DBW1.1, DBW2 Fast Guide



Drive By Wire Throttle Controller

12V.- Power supply for DBW1 (to switch)

GND.- Ground (ground is common for sensors, and other devices)

Motor+, Motor- .- To wire the DBW electric motor

5V.- 5V reference output for Pedal and Electronic Throttle Position Sensor

TX.- Goes to USB tx connector

RX.- Goes to USB rx connector

Pedal in.- Pedal signal input (variable, 0 to 5V)

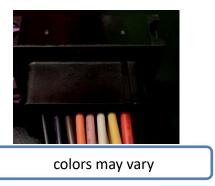
DBW in.- Electronic Throttle signal input (variable, 0 to 5V)

TPS ecu.- Output for ECU TPS signal (pedal in signal can also be used)

AC.- AC system activation input (used to compensate for AC input)

(12v positive or 5V positive for activation, 0V for deactivation)





DBW1.1									DBW2							
Motor1-	5V	Pedal in		DBW1 in	TPS ecu	AC			Motor1-	5V	Pedal in	DBW2 in	DBW1 in	TPS ecu	AC	Motor2+
Motor1+	5V	TX	RX	GND	Χ		GND		Motor1+	5V	TX	RX	GND	Χ		GND
	Х	Pedal2	DBW1B	DBW2 in	DBW2 B	extra	12V		Motor2-	X	Pedal2	DBW1 B	DBW2 in	DBW2 B	extra	12V
				To USB									To USB			

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Typical Connections

