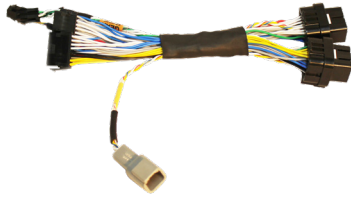


This quick guide covers the basics about going from a FT500 install to the FT550 using this adapter. Read this guide carefully to make the most out of your new FT550.



### Converting Maps

The map files from the FT500 are fully compatible with the FT550, so just open the map file on your computer or read it from the FT500, and write it over to one of the available memory slots on the FT550.

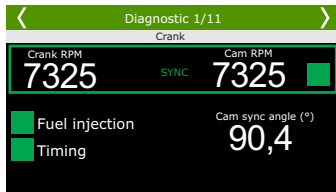
### First start with your FT550:

When starting the engine for the first time it's important to check some basics:

**TPS:** go to TPS calibration screen under "sensors and calibration" and make sure the TPS is calibrated and working perfectly.

**Fuel Pump:** Check if the fuel pump comes on when the ignition is ON or when the engine cranks.

**Signal RPM:** when cranking the engine, check if the ECU receives RPM signal.



**Sensors:** check if temperature and pressure sensors show correct values (engine temperature, oil and fuel pressure and so on).

**Ignition:** After the engine starts and runs, use a timing light to check the ignition calibration, refer to the FT550 manual for instructions on that.

### Stepper Motor

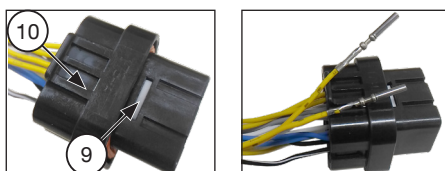
In some cases, where the engine uses a stepper motor and after using the adapter it doesn't open or closes, a pair of yellow wires must be switched on the adapter, Yellow 1(pin 22) switched with Yellow 2(pin 23) **And** Yellow 3(pin 24) switched with Yellow 4(pin 25).

Push the lock (9) inside the connector(10)

Pull the wires out of the connector

Switch the position of the wires by inserting Yellow number 1 where Yellow number 2 was and vice-versa

Push the lock(9) on the other side of the connector to lock the terminals in the correct position



### Extra features

#### Shift lever strain gauge connector

A separate connector is provided to be connected directly to a shift lever strain gauge, so as to use the internal power shift feature without the use of an external controller.

The pinout in this connector is as follows:

White 13 - Pin 18 - Connector B

White 14 - Pin 19 - Connector B

Green/Black - Pin 26 - Connector B



#### CAN B connector

This connector allows other equipment such as a RacePak dash to be connected to the CAN network.

The pinout in this connector is as follows:

Yellow/Blue CAN LOW - Pin 3 - Connector B

Red/White CAN HI - Pin 4 - Connector B



### Pinout for vacant wires on the adapter

The following table shows the vacant, extra wires that are not used on the adapter but are available on the FT550 connector.

Connector	Pin (adapter)	Input	Output	Function
B	13	White 12	-	FREE
B	14	-	Blue 9	FREE
B	15	-	Blue 10	FREE
B	20	-	Blue 11	FREE
B	21	-	Blue 12	FREE

### FT550 the right choice for an upgrade

Fully compatible with maps from FT500

Integrated powershift feature

4 additional injections outputs

3 additional inputs

Internal accelerometer

Customizable splash screen

2 CAN network ports

4 virtual LEDs

Up to 4 different dashboard screens