LETECH WINCH ATTACHMENT FROM 2018

INSTALLATION INSTRUCTIONS

LAST UPDATE	VEHICLE TYPE
2026	**G-CLASS W463A**

MADE IN GERMANY

LENNARTZ-TECHNIK.DE

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 winch attachment from 2018.

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

1.2 SCOPE OF DELIVERY

Cross-tube wind-up bumper
(1x)

Base winch
(1x)

Reinforcement of the rope window
(1x)

Rope window
(1x)

Retaining clip (right)
(1x)

Retaining clip (left)
(1x)

Winch relay bracket
(1x)

Winch relay
(1x)

Steel cladding G500+G350d
(1x)

alternatively
G63 sheet metal cladding
(1x)

alternatively
Widestar sheet metal cladding
(1x)

1.2 SCOPE OF DELIVERY

Screw set
(1x)

Flat-headed half-round head screw with collar and hex socket, M8x16
(2x)

Flat-headed half-round head screw with collar and hex socket, M8x25
(4x)

M5x16 pan head screw with cross-recess
(4x)

M8x16 hexagon head screw, grade 8.8
(4x)

Flat-headed half-round head screw with collar and hex socket, M6x12
(2x)

Hexagon head bolt with flange, M10x35
(2x)

Hexagon head bolt with flange, M10x30
(2x)

Hexagon head bolt with flange, M10x25
(4x)

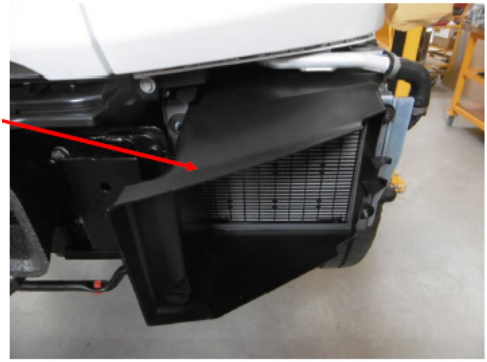
M10 ring nut
(4x)

2. ASSEMBLY

Carry out all removal work in accordance with the workshop manual!

Remove the inner wheel arches on the left and right.
Remove the front underrun protection.

2. ASSEMBLY

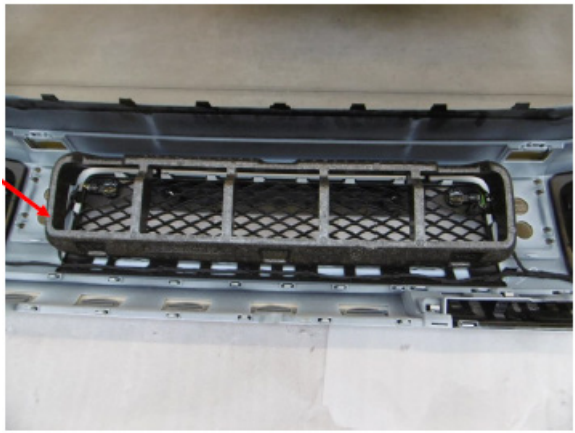


Remove the front bumper. Unclip the parking sensors.
Remove the air ducts on the left and right.

2. ASSEMBLY

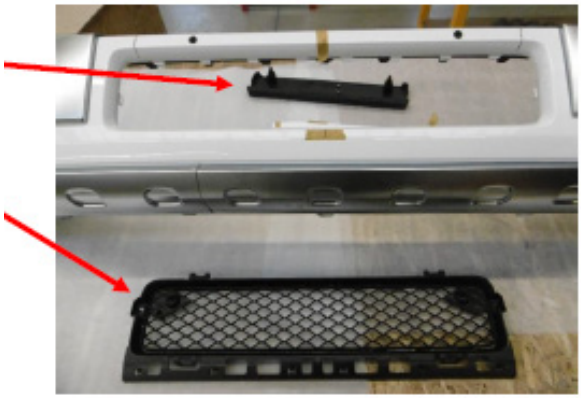
Remove the front cross member, including the air duct. (These parts are no longer required.)

2. ASSEMBLY



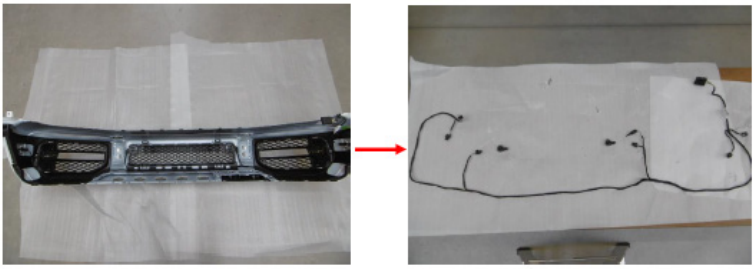
Remove the air duct from the front bumper.
(This part is no longer required.)

2. ASSEMBLY



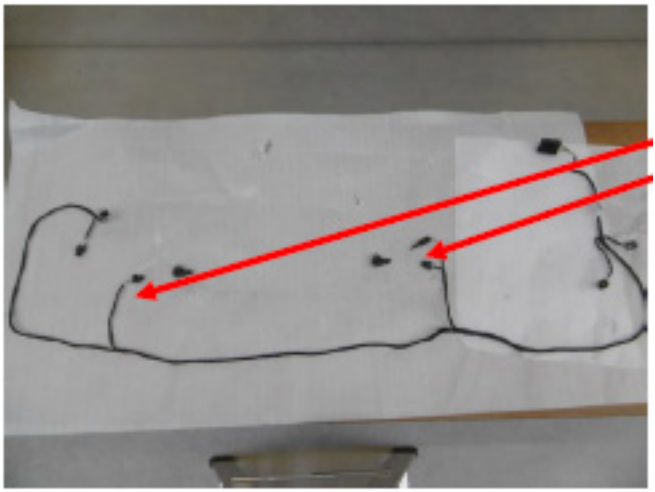
Remove the number plate holder and air intake grille from the front bumper.
(These parts are no longer required.)

2. ASSEMBLY



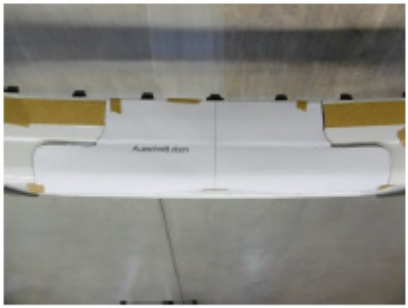
Remove the wiring harness from the front bumper.

2. ASSEMBLY



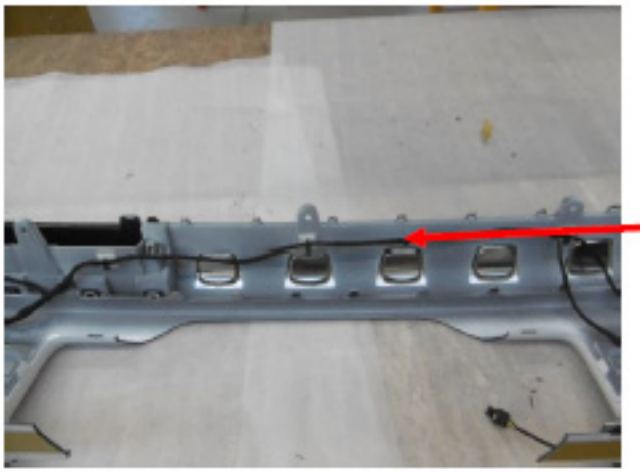
The cables for the two middle sensors need to be extended by 25 cm.
(The temperature sensor can remain in place.)

2. ASSEMBLY



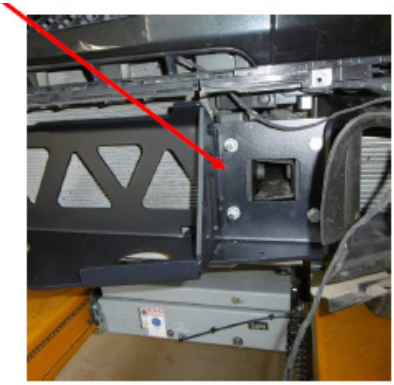
The kit includes bumper-specific templates (drawings)!
Cut these out, stick them in the centre of the bumper and use a bodywork saw to cut out the bumper trim.
Protect the paintwork!

2. ASSEMBLY



Refit the extended cable set

2. ASSEMBLY



Screws M10x25 (4x)	Fit the winch mounting bracket. Tightening torque: 45 Nm.
M10 nuts (4x)	

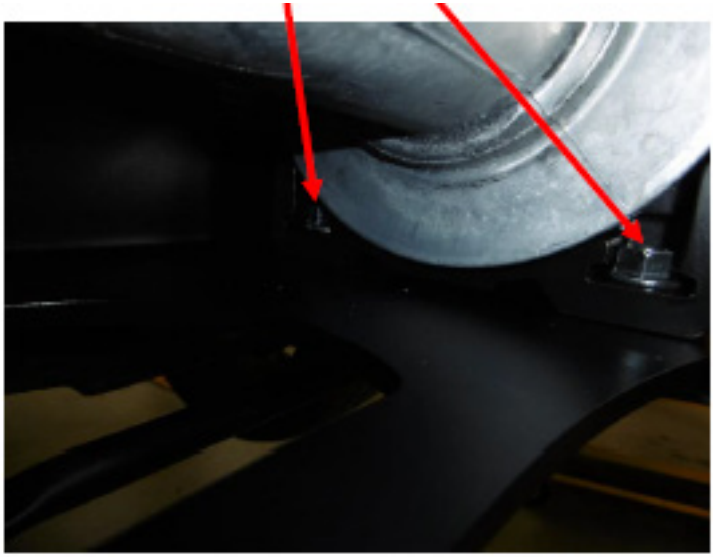
2. ASSEMBLY

Use the trimmed bumper trim as a template. Cut out the transition panel.

2. ASSEMBLY

Retaining clip, right, left (je 1x)	Before installing the winch, the retaining clips on the right and left must be screwed onto the base plate!
Screws M6x16 (2x)	

2. ASSEMBLY



M10 ring nut (4x)	Insert the cable winch into the base bracket, then insert 4 M10 lock nuts into the guide on the cable winch.
winch (1x)	

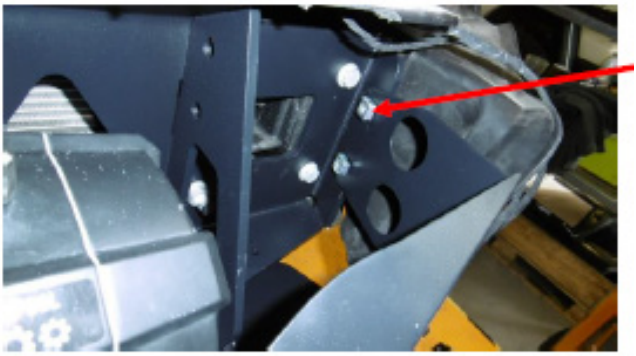
2. ASSEMBLY

Reinforcement of the rope window (1x)	Secure the winch from below using 2x M10x30 bolts at the rear and 2x M10x35 bolts at the front; the reinforcement for the cable opening must also be secured from below. Tightening torque: 45 Nm Do not tighten the front bolts yet, as the cover will need to be aligned later!
Hexagon head bolt with flange, M10x30 (2x)	
Hexagon head bolt with flange, M10x35 (2x)	

2. ASSEMBLY

When installing the winch, route the winch's connection cables through the recess in the base bracket.

2. ASSEMBLY

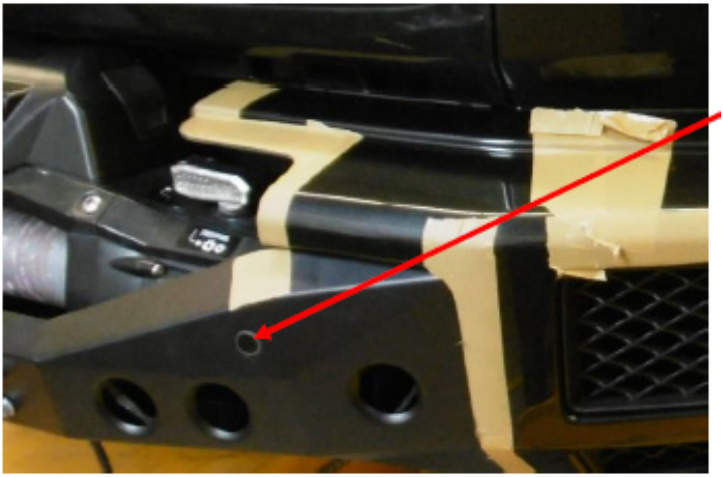


Winch cover (1x)	Fit the winch cover. Bolt the cover to the base beam on the left and right.

2. ASSEMBLY

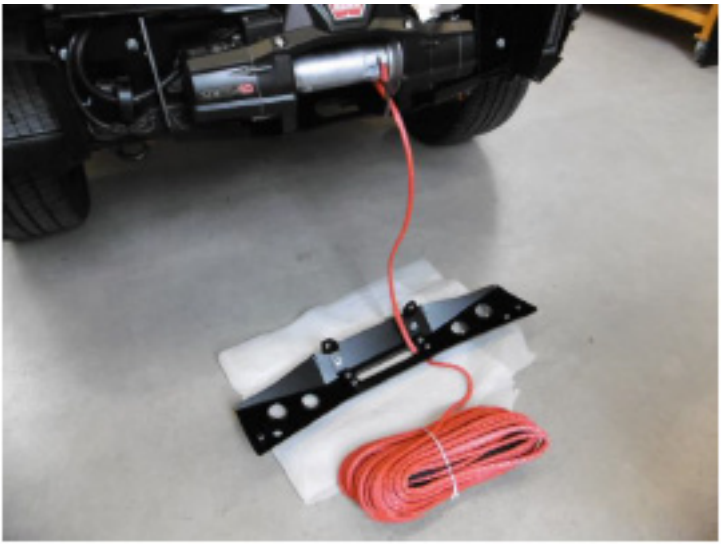
The parking sensors (2 pcs) must be fitted into the bracket after the winch cover plate has been installed, and the bracket must be bonded to the winch cover plate from behind using bodywork adhesive, ensuring it is flush and as vertical as possible!

2. ASSEMBLY



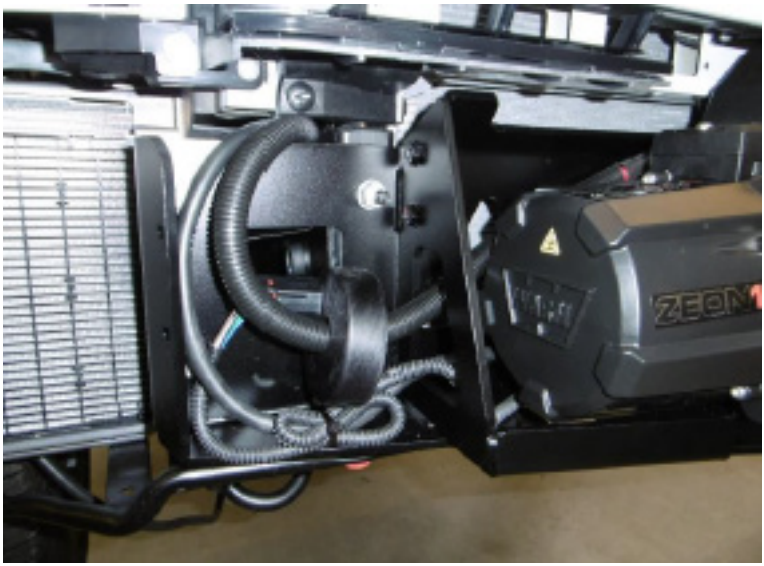
Align the sensors flush with the trim and as vertically as possible.
Route the parking sensor cables behind the trim panel and secure them in place.

2. ASSEMBLY



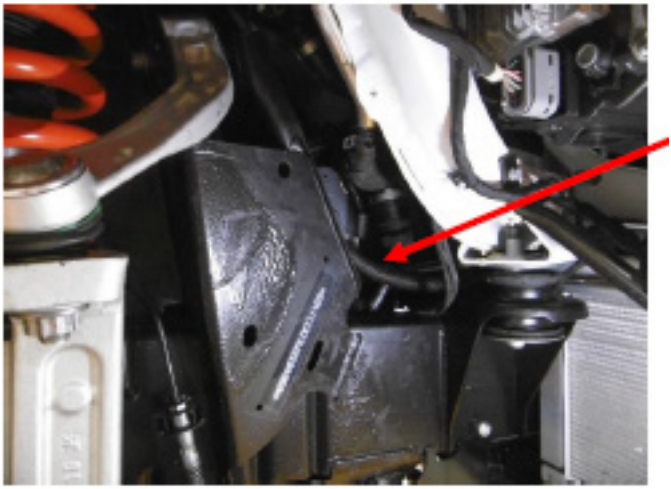
Guide the end of the cable through the cover, cable guide and cable guide reinforcement.
Wind the cable as per the instructions (Warn).
(The winch cable can also be wound after the cross tube has been fitted.)

2. ASSEMBLY



Route the connection cable along the right-hand side of the vehicle.

2. ASSEMBLY



Route the winch cable assembly upwards along the frame.

2. ASSEMBLY

Connect the negative lead to the vehicle‘s earth terminal.

2. ASSEMBLY

Winch relay bracket (1x)	Secure the winch relay bracket to the strut brace using the screw connection. Observe the tightening torque specified by Mercedes-Benz!

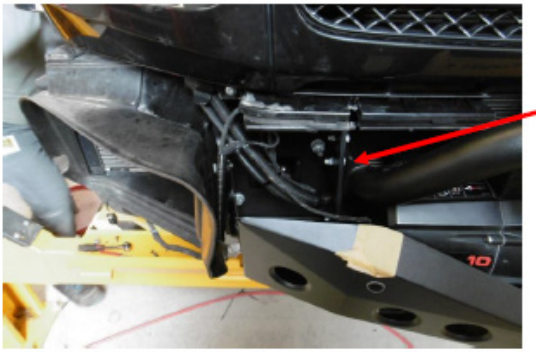
2. ASSEMBLY

Winch relay (1x)	Secure the winch relay to the bracket using 4 M5x16 Phillips-head pan-head screws. Connect the cable to the vehicle's positive terminal.
M5x16 pan head screw with cross-recess (4x)	

2. ASSEMBLY

Refit the vehicle cover and the terminal.

2. ASSEMBLY

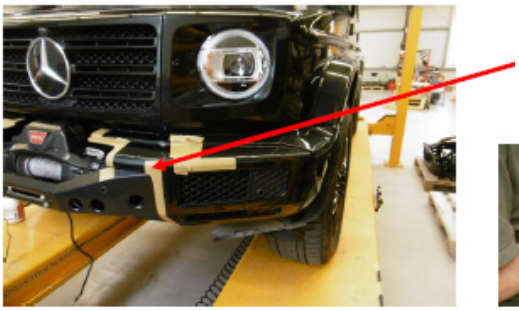


Cross-tube wind-up bumper (1x)	Fit the front cross tube with the number plate holder. Secure the cross tube to the base beam using 4 M8x16 8.8 hexagon head bolts. Tightening torque: 24 Nm. (The winch cable can also be wound onto the cross tube after it has been fitted.)
M8x16 hexagon head screw 8.8 (4x)	

2. ASSEMBLY

Fit the front left and right air ducts if they have been removed.

2. ASSEMBLY



Carefully adjust the pre-cut left and right bumper trims.

2. ASSEMBLY

Fit the left and right bumper trims.
(If necessary, holes may need to be drilled in the bumper trims to secure the inner mudguards.)

2. ASSEMBLY

Final projects:

- Refit the inner wheel guards on the left and right, as well as the underrun protection.
- Install the interior control unit using the “Installation Instructions for CAN-BUS Connection Module”.
- Carry out a functional test.
- Carry out a test drive.