

Plant Tracker Fitting Guide

Fitting time approx 45 mins



1 Preparation

2 Location

3 Fitting

4 Activation

Tools Required: Crimping tool and small selection of fittings, wire stripping tool, electrical tape, solder and soldering iron. Tech screws and drill, Stanley/craft knife, cable/split conduit, multi-meter

1 Preparation



- Connect the following wires:
 - Black wire to battery negative
 - Red wire to battery positive
 - Grey wire to chassis ground
 - White wire to alternator signal wire (indicates engine is running)
- It is recommended to connect a free hanging fuse on the battery positive cable. Contact The Fleet Office for extra inputs.

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

2 Location

- Identify the output from the alternator and make sure it's only live when the ignition is on, and the engine is running.
- Isolate the machine.
- Choose a location for the tracker away from ignition sources or areas where it can become damaged.
- Ensure there is no obstruction between the opposite side of the silver sticker and the sky. GPS signal is blocked by steel.

3 Fitting



- Ensure the machine is isolated and run the required cables
- Connect the twin wires, (Black & Red) directly to the battery, and an in-line A5 fuse to the positive cables (Do not plug the fuse in at this point)
- Run the white wire to the identified alternator signal output (note: this may require a join in the wire).
- Connect the grey signal wire to the chassis earth.
- Ensure cables are tidy and protected with conduit where required. Leave the box unplugged at this point.

Testing:

- Un-isolate the machine. Fit the 5A fuse and start the machine.
- Check the voltage and the plug of the harness. Red and white should both show around 12V-24V.
- If the voltage is correct, stop the machine and plug in the box to the harness.
- Wait 3-5 minutes and restart the machine (the device will be registering on the network to obtain a GPS fix).
- Ensure input 0 is solid, power, output 0 (GPS) and output 1 (sim) are all solid before activating.
- Ensure all cables and ties are tidy.

Installation Tips:



- Ensure you have access to the tracker for testing.
- Check the following lights:
 - Input 0: Ignition indicator light, should only be solid when the engine is running.
 - Output 0: GPS indicator light, should be solid. If flashing check the tracker installation location, move asset into the open, away from steel.
 - Output 1: Communication indicator light, should be solid. If off or flashing, move the device into a location where you are getting better mobile service.

4 Activation



- Start the asset and let it run for 5 Minutes
- Turn asset off and scan the QR Code with your phone
- Ensure you have available; Asset Number, Tracker number, Rego, Make/Model/Vin No.
- Follow the steps through the activation app

Please call 1300 110 248 if you have any issues with the activation for assistance