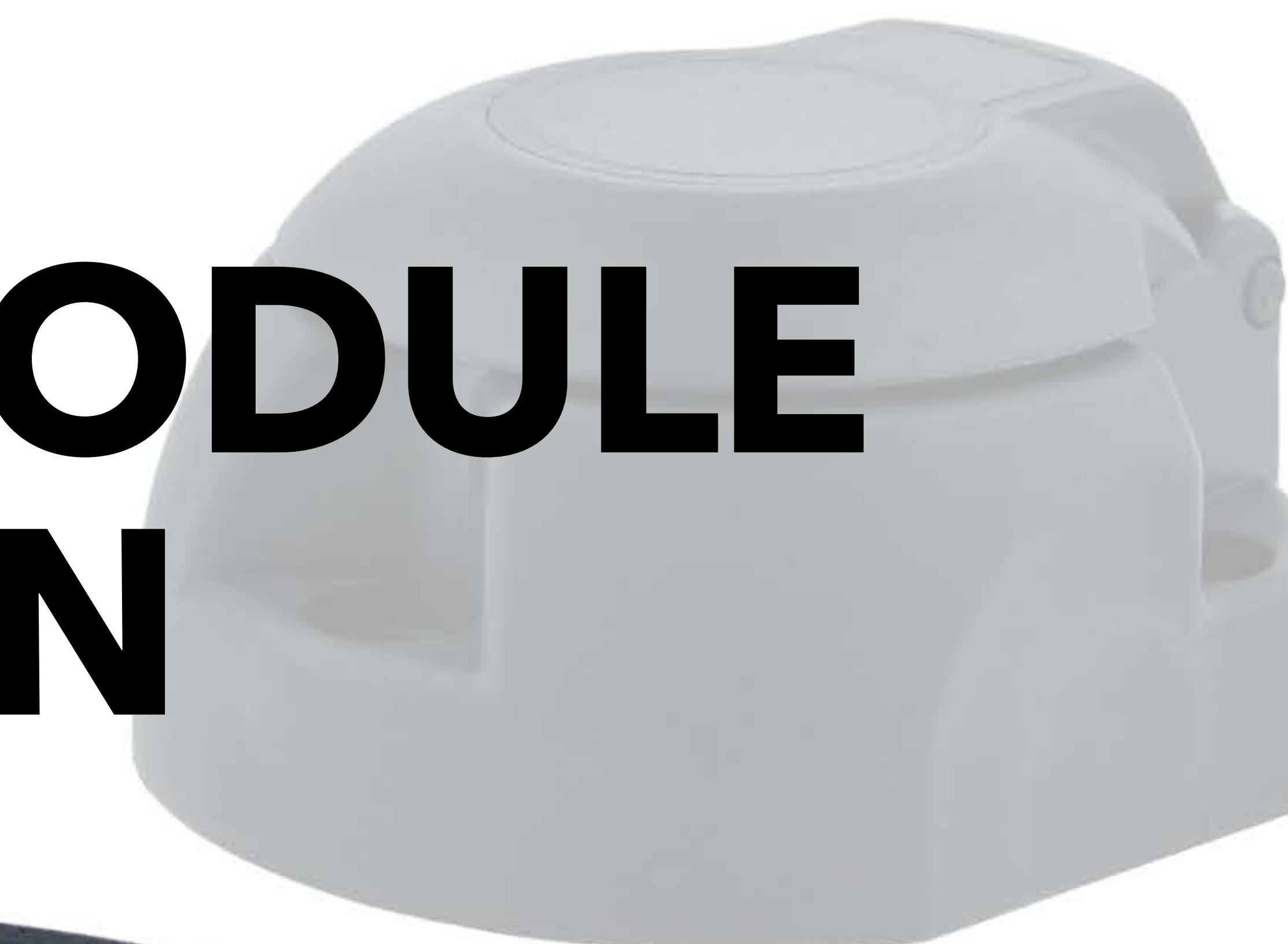


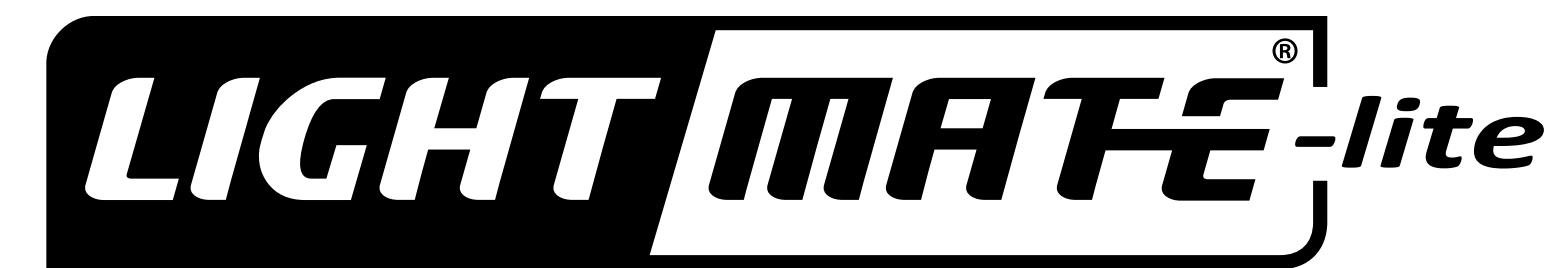
THE NEW MODULE GENERATION

LIGHT MATE[®]-lite

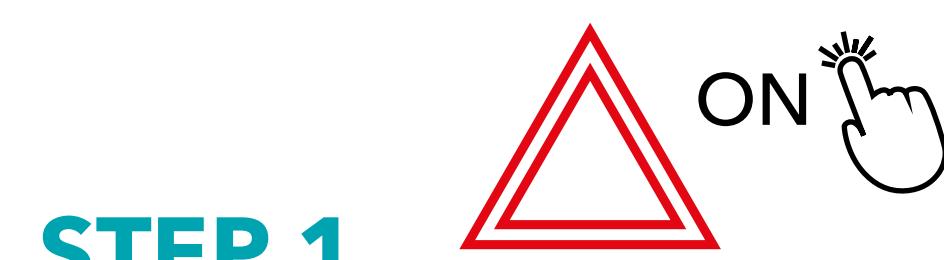
CAN CHECK

C2 Turn Indicator
Substitution



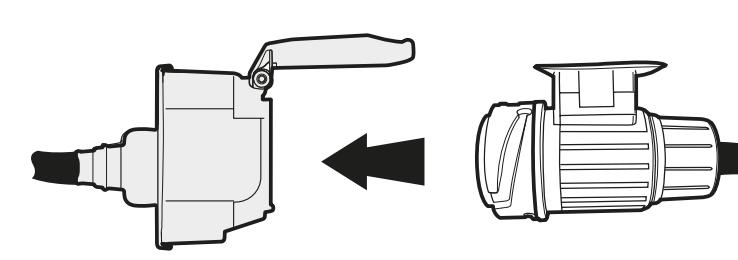
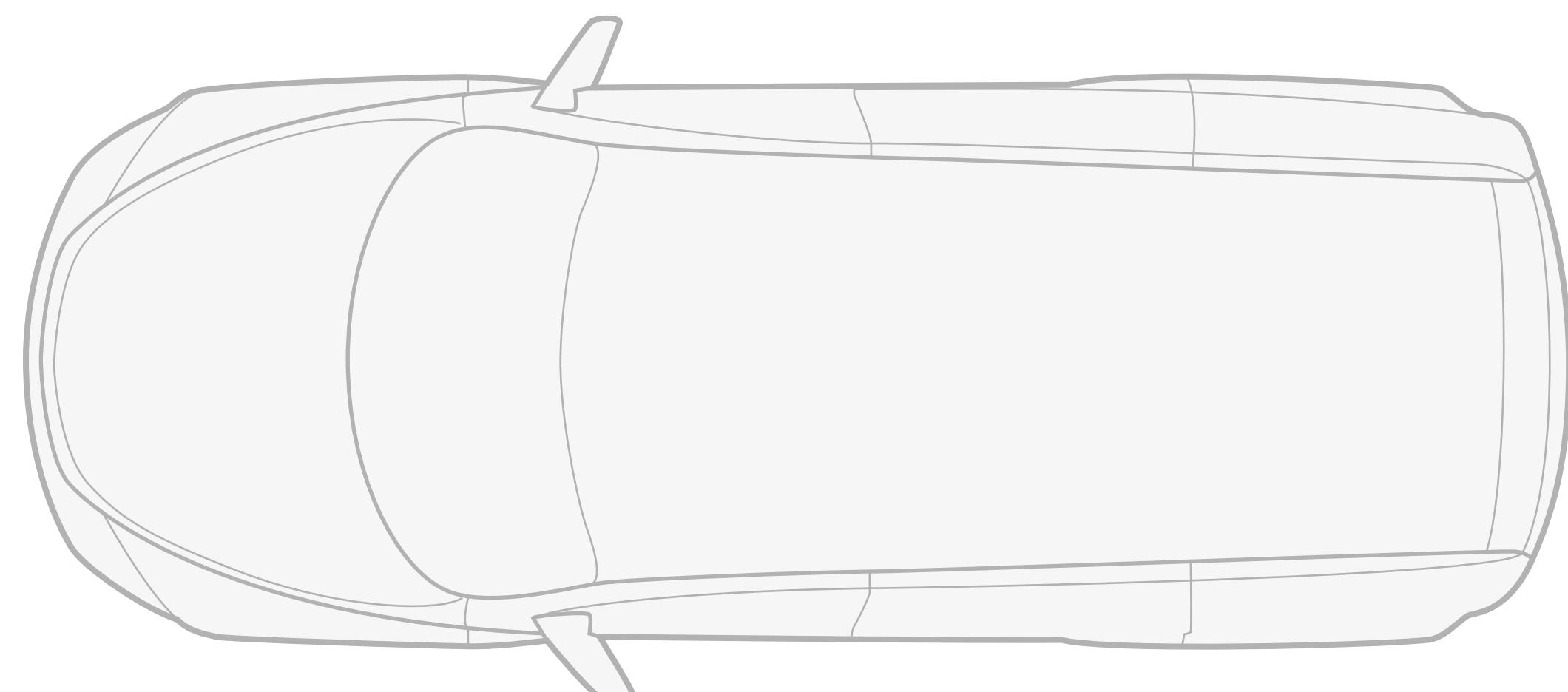


All our new modules have the new Lightmate-Lite feature.
This feature allows the end user to activate a trailer test function so they can perform a trailer lamp check.



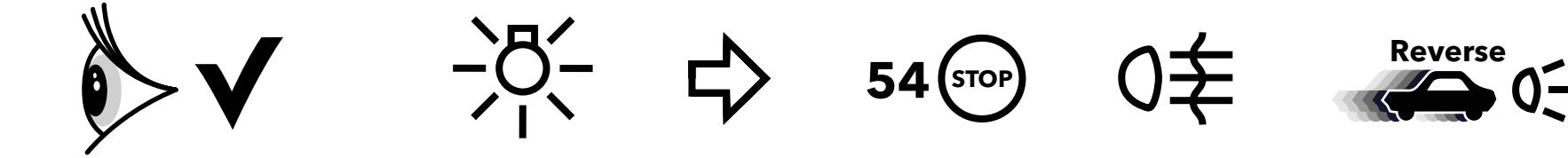
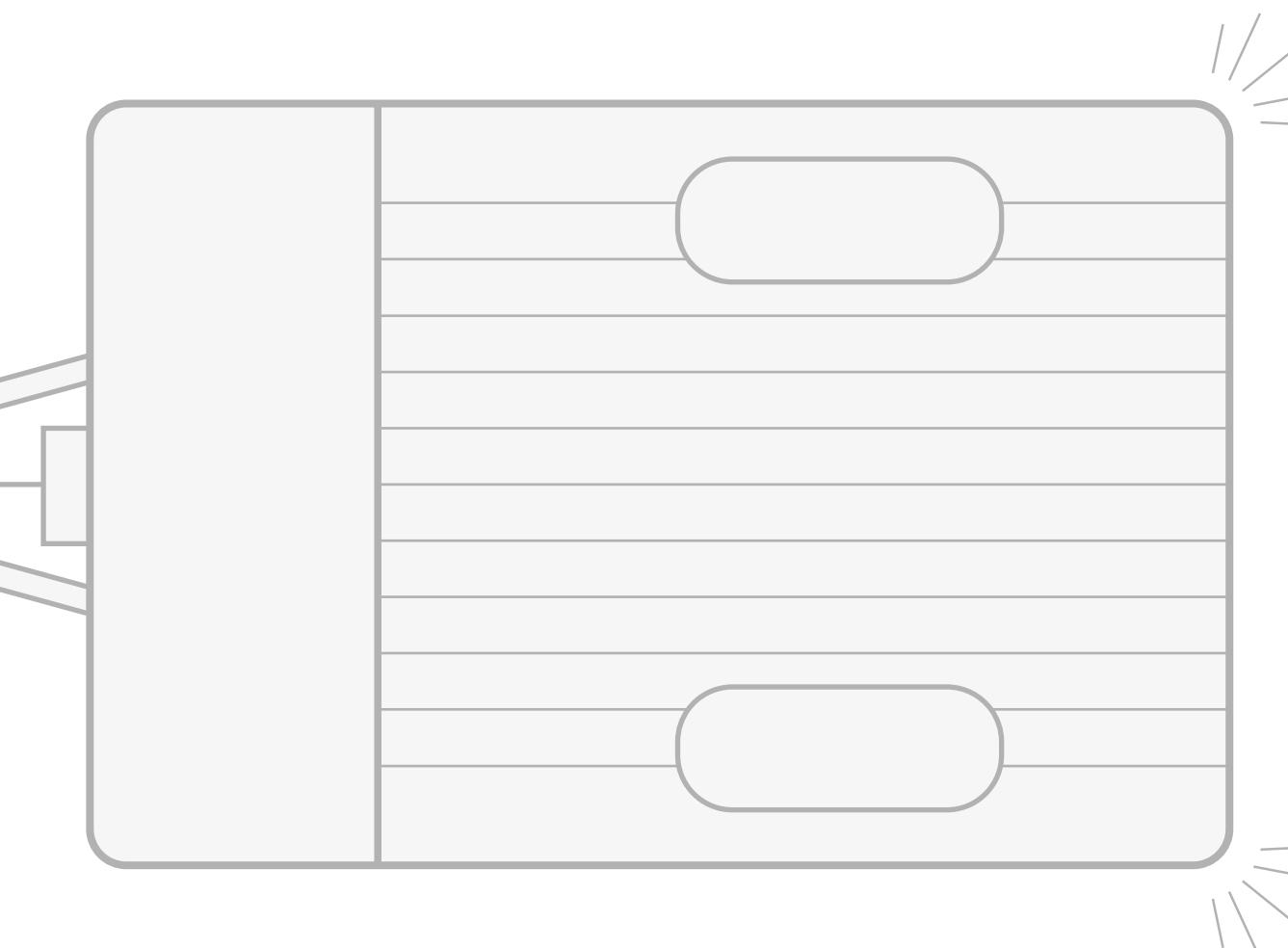
STEP 1

Activate hazard lights on the vehicle
with the trailer disconnected



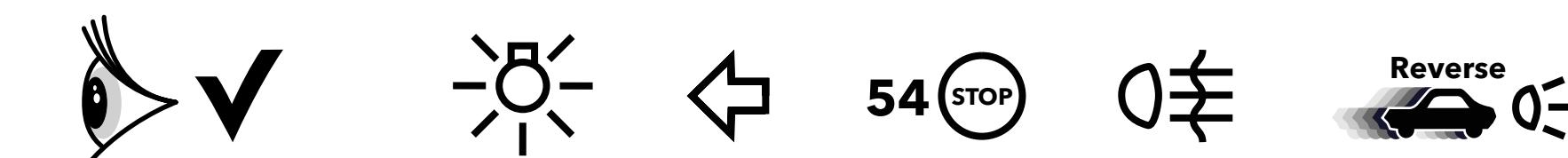
STEP 2

Connect the trailer
to the vehicle



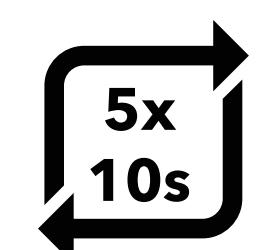
STEP 3

The wiring kit will run outputs to the trailer
in a set sequence, allowing the driver
to check the trailer lamps on their own.



EXIT TRAILER LIGHTING TEST

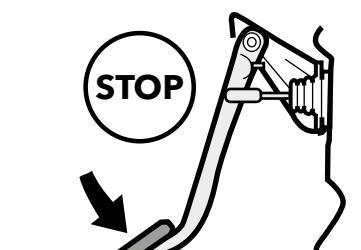
The ten second sequence will repeat five times until deactivated
by either turning the hazards off or stepping on the brake pedal.



or



or



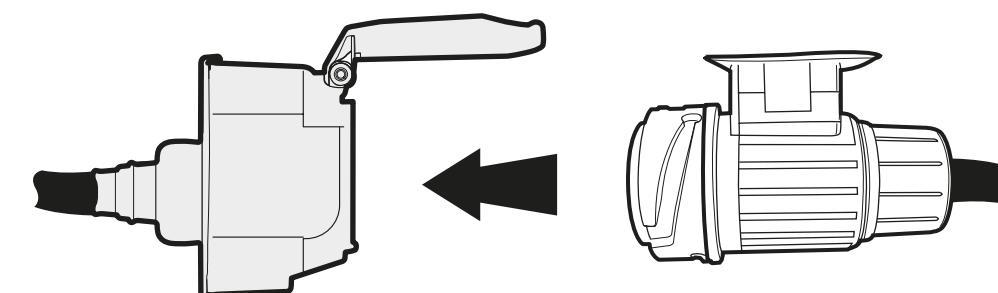
CAN CHECK

The CanBus module also has a feature to check the CanBus connection to the vehicle. This feature is really for the fitter rather than the end user.

The faultless connection of the trailer module to the vehicle-side CAN-bus can be checked quick and easy with the ECS CAN-check:

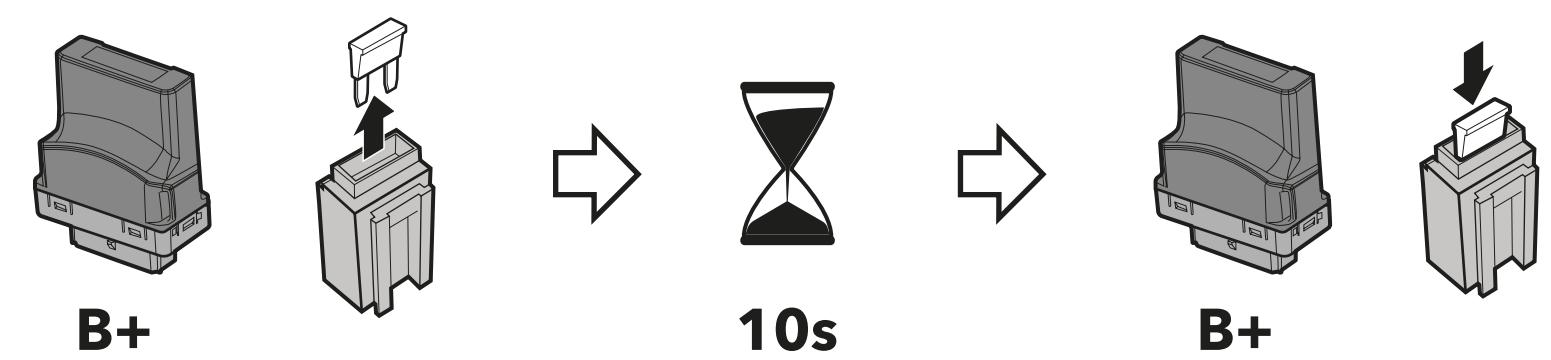
STEP 1

Connect a trailer, lighting board or test device to the trailer socket



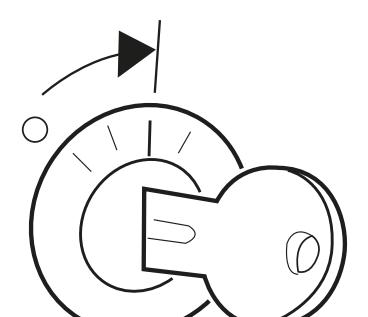
STEP 2

Interrupt power supply to trailer module for at least 10 seconds



STEP 3

Switch on ignition



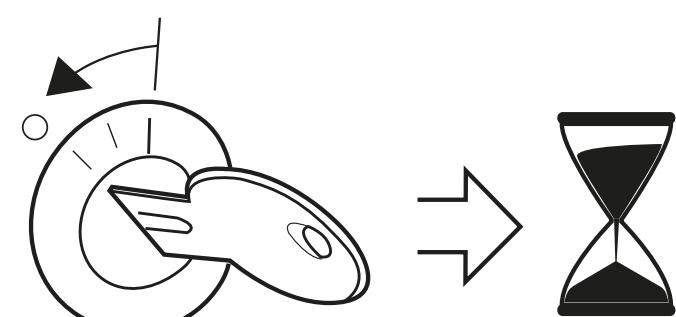
STEP 4

CAN bus active: regular flashing of the trailer tail lights (on-off)



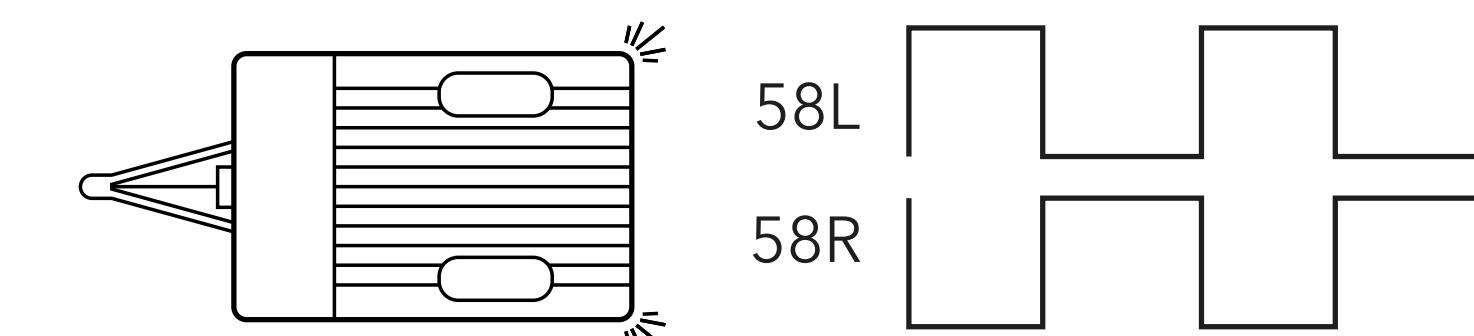
STEP 5

Switch off ignition, close all doors and hoods, wait for CAN-bus sleep mode



STEP 6

CAN bus sleep mode: alternate flashing of the trailer tail lights at a slower frequency (on-off)



STEP 7

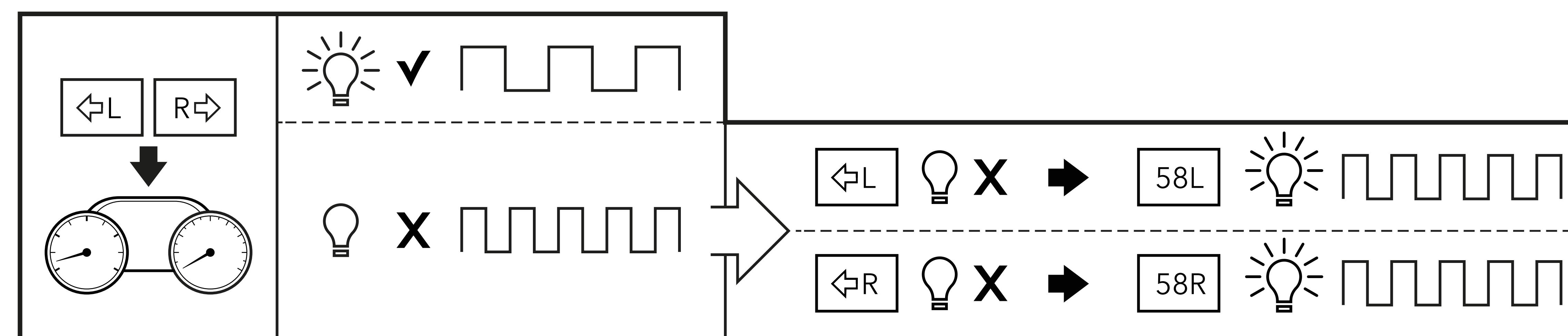
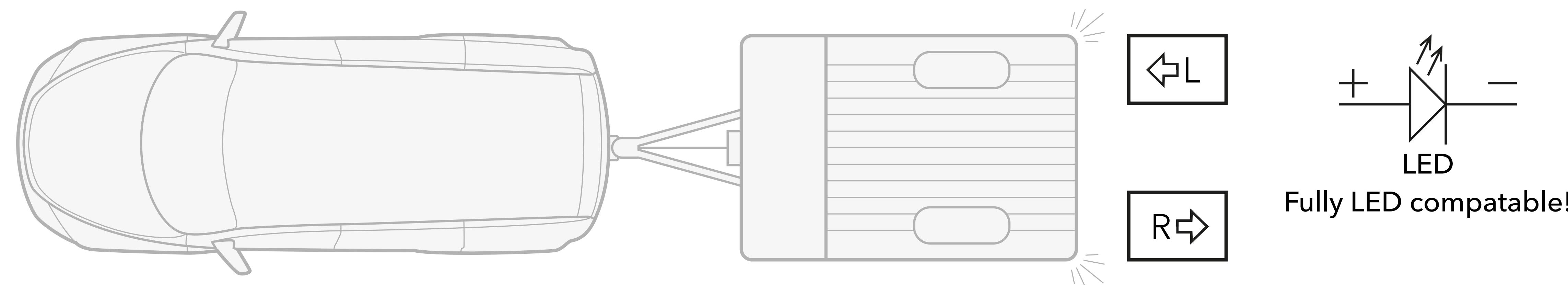
If there is no output from the kit during these tests, it is likely to be a problem with the CAN bus connections. Check and retest.

C2 Turn Indicator Substitution

Indicator signal substitution

If an indicator lamp fails on the trailer, the module will detect this and inform the driver.

At the same time the module will flash the tail light of the affected side as a substitute when the indicator is required.





GET CONNECTED

ECS Electronics is an established international company specialised in development, manufacturing, validation and marketing of premium quality electronic connection systems for the automotive industry.

Our product portfolio includes solutions for automotive accessories, vehicle telematics and test & diagnostic equipment. In addition, by maintaining a flexible automotive manufacturing base and our own in-house Research & Development and Electronics departments, we are able to deliver customised solutions.

With over 30 years of continued improvement, we are the number one supplier of vehicle specific towbar connection systems in the European market.

From our production plants in The Netherlands and Vietnam we provide cutting-edge products to more than 20 of the biggest automotive original equipment and aftermarket brands around the world.

ECS ELECTRONICS UK

20 Speedwell Close
Huntington
Chester
CH3 6DX

Tel 01625 462281
uksales@ecs-electronics.com
www.ecs-electronicsuk.co.uk

