

LETECH LED MULTI-CHAMBER REAR WORK LIGHT

INSTALLATION INSTRUCTIONS

LAST UPDATE
2025

VEHICLE TYPE
GRENADIER

MADE IN GERMANY



LETECH

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1. GENERAL

Thank you for purchasing a LETECH quality product. Through state-of-the-art production facilities, constant checks and regulated processes, we ensure that only flawless products leave our production.

1.1 SAFETY INSTRUCTIONS

Work on the vehicle may only be carried out by trained specialists.

Work on the vehicle electrical system may only be carried out by specialists with appropriate electrical and electronic knowledge.

Before working on the vehicle electrical system, disconnect the battery.

Use suitable hoists and tools when preparing and assembling the LETECH LED multi-chamber rear work light.

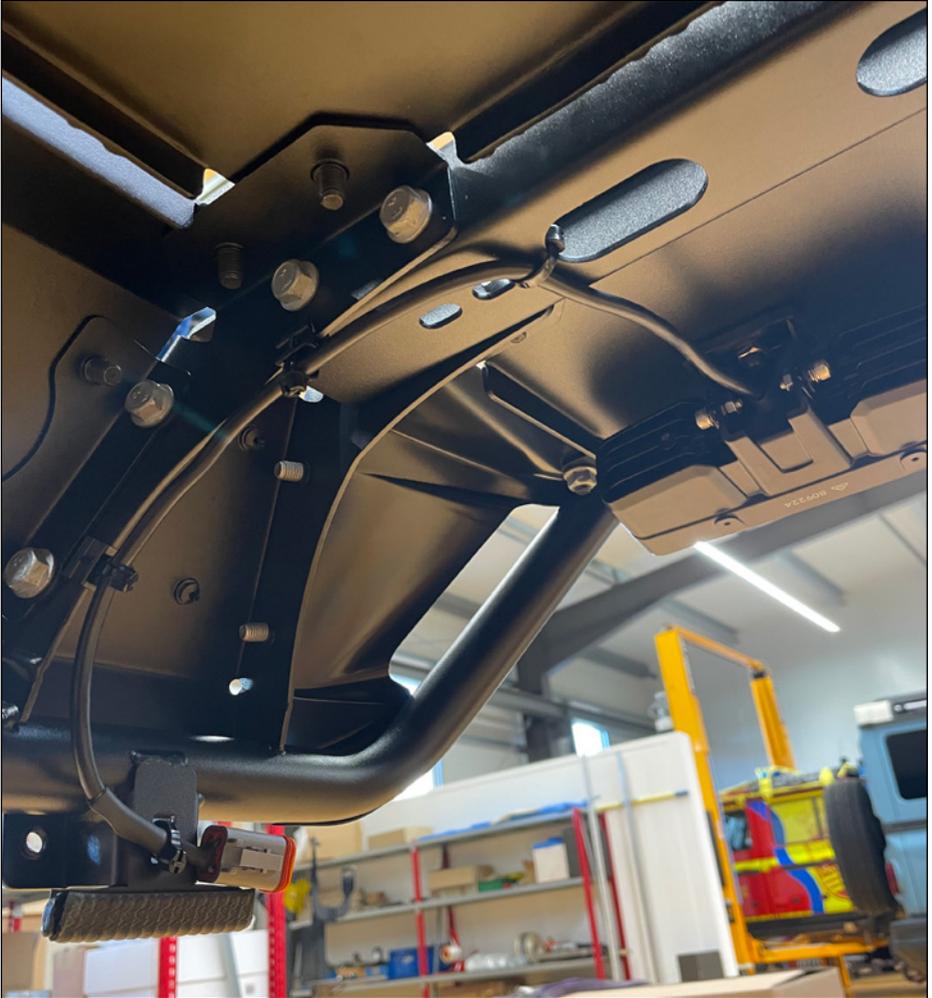
In general, the safety requirements of the respective workshop or country must be observed.

2. INSTALLATION



Prepare the work lights. Remove the original frame and mount the work lights on the roof rack.

2. INSTALLATION



Lay the cables for the lights inside the roof rack and secure them.

2. INSTALLATION



Remove the rear left/right trim panels.

2. INSTALLATION



Lay the original cable through the plug at the top of the roof into the interior and seal it with a suitable sealant.

2. INSTALLATION



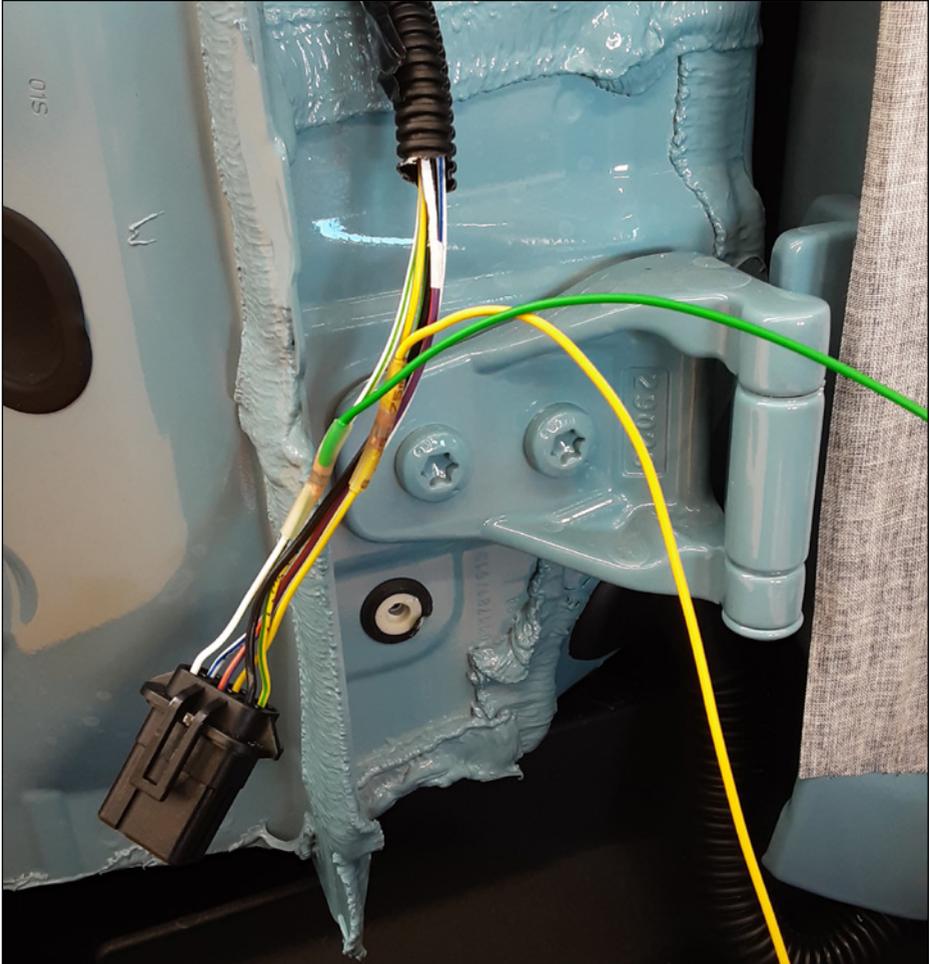
Remove the interior trim from the boot on the left and right.

2. INSTALLATION



Lay the cables down at the rear left and right and secure them appropriately.

2. INSTALLATION



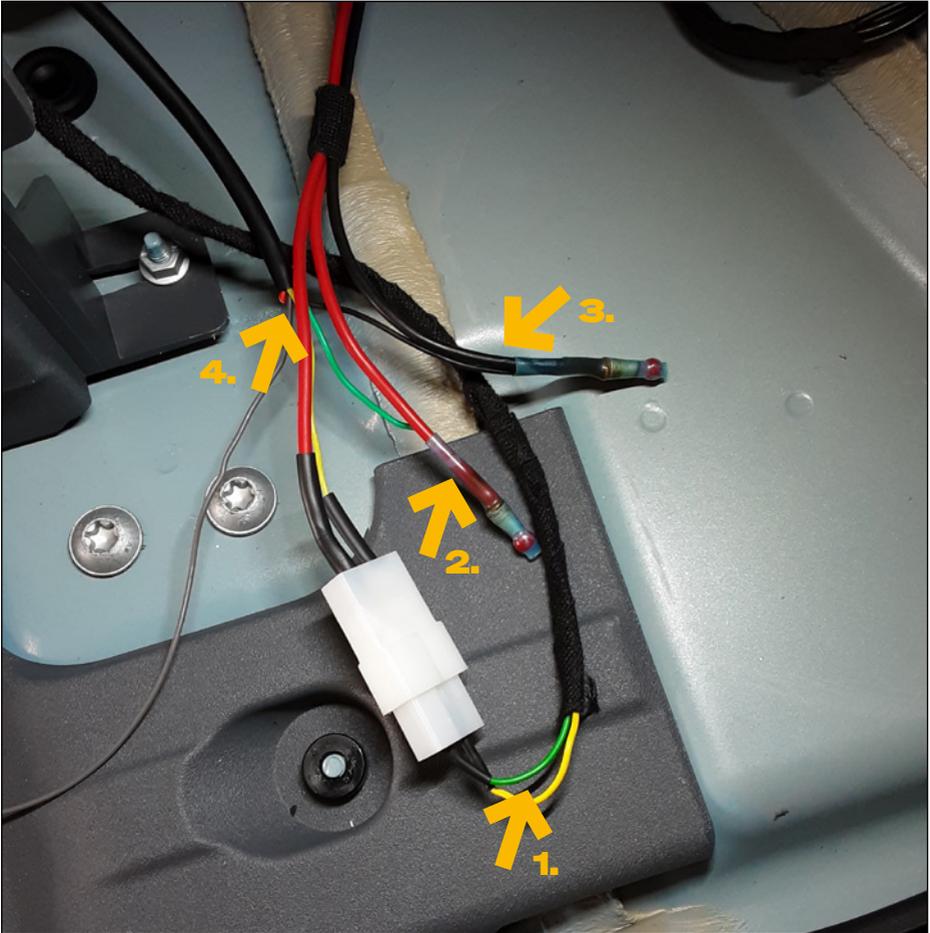
1. Measure the voltage of the left/right direction indicator at the rear light and lay a 1.5 mm² cable (yellow) in the interior and solder it to the auxiliary headlights.
2. Measure the voltage of the tail light and lay a 1.5 mm² cable (green) in the interior.

2. INSTALLATION



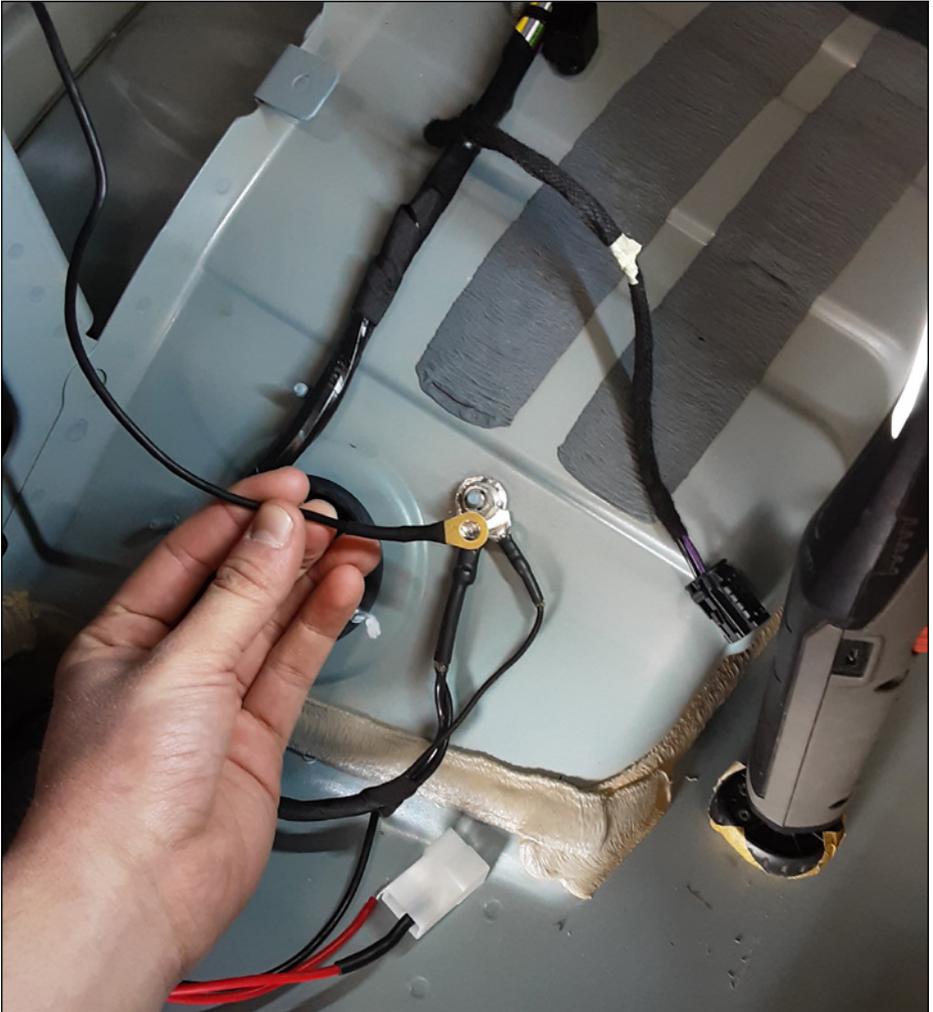
Position the supplied signal suppressors in a suitable location. These are clamped between the tail light and the auxiliary headlight.

2. INSTALLATION



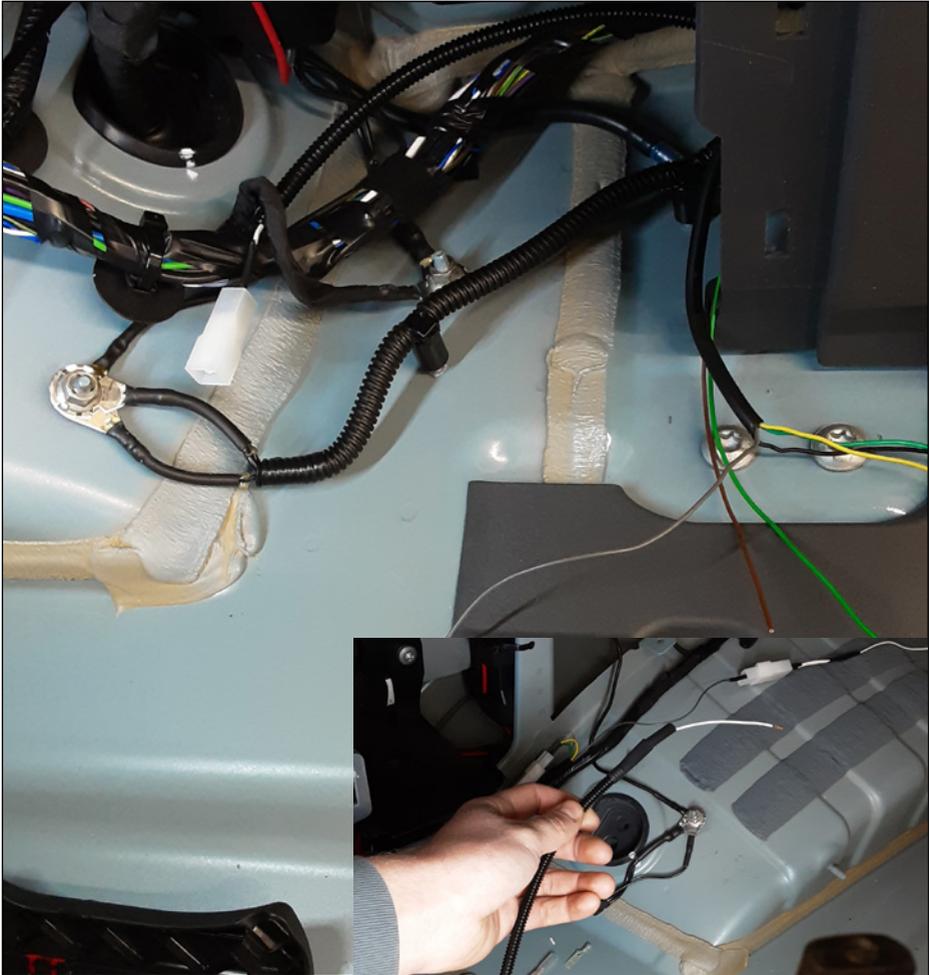
1. Connect the extended green cable of the tail light directly to the interference suppressor.
2. Connect the other red cable of the interference suppressor to the auxiliary headlight.
3. Connect the black ground cable of the auxiliary headlight to the black cable of the interference suppressor.
4. The red cable of the auxiliary headlight is not needed and can be disconnected.

2. INSTALLATION



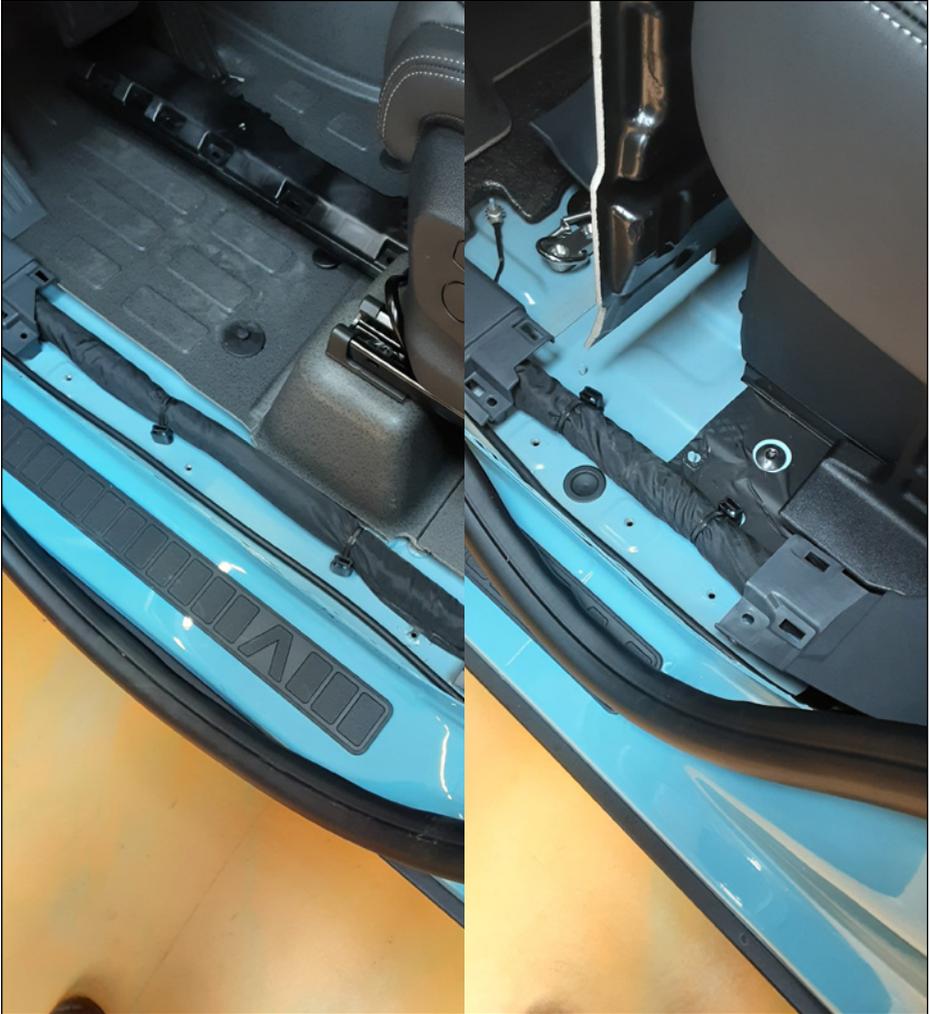
Connect the ground cable of the interference suppressor to the ground point.

2. INSTALLATION



Extend the grey cable of the right-hand auxiliary headlight with a 1.5 mm² cable and lay it on the left-hand side of the vehicle. Insulate it with suitable insulating material, feed it under the boot trim and secure it.

2. INSTALLATION



Remove the door sill plates on the driver's side and the front driver's footwell trim so that the prepared cables for the Intern-1 switch are exposed.

2. INSTALLATION



Connect the positive cable of the Intern-1 switch to a white 1.5 mm² cable and lay it to the left rear towards the tail light. Solder the two grey cables of the auxiliary headlights to the cable of the Intern-1 switch and insulate them. Lay the cables neatly and check that they are securely fastened.

2. INSTALLATION



Fit exterior and interior trim and ensure that cables are laid correctly.