

ECU Manual for:

FAI ECU



To scan these ECU's download HUD ECU Hacker
<https://netcult.ch/elmue/HUD ECU Hacker>

No responsibility is taken for the correctness of the information



Pin	Internal Name	Usage	Wire Color
1	GND	Not connected	
2	GND	GND	Green
3	BTDC	Ignition Coil	Black/Green
4	BAT1	12V from Battery	Red/White
5	KEY IGNI	12V from Ignition Key	Black
6	O2 IN	O2 Sensor	Yellow/Grey
7	TXD	Tx Data (to OBD adapter)	Green/Red
8	PPI	TPS Sensor	Blue/Red
9	MT Drive 1 B	Not connected	
10	MT Drive 1A	Not connected	
11	MT Drive 2A	Not connected	
12	INJECT	Fuel Injector	Black/Red
13	BL1	Not connected	
14	AGND	GND	Green/White
15	CAN H	CAN Hi	
16	CAN L	CAN Lo	
17	LAMP	MIL Lamp	Red/Grey
18	RXD	Rx Data (to OBD adapter)	Green/White
19	PPO	TPS Output	Orang/White
20	AGND	GND	Green/White
21	FAN	Fan (not connected)	
22	MT Drive 2B	Not connected	
23	INJECT	Fuel Injector	
24		Not connected	
25	BKGDI	ECU Programing	Green/Yellow
26	OILDT (Linear OS)	Oil Temp. Sensor (not used)	
27	TAMP	IAT Sensor	Brown/White
28	TENG	Engine Temp. Sensor	Blue
29	CRTS2	Not connected	
30	CRTS1	Not connected	
31	STARMOT	Not connected	
32	TDCI	Not connected	Blue/White
33	15 V	Not connected	

NOTE: The pins Tx Data and Rx Data are for a proprietary Fai adapter which separates receive and transmit other than K-Line. None of the standard adapters (K-Line, ELM327, J2534) can communicate with these pins.