

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)

RACE USE ONLY

DBW1

SW2	5V	Pedal in		DBW in	TPS ecu	AC	SW1
A8	A7	A6	A5	A4	A3	A2	A1
Motor +	5V	TX	RX	GND			GND
B8	B7	B6	B5	B4	B3	B2	B1
Motor -							12V
C8	C7	C6	C5	C4	C3	C2	C1

Seen from the Module Connector

Va a USB

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Typical Connections

