Trackunit Raw TU600 Installation Manual

Remember
Read before installing

To get full machine insight and maximum outcome of Trackunit Raw, don't forget to connect to CAN bus data.

TU600 devices have to be installed in a minimum distance of 20 cm/7.87 inches from the user of the machine or vehicle.

Mount Trackunit Raw with the serial number facing outwards in order to see the LED.

+xx xx xx xx xx
S/N xxxxxx

Mobile number and unit serial number are located on the box. The label can be peeled off and saved for later use.

Installation Instructions Raw TU600

Machine and vehicle guidelines for correct wiring

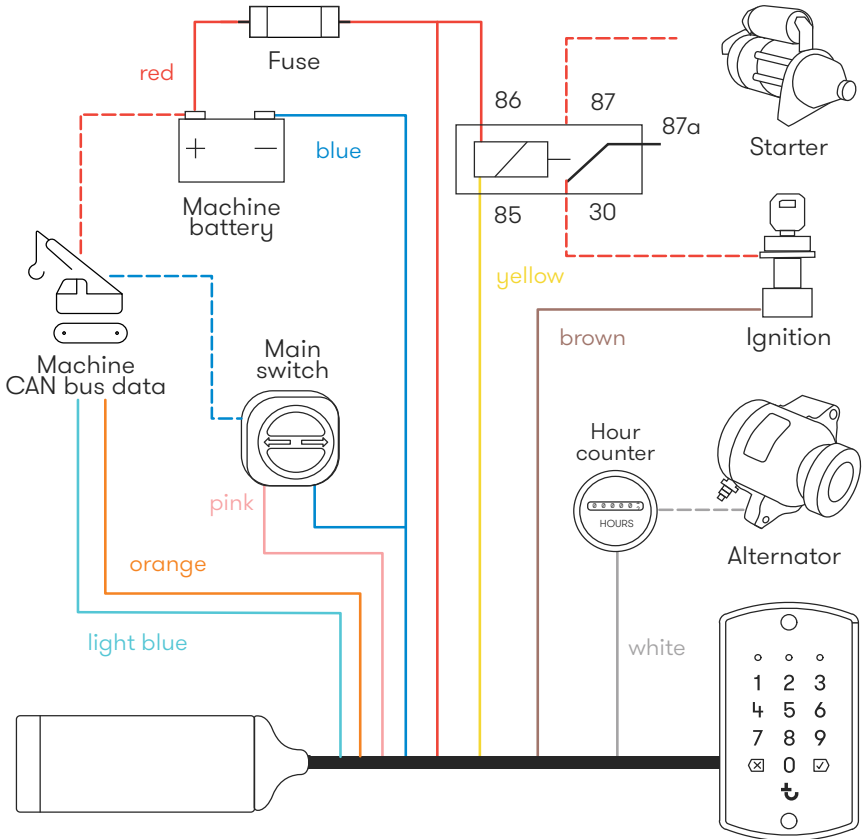| Wire color	Description
○ Digital input 1	Connect to hour counter (mandatory) [2]
● Digital input 2	Connect to the ignition signal (mandatory for vehicles and machines) [2]
● Digital input 3	Optional input [2]
● Digital input 4	Can be used for INFILT function. Optional input [2]
● Digital output 1	Can be used to control a relay [3/4]
● CAN High	Connect to CAN High (mandatory if accessible)
● CAN Low	Connect to CAN Low (mandatory if accessible)
● 1 - Wire input	M8 connector for access control and temperature sensor
● Power	Connect to machine battery through a fuse (mandatory) [1]
● Ground	Connect to ground (mandatory)

[1] Supply voltage range 12 - 48 V

[2] Active/high when min. 9.5V DC at input

[3] Max. load 200 mA

[4] Do NOT use this output to switch off vehicles and machines during operation or driving

Installation Example with Access Control

Fuse

red

blue

86   87   87a

Starter

85   30

Machine battery

Machine CAN bus data

Main switch

yellow

brown

Ignition

pink

Hour counter

HOURS

Alternator

orange

light blue

white

1 2 3
4 5 6
7 8 9
⊠ 0 ☑

Functionality Check

LED status indication

Status	LED mode	LED color	Status indication
✓	Red flashing light and constant green light in LED	● ● ● ▬▬▬	- Mobile network is OK - GPS has satellite position
✗	No light in LED		- No power supply
✗	Constant red light and no green light in LED	▬▬▬	- NO mobile network - GPS has NO satellite position
✗	Red flashing light and no green light in LED	● ● ●	- Mobile network is OK - GPS has NO satellite position
✗	Constant red light and green light in LED	▬▬▬ ▬▬▬	- NO mobile network - GPS has satellite position

Installation Check and Update

Using "Install Trackunit"

Please visit install.trackunit.com to register and verify your unit. Prior to verification, make sure Trackunit Raw is installed and active in an area with sufficent GPS and mobile coverage.

Trackunit® Manager

Trackunit Raw is your direct link to Trackunit Manager. Trackunit Manager is the information and knowledge hub empowering fleet managers to boost efficiency, safety and machine up-time.

You get a complete view of everything you need to know – from high-level summaries down to specific machine details.