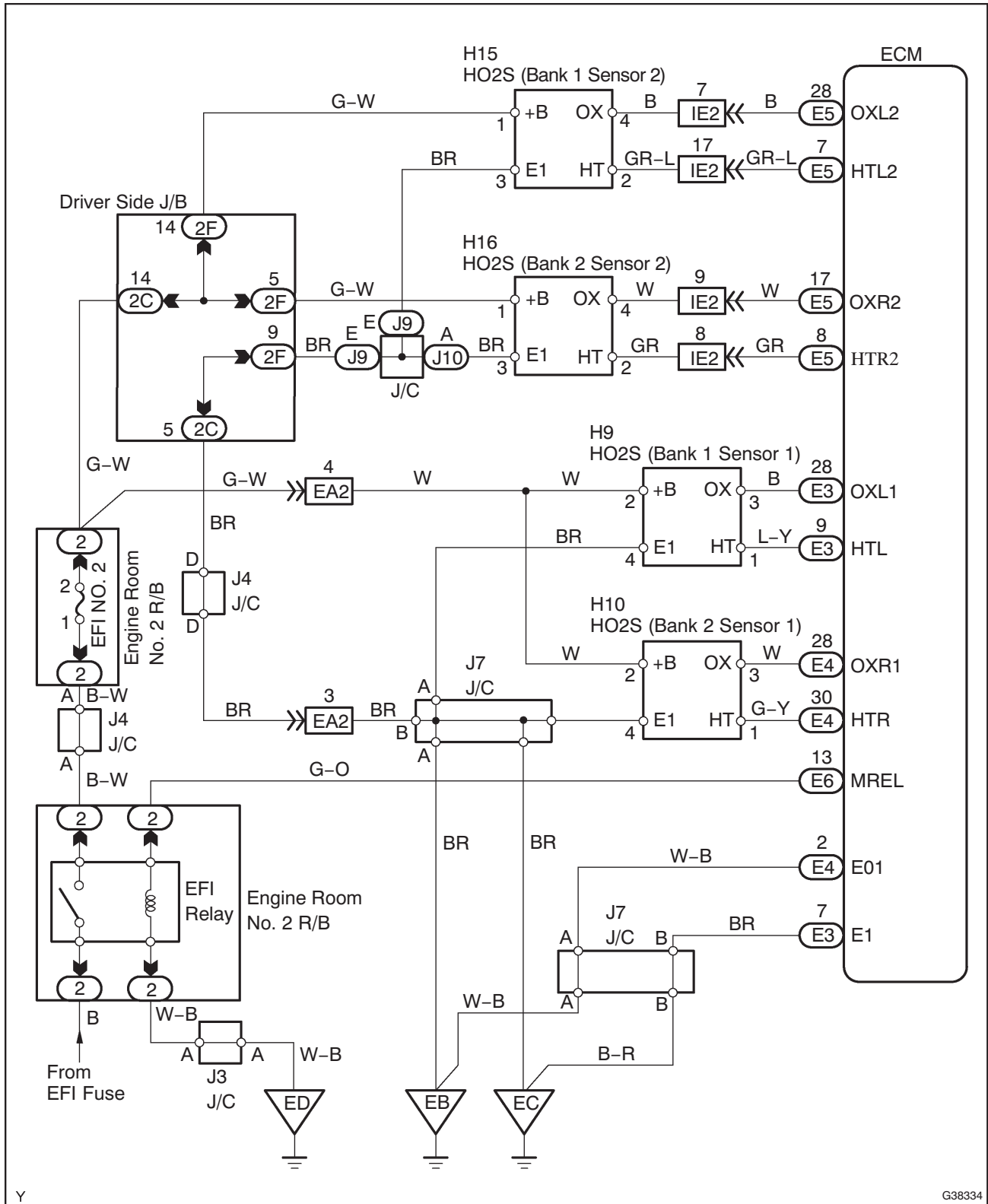


TYPICAL MALFUNCTION THRESHOLDS

Following conditions are met	
HO2S (sensor 1) voltage	Less than 0.45 V
Time while intrusive closed Loop	15 seconds

WIRING DIAGRAM



G38334

2 READ DATA LIST (HO2S (SENSOR 1) VOLTAGE)

- (a) Connect the hand-held tester to the DLC3.
- (b) Enter the following menus: DIAGNOSIS / ENHANCED OBD II / DATA LIST / PRIMARY f/ O2S B1S1 (O2S B2S1).
- (c) Allow the engine to idle until the ECT reaches 40°C (104°F).
- (d) Quickly depress the accelerator pedal 3 times until the engine RPM reaches 4,000 rpm. Then, read the HO2S (sensor 1) voltage.

Standard: HO2S (sensor 1) voltage is 0.45 V or more at least once.

OK → Go to step 11

NG

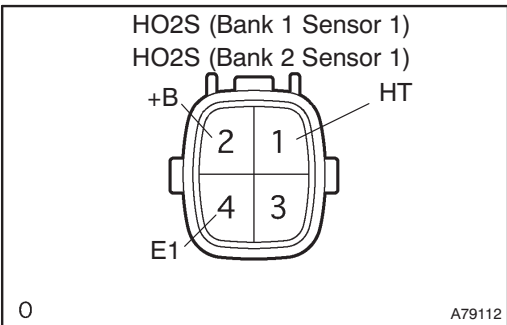
3 CHECK CONNECTION OF PCV HOSE

OK: PCV hose is connected correctly and is not damaged.

NG → REPAIR OR REPLACE PCV HOSE

OK

4 INSPECT HEATED OXYGEN SENSOR



- (a) Disconnect the H9 and H10 HO2S connectors.
- (b) Measure the resistance of the HO2Ss.

Standard:

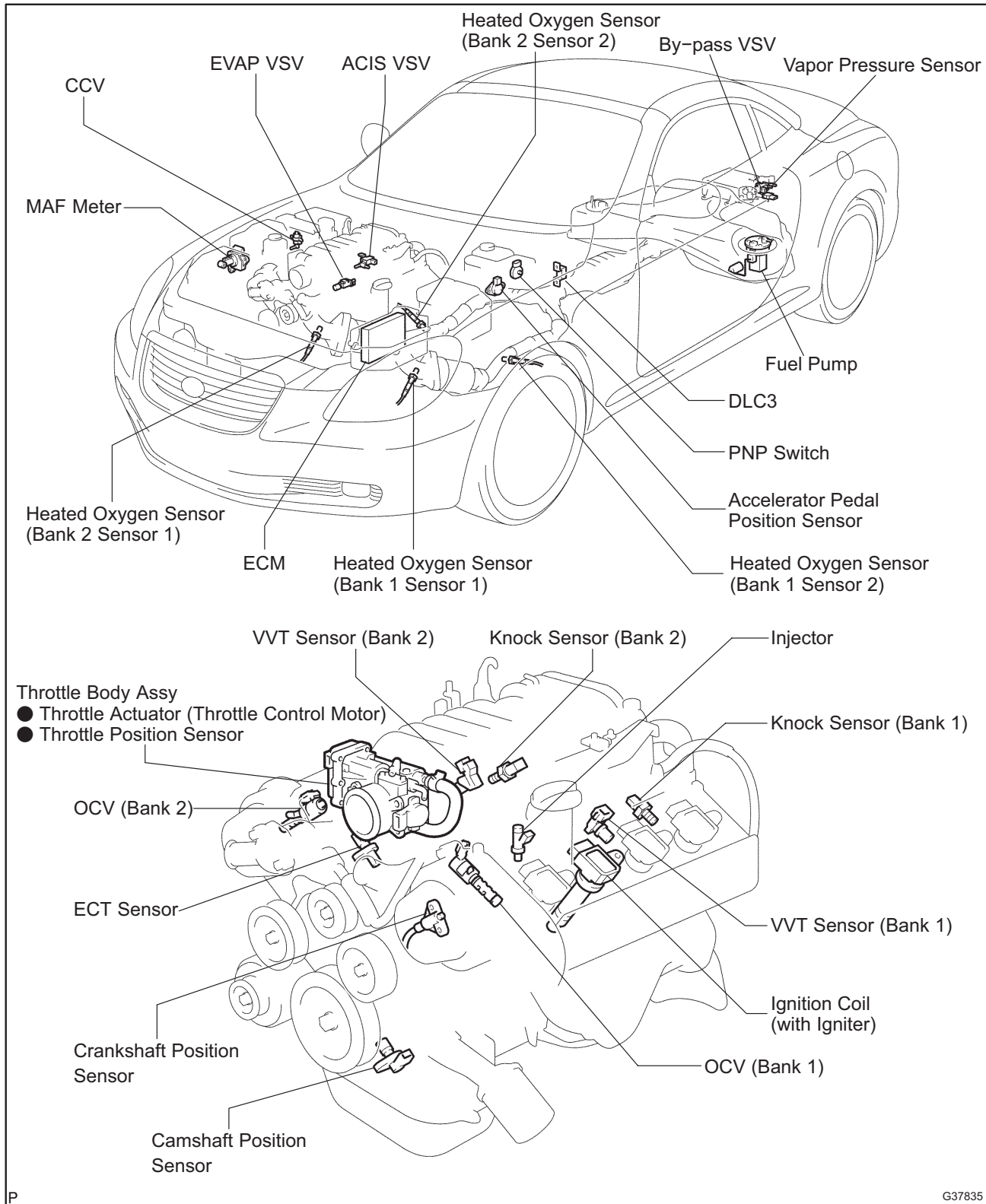
Tester Connection	Specified Condition
1 (HT) - 2 (+B)	5 to 10 Ω at 20 °C (68 °F)
1 (HT) - 4 (E1)	10 kΩ or higher

NG → REPLACE HEATED OXYGEN SENSOR

OK

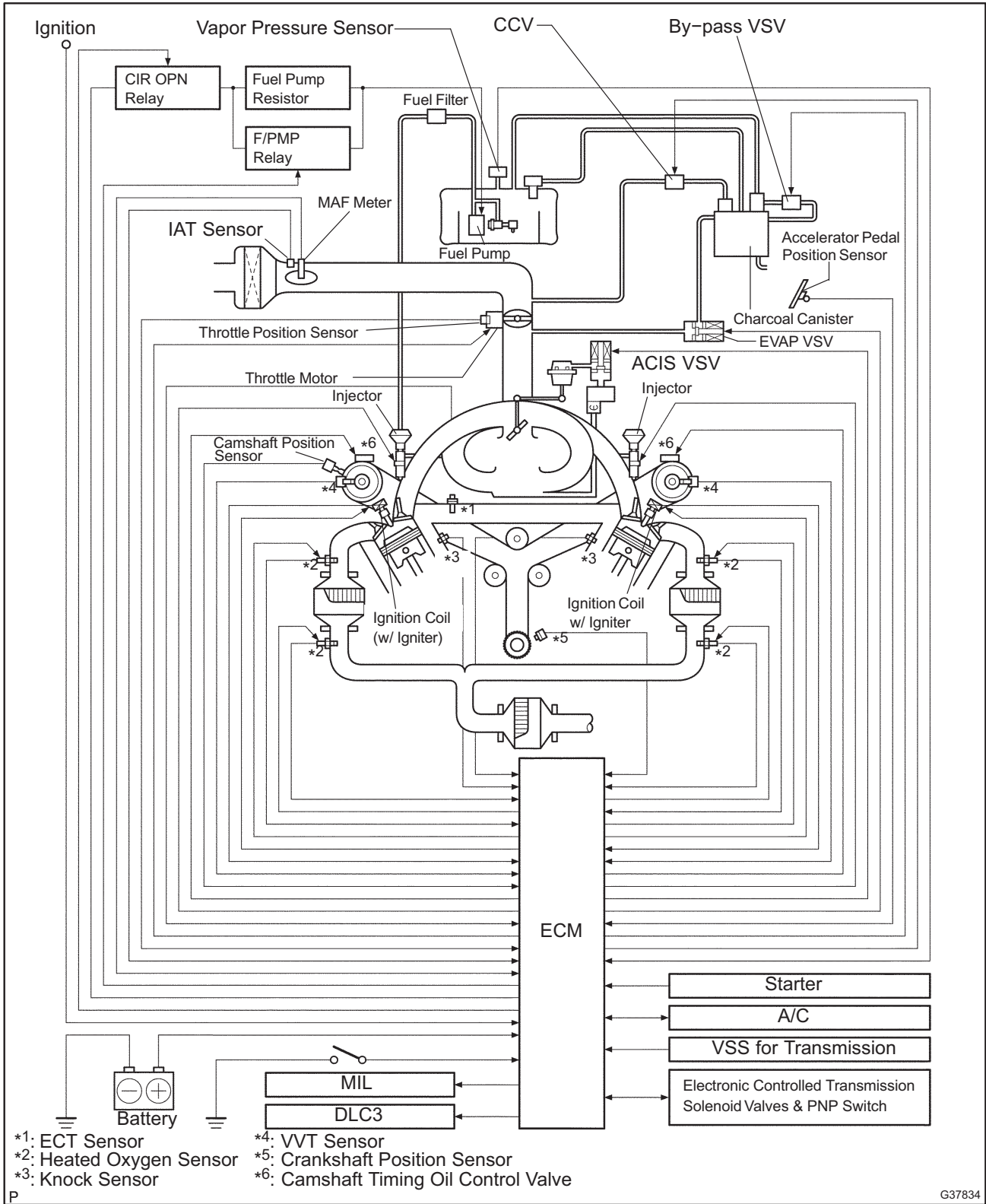
SFI SYSTEM LOCATION

100SW-01

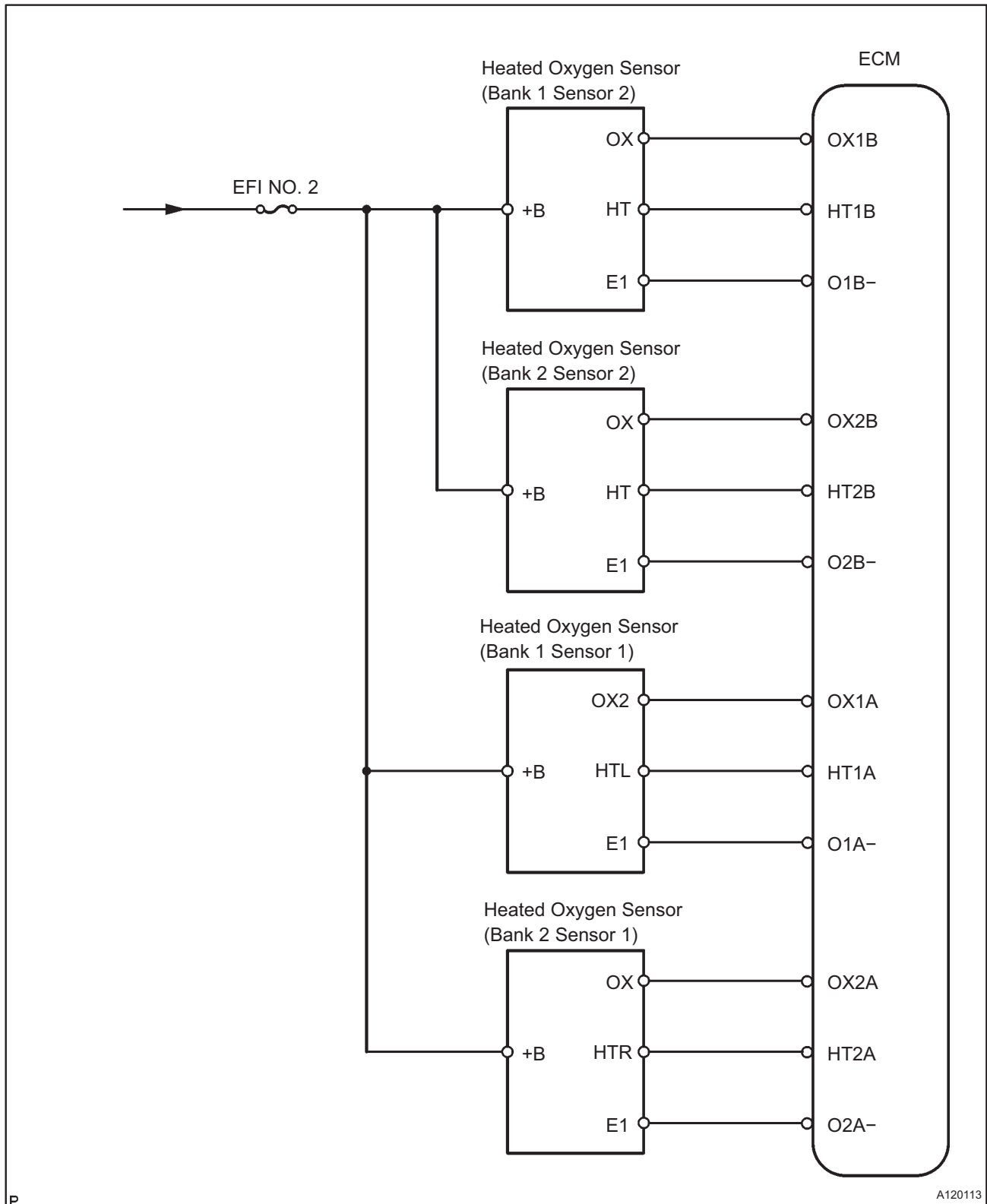


SYSTEM DIAGRAM

The engine control system is controlled by the ECM based on signals from various sensors.

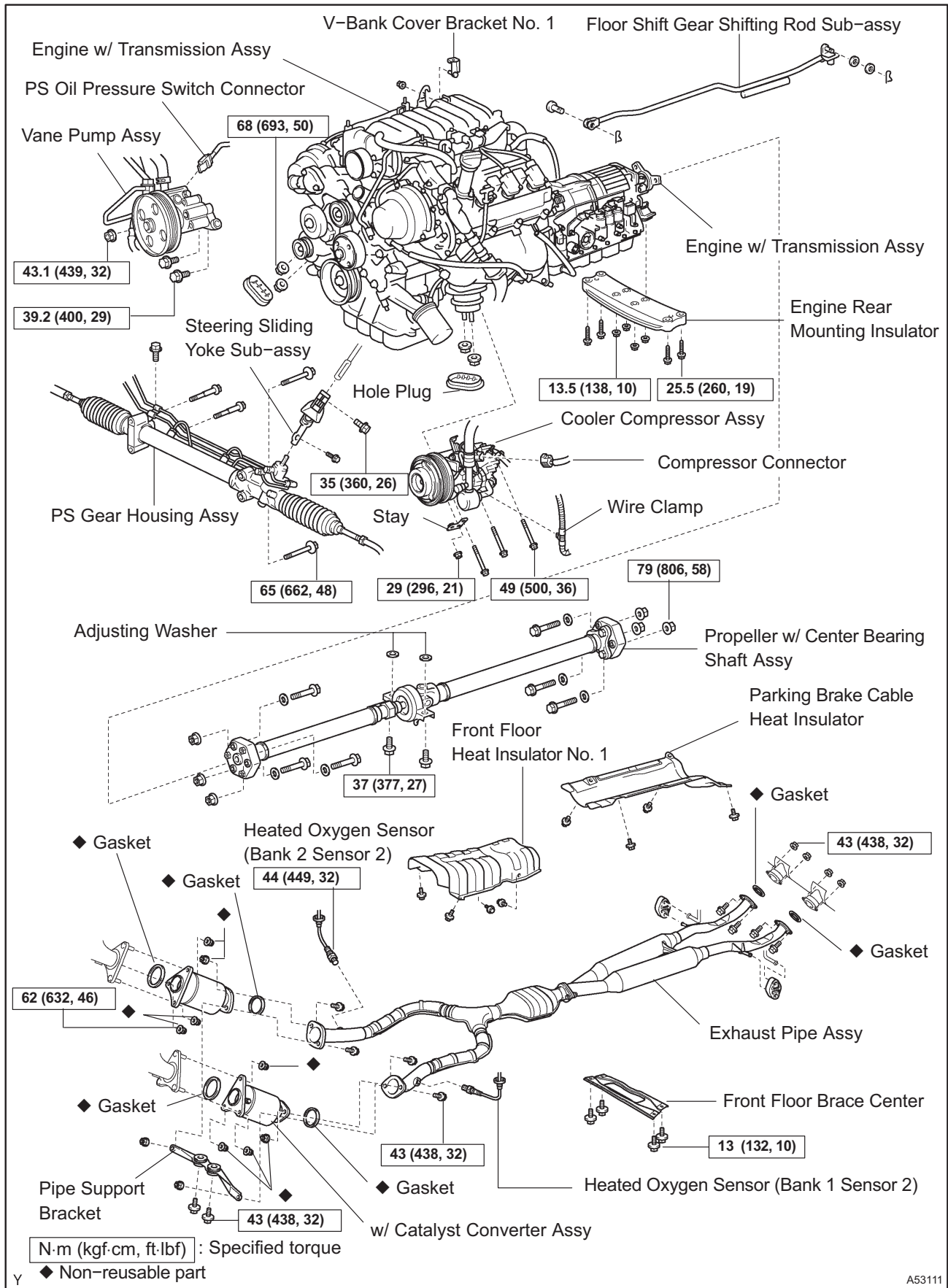


- *1: ECT Sensor
- *2: Heated Oxygen Sensor
- *3: Knock Sensor
- *4: VVT Sensor
- *5: Crankshaft Position Sensor
- *6: Camshaft Timing Oil Control Valve



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