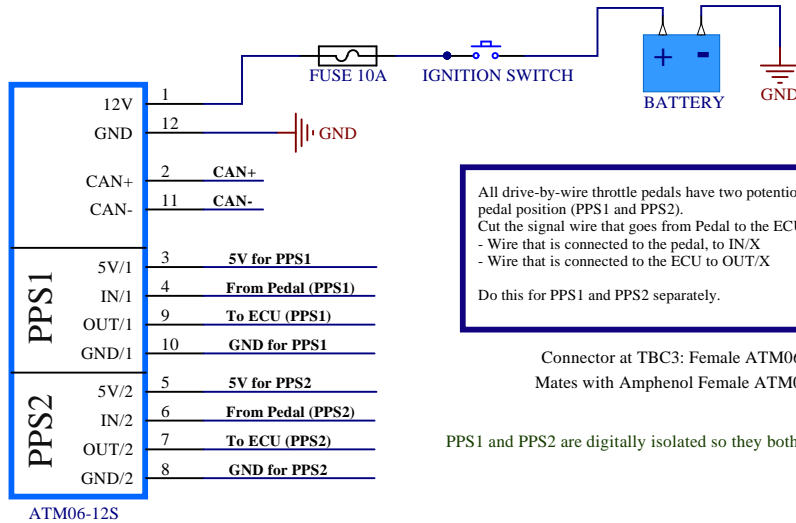


# DBWC

## MME Drive By Wire Controller



All drive-by-wire throttle pedals have two potentiometers to read pedal position (PPS1 and PPS2).  
Cut the signal wire that goes from Pedal to the ECU, then connect:  
- Wire that is connected to the pedal, to IN/X  
- Wire that is connected to the ECU to OUT/X  
Do this for PPS1 and PPS2 separately.

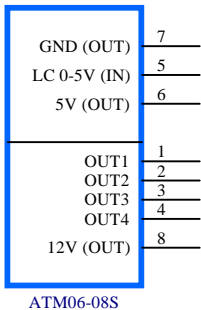
Connector at TBC3: Female ATM06-12S  
Mates with Amphenol Female ATM04-12PA

PPS1 and PPS2 are digitally isolated so they both need 5V and GND to operate. 5V/1 and GND/1 are not connected internally to 5V/2 and GND/2

### Error codes (number of LED blinks):

LED ON - NO ERRORS

- 1 BLINK - PPS1 BELOW MIN VALUE
- 2 BLINKS - PPS1 ABOVE MAX VALUE
- 3 BLINKS - PPS2 BELOW MIN VALUE
- 4 BLINKS - PPS2 ABOVE MAX VALUE
- 5 BLINKS - PPS1/PPS2 DIFFERENCE TOO HIGH
- 6 BLINKS - PPS1 MIN/MAX VALUE INCORRECT
- 7 BLINKS - PPS2 MIN/MAX VALUE INCORRECT
- 8 BLINKS - HCU NOT RESPONDING



- GND (OUT) and 12V (OUT) are internally connected to 12 pin connector GND and 12V
- OUT1-4 are active low outputs (= it will switch to ground when active)

Connector at TBC3: Female ATM06-08S  
Mates with Amphenol Female ATM04-08PA

**MME Drive By Wire Controller**

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Author: M.M.

**MME**  
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