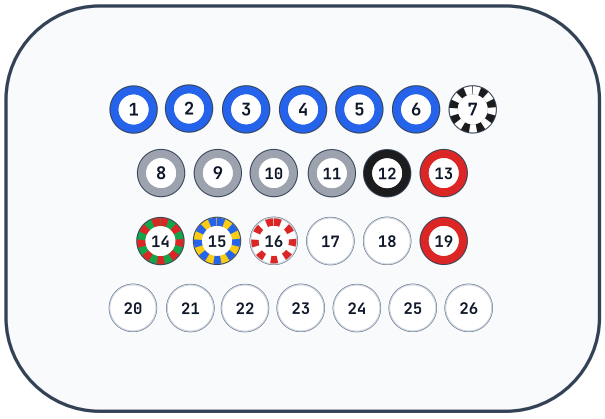
FuelTech FT450 pinout

ecurecovery.com/pinouts/fueltech/ft450 · Every pin checked against at least two of 5 FuelTech documents · data checked 2026-11-04

26-pin connector

AS DRAWN IN FUELTECH'S MANUAL (IT DOES NOT SAY FROM WHICH SIDE)



FuelTech FT450 26-pin connector pinout

Pin	Function	Wire	FuelTech note
1	Blue output #1	Blue #1 Blue	These outputs are usually used for injector control. When needed, they can be configured as auxiliary outputs.
2	Blue output #2	Blue #2 Blue	These outputs are usually used for injector control. When needed, they can be configured as auxiliary outputs.
3	Blue output #3	Blue #3 Blue	These outputs are usually used for injector control. When needed, they can be configured as auxiliary outputs.
4	Blue output #4	Blue #4 Blue	These outputs are usually used for injector control. When needed, they can be configured as auxiliary outputs.
5	Blue output #5	Blue #5 Blue	These outputs are usually used for injector control. When needed, they can be configured as auxiliary outputs.
6	Blue output #6	Blue #6 Blue	These outputs are usually used for injector control. When needed, they can be configured as auxiliary outputs.
7	Power ground input	Black/white	Directly wired to the battery negative terminal with no seams. Do not tap any other grounds to this wire, it must run clean straight to the battery negative terminal.
8	Gray output #1	Gray #1 Grey	These outputs are usually used for ignition control. When needed, they can be set up as injector outputs or auxiliary outputs.
9	Gray output #2	Gray #2 Grey	These outputs are usually used for ignition control. When needed, they can be set up as injector outputs or auxiliary outputs.

Pin	Function	Wire	FuelTech note
10	Gray output #3	Gray #3 Grey	These outputs are usually used for ignition control. When needed, they can be set up as injector outputs or auxiliary outputs.
11	Gray output #4	Gray #4 Grey	These outputs are usually used for ignition control. When needed, they can be set up as injector outputs or auxiliary outputs.
12	Battery negative input	Black	Connected directly to the battery negative with no seams. Do not connect this wire to the chassis, engine block or head.
13	12V input from relay	Red	Connected to the pin 87 of the Main Relay
14	5V outputs for sensors	Green/Red	5V voltage output for TPS, electronic throttle and pedal sensors
15	CAN A (-)	Yellow/Blue	
16	CAN A (+)	White/Red	
17	CAM sync signal input	Shielded Cable (white) White Shielded	Connected to the cam sync sensor (hall or magnetic)
18	Magnetic RPM sensor reference	Black Shielded Cable (White) White Shielded	Connected to the negative wire of the magnetic sensor. When OEM ECU is reading the sensor in parallel, split this wire with OEM sensor negative - Do not connect when using hall effect sensor.
19	RPM signal input	Black Shielded Cable (Red) Red Shielded	Connected to the crank trigger sensor (hall or magnetic) or to the distributor. To VR sensors, use the shield wire the sensor shield. To Hall sensor, do not use the shield as negative
20	Input #1	White #1 White	Sensors input
21	Input #2	White #2 White	Sensors input
22	Input #3	White #3 White	Sensors input
23	Input #4	White #4 White	Sensors input
24	Input #5	White #5 White	Sensors input
25	Input #6	White #6 White	Sensors input
26	Input #7	White #7 White	Sensors input

Where this comes from

FuelTech FT450 / FT550 / FT550LITE / FT600 manual

FT450 / FT550 / FT550LITE / FT600 manual (Harness connections tables)

FuelTech 4 cylinder universal harness manual

FT450/FT550 4 Cylinder Universal Harness manual

FuelTech 6 cylinder universal A harness manual

FT450/FT550 6 Cylinder Universal A Harness manual

FuelTech Sportsman data logging A harness manual

FT450/FT550 Sportsman Data logging A Harness manual

FuelTech PRO550 wiring harness manual

PRO550 Wiring Harness manual