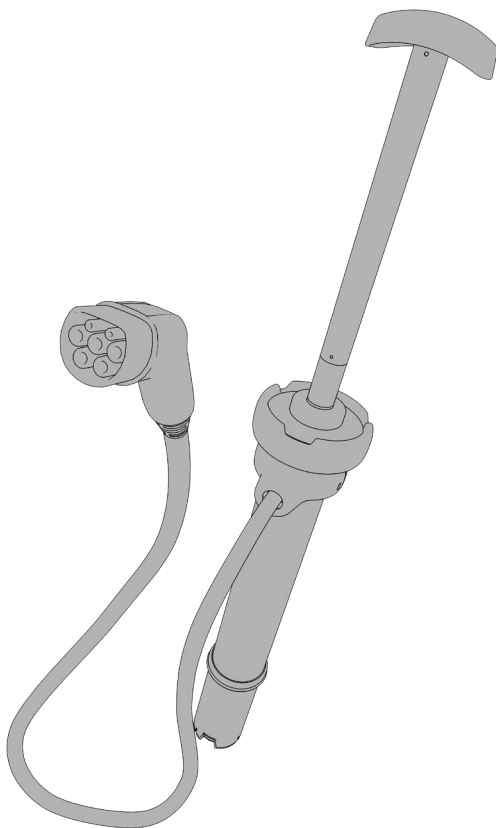




**TROJAN
ENERGY**



TROJAN AON

CHARGING MANUAL

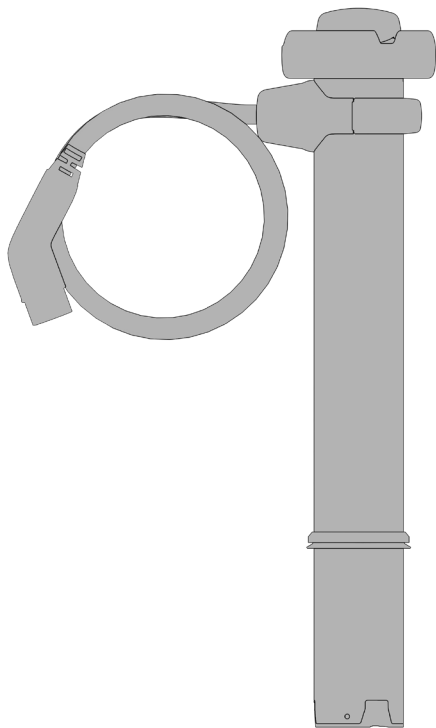
v1.0

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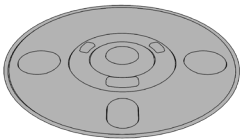
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TROJAN EQUIPMENT

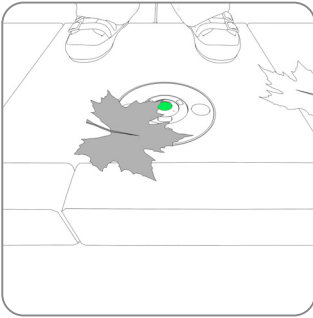
THE CHARGING LANCE



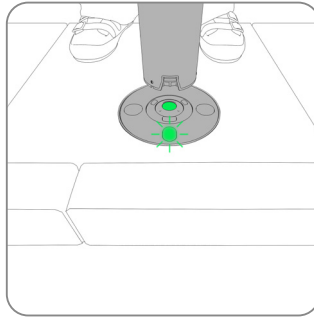
THE CHARGE POINT



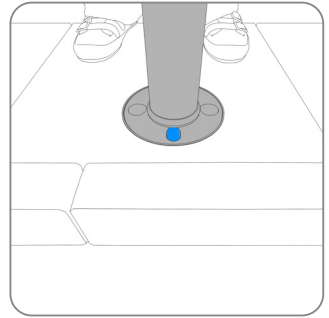
START YOUR CHARGING SESSION



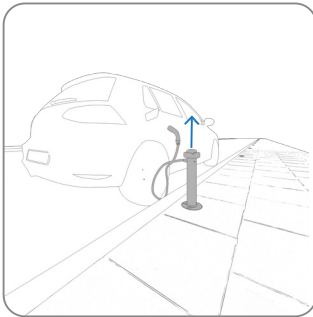
1. Remove any large pieces of debris on top of the charge point (i.e. any rocks, leaves or litter).



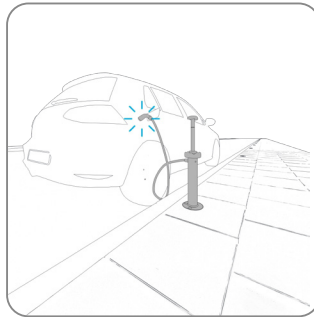
2. Line up the lance above the charge point with the cable facing the road. The outer light should flash green.



3. Push the lance into charge point until it stops, hold firmly in place at the bottom until blue light appears indicating that it is locked (this may take a few seconds)

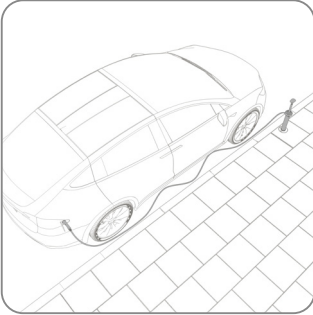


4. Fully extend the handle on the lance until it clicks.

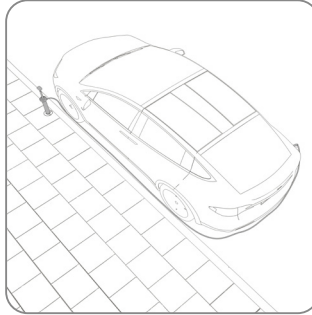


5. Plug the cable into the car and lock the car to start charging. Charging will start automatically.

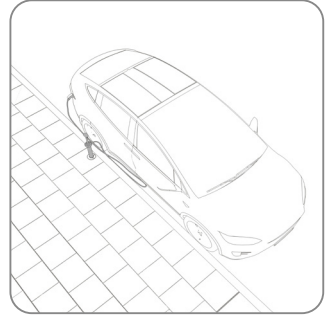
CABLE ETIQUETTE & SAFETY



Ensure cable is kept close to the footprint of the car and is not obstructing pedestrian walkways.



When the car charge port is on the opposite side of the car to the pavement, ensure the cable always remains within the footprint of the car.



Ensure extra cable is tucked away underneath or within the footprint of car to avoid trip hazards for pedestrians. Never leave the excess cable on the pavement.

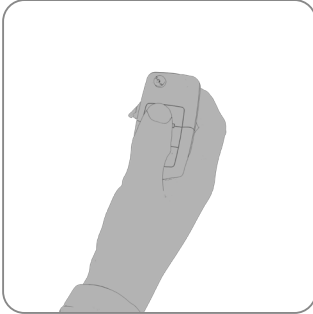
INSPECTION OF CHARGE POINT - INSPECT THE CHARGE POINT PRIOR TO USE TO CHECK FOR EXCESSIVE CONTAMINANTS SUCH AS CHEWING GUM, DOG FOULING ETC. IF IN DOUBT DO NOT USE THE CHARGE POINT AND REPORT THE PROBLEM TO TROJAN ENERGY.

HEALTH - IF USING THIS APPARATUS CAUSES ANY PHYSICAL DISCOMFORT (ENGAGING AND DISENGAGING LANCE, OR CARRYING LANCE AND CABLE), THEN STOP USING THE LANCE AND REPORT THIS TO TROJAN ENERGY.

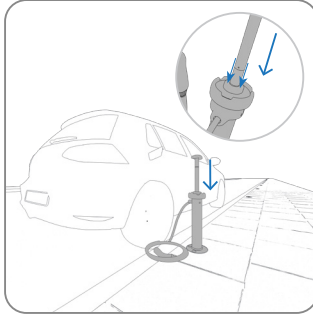
LANCE CARE - WHILST TROJAN HAVE USED ALL REASONABLE ENDEAVOURS TO MAKE THE LANCE ROBUST AND DURABLE, IT IS THE RESPONSIBILITY OF THE USER TO CHECK FOR SIGNS OR WEAR OR DAMAGE PRIOR TO USE. DO NOT STORE THE LANCE IN A DAMP & WET ENVIRONMENT, EITHER STORE IN CAR OR PROPERTY. IF LANCE BECOMES EXCESSIVELY DIRTY, WIPE DOWN WITH A MOIST CLOTH TO REMOVE FOULING.

THE LANCE IS AT RISK OF THEFT IF A USER UNPLUGS FROM THE CAR AND LEAVES IT ON THE STREET. THE USER WILL BE RESPONSIBLE BOTH FOR THE SAFETY, RISK AND ALL CHARGING THAT OCCURS ON THAT LANCE UNTIL TROJAN IS NOTIFIED AND THE LANCE DEACTIVATED.

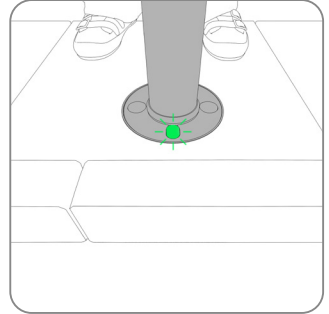
FINISHED CHARGING



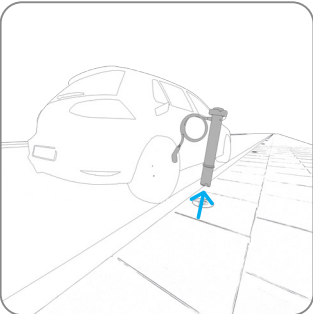
1. Unlock the car and unplug the cable from the car.



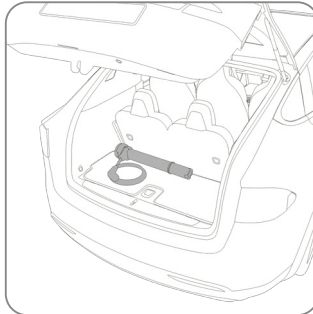
2. Push down on the base of the extended handle to retract the handle.



3. A green light begins flashing on the charge point which indicates that the lance is ready to be ejected.

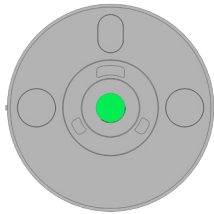


4. Pull out the lance from charge point.

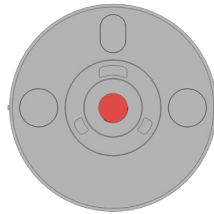


5. Store the lance in your car or at home, ready for next charging session.

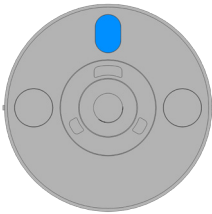
CHARGE POINT LED COLOUR STATES



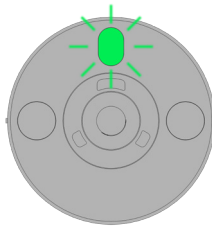
Central LED solid GREEN
Charge point available / ready for
lance insert



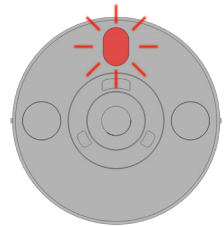
Central LED Solid RED
Charge point unavailable



Edge LED Solid BLUE
Lance locked into charge point



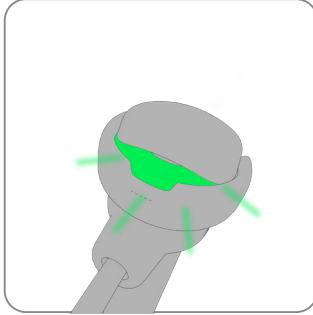
Edge LED Flashing GREEN
Lance unlocked from charge point / lance
accepted (when offering lance to charge point)



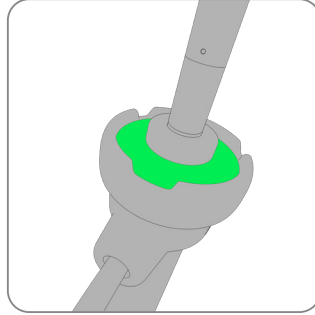
Edge LED Flashing RED
Rejected / charging error

LANCE

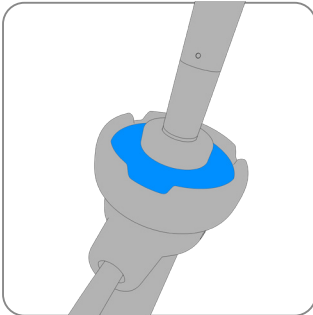
LED COLOUR STATES



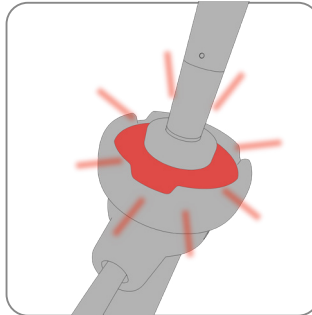
Lance LED Flashing GREEN:
Waiting for extension to be pulled up /
lance can be removed.



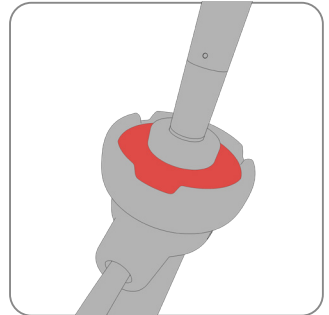
Lance LED solid GREEN:
Extension fully up / preparing to charge



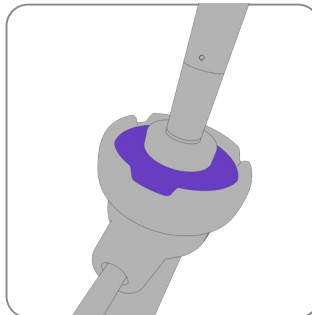
Lance LED Solid BLUE:
Successfully charging



Lance LED Flashing RED:
Lance rejected



Lance LED Solid RED:
Charging error



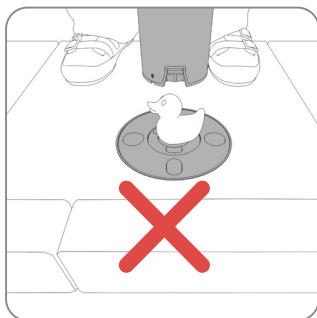
Lance LED PURPLE: Connection error - The user should
disconnect from the EV, eject the lance and then reinsert.

LANCE MISUSE



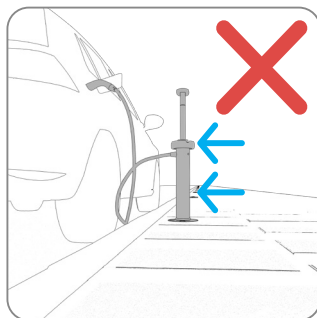
DO NOT

put anything other than the Trojan Energy lance in the charge point.



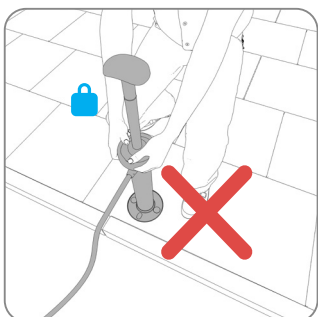
DO NOT

put anything between the lance & charge point.



DO NOT

exert force to the side of the lance.



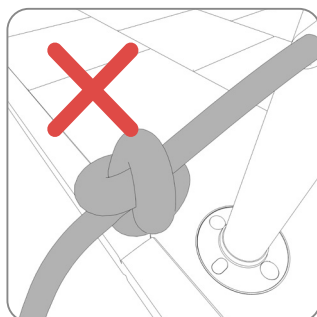
DO NOT

attempt to pull out without unlocking the unit.



DO NOT

leave the cable over the pavement.

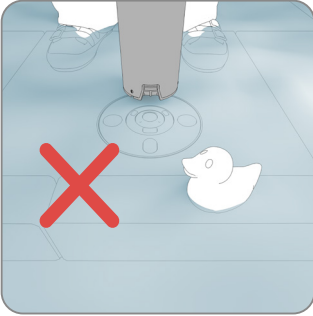


DO NOT

tie knots in the cable.

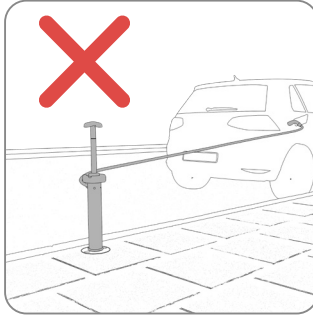
LANCE MISUSE

(CONTINUED)



DO NOT

insert the lance in flooded conditions.



DO NOT

run the cable so tight that it sits above the ground.



DO NOT

put any part of your body except your hands above lance while removing from charge point. Keep small children away while doing so.

TERMS & CONDITIONS

By using the Trojan Energy Ltd. charge point connector, lance and any electrical and other equipment associated with the foregoing (together the "Equipment"), you hereby agree that (i) you have been provided with, have read and have understood the instructions for use of the Equipment in the manual (the "User Manual"), (ii) have been provided with access to suitable training videos on the use of the Equipment (the "Training"), and (iii) you will not use the Equipment in any manner except as described and provided for in the User Manual and the Training.

Trojan Energy Ltd does not exclude any liability for: (i) fraud and fraudulent misrepresentation; and (ii) personal injury or death caused by Trojan Energy Ltd's negligence. In all other cases, to the fullest extent permitted by applicable law, Trojan Energy Ltd's total aggregate liability to customer arising from or in connection with this contract will be limited to the greater of: (i) £100; or (ii) all sums paid by customer to Trojan Energy Ltd in the 12 months prior to the event giving rise to the liability. For the avoidance of doubt, nothing in this contract undermines any statutory rights that the customer may have under applicable law.

WARNING: PACEMAKERS

Charging points may generate electro-magnetic fields which may be harmful to pacemaker wearers. If you have a pacemaker and are unsure about whether it is safe for you to use a charging point, please do not use the charging point. If you have a pacemaker and you use a charging point, maintain as much distance as possible from the charging point. If you feel uncomfortable at any time while using a charging point, please stop using the charging point immediately. Trojan Energy Ltd shall not be liable for any loss, damage or harm suffered as a result of your use of a charging point if you wear a pacemaker, provided that nothing in these terms and conditions shall limit or exclude Trojan Energy Ltd's liability for death or personal injury caused by its negligence.

By using the Equipment, you hereby irrevocably and unconditionally confirm that you fully understand, and agree to the provisions set out above.

UNITED KINGDOM DECLARATION OF CONFORMITY

TROJAN ENERGY LTD

13 Arduthie Road
Stonehaven
Aberdeenshire
AB39 2EH
United Kingdom



EQUIPMENT	Flat and Flush EV Charge Point
DESIGNATION	Lance & Phalanx (Cartridge, & Base unit)
DESIGN REVISION	001

The undersigned hereby declares, on behalf of Trojan Energy Ltd, that the above-referenced product, to which this declaration relates, is in conformity with the provisions of:

- **Electrical Equipment (Safety) Regulations 2016.**
- **Electro-magnetic compatibility Regulations 2016.**
- **The Restriction of the Use of Certain Hazardous Substances in Electrical and Electronic Equipment Regulations 2012**

All equipment detailed has been designed and verified in accordance with the relevant verifications and any applicable verification options of the following standards:

- **BS EN IEC 61851-1:2019** "Electric vehicle conductive charging system-Part 1: General requirements"
- **BS EN IEC 61851-21-2:2021** "Electric vehicle conductive charging system-Part 21: Electric vehicle requirements for conductive connection to an AC/DC supply-EMC requirements for off board electric vehicle charging systems"
- **BS EN IEC 61439-7** "Low -voltage switchgear and controlgear assemblies-Part 7: Assemblies for specific applications such as marinas, camping sites, market squares, electric vehicle charging stations"
- **BS EN IEC 61439-1** "Low -voltage switchgear and controlgear assemblies-Part 1:General rules"
- **BS EN 61984:2009** "Connectors -Safety requirements and tests"
- **EN 50364:2010** "Limitation of human exposure to electromagnetic fields from devices operating in the frequency range 0 Hz to 300 GHz, used in Electronic Article Surveillance (EAS), Radio Frequency Identification (RFID) and similar applications.

Name: Ian Mackenzie

Signature: 

Position: CEO

Date: March 2, 2022

*The Technical Construction File is maintained at the address as detailed above.
This Declaration of Conformity is issued under the sole responsibility of the manufacturer.*



