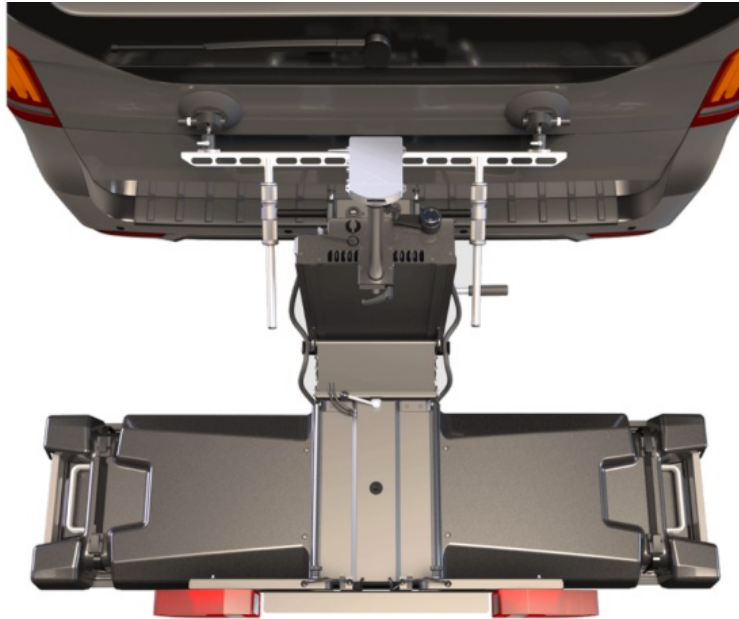


proceq GM8000 Mobile Mapping For Subsurface User Guide

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proceq GM8000 Mobile Mapping For Subsurface User Guide



- Included
- Optional

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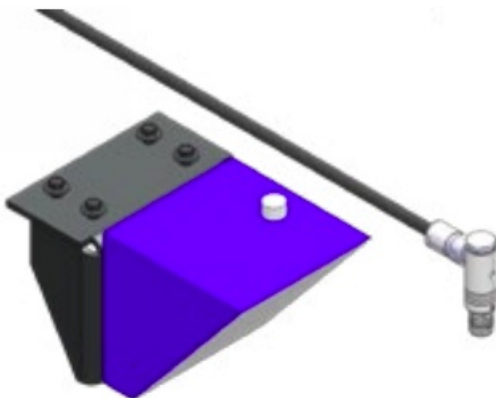
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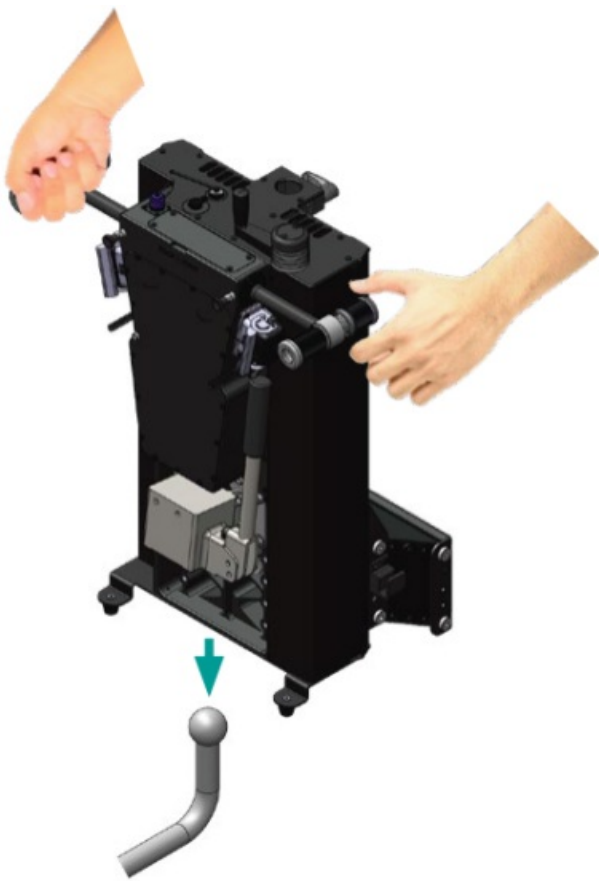



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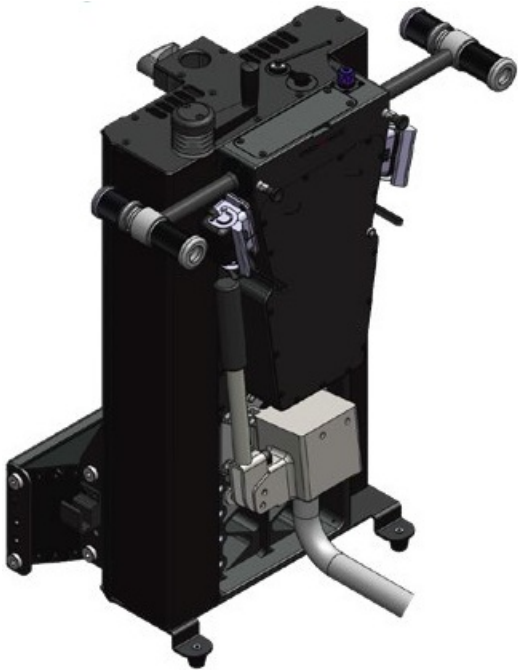
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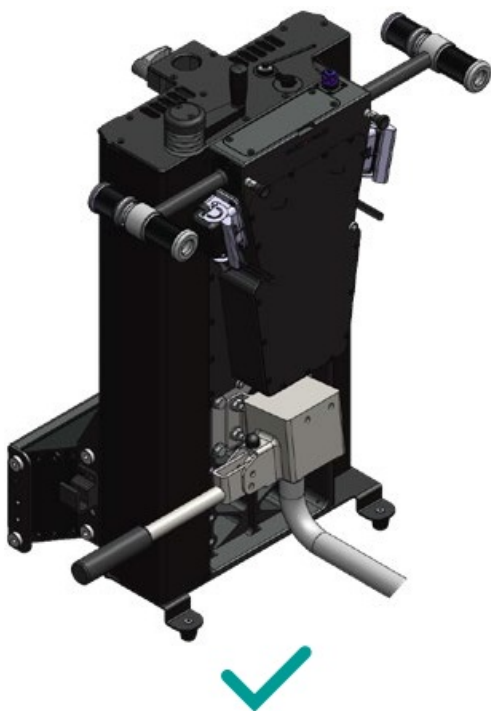
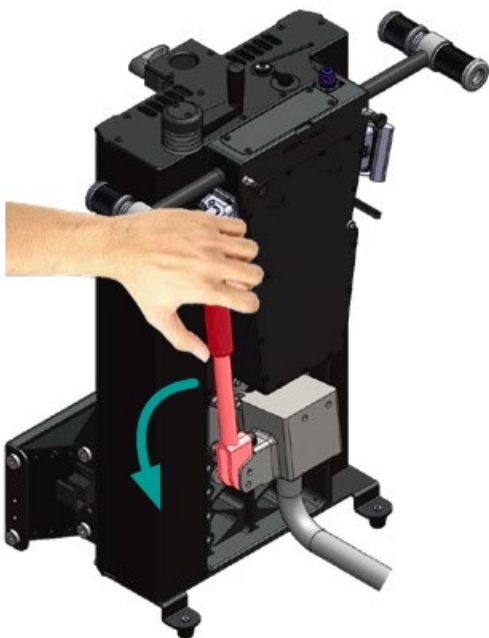
INSTALLATION INSTRUCTIONS

i The vehicle needs to be equipped with a 50 mm or 2" in hitch ball.

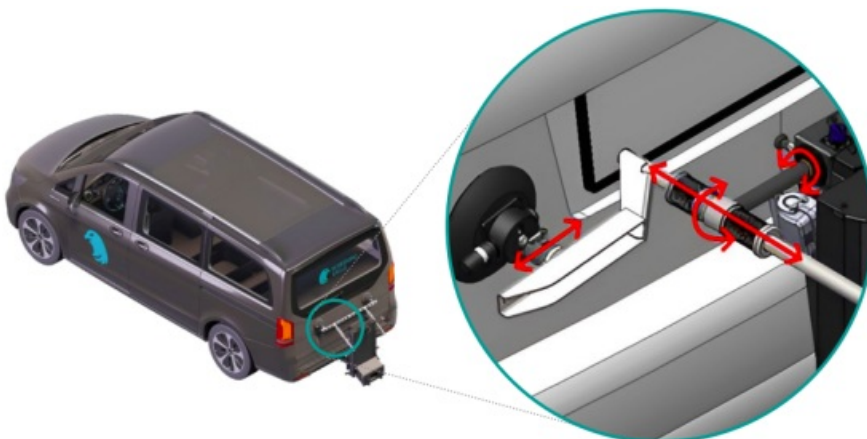


 Use caution while lifting and carrying heavy equipment.






! Make sure the lever is correctly adjusted and the fixation to the hitch is stable to avoid any damage to the equipment.



i Check the suction pads are correctly installed on a clean surface so that the system does not rotate around

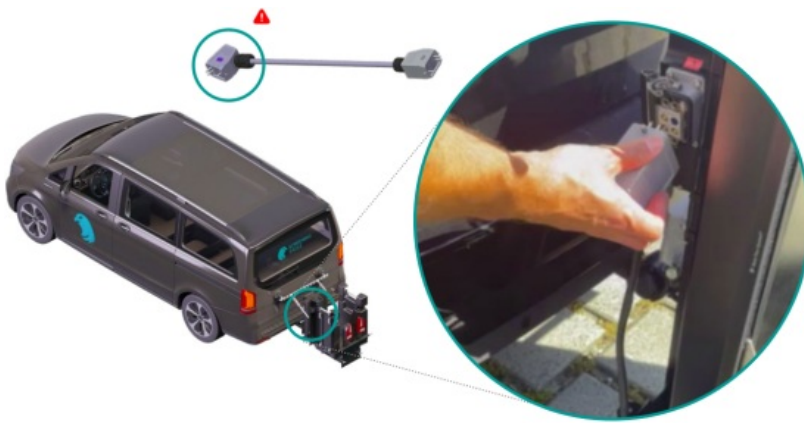
the hitch ball.



 Use caution while lifting and carrying heavy equipment.



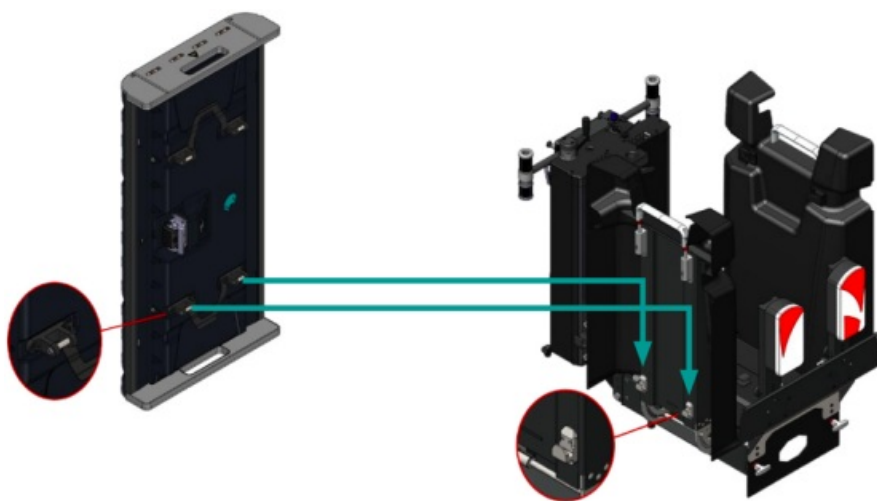
! Make sure the clamp is locked to avoid any damage to the equipment.



i Repeat steps 9-12 for the second antenna on the other side.



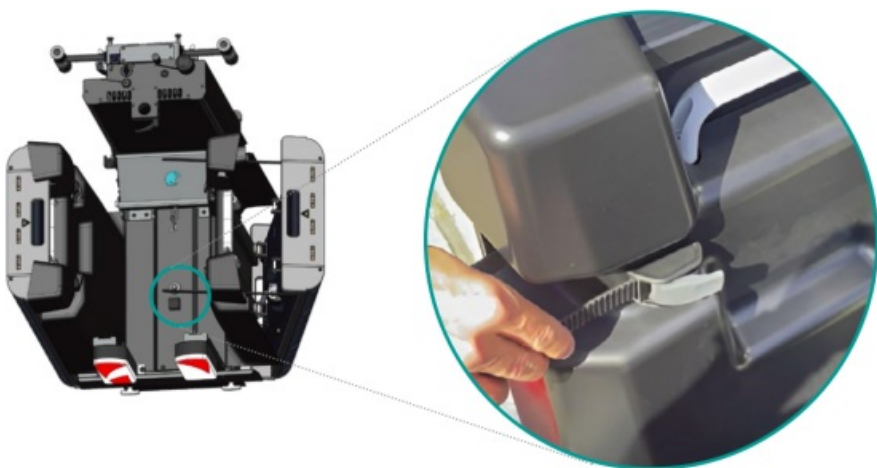
! Ensure the correct orientation of the pins on both ends while plugging the antenna cables to prevent any damage to the connections.



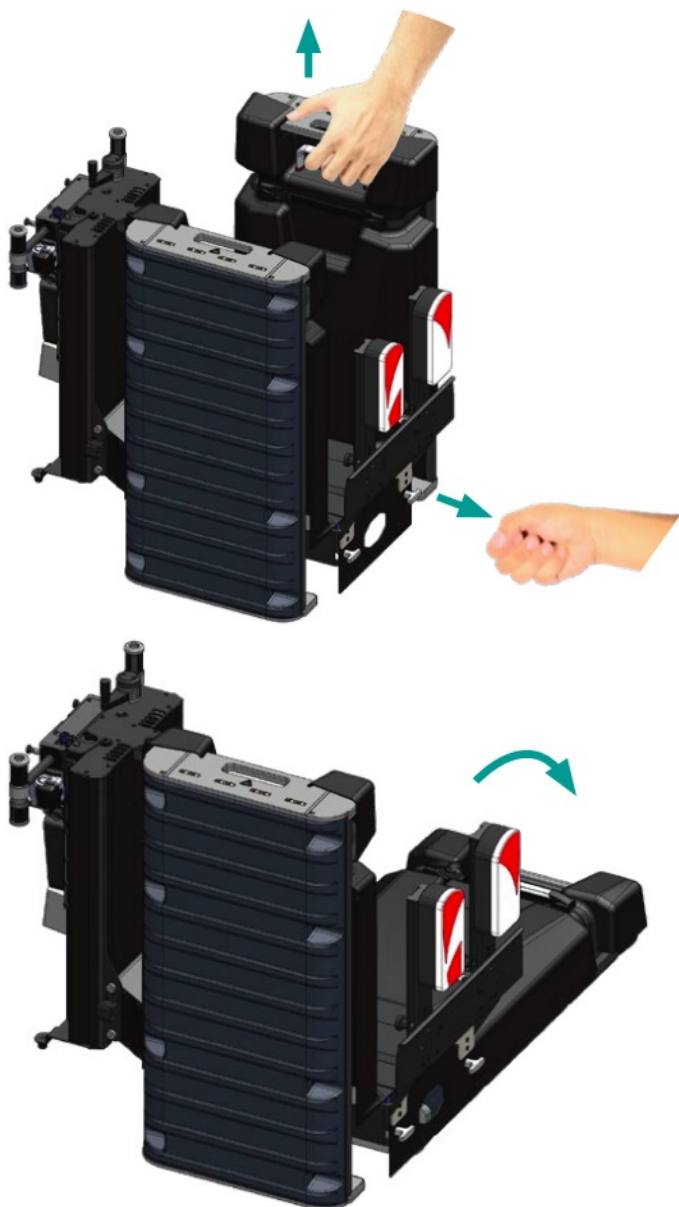
i Check the metallic hooks are clean before attaching to each other.



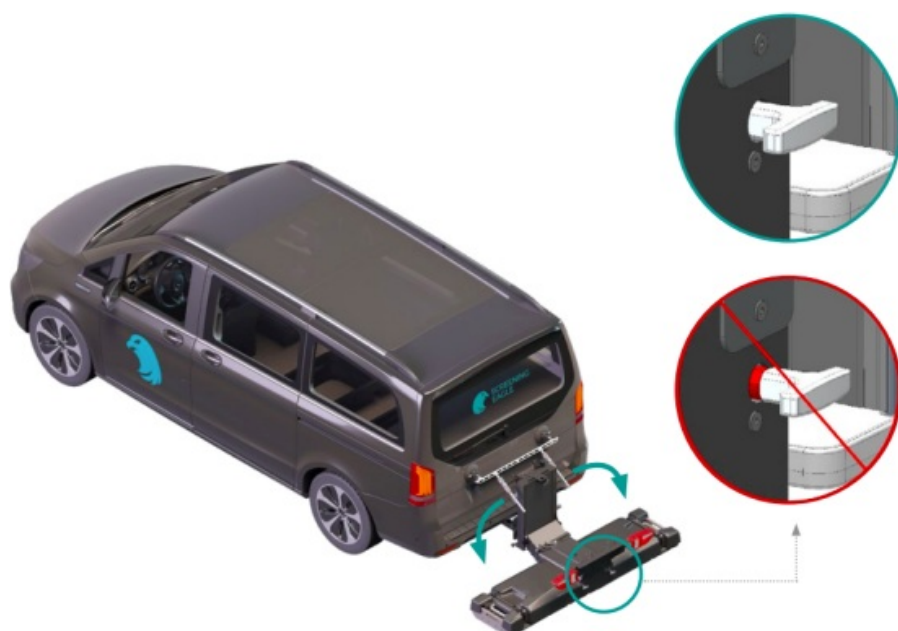
! Ensure the correct orientation of the pins on both ends while plugging the antenna cables to prevent any damage to the connections.

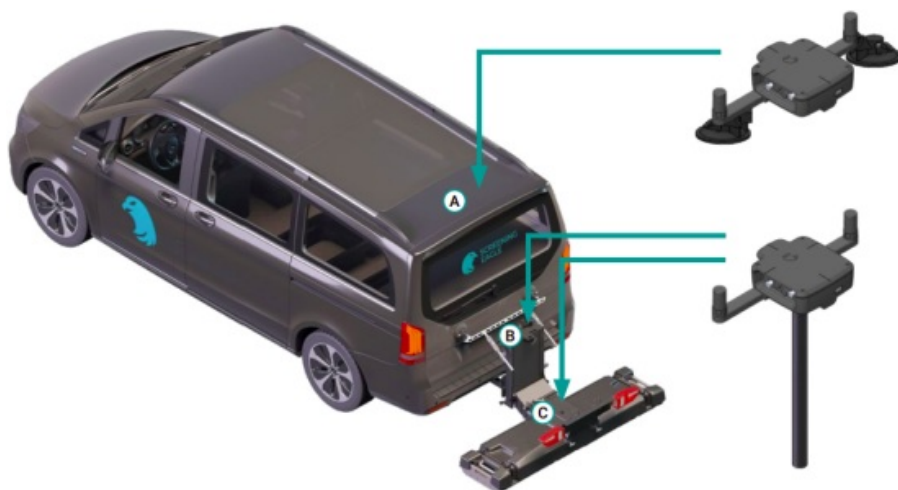


! Please make sure the straps are fixed on the upper end as an backup emergency system.

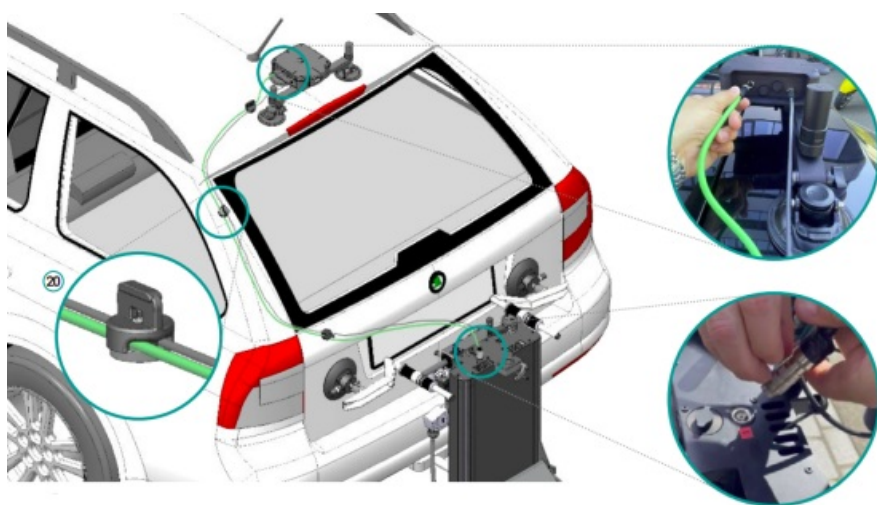


i Gently pull out the bracket with one hand and the handle up with the other to release the antenna to open to the side. Repeat on the other side.

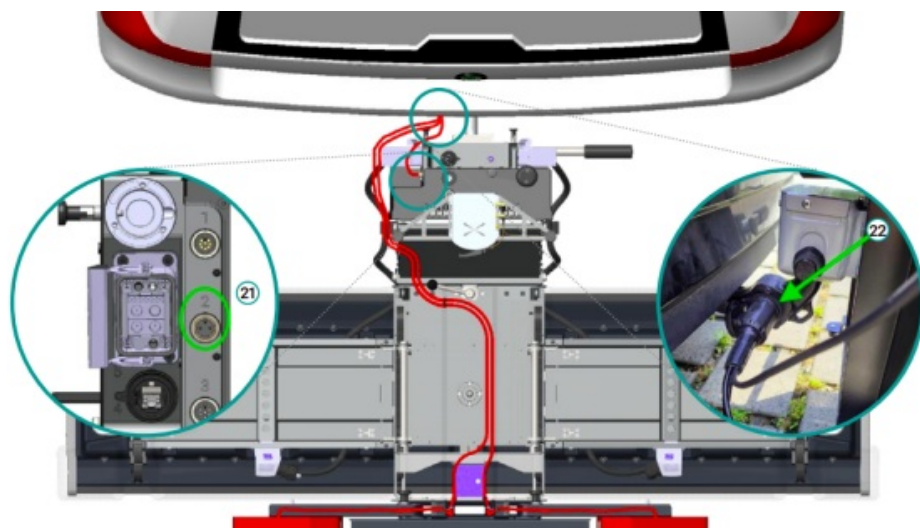




! To ensure the best accuracy, please place the repositioning module on the roof of the vehicle, with the camera facing backwards and perpendicular to the driving trajectory.

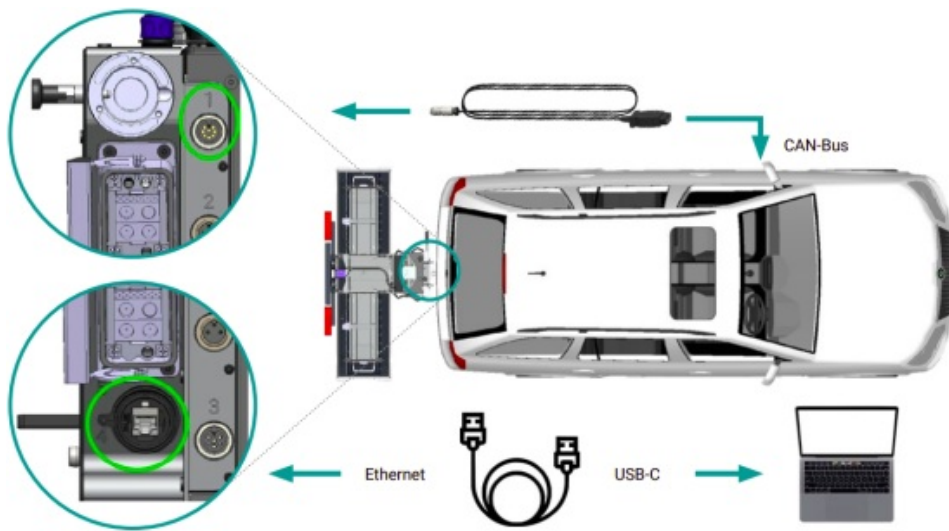


! Please plug the Lemon ports carefully to avoid damaging the connection pins.

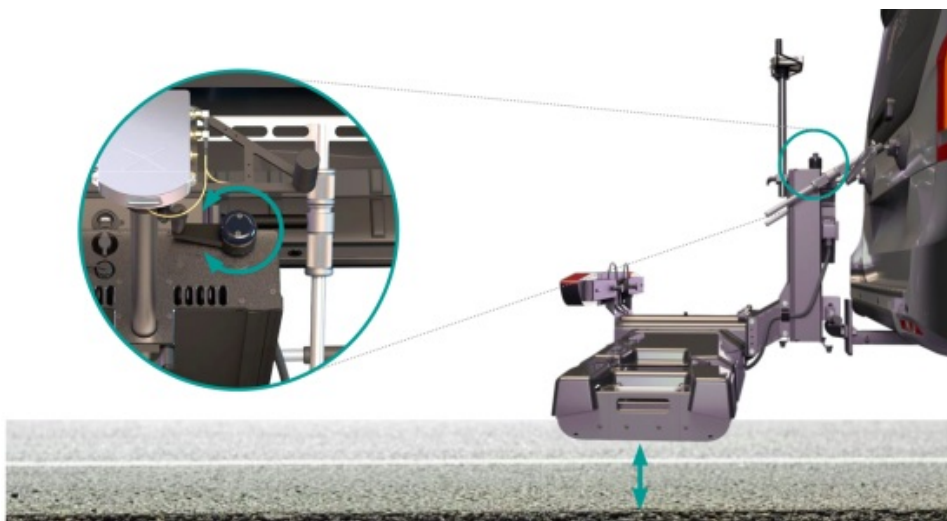


i Use an adapter if the vehicle installation does not have a 13-pin trailer plug.

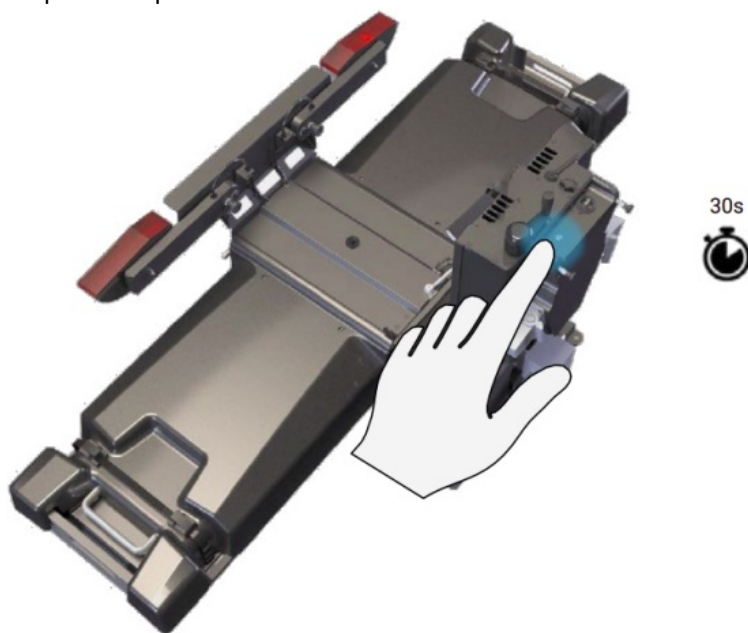
! Please make sure the rear lights are compliant with local traffic regulations before driving.



! Please make sure the data cable is correctly attached and the IP protection closed to avoid any data loss during operation.



i For the best data quality, adjust the travelling height as close to the road surface as suitable for the desired acquisition speed.



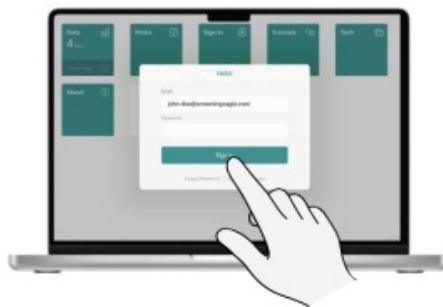


For product usage information, please refer to the GM8000 documentation.

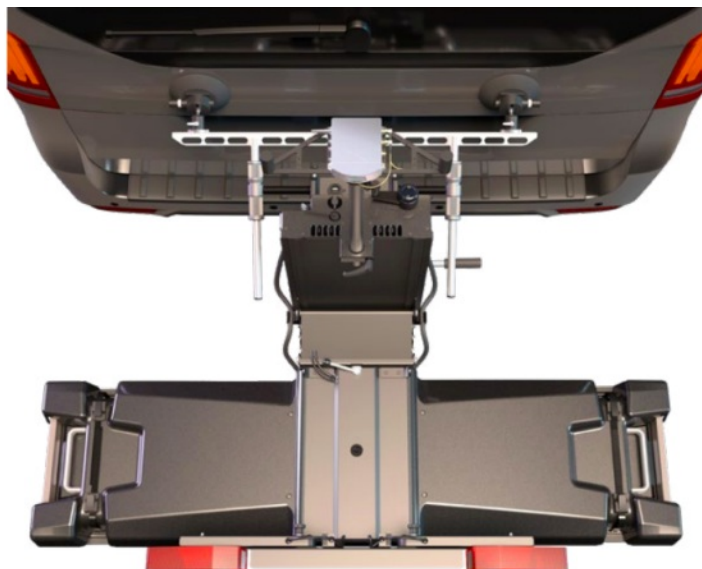
It is available for download on:

www.screeningeagle.com/en/products/proceq-gm8000

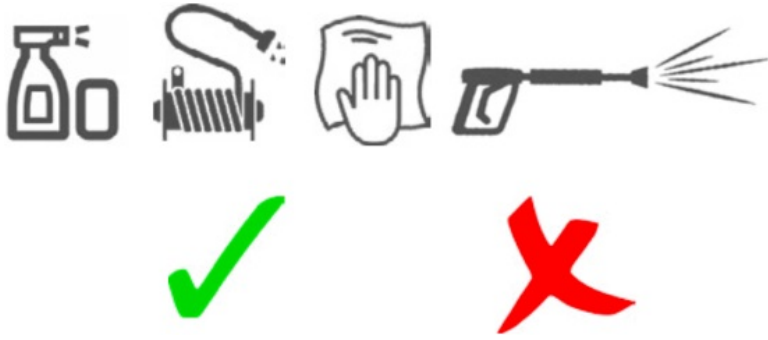
Apple® App Store > “Proceq GPR Mobile”



It is responsibility of the user to refer to local authorities for any circulation and use requirement. Please check the user manual for more information.



i Device tested according to IEC standard 60529. The protection against water and dust is not permanent and may decrease over time as a result of normal wear and tear.



FCC Regulations

FCC-ID: 2ANPE-GM8000

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment. Operation of this device is restricted to law enforcement, fire and rescue officials, scientific research institutes, commercial mining companies, and construction companies. Operation by any other party is a violation of 47 U.S.C. § 301 and could subject the operator to serious legal penalties. This device may not be employed for the operation of toys, and that operation onboard an aircraft, a ship or a satellite is prohibited

Schwerzenbach, 08.11.2023

Patrick Waller
Chief Operating Officer



FCC Regulations Industry Canada Regulations

IC: 24043-GM8000

IC Statement

This device complies with the requirements defined in RSS-220 in conjunction with RSS-Gen of IC Operation is subject to the following conditions:

This device may not cause harmful interference.

This device must accept any interference received, including interference that may cause undesired operation.

This device shall be operated only where directed to the ground, and when in contact with or within 1 m the ground. This device shall be operated only by law enforcement agencies, scientific research institutes, commercial mining companies, construction companies, and emergency rescue or fire-fighting organizations.

Schwerzenbach, 08.11.2023



Patrick Waller
Chief Operating Officer

Declaration of Conformity

Product: GM8000

Proceq Part Number: 393 60 100

Manufacturer: Proceq SA, Ringstrasse 2 8603 Schwerzenbach, Switzerland

We confirm that the product named above is in conformity with RoHS, WEEE and the following directives and standards:

Low voltage directive: 2014/35/EU

Safety requirements, General requirements

EN/IEC 61010-1

EMC directive: 2014/30/EU

Electromagnetic Compatibility (EMC) Standard EN 61326-1

Radio Equipment directive: 2006/25/EC

Ground- and Wall- Probing Radar applications EN 302 066 V2.2.1

EMC Part 1: standard for radio equipment and services EN 301 489-1 V2.2.3

EMC Part 33: Specific conditions for Ultra-Wide Band (UWB) devices EN 301 489-33 V2.2.1

RoHS directive: 2011/65/EU & 2015/863/EU

WEEE directive: 2012/19/EU

Schwerzenbach, 08.11.2023



Patrick Waller
Chief Operating Officer

ASIA-PACIFIC

Screening Eagle Singapore Pte. Ltd.

1 Fusionopolis Way

Connexis South Tower #20-03

Singapore 138632

T +65 6331 4151

ScreeningEagle.com



Documents / Resources



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GM8000 Mobile Mapping For Subsurface, GM8000, Mobile Mapping For Subsurface, Mapping For Subsurface, For Subsurface

References

- [Screening Eagle Technologies - Protect The Built World - Protect The Built World](#)
- [User Manual](#)

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