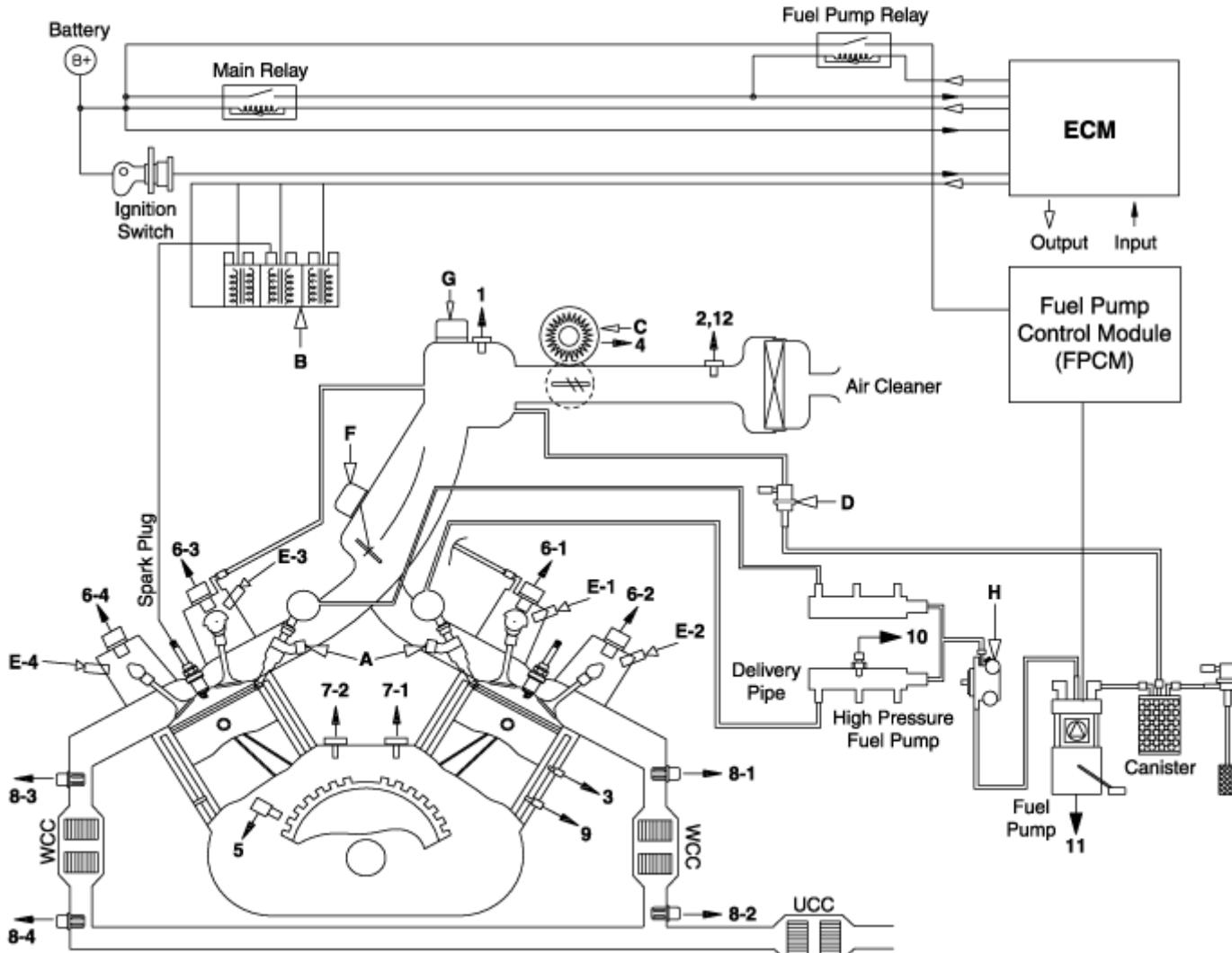


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SCHEMATIC DIAGRAM

1. Manifold Absolute Pressure Sensor (MAPS)	· Spark switch signal	A. Injector
2. Intake Air Temperature (IATS)	· Battery power signal	B. Ignition Coil
3. Engine Coolant Temperature Sensor (ECTS)	· Speed signal	C ETC Motor [Integrated into ETC Module]
4. Throttle Position Sensor (TPS) [integrated into ETC Module]	· Cooling load signal	D. Purge Control Solenoid Valve (PCSV)
5. Crankshaft Position Sensor (CKPS)	· Inhibitor switch signal	E-1. Variable Force Solenoid (VFS) [Bank 1 / Intake]
6-1. Camshaft Position Sensor (CMPS) [Bank 1 / Intake]		E-2. CVVT Oil Control Valve (OCV) [Bank 1 / Exhaust]
6-2. Camshaft Position Sensor (CMPS) [Bank 1 / Exhaust]		E-3. Variable Force Solenoid (VFS) [Bank 2 / Intake]
6-3. Camshaft Position Sensor (CMPS) [Bank 2 / Intake]		E-4. CVVT Oil Control Valve (OCV) [Bank 2 / Exhaust]
6-4. Camshaft Position Sensor (CMPS) [Bank 2 / Exhaust]		F. Variable Intake Solenoid Valve (VIS) valve 1
7-1. Knock Sensor (KS) [Bank 1]		G. Variable Intake Solenoid Valve (VIS) valve 2
7-2. Knock Sensor (KS) [Bank 2]		H. Fuel Pressure Control Valve [FPCV]
8-1. Heated Oxygen Sensor (HO2S) [Bank 1 / Sensor1]		· Main Relay
8-1. Heated Oxygen Sensor (HO2S) [Bank 1 / Sensor2]		· Fuel Pump Relay
8-1. Heated Oxygen Sensor (HO2S) [Bank 2 / Sensor1]		· A/C Control signal
8-1. Heated Oxygen Sensor (HO2S) [Bank 2 / Sensor2]		· Diagnosis
9. CVVT Oil Temperature Sensor (OTS)		
10. Rail Pressure Sensor (RPS)		
11. Fuel Level Sensor (FLS)		
12. Barometric Pressure Sensor (BPS)		
· Accelerator Position Sensor (APS)		
· A/C Pressure Transducer (APT)		



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