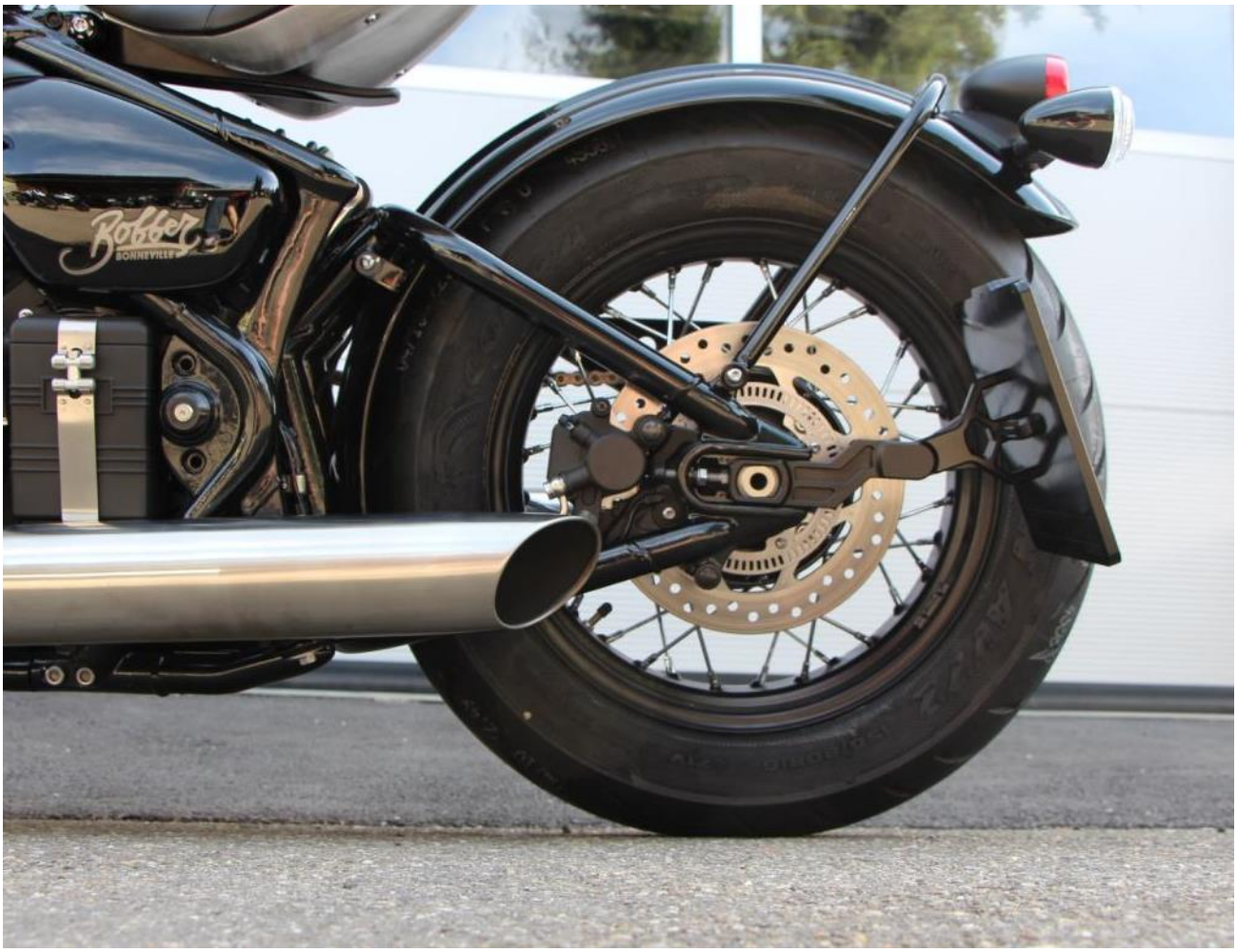
WUNDERKIND CUSTOM

Number plate holder



Installation and safety information

for

Triumph Bonneville Bobber / Bobber Black

from model year 2017

Caution

Important safety advice:

- Work undertaken on wheels and wheel axles poses a safety risk. This work may only be carried out by appropriately qualified personnel. Faulty work can have serious consequences and may pose a threat to life and health. Only undertake this installation if you are sufficiently qualified and have an official workshop manual as well as all relevant service notifications available. Otherwise, we strongly recommend that the installation is carried out or at least checked in a specialist workshop.
- Any work in relation to the installation, removal and tightening torque of original parts should always be carried out in compliance with the workshop manual.
- All screws must be attached with thread-locking fluid. However, this should only be done after the installation is complete.
- It is your responsibility to check the product regularly and to determine if a service or replacement is required.
- Please bear in mind that this product is a safety-relevant part of your vehicle. After a fall or collision, check the product and if there is the slightest indication of damage, you must replace it.
- This product requires registration.
- This product has been designed for a standard vehicle. ABM® Fahrzeugtechnik GmbH makes no warranty or guarantee of any kind for any damages whatsoever arising out of the combination with other component parts not tested by ABM, as a consequence of improper installation or inadequate maintenance.

1 Preparation

- Please read the entire safety information and installation manual carefully.
- A motorcycle not securely positioned can fall over during the following work. Therefore, make sure that the motorbike is positioned on solid, flat ground and is secured against falling over and rolling away.
- Keep children and pets away from the work area.
- Protect removed parts from damage.
- Please note when disassembling individual parts which screws are used to fasten them. Keep these parts and screws and unless specified otherwise, reuse when assembling.

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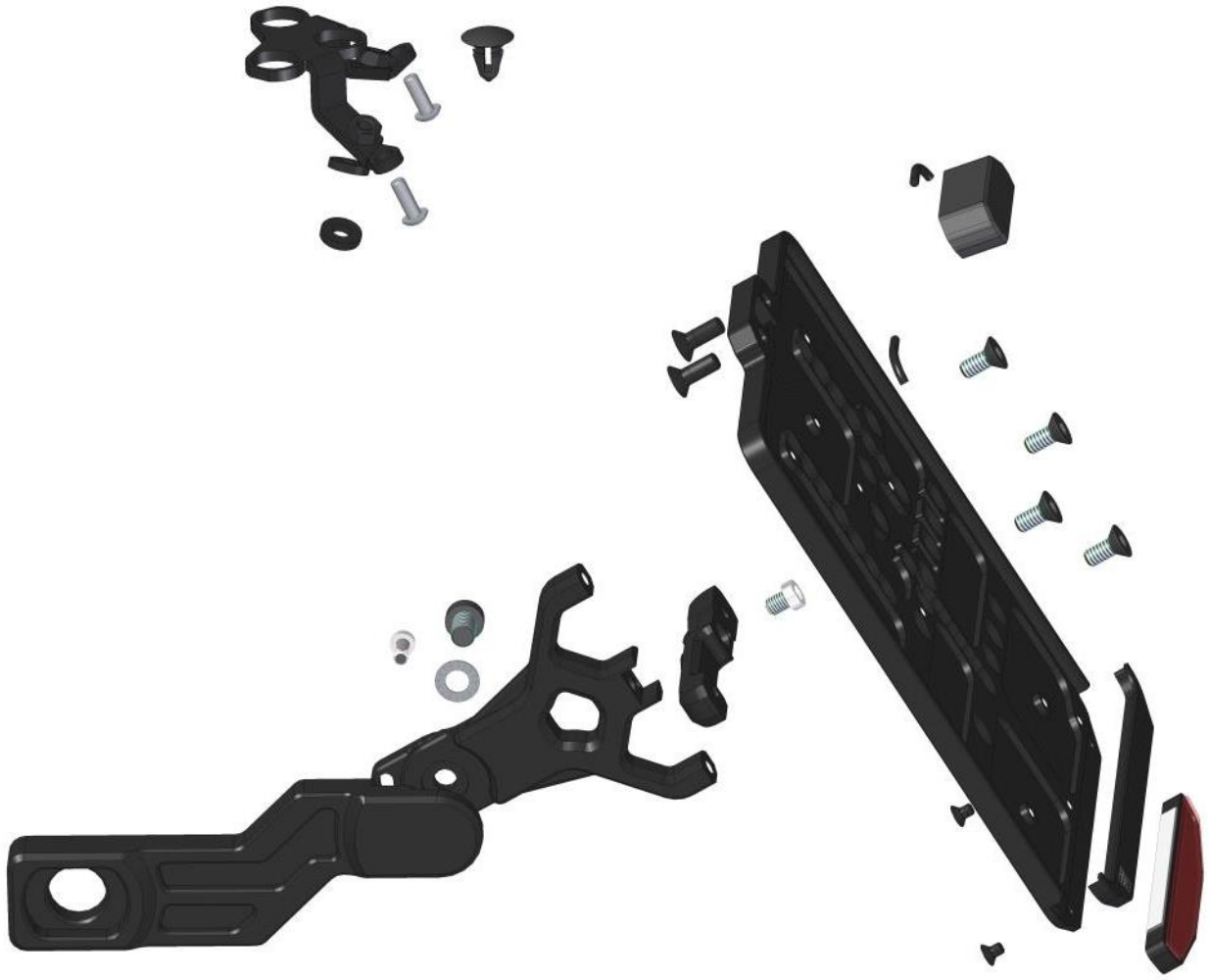
2 Content and recommended accessories:

Model	
Triumph Bonneville Bobber	



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3 Installation

Loosen the nut of the axle.

Remove the load from the rear wheel (using jack on the frame)

Detach nut and chain adjuster on the right and remove the axle and chain adjuster.

Lift the rear and detach the three screws of the tail light unit in the rear fender.

Dismantle the complete unit and disconnect its electrical connectors.

Detach the number plate holder from the light unit and the indicators. Remove the five screws and take out the three bushings and the vibration damper.

(For reassembling, the cable routing must correspond to the factory default)

Mount the new holder with the vibration damper and the three bushings to the indicator. Attach the screws M5x14 provided.

Tightening torque 4 Nm

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Mount the rear light using the original screws.
(Cable routing as per factory default)

Connect all electrical plugs and place the light unit onto the fender. Slide the two spacers (3 mm) between the fender and the holder. Insert the original screws through the fender and tighten.
Make sure the rubber pad is positioned correctly.

During the installation, neither connectors nor cables must be jammed or squeezed.

Cover the remaining hole with the plastic clip provided.

Connect the parts of the number plate holder with the screws M8 (with safety washer) and M5 supplied.

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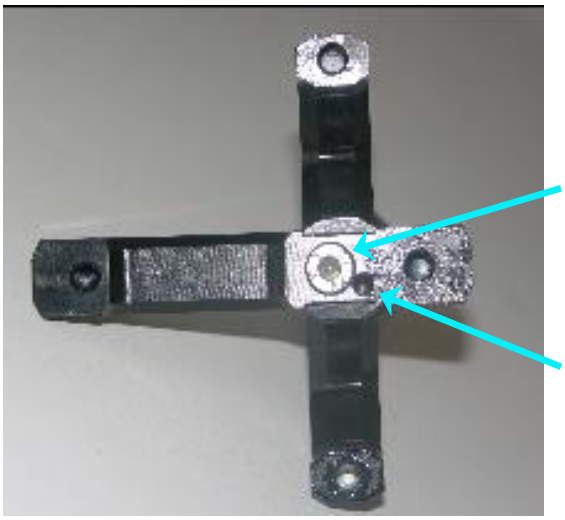

Put together the two struts cross-wise and attach using the cylinder screw (M6x8).

Tightening torque 7 Nm
Use thread-locking fluid (medium strength)

Take note of the cable holes

Drill holes into the baseplate at the four desired mounting positions using a suitable drill (6.5 mm for the fixing points and 4mm for the wiring)

Attach the baseplate to the holder using the four countersunk screws provided (M6x10).
Tightening torque 7 Nm
Use thread-locking fluid (medium strength)

Connect the cable provided with the number plate light (solder connector) and guide it through the hole drilled into the plate.
Screw the number plate light onto the baseplate using the two countersunk screws.
Tightening torque 7 Nm
Use thread-locking fluid (medium strength)

Insert the number plate into the notch. To prevent vibrating, insert the two sponge rubber strips into the upper corners.

Make sure that the number plate light cable is not jammed or squeezed.
Attach the fastener using the screws provided (M4x6).
Tightening torque 2 Nm

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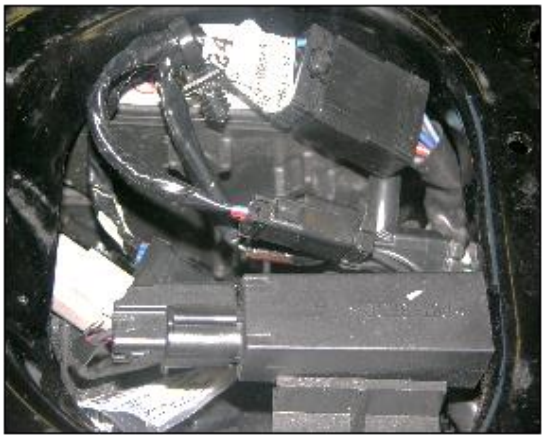
Align the number plate holder and tighten the two screws at the joint.
Use thread-locking fluid (medium strength)
Tightening torque M8 18 Nm
Tightening torque M5 4 Nm

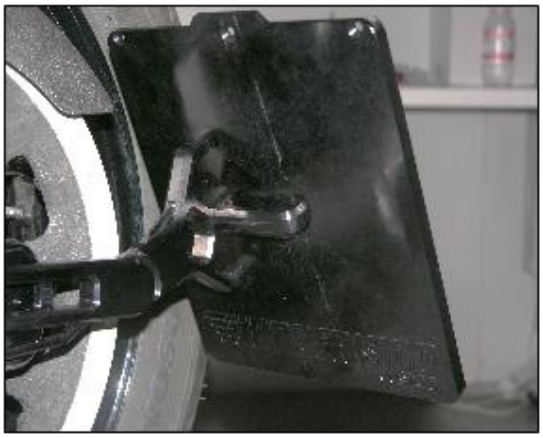
Run the cable of the number plate light in the notch on the back of the arm.

Insert the number plate holder with the axle and attach the chain adjuster (right) and the axle nut using the torque specified as factory default.

The original chain adjuster (left) is omitted.



Connect the number plate light with the original cables (usually under the seat) with the solder connectors provided.
Run the cable along the swingarm and attach.



<u>Important information:</u>

Note: Every vehicle must be fitted with a reflector.

This is not included.

The reflector is stuck from below.

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4 Final check

- All electric wires must be laid in a manner which prevents them from bending or getting pulled during all spring deflection movements and which adequately protects them against rubbing.
- After completing the work, check that all components and screws are tight and functioning correctly. Also check the rear wheel's freewheel and the functionality of the brake system.
- Afterwards, a test drive must be done! After completing the test drive, the tightness of all screw connections must be checked, as well as the adequate freedom of access of all moving parts. Re-test the rear wheel's freewheel and check the brake system for overheating.

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