

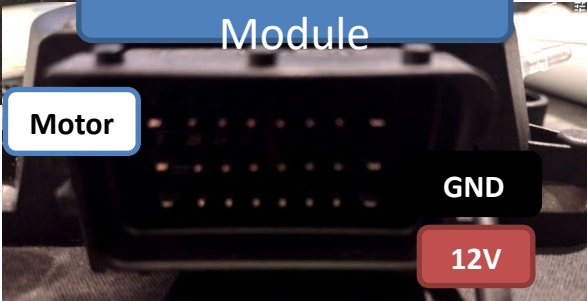
DBW1 Fast Guide

Drive By Wire Throttle Controller



- 12V.- Power supply for DBW1 (to switch)
- GND.- Ground (ground is common for sensors, and other devices)
- OUT+, OUT.- To wire Motor+ and Motor- of the DBW electric motor
- SW1, SW2.- For safety switch, sw1 and sw2 must be connected for the DBW motor to work, if connection is open the motor will go to closed position (used to connect an emergency switch)
- 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)

View from the Module



colors may vary

DBW1

SW2	5V	Pedal in		DBW in	TPS ecu	AC	SW1
Motor +	5V	TX	RX	GND			GND
Motor -							12V

Seen from the Module Connector

 To USB

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Typical Connections

