



## Flex Fuel Wiring & Sensor Kit for KPRO v4

First, review HONDATA's help file for setup info here:

[https://www.hondadata.com/help/kmanager/index.html?flex\\_fuel.htm](https://www.hondadata.com/help/kmanager/index.html?flex_fuel.htm)

### Digital Input Wiring

[https://www.hondadata.com/help/kmanager/index.html?digital\\_input\\_wiring.htm](https://www.hondadata.com/help/kmanager/index.html?digital_input_wiring.htm)

We provide you ONE single wire that you will need to hookup to a fused, switched 12 volt (battery) source. Other than this wire, the kit is plug and play. I would recommend splicing into the ECU power supply (12v) at pin A2 or A3.

DTM 4s Connector (Plug – Male) *This is for setting up any CAN DASH to your KPRO*

1. Power (Red) -12volt
2. Ground (Black)
3. CAN HI (Blue)
4. CAN LO (Yellow)

DTM 3s Connector (Plug - Male) *This is for the Flex Fuel Sensor*

1. Power (Red) -12volt
2. Ground (Black)
3. Converter Output (White), Pulsed Signal output to ECU

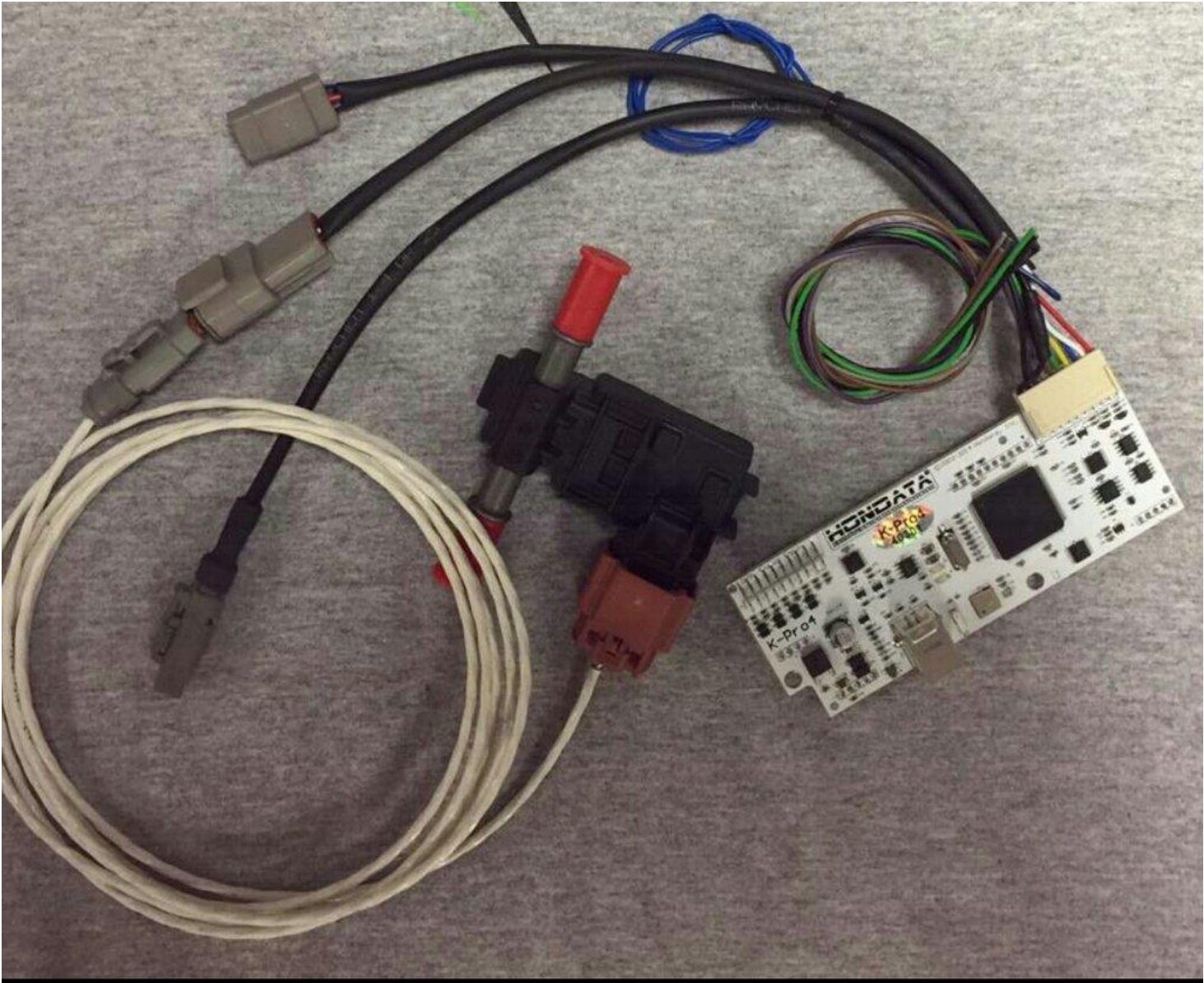
DTM 3p Connector (Receptacle - Female) *This is for setting up an additional Speed Sensor Input to the KPRO*

1. Power (Red) -12volt
2. Ground (Black)
3. Speed Sensor Output (RED, pin1 on Hondadata Board), Pulsed Signal to ECU

### Sensor Subharness

1. Power (Red/Black) – 12 volt
2. Ground (Black)
3. Signal (Blue/Orange) – to ECU

***You are responsible for your own fuel line plumbing. We recommend the sensor be placed into the feed, after the fuel rail but before the fuel pressure regulator in a "return style" fuel system. You can place the sensor inline on the fuel return if needed, but this is not our preferred location. For a returnless system, the sensor must be on the feed, before the fuel rail.***





KPro4(white) digital input / output wiring

Pin	Wire Color	Meaning
Vss	Red	Speed sensor input
Ethanol	White	Ethanol sensor input
CAN H	Blue	CAN high
CAN L	Yellow	CAN low
RS232 Rx	Green	RS232 serial receive
RS232 Tx	Brown	RS232 serial transmit
TTL In-	Grey	TTL serial input (inverted)
TTL In+	Purple	TTL serial input (normal)
TTL Out	Black	TTL serial output
Ground	Black	Ground

