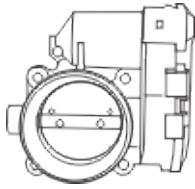


Drive By Wire

Connections



DBW Idle

ECU

Analogue Voltage Inputs

<input type="checkbox"/> B13		GY/Y	AVI1 → Wideband O2 1 Sensor
<input type="checkbox"/> A16		O/B	AVI2 → TPS 1
<input type="checkbox"/> A17		O/R	AVI3 → TPS 2
<input type="checkbox"/> A2		O/Y	AVI4 → APP 1
<input type="checkbox"/> B20		O/G	AVI5 → APP 2
<input type="checkbox"/> B12		GY/O	AVI6 → Brake Pressure Sensor Front
<input type="checkbox"/> B3		GY	AVI7 → Air Temperature Sensor
<input type="checkbox"/> B4		V	AVI8 → Coolant Temperature Sensor
<input type="checkbox"/> A15		Y	AVI9 → Manifold Pressure Sensor
<input type="checkbox"/> A14		W	AVI10

Digital Pulsed Outputs

<input type="checkbox"/> B25		BR/B	DBW1 P1
<input type="checkbox"/> B26		BR/R	DBW1 P2
<input type="checkbox"/> A18		V/B	DPO1
<input type="checkbox"/> A1		V/BR	DPO2
<input type="checkbox"/> A23		V/R	DPO3
<input type="checkbox"/> B19		V/O	DPO4
<input type="checkbox"/> A24		B/Y	DPO5 → Fuel Pump
<input type="checkbox"/> A25		B/R	DPO6 → ECR Output
<input type="checkbox"/> A3		Y/B	IGN1 → Ignition Output 1
<input type="checkbox"/> A4		Y/R	IGN2
<input type="checkbox"/> A5		Y/O	IGN3
<input type="checkbox"/> A6		Y/G	IGN4
<input type="checkbox"/> A19		L	INJ1 → Stage 1 - Injection Output 1
<input type="checkbox"/> A20		L/B	INJ2
<input type="checkbox"/> A21		L/BR	INJ3
<input type="checkbox"/> A22		L/R	INJ4
<input type="checkbox"/> A31		G	STEP1 P1
<input type="checkbox"/> A32		G/B	STEP1 P2
<input type="checkbox"/> A33		G/BR	STEP1 P3

ECU

Digital Pulsed Outputs

A34  G/R **STEP1 P4**

Home Input

B2  Y **HOME**

Knock Inputs

B21  GY/G **KNOCK1**

DC Motor Outputs





☐ B25  BR/B
☐ B26  BR/R] **DBW Motor 1** → Drive By Wire

Pressure Inputs



OBPS1















Sync Pulsed Inputs

☐ B8  GY **SPI1** → Brake Pedal Switch
 B9  GY/B **SPI2**
 B10  GY/BR **SPI3**
 B7  GY/R **SPI4**

Stepper Outputs

A31  G
 A32  G/B
 A33  G/BR
 A34  G/R] **STEP1**

System References

☐ A9  O **+5V DC** → 5V Sensors
☐ A12  O/W **+8V DC** → 8V Sensors
☐ A13  P **+12V IGN IN** → Ignition Switch
☐ B11  R/W **+13.8V ECU PWR** → 10A Fused Power
☐ A26  R/L **+13.8V INJ PWR** → 20A Fused Power
☐ A10  B
☐ A11  B] **BATTERY GND** → Battery (-ve)
 B23  W **CAN HIGH**
 B24  L **CAN LOW**
☐ B2  Y **HOME (+ve)** → Home System (+)
 B6  G **HOME (-ve)**
☐ B14  B/W
☐ B15  B/W
☐ B16  B/W] **SIGNAL GND** → 0V Sensors

ECU

System References

<input type="checkbox"/>	B1		Y	TRIGGER (+ve) → Trigger System (+)
	B5		G	TRIGGER (-ve)