



FalconZoom



Tail Light Tracker Manual

Model FZ200/FZ300



The Tail Light Tracker is a smart GPS tracker that also has all the functionality of a tail light. This allows it to be fully hidden, easy to install, and have continuous charge. This device turns a simple tail light into a feature rich asset tracker that can give you peace of mind knowing that your asset is always under your eye.

1. Technical Specifications

Size	4inch diameter (FZ200)/6 inch oval (FZ300)	
Water Resistant	IP67	
Power	Input voltage	DC 9-24V/1A
	Working Current	120mA
	Standby Current	0.63mA
	Working Temperature	-10°C to 65°C
	Battery	10,000 mAh
Power Bank	16,000mAh (Optional)	
Certification	FCC, DOT	

2. Features:

- Near Real time Tracking
- Share location with others automatically
- Speeding Alerts
- Geofence alerts
- Remote finding
- IP67 Waterproof & Dust resistant
- Flashing lights to find the trailer or create an alarm

To access all these features please log into our back-end portal. Visit <https://falconzoom.com> for more details on how to contact us for access to the back end portal.

3. Installation:



- 1- Tail Light Tracker
- 2- Power Bank (Optional)
- 3- Power Bank Charging Unit (Optional)
- 4- 3 prong wiring pigtail (Optional)

How to install the Tail Light Tracker **without** the power bank:

- Remove the current tail light from the tractor or trailer. Depending on how it is installed this might require a screwdriver. Ensure the 3 pin wiring plug is removed for this tail light.
- Keep the current Gromet in place and put it back first before putting the new tail light tracker. Ensure that the wiring of the previous tail light goes through the Gromet.
- Insert the 3-pin wiring plug from the old light into the Tail Light Tracker and

make sure it clicks. There is a 3 prong wiring pigtail that can be used to connect the tail light tracker to the wiring of the asset, if needed.

How to install the Tail Light Tracker **with** the power bank:

- Remove the current tail light from the tractor or trailer. Depending on how it is installed this might require a screwdriver.
- Keep the current Grommet in place and put it back first before putting the new tail light tracker. Ensure that the wiring of the previous tail light goes through the Grommet.
- Plug the Power Bank Charging unit into the Tail Light Tracker like below:



- Insert the power bank through the Grommet and store it in the channel securely. The Power Bank has 2 magnets to place it securely. Tie wrap is also available
- Insert the 3-pin wiring plug from the old light into the Tail Light Tracker and make sure it clicks. There is a 3 prong wiring pigtail that can be used to connect the tail light tracker to the wiring of the asset, if needed.

After all steps are done for either option above make sure to test the tail light by turning on headlights and brake lights. Congratulations! You have installed a brand-new state of the art tracking device.

Very Important: Please turn on headlights at all times to ensure that the Tail Light Tracker gets charged.

How to install the Tail Light Tracker with the Trailer's power source:

We can provide the cables and components to connect the Tail Light Tracker to the Trailer's power source in addition to the back light. This will ensure battery to stay charged as and when a power unit is connected to the trailer and even when head lights are not turned on.

4. Decoys:

Decoy Tail Lights are also available. These look exactly like the FZ200 or FZ300 but **without** the GPS tracking features. The purpose of the decoys is to ensure that all the Tail Lights look exactly the same.

