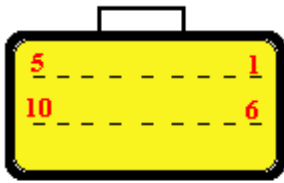


## Econoseal 10 pinout. VEMS Audi 3B default

Note: default Econoseal10 pinout (2014-10-17) printed from www: preferably use your paper included with the device, which might be different (according to actual order options / comments / requests / circumstances).

Please keep (and copy/archive) your paper received with the device. Take notes during install.

Looking into EC10 male. (Verify pin numbering by GND position: Connectivity to JPT55/pin10)



- 1: mcp3208 ch1 (protected)
- 2: mcp3208 ch2 (protected and pulled up)
- 3: Wheel speed input
- 4: Ignition **ch7** (logic level, **cy13**)
- 5: GND
- 6: Ignition **ch1** (logic level, **cy12**)
- 7: Ignition **ch4** (logic level, **cy14**)
- 8: Ignition **ch5** (logic level, **cy15**)
- 9: Ignition ch2 (IGBT)
- 10: Ignition ch3 (IGBT)

The serial cable is ready for Bluetooth or WI-FI (dsub9 pin 9 = +5V).

JPT55pin/1 (Ignition output) is Ignition **ch0** (logic level, **cy11**) through the harness, **cy11** when converting to distributorless: the only channel when using distributor.

When converting to distributorless, the 5 ignition outputs should be configured from VemsTune (vems.hu/vt), burned to eeprom, and ECU rebooted.

The 5 ignition outputs are similar to a standard AAN configuration (which has 5 ignition channels from factory), starting with **cy11=ignch0** in the same position, but 2 ignchannels differ, so check carefully. Firing order: **cy1 1,2,4,5,3** Ignoutputs: **ignch 0,1,4,5,7** respectively (if connected as recommended above).