



Installation Manual:

MultiSignal Pro

Article number: 801

Model: BMW R 1250 GS

The module is designed for your motorcycle and allows straightforward installation as well as optimal function. The MultiSignal Pro is connected between the rear turn signal connectors and the tail light connector, connected to the front turn signal wiring of your BMW motorcycle, and supplied with power from the motorcycle battery.

If you have any questions during installation or operation, contact us at individualisierungen@emotion-ride.de. We will support you with identifying the connectors and with model-specific questions.

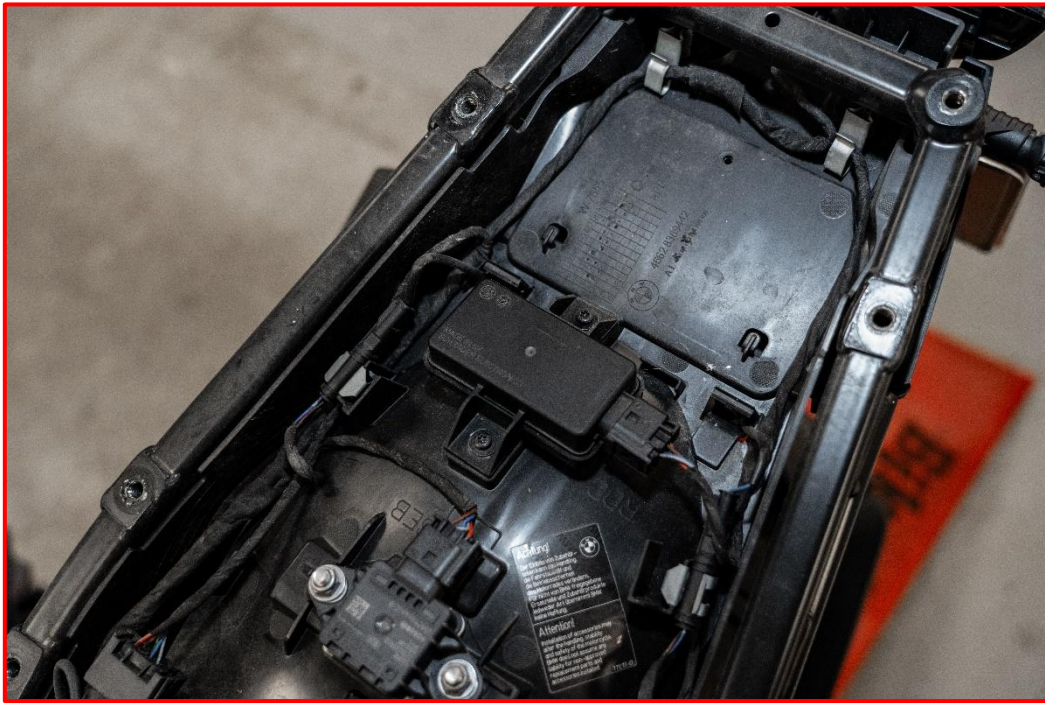
Preparation:

Before you start, disconnect the wiring harness from the negative terminal of the motorcycle battery.

Installation:



Remove all seats.



Remove the grab handle and the rear carrier section.



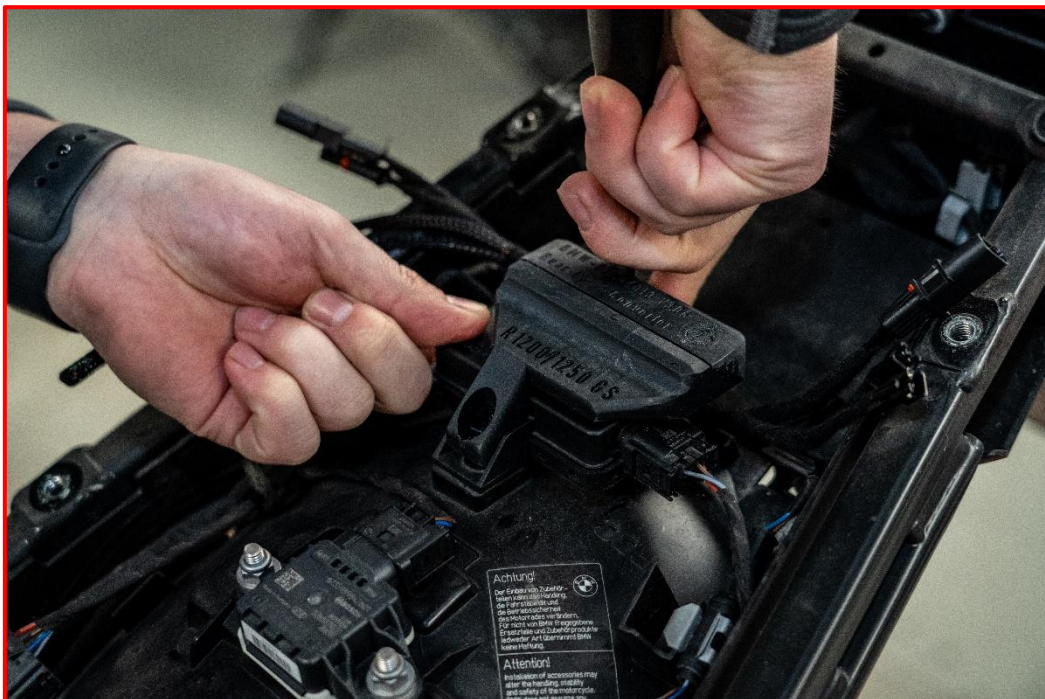
Remove the two screws of the control unit (if present).

(Image 1/2)

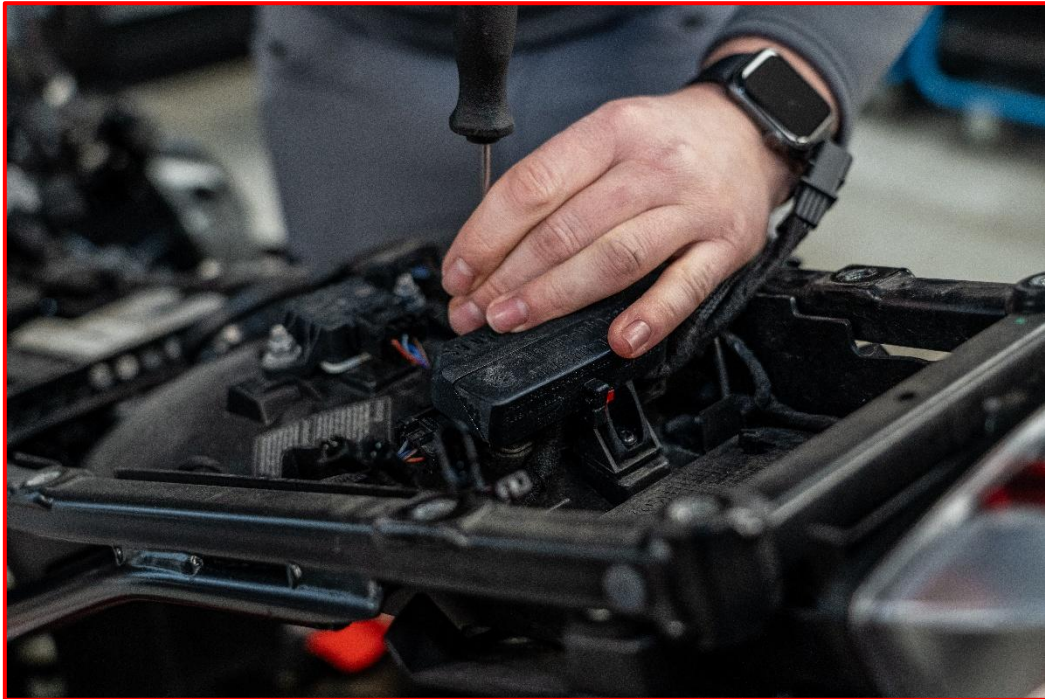


Remove the two screws of the control unit (if present).

(Image 2/2)



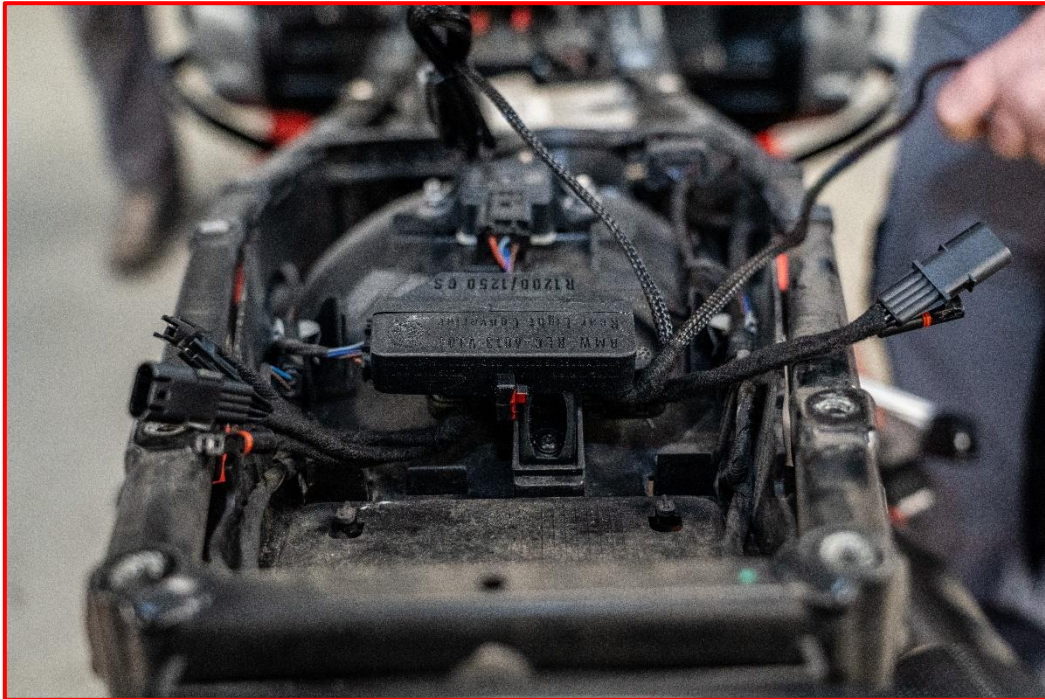
Position the module above the control unit (if present) or at the designated mounting points.



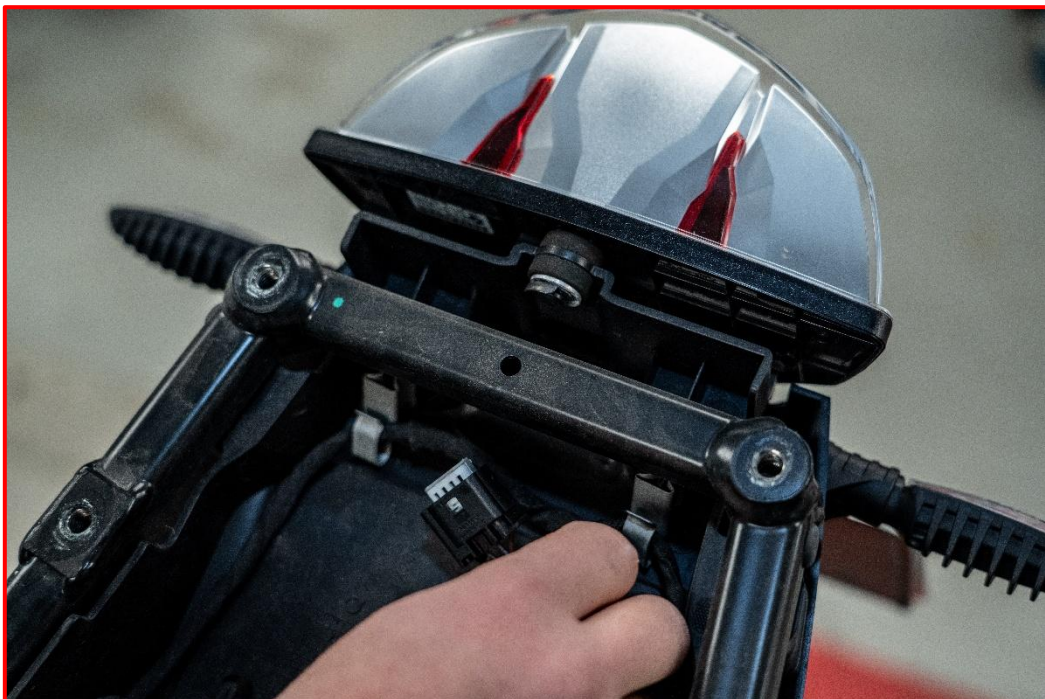
Secure the MultiSignal Pro and the control unit (if present) using the screws supplied.



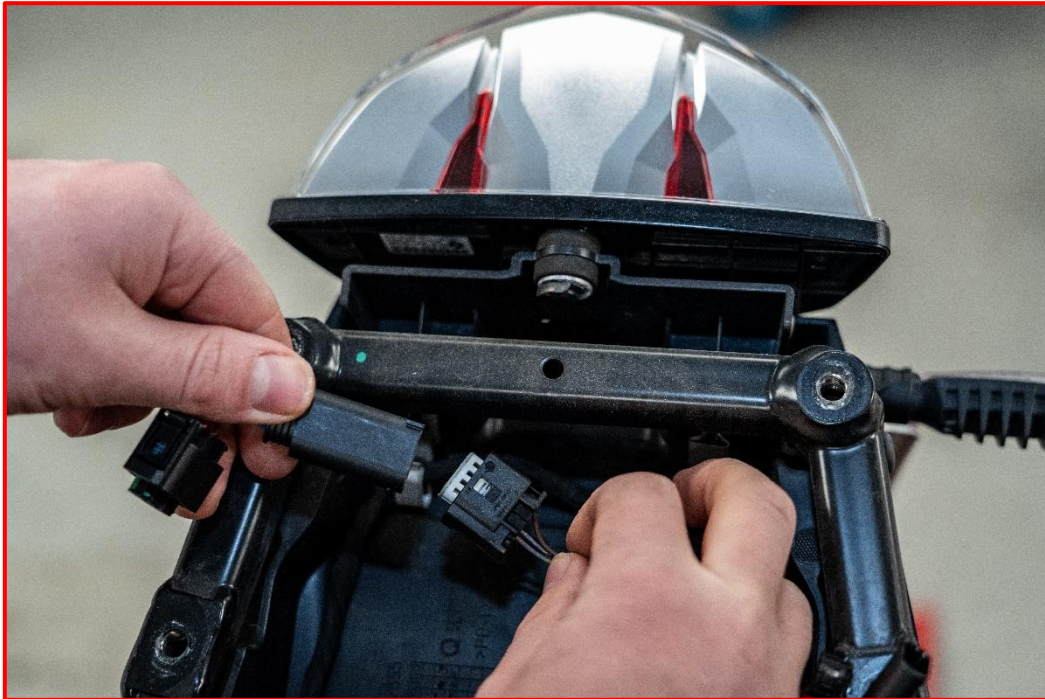
Position of the MultiSignal Pro when installed, side view.



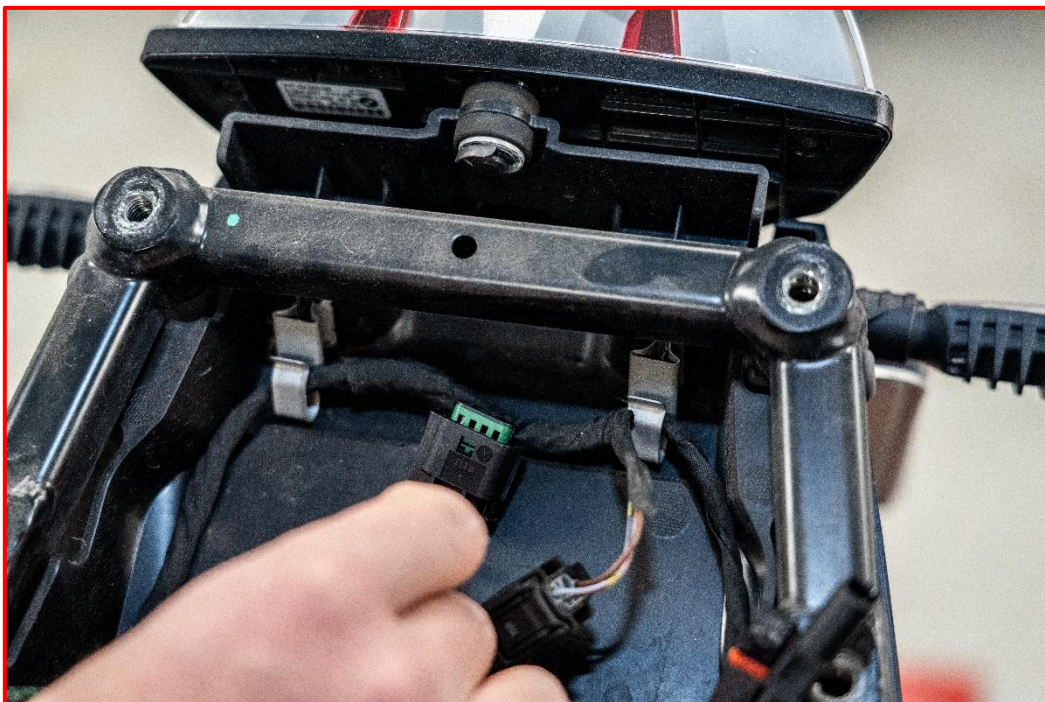
Position of the MultiSignal Pro when installed, rear view.



Disconnect the original tail light connector.



Plug the tail light connector of the motorcycle wiring harness into the corresponding socket of the MultiSignal Pro wiring harness.



Plug the connector of the MultiSignal Pro wiring harness into the tail light.

(Image 1/2)

Page 6

Version 1.0 | Revision: May 2026 | Emotion Ride GmbH



Plug the connector of the MultiSignal Pro wiring harness into the tail light.

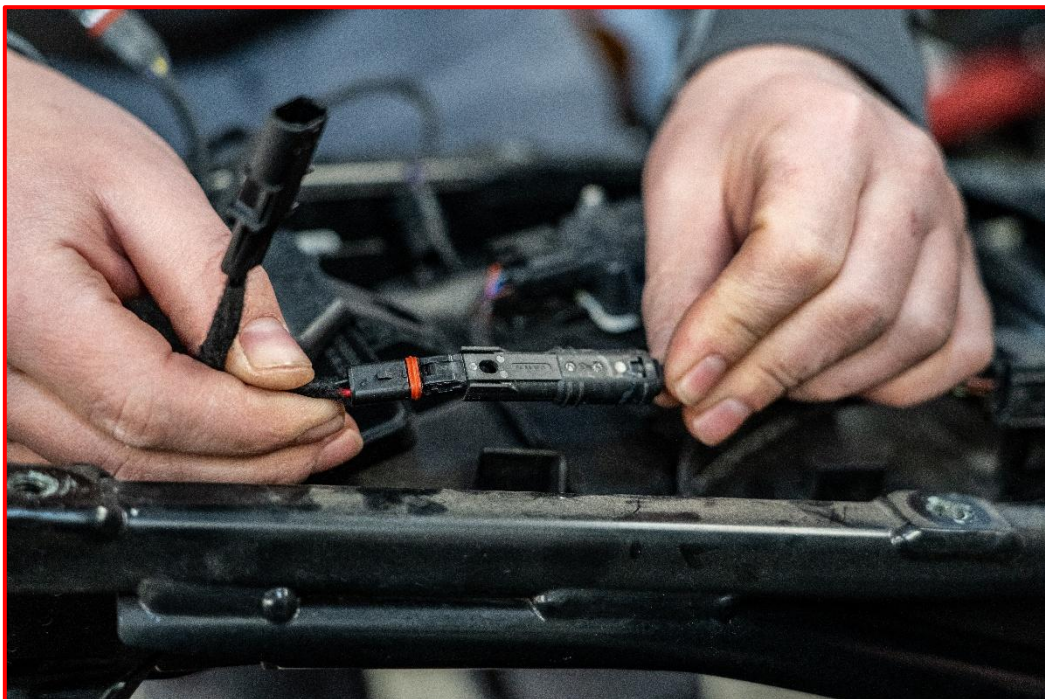
(Image 2/2)



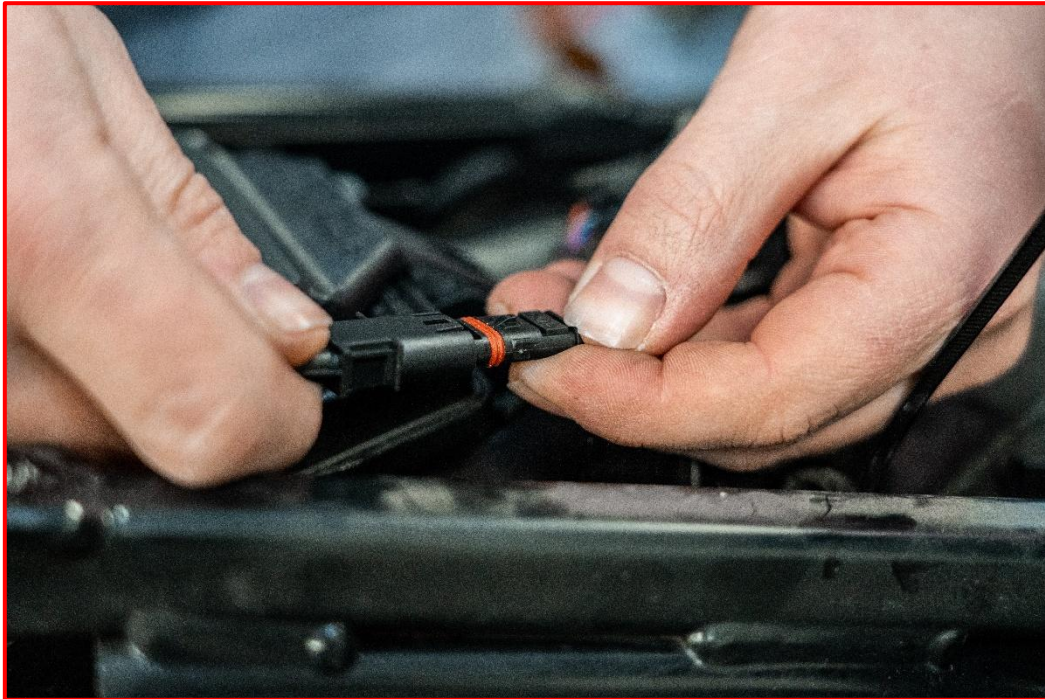
Remove the license plate holder and replace the installed turn signals with the multifunction turn signals.



Carefully enlarge the two holes for the turn signals in the license plate holder if necessary.



Plug the two rear turn signal connectors of the MultiSignal Pro wiring harness into the corresponding sockets of the motorcycle wiring harness.



Plug the two rear turn signal connectors of the multifunction turn signals into the corresponding sockets of the MultiSignal Pro wiring harness.



At this point, you can decide whether you want to retrofit the Cruising Light function. If not, skip the next step and do not route the supply leads for the Cruising Lights.



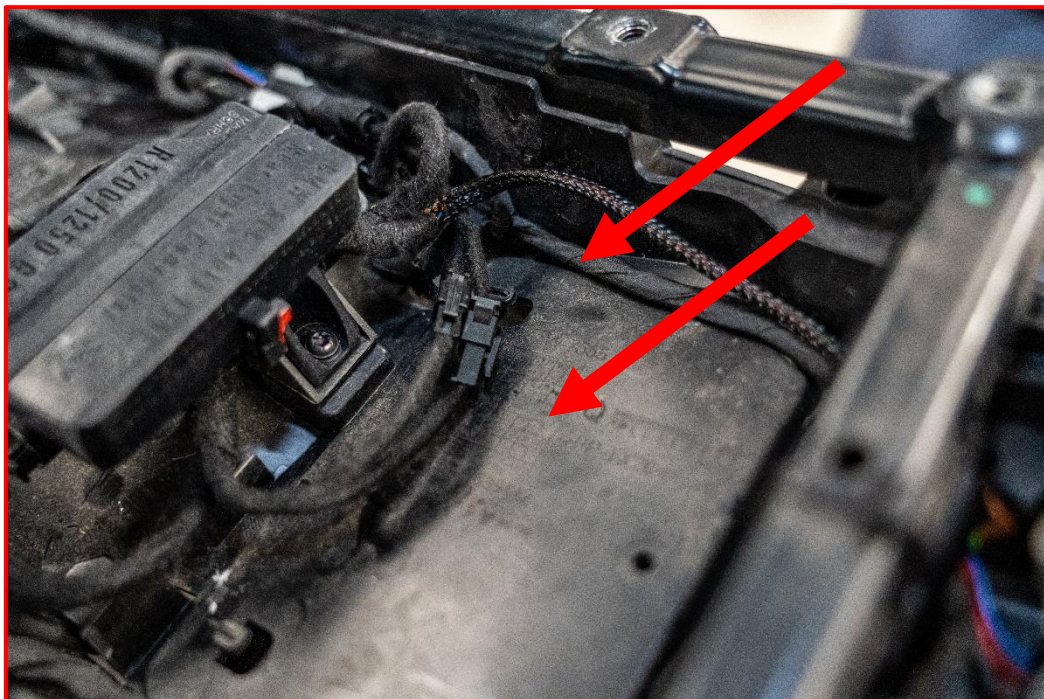
Plug the two supplied supply leads for the Cruising Lights into the sockets of the MultiSignal Pro wiring harness.



Guide the rear section of the MultiSignal Pro wiring harness into the original retaining clips (circles) and secure the tail light connector to the rear frame with a cable tie (arrow).



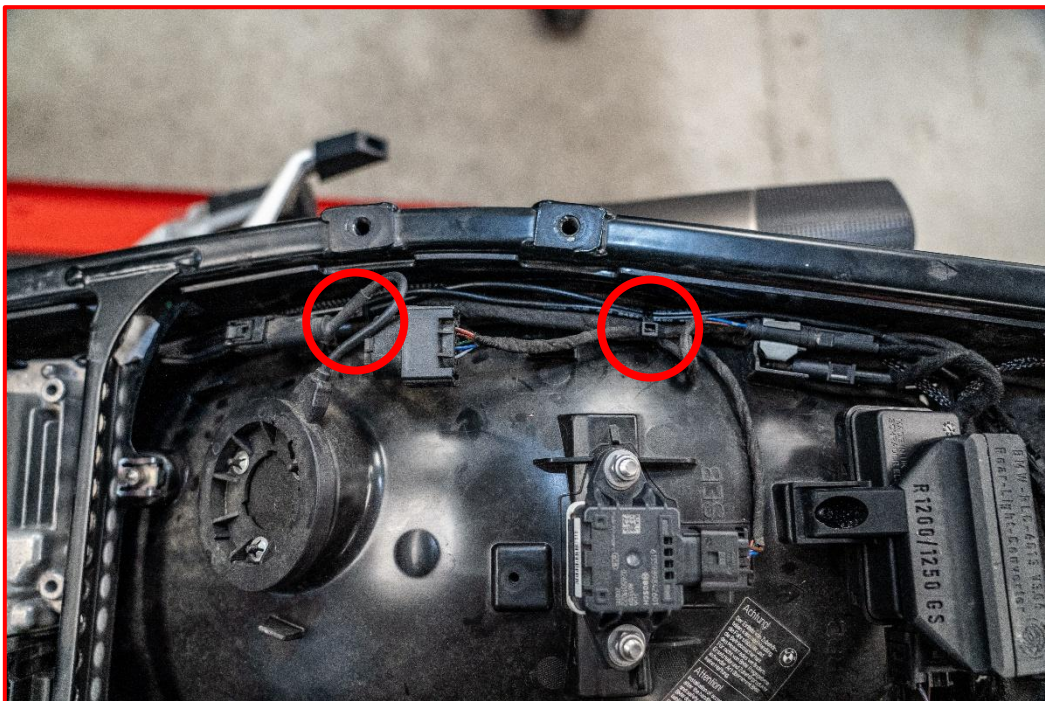
Secure the two original rear turn signal connectors in the designated retaining clips (circle).



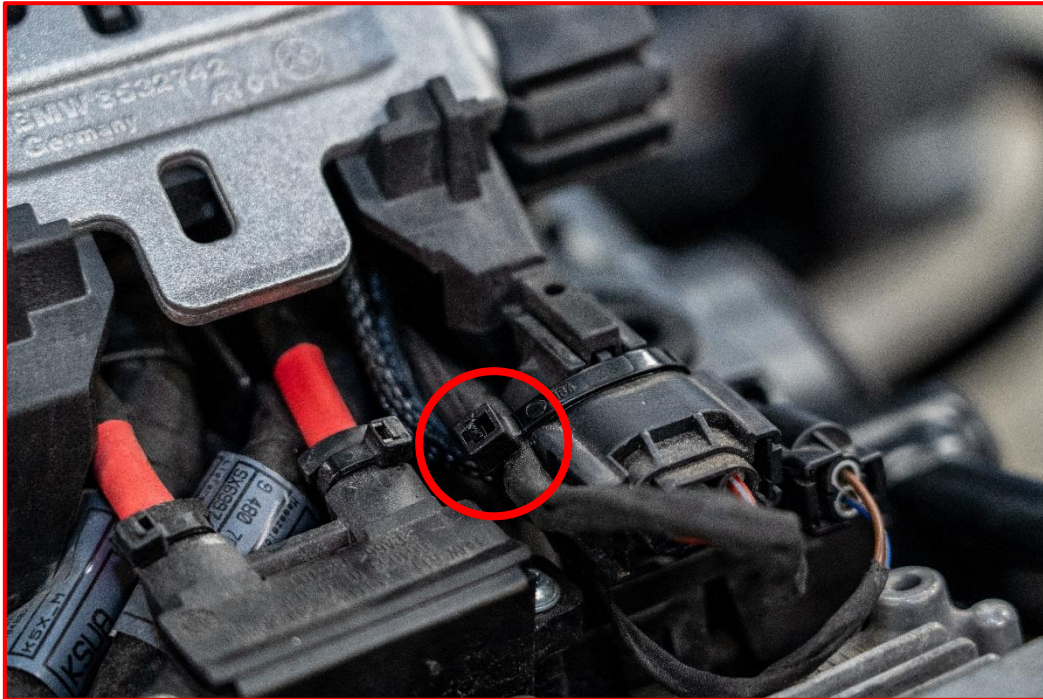
Route the supply leads for the Cruising Lights (arrows) together with the power supply lead of the MultiSignal Pro to the motorcycle battery.



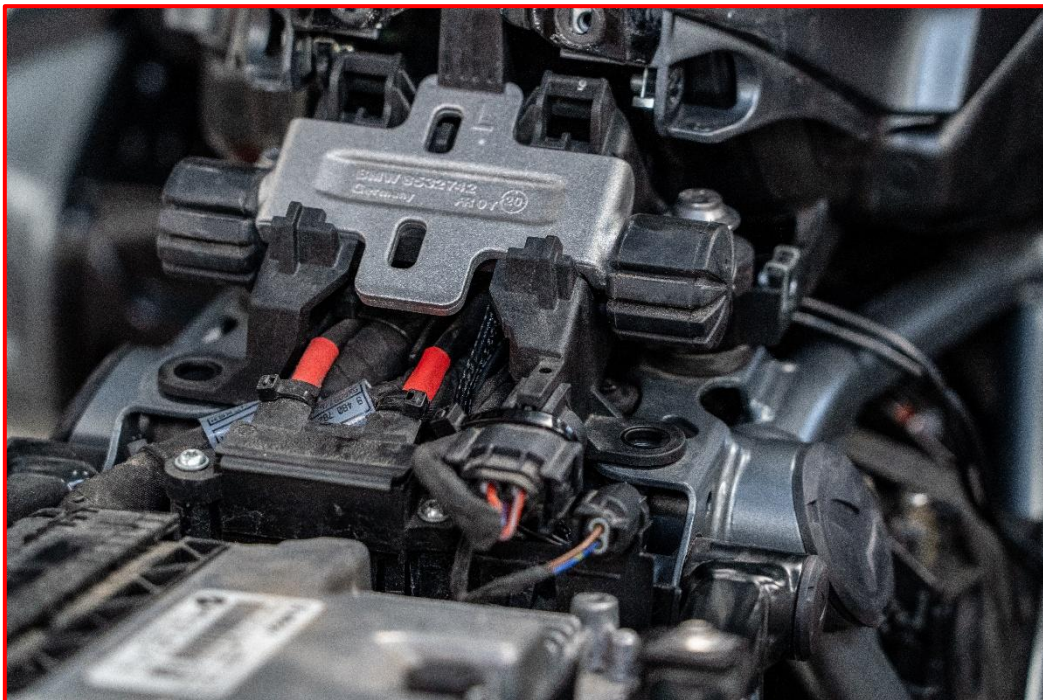
Secure the leads running to the motorcycle battery to the motorcycle wiring harness with a cable tie (circle).



Secure the leads running to the motorcycle battery to the motorcycle wiring harness with a cable tie (circles).



Secure the leads running to the motorcycle battery to the motorcycle wiring harness with a cable tie (circle).



Route the leads running to the motorcycle battery underneath the base plate of the seat adjustment (arrows) and underneath the fuel tank to the right side of the motorcycle above the battery.



Secure the leads running to the motorcycle battery to the front frame with a cable tie (circle).



Connect the ring terminal of the MultiSignal Pro power supply lead to the motorcycle jump-start terminal to the right of the motorcycle battery (circle). Store the fuse holder of the MultiSignal Pro near the motorcycle battery.

From this point on, the MultiSignal Pro is functional even without the supply leads for the Cruising Lights and operates the rear lighting elements as intended. If you have decided not to retrofit the Cruising Lights, skip the corresponding steps.

Route the supply leads for the Cruising Lights at the front of the motorcycle to the two front turn signal connectors, one on the left and one on the right. There is no distinction between the left and right supply lead.



Disconnect the front turn signal connectors. Then plug the turn signal connectors of the MultiSignal Pro wiring harness into the sockets of the motorcycle wiring harness and the turn signal connectors into the sockets of the MultiSignal Pro wiring harness to retrofit the Cruising Light function.



Final steps:

After completing the work, reconnect the motorcycle wiring harness to the negative terminal of the motorcycle battery. You may need to reset the current time and calendar date in the instrument cluster. Please follow the instructions in your motorcycle manual.

Check the fuse in the fuse holder of the MultiSignal Pro power supply lead. If the fuse is defective, only use 1-amp blade fuses.

Reassemble the motorcycle and perform a function test.

Product-specific notes:

The module is equipped with a fail-safe function. If the fuse in the MultiSignal Pro power supply lead fails, the system automatically switches to the lighting behavior specified by the manufacturer. In the event of a fuse failure, only use 1-amp blade fuses.

If you want to connect the MultiSignal Pro to turn signals from other manufacturers (e.g. Kellermann) or change the behavior of the central tail light, the operating mode of the module must be changed. Contact us at individualisierungen@emotion-ride.de. We will support you with the model-specific change of the operating mode.

General notes:

Opening a module immediately voids the warranty.

After working on your motorcycle lighting system, always make sure that the lighting and signal system works correctly.

If you are unsure where the corresponding connectors are located on your model, or if you have any questions during installation, contact us at individualisierungen@emotion-ride.de. If in doubt, contact a motorcycle workshop in your area for support with the installation.

If problems occur with the function of the module or the associated components, please contact us at individualisierungen@emotion-ride.de.

Scope of delivery when ordering one individual MultiSignal Pro:

Description	Quantity
MultiSignal Pro	1
Supply lead for Cruising Light	2
Gel connector	4
Screw	2



Scope of delivery when ordering a MultiSignal Pro as a set:

Description	Quantity
MultiSignal Pro	1
Supply lead for Cruising Light	2
Gel connector	4
Screw	2
Turn signal (BMW original part)	2
Multifunction turn signal (BMW original part)	2

