

# **AC SCHNITZER**

**-assembly instructions-**



**Superbike handlebar  
BMW S 1000 RR from 2023**

**Part - No.:  
S50102340406**

## AC Schnitzer Superbike Handlebar BMW S 1000 RR

### Important notes!

These installation instructions must be read in their entirety before starting the installation work and do not claim to be complete with regard to every step of the work. We reserve the right to make technical, editorial and content-related changes! AC Schnitzer accepts no liability for damage caused by improper installation!

Check the goods for completeness and integrity before starting work.  
Later complaints cannot be considered.

These installation instructions are intended exclusively for use by authorised AC Schnitzer or BMW dealers. The target group for these installation instructions is in any case specialist personnel trained on BMW vehicles with the appropriate specialist knowledge and tools. Knowledge of material properties and standards is assumed! Work on steering systems may only be carried out by skilled persons!

### Before installation:

For assembly, the vehicle must be adequately secured against rolling away or overturning.

For this purpose, we recommend using the standard main stand or an original BMW assembly stand! Keep children and pets away from the work area!

Danger of accident due to getting caught or electrical short circuit! Therefore, remove jewellery (chains, watches, rings, etc.) before starting work!

### After installation:

After completion of the work, a test drive must be carried out if necessary! After the test drive has been completed, all screw connections must be checked for tightness and all moving parts must be checked for sufficient clearance.

The component is subject to registration. After conversion, the vehicle must be presented to an expert,

the conversion must be documented and the vehicle documents corrected.

When taking over the vehicle, the customer must be informed of the changed seating position and driving behaviour!

### Installation time ( 1 AW = 5 minutes )

The installation time is approx. 36AW, which may vary depending on the condition and equipment of the vehicle. (This value is only a recommendation and is not binding).

### Required tools

- Standard Torx Tool KFZ
- Brake bleeder
- Air saw, belt sander or similar.
- Screw adhesive medium strength

# Table of contents



## AC Schnitzer Superbike Handlebar BMW S 1000 RR

Chapter	Page
1. supplied components	5
2. assembly of the AC Schnitzer Superbike handlebar	7

Assembly instruction no.: S50102340406 / Issue: 08.03.2023 / RVo

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## AC Schnitzer Superbike Handlebar BMW S 1000 RR



**A**

Triple clamp **700572-F15** equipped with:

- Rein lock holder with distances
- Clamp upper/lower part
- Screws  
(only available complete)



**B**

Brake line **400845-S30-F11**

- incl. sealing rings (not shown)  
(only available complete)



**C**

Handlebar ends "Short Cap" **700080-F15** fitted with:

- Fixing screw
- Clamping rubber
- Cover caps (not shown)  
(only available as a complete set)



**D**

Coupling cable retaining bracket  
**106162-F15**

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**E**

Clamp 700312-F15  
equipped with:

- Double banjo bolt
- Sealing rings
- Screw for clamping  
(only available complete)



**F**

**F**

Fairing extension 106732-F15 fitted  
with:

- Underlay left / right
- Sleeve screw long / short
- Shims
- Cover caps  
(only available complete)



**G**

**G**

Steering rod 700311-F15 drilled



**H**

**H**

Special clutch cable 106733

- Special adjustment screw (I)

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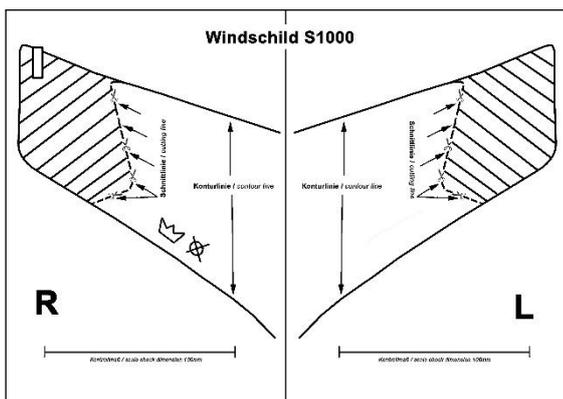


**I**

Special adjusting screw for  
clutch cable

400886-F15

(only in conjunction with clutch cable)



**J**

Cutting template windshield

**40406-F**



**K**

AC Schnitzer Vitro Sticker

**SZ51711012**



**L**

Parts certificate:

Not supplied in paper form

You can find the parts certificate online at:

[www.acschnitzer.shop/service](http://www.acschnitzer.shop/service)

## AC Schnitzer Superbike Handlebar BMW S 1000 RR

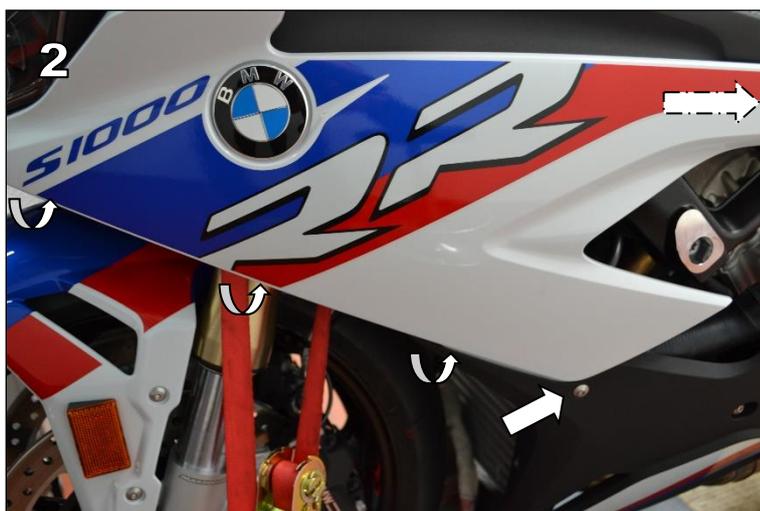
### 2. assembly

- Park the vehicle safely and secure it against falling over or rolling away.
- Take the weight off the front wheel using a scissor jack or similar. (Fig. 1)



- Loosen the fairing on both sides and remove it from the vehicle. (Fig. 2)

- To do this, loosen and unscrew the fastening screws on both sides as shown in the illustration.
- **Caution: The screws have different shank lengths, note their position!** (Fig. 2)



- For the rear fairing tip:  
First remove the visible screw of the black fairing part, carefully fold it away and loosen and remove the exposed fastening screw.
- Remove the side trims and store them safely. (Fig. 3)



## AC Schnitzer Superbike Handlebar BMW S 1000 RR

### 2. assembly

- Remove the fairing disc by loosening and removing the 4 fastening screws as shown in the illustration.

- Remove the fairing panel by pulling it upwards. (Fig. 4)



- On the left-hand side of the vehicle: Loosen and remove the standard fastening nuts.

- Remove the rear-view mirror from the carrier by pulling it upwards.

- **Caution: Do not damage the cable of the direction indicator.** (Fig. 5)



- Insert the supplied fairing wedges between the fairings with the marking "down" facing downwards. (Fig. 6)



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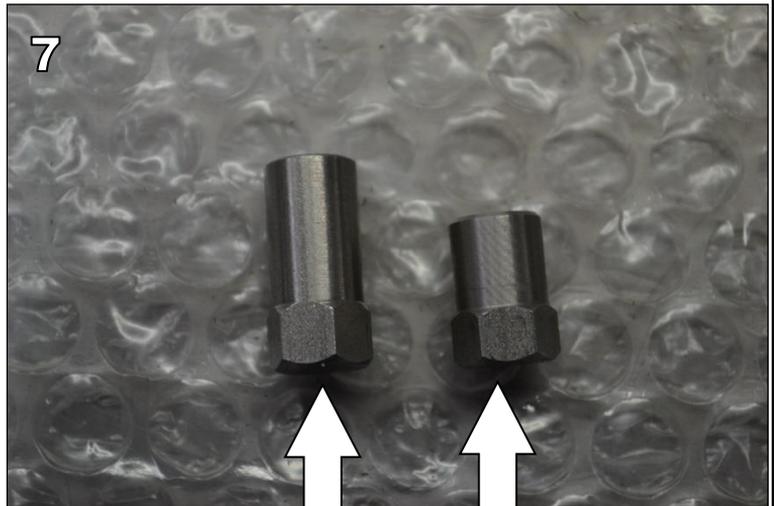
# Assembly instructions

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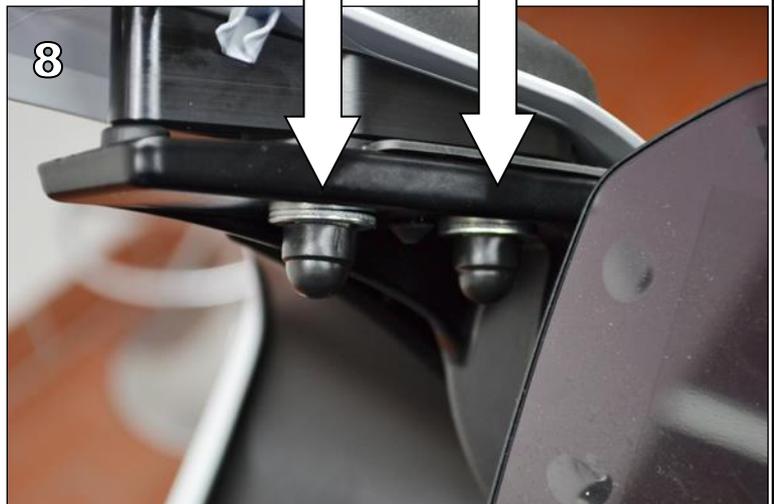
## AC Schnitzer Superbike Handlebar BMW S 1000 RR

### 2. assembly

- Fit the supplied sleeve nuts with the supplied washers, lightly coat the thread with screw adhesive.
- **Attention: The sleeve nuts have different lengths.** (Fig. 7)



- Insert the rear-view mirror through the fairing and fasten it as shown in the illustration.  
Tightening torque: 9Nm. -  
The longer sleeve nut is used at the rear in the direction of travel, the shorter at the front.
- Push the caps supplied firmly onto the bolt heads. (Fig. 8)
- Then fit the right-hand side with the fairing wedge in the same way.



- Loosen the handlebar end weights on both sides of the vehicle and remove them from the vehicle. (Fig. 9)



Assembly instruction no.: S50102340406 / Issue: 08.03.2023 / RVo

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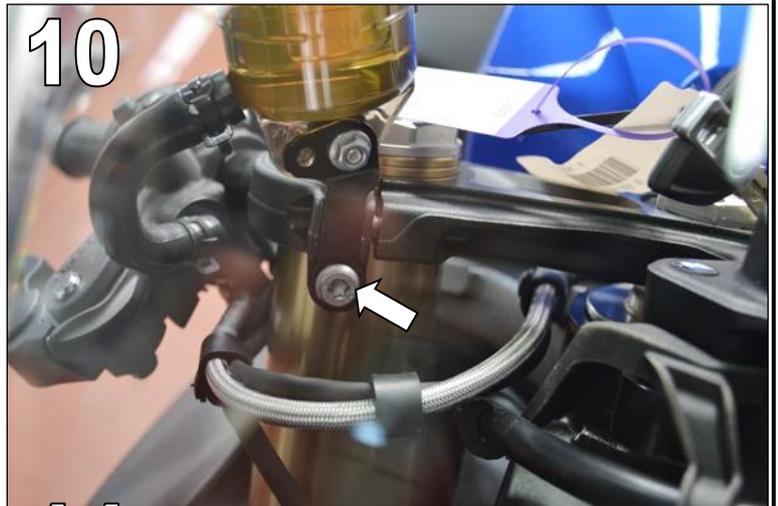
## AC Schnitzer Superbike Handlebar BMW S 1000 RR

### 2. assembly

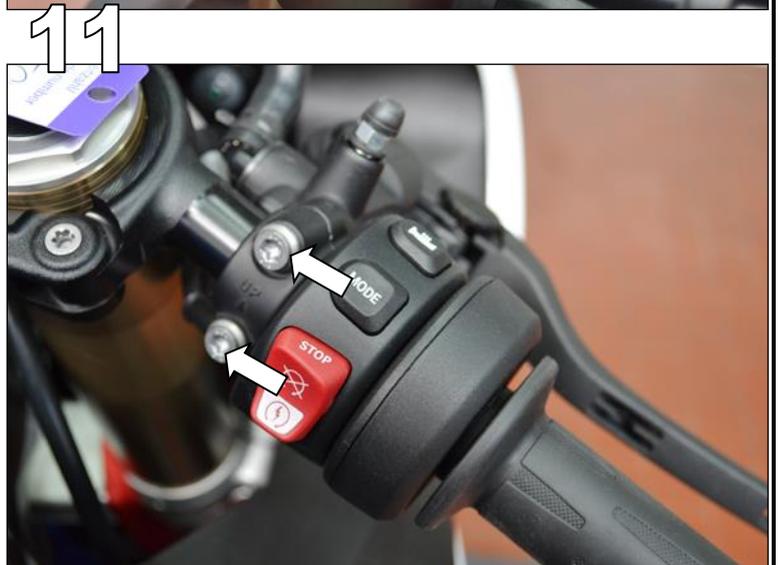
- Loosen the standard brake fluid reservoir fixing screw and remove the reservoir from the standard triple clamp. (Fig. 10)

**Caution:**

**Brake fluid damages painted surfaces! Wipe up and neutralise any escaping brake fluid immediately!**



- Loosen both fastening screws of the handbrake pump and remove.
- Remove the handbrake pump from the handlebar stub and lay it down. (Fig. 11)



- Remove the lower cover from the right-hand electrical unit.
- To do this, insert a TX8 screwdriver through the standard hole from below and loosen and remove the rear fastening screw.
- Undo and remove the front fastening screw of the electrical unit.
- Disconnect the plug connection of the grip heater and remove the electrical unit.
- Remove the plug connection from the throttle twist grip. (Fig. 12)



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### 2. assembly

- Loosen the fastening screw of the throttle twist grip and remove it from the stub handlebar. - Pull the throttle twist grip off the handlebar stub and lay it down. (Fig. 13)



- On the left-hand side of the vehicle, screw in the adjustment screw of the clutch cable completely. - Then unscrew again until the slot in the screw is parallel to the slot in the clutch fitting. (Fig. 14)



- Unthread the clutch cable from the adjusting screw. - Remove the lower cover cap of the microswitches from the latch and remove the clutch cable from the clutch handle. (Fig. 15)
- Remove the clutch cable from the guide on the standard fork bridge.



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### 2. assembly

- Loosen and remove the fastening screws of the coupling assembly. -
- Remove the coupling assembly from the handlebar stub and place it in a forward position.
- **Caution: Do not damage the microswitch cable.** (Fig. 16)



- Fold away the grip lip, loosen the exposed fastening screw with a Torx screwdriver and remove. (Fig. 17)
- Do not remove the handle from the stub until the triple clamp is dismantled.



- If present, disconnect the plug connection of the DTC. (Fig. 18)



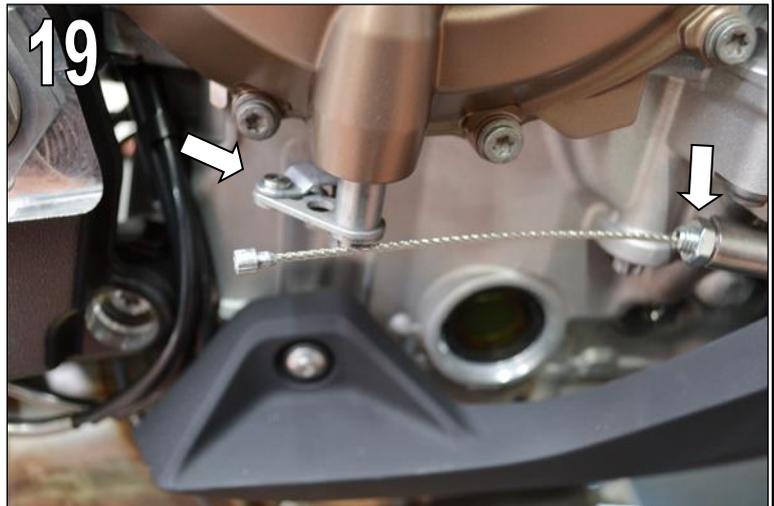
Assembly instruction no.: S50102340406 / Issue: 08.03.2023 / RvO

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### 2. assembly

- Unhook the clutch cable from the gearbox.
- Loosen the counter screw, unthread the cable and remove it from the vehicle. (Fig. 19)



- Relieve the front wheel using a scissor jack.
- On both sides of the vehicle: Loosen the clamping screw of the standpipe clamp and remove the screws. (Fig. 20)



- Loosen the central nut of the triple clamp with a socket and remove the nut and washer from the triple clamp.
- Tape the socket beforehand to prevent damage to the triple clamp. (Fig. 21)



Assembly instruction no.: S50102340406 / Issue: 08.03.2023 / RVo

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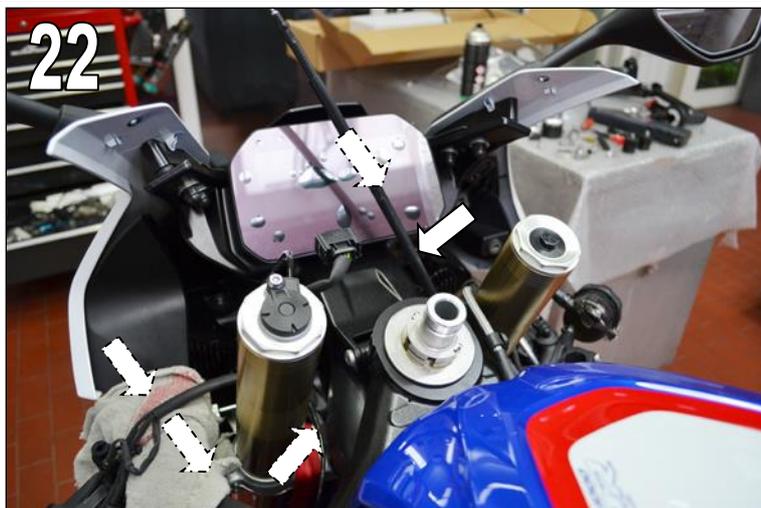
## AC Schnitzer Superbike Handlebar BMW S 1000 RR

### 2. assembly

- Pull the triple clamp off the standpipes.
- Disconnect the plug connection from the ignition lock.

Make sure that the DTC cable is not damaged.

- Route the supplied clutch cable to the gearbox in the same way as in the series.
- Route the wiring harnesses of the electrical units (right & left) in the direction of travel behind the behind the stanchions. (Fig. 22)



- Remove the ignition lock from the standard triple clamp. To do this, drill into the shear bolt, hammer in the Torx bit and remove the bolts.

**- Caution: Make sure that the ignition lock is exposed and cannot be damaged.** (Fig. 23)



- Attach the standard ignition lock to the supplied AC Schnitzer triple clamp with the supplied fixing screws and sleeves as shown in the illustration.

- Apply medium-strength screw adhesive to the screws beforehand.

- Use suitable tools for mounting! Use hexagon socket with locking pin!

Tightening torque: 21Nm (Fig. 24)

- For insurance reasons, the hexagon socket must be made unusable with an 8mm drill after tightening the screws.



Assembly instruction no.: S50102340406 / Issue: 08.03.2023 / RVo

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## 2. assembly

- Remove the fastening screws of the lower parts of the clamp from the supplied triple clamp, coat with screw adhesive, screw in and finally fasten with a suitable tool (see illustration). - Tightening torque of the fastening screws: 48Nm (Fig. 25)



- Clean the supplied spacer washer and place it on the fork yoke. (Fig. 26)



- Attach the supplied brake line adapter to the right-hand fork leg as shown in the illustration with the threaded opening facing downwards and push downwards. (Fig. 27)



Assembly instruction no.: S50102340406 / Issue: 08.03.2023 / RVo

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# Assembly instructions

The logo for AC Schnitzer, featuring the letters 'AC' in a stylized font above the word 'SCHNITZER' in a bold, sans-serif font.

AC Schnitzer Superbike Handlebar BMW S 1000 RR

## Assembly

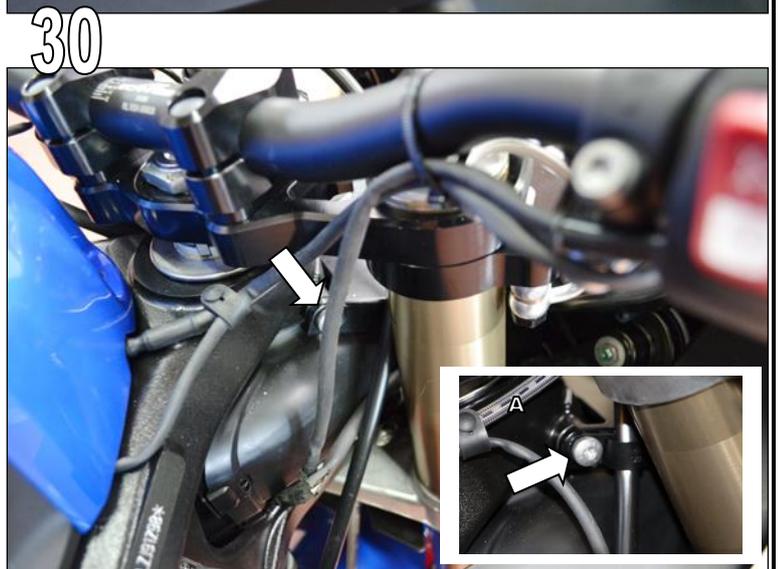
- Place the supplied triple clamp on the fork legs, reconnect the ignition lock and make sure the DTC cable is connected. - Make sure that the washer is correctly seated when sliding it on. Coat the central nut with screw adhesive, fit the washer and tighten the nut. (100Nm tightening torque) Then tighten the standpipe clamps. (20Nm) Coat the screws with screw adhesive beforehand (Fig. 28).



- Insert the clutch cable supplied in the same way as in the series into the guide and hook the actuator onto the gearbox. (Fig. 29)



- Fasten the clutch cable to the Ram-Air duct with the clip supplied. (A)  
- Slide the left-hand steering rod into the electric unit.  
- Insert steering rod in clamping blocks and pre-fasten them evenly.  
- Push on throttle twist grip, make plug-in connection and fasten both electrical units through pre-drilled holes. -  
Tightening torque: 2Nm  
- Attach the clutch fitting to the handlebar.  
Top on block, bottom: 8Nm



Assembly instruction no.: S50102340406 / Issue: 08.03.2023 / RVo

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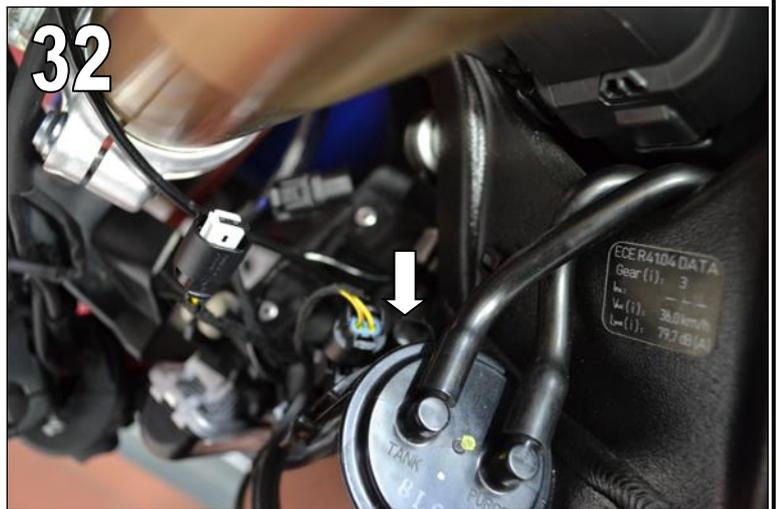
AC Schnitzer Superbike Handlebar BMW S 1000 RR

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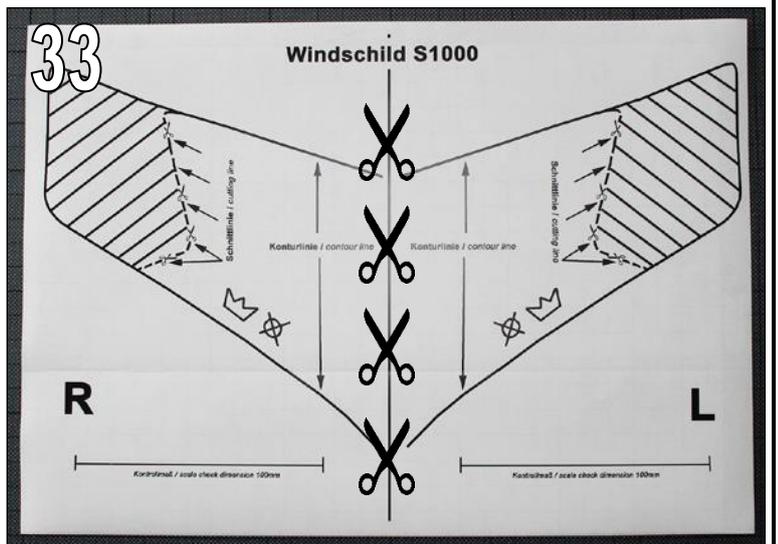
- Disconnect the brake line from the hand pump and attach it to the brake adapter together with the supplied brake line and double banjo bolt as shown in the illustration. Use new sealing rings for this. Attach the supplied brake line with new sealing rings to the standard brake pump and align. (Turn fittings clockwise only)
  - End-fix fitting to handlebar
  - End-fix brake fluid reservoir to triple clamp.
  - Align and end-fasten brake adapter. -
- Tightening torque: 19Nm (Fig. 31)



- Reconnect the DTC.
  - Reassemble the right and left side fairings. (Pay attention to the screw length!)
  - Tightening torque 2Nm. - Bleed the brake system according to the manufacturer's instructions.
- (Fig. 32)



- Cut the template supplied in the centre.
  - Note the control dimension for possible reprinting.
  - Remove the protective film from the adhesive side.
- (Fig. 33)



Assembly instruction no.: S50102340406 / Issue: 08.03.2023 / RVo

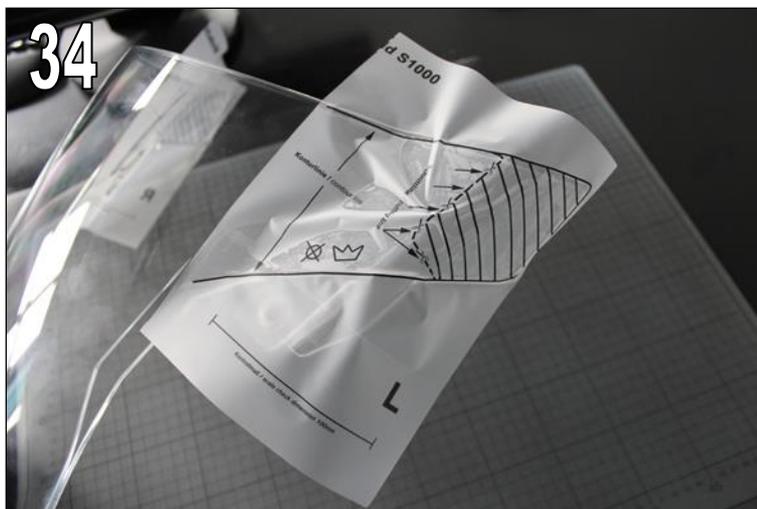
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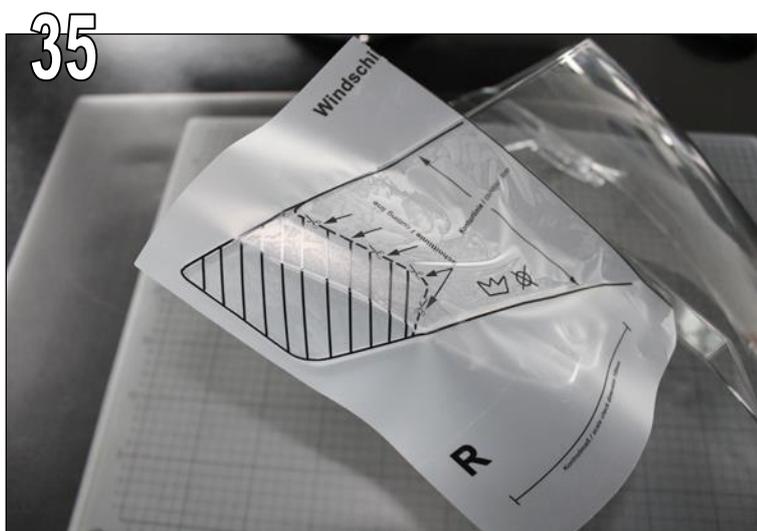
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## 2. assembly

- On the left-hand side of the windshield: Place cutting template "L" along the outer contour.
  - Cut off the hatched area. -
- Tip: Use  
an air saw with a fine saw blade  
- round off the cut edges with a file  
(Fig. 34).



- On the right-hand side of the windshield: Place cutting template "R" along the outer contour.
- Cut off the hatched area.
- Round off cut edges with a file  
(Fig. 35)



- Secure the machined windshield to the vehicle using the standard fastening screws.
- Tightening torque: 1Nm.  
(Fig. 36)



Assembly instruction no.: S50102340406 / Issue: 08.03.2023 / RVo

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## 2. assembly

- Check for free movement
- If the steering wheel is fully turned to the left, there must be free movement as shown in the illustration.
- If necessary, loosen the steering rod at the clamps and turn it backwards.
- Carry out a functional check of the steering lock. (Fig. 37)



- If the vehicle is turned completely to the right, check that the safety switch of the cruise control system is free to move.
  - Check the final central position of the long steering rod.
  - If necessary, loosen the handlebar clamps and turn the handlebar backwards.
  - Finally, apply threadlocker to the alternate bolts of the handlebar clamp and tighten them.
  - Ensure that there is an even gap between the clamping blocks! -
- Tightening torque of the handlebar clamp: 20Nm.



- Prepare the supplied handlebar ends according to the illustration.
- Apply threadlocker to the screw, insert the handlebar weight into the handlebar and spread the clamping rubber by tightening the fastening screw.
- Press in the cover cap of the clamping screw. (Fig. 39)



Assembly instruction no.: S50102340406 / Issue: 08.03.2023 / RVo

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# Assembly instructions

AC Schnitzer Superbike Handlebar BMW S 1000 RR

## 2nd assembly

- Finally, insert the caps of the handlebar clamping screws.
  - Secure the cable harness along the handlebar with cable ties.
- Hook the clutch cable into the clutch actuator and adjust the clutch play according to the manufacturer's instructions (5 mm clearance at the hand lever).



## Final work:

- Check the function of the electrical system and lighting
  - Check the function of the brake system -
- Ensure sufficient filling level in the expansion tank - Check the air clearance of the clutch - Carry out a test drive, then check the screw connections for tight fit - The component is subject to registration after assembly!
- Draw the customer's attention to the changed seating position and driving behaviour.

Assembly instruction no.: S50102340406 / Issue: 08.03.2023 / RVo

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