

# PLANT FITTING GUIDE

Fitting time approx. 45 mins



## Installation Steps

- 1 Preparation
- 2 Location
- 3 Fitting
- 4 Activation

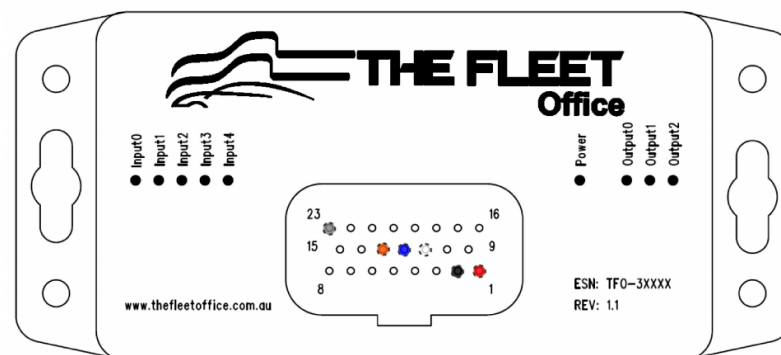
### Tools required (dependent on fit)

- Crimping tool and small selection of fittings
- Wire stripping tool
- Electrical tape
- Solder and soldering iron
- Tech screws and drill
- Stanley/craft knife
- Cables/split conduit

## Step 1 – Preparation

- For PLANT installations the Plant Tracker is fitted in an IP67 waterproof box. The 2630 is supplied with a waterproof connector and harness.
- The cables/wires which require connection are
  - Black Wire = Connected to battery negative.**
  - Red Wire = Connected to battery positive.**
  - Grey wire = Connected to chassis ground (machine side of isolator).**
  - White wire = Connected to alternator signal wire (indicates engine is running).**
- It is recommended that a free hanging fuse is connected on the Battery positive cable.
- If extra inputs are required please contact The Fleet Office.

Pin	Description	Wire Colour
1	12V-24V (Power)	Red
2	Ground	Black
11	Ignition	White
12	Input 1 (Optional)	Blue
13	Input 2 (Optional)	Orange
23	Chassy Ground	Grey



## Step 2 – Location

- Identify the output from the alternator. Check that the feed is only live when the ignition is on AND engine is running.
- Isolate the machine.
- The box should be located away from ignition sources or areas where it can become damaged.
- It should have no metal obstruction between the top of the box and the sky for best results.



**Scan for Install  
Troubleshooting**

## Step 3 – Fitting

- Run the cables
- Ensure the machine is isolated.
- Twin wire (Black and Red) goes directly to battery, you must fit an in-line 5A fuse to the positive cable. Leave the fuse out at this point.
- Run the White wire to the identified alternator signal output (note: this may require a join at the wire).
- Connect the Grey single wire to the chassis earth. Ensure cables are tidy and protected with conduit where required.
- Leave the box unplugged at this point.

## Test Device

- Un-isolate the machine.
- Fit the 5A fuse, and start the machine. Check the voltage at the plug of the harness. Red and white should both show around 12V-24V.
- If voltage is correct. Stop the machine and plug in the box to the harness
- Wait 3-5 minutes and re-start the machine. (The device will be registering on the network and obtaining GPS fix)
- On the device, the power light should be lit and if the engine is running, input 0 should also be lit.
- Ensure all cables and ties are tidy.

## Install Tips

- Ensure you can see the tracker for testing.
- Input 0 light is the ignition indicator light. This should only be on when engine is running.
- Output 0 light solid on indicates GPS connection. Off or Flashing means GPS is not connected.
- Output 1 light solid on indicates Communications connected. Off or Flashing means we cannot communicate with the tracker.

## Step 4 – Activation

- Start the asset and let it run for 5 minutes. Ensure output 0 and 1 lights are solid.
- Turn asset off and scan the QR code with your phone. Allow location services.
- Follow the steps through the activation app.
- You will need details about the asset and the tracker number to complete the activation
- Please call 1300 110 248 If you have any issues with the activation for assistance



**Scan to Activate  
Tracker**