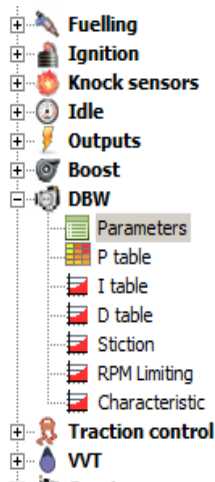


DBW – Drive by wire

Warning !



For safety reasons DBW usage is allowed only in stationary applications!



Parameters	
Module output	Injector 1 (5A, G7)
Pos. sensor input	Analog input #2 (B3)
Pos. inv. sensor input	None
Max pot error	0,1 V
Positive int. limit	10
Negative int. limit	10
Position min.	0,55 V
Position max.	4,51 V
Idle range	8

Module output – output connected to DWB module.

Pos. sensor input – input connected to throttle position signal rising with throttle opening.

Pos. sensor inv. input – input connected to redundant throttle position signal with throttle opening.

Max pot error – max allowed voltage deviation from theoretical redundant throttle position signal.

If this voltage is exceeded, throttle will go into limp mode.

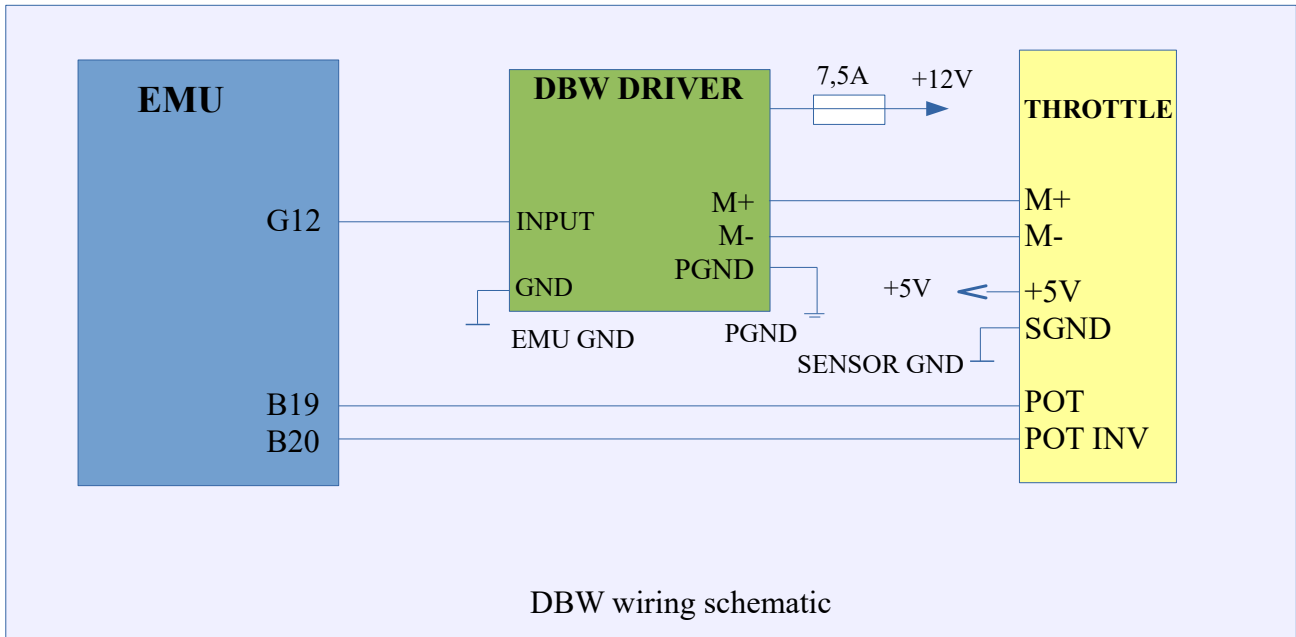
Positive int. limit – PID controller integrator positive limit.

Negative int. limit – PID controller integrator negative limit.

Position min. - throttle sensor voltage with throttle fully closed.

Position max. - throttle sensor voltage with throttle fully opened.

Idle range – Part of throttle operating range that is used for idle control.



Wire color	Plug pin (delphi tower)	Plug pin (superseal)	function
Red	A	1	Ignition +12v, fuse 7.5A
Black	B	2	Power ground
Brown	C	3	EMU ground
Yellow	D	4	Input (for AUX or INJECTOR)
Orange	E	5	MOTOR -
Blue	F	6	MOTOR +