Fleet Complete FT1
Installation and Servicing Guide

Mounting your FT1 device

There are two ways of mounting your FT1 device

- Connect FT1 device directly to OBDII port of vehicle
- Mount FT1 using an OBDII T Harness securely fastening the device with zip ties preferably against the chassis of the vehicle to ensure little to no movement.

NOTE: Always connect Device to OBD port while the ignition of the vehicle is OFF to ensure optimal functionality of the modem.

Verifying Installation

Once the FT1 has been installed:
1. Ignition on, leave it on for 30 secs
2. Ignition off, leave it off for 60 secs
3. Take the vehicle for a 10 minute drive to ensure GPS poll is received
4. Call 1300 653 395 to verify installation

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FT1 Connected directly into diagnostic port	
FT1 mounted under dash using OBDII T Harness cable & tie straps to securely fasten device to chassis of vehicle	

FT1 Harness

The FT1 can be installed directly into the OBD port of the vehicle or alternatively can be installed using a OBD T Harness. The TTL Molex connector connects to the side of the FT1, Pin Definition provided below

OBD Universal T Harness	OBD to 9 Pin Y

FT1 - (8-PIN) Cable Color Table

4	3	2	1
8	7	6	5
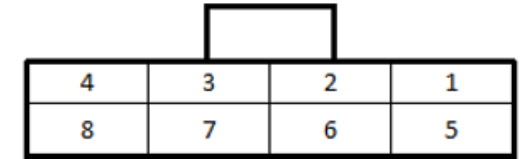
PIN at board side	PIN definition	Colour
1	GND	BLACK
2	Relay1 (Ground to close) (-)	ORANGE
3	BMCU_UART4_RX(TTL 1.8v)	GREEN
4	BMCU_UART4_TX(TTL 1.8v)	WHITE
5	BDCDC 5V output	PINK
6	1-Wire_line	YELLOW/RED
7	Input (Ground to close (-)	GREY
8	Relay2	WHITE/BLUE

Note: It is mandatory to use a Relay when Grounding inputs & Outputs.

Light Patterns & LED Error Codes

LED	Flash Count	Error	Action
Green	1	Sim Error	Check that sim is inserted correctly, reseat sim or replace with another sim
Green	2	No Network	Check that sim card is inserted correctly, also check that you are in a reasonable coverage area. Check mount location of device and ensure there is no obstruction.
Green	3	Unable to register with Network	Verify if a renewal device or recent device\sim swap, confirm sim inside device and that a rate plan exists Check with fulfillment to ensure Sim is active
Green	4	Service Unreachable	Check for poor coverage location, check that line is Active
Green	5	Service Activation Error	Please Contact Technical Support 1300 653 395
Green	6	Service Sync failure	Check with fulfilment the sim is active with a rate plan, Power cycle unit by unplugging device and unplugging internal back up battery

Light Patterns & LED Error Codes

LED	Flash Count	Error	Action
Blue	3	GPS Signal Weak	Check mount location of device also check for poor coverage area
Red	4	Battery too low to transmit	Using a voltage meter check constant power from Diagnostic port (this may require professional installer assistance)
Red	5	Error reading telematics data	Power cycle unit by unplugging device and unplugging internal back up battery. Leverage hardware support if problem persists
Red	10	Other system error	Please Contact Technical Support 1300 653 395

Important

Once installation is complete refer to page 2 to verify installation.