



## **Installation manual and safety information**

### **Headlight with mask and handlebar**



**Indian Scout Bobber  
from model year 2016**



## Caution



### Important safety advice:

- Working on motorcycles poses a safety risk. Some 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 installation works 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 some products are safety-relevant parts of your vehicle. After a fall or collision, check the product and if there is the slightest indication of damage, you must completely replace it.
- Some products require registration.
- These products have 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.
- Brake fluid may damage painted surfaces and fairings. Use suitable means to protect all of the surfaces against damage.

## 1 Preparation

- **Manufacturing-related tolerances may result in minor deviations in the fit. Before coating, the mask must be fitted and adjusted, where necessary. Before coating, make sure that the logo pin (front) has sufficient space in the deepening. This is stuck in after coating.**
- 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.
- When disassembling individual parts, please note which screws are used to fasten them. Keep these parts and screws and unless specified otherwise, reuse when assembling.





### Installation:

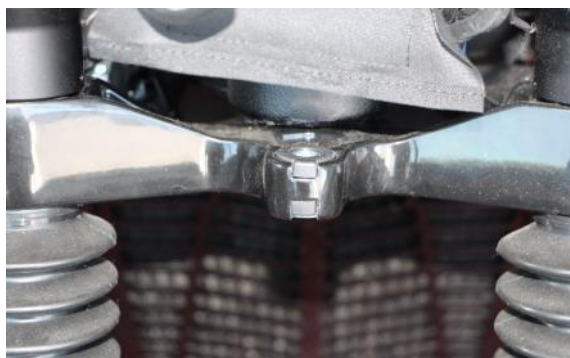
Make sure that the motorbike is securely positioned.



Completely remove the seat and the tank according to the manufacturer's specifications.



Remove the original headlight mask.



Disconnect and remove the headlight.



Drain the brake fluid according to the manufacturer's specifications and loosen the brake line from the brake pump.





Unclip the clutch cable.



Remove the handlebar switches from the handlebar.

Remove the original handlebar.



Push the rubber nuts into the holes of the mask.



Remove the protective film from the windshield. Using the screws and washers provided, attach the windshield to the mask.

Stick the logo pin into the deepening of the fairing.



Attach the bracket to the headlight according to the drawing.

Tightening torque: 6 Nm

Use thread-locking fluid (medium strength).



Attach the middle bracket in such a way that it can still be moved.



Insert the reduction into the top yoke.



Insert the handlebar (type 0330) into the top yoke, align and attach.

Tightening torque: 22 Nm



**Caution:**

**During installation, make sure that there is a gap on both sides between the top and bottom part of the reduction.**



The final assembly of the operating elements requires the drilling of holes for the centring pins. To do this, align the operating elements and mark the positions for the centring pins (push onto the pins using grease).



Now, centre-punch the marked position and drill a hole (diameter and depth are based on the centring pin).



Replace the original brake lines with the ones provided.  
Attach these to the brake pump and the connection under the tank.

Tightening torque: 21 Nm

***Caution: Always use new sealing rings.***

***To ensure twist-free installation, the cable connections can be aligned once to their compressions.***



Check with static brake that the brake lever can be pulled up to the handle and under no circumstances touches other parts.

After installing the Stahlflex lines, the complete system must be drained according to the manufacturer's installation instructions.



Run the original clutch cable as shown.



Attach the cable to the frame using a cable tie





Run the clutch cable and the brake line in such a way that they do not touch the fairing when installing.



Attach the headlight to the lower top yoke using the original screw.



Connect the headlight.



Put the cables and their plug connectors back into the protective cover.



Check the entire electrics.

Set the headlight according to the Regulations (e. g. StVZO) and tighten the screw.





Insert the spacer washers into the headlight.



Screw in the screws, safety washers and washers into the headlight.



Slide the fairing onto the headlight and into the brackets. In doing so, the two brackets of the mask must be inserted between the spacer washers and the washers.



Align the fairing and attach it using a fork wrench.



Attach the tank and the seat according to the manufacturer's specifications.

Recheck all parts for tight fit.

## 4 Final check

- All electric wires must be laid in a manner which prevents them from bending or getting pulled during 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 carried out! After completing the test drive, the tightness of all screw connections must be checked, as well as the adequate free travel of all moving parts. Re-test the rear wheel's freewheel and check the brake system for overheating.