

# ATC<sup>®</sup> SCHNITZER

**- Assembly Instructions -**



**Superbike handlebar BMW  
S 1000 RR (K67)**

**Part number:  
S50101940406**

## AC Schnitzer Superbike handlebar BMW S 1000 RR

### Important information!

These installation instructions must be read completely before starting installation work and do not claim to be exhaustive with regard to every step. Technical, editorial and content changes reserved! AC Schnitzer accepts no liability for damage caused by improper installation!

Inspect the goods for completeness and intactness before commencing work. Later complaints cannot be considered.

These assembly instructions are intended exclusively for use by authorized AC Schnitzer or BMW dealers. The target group of these assembly instructions is always qualified personnel trained in BMW vehicles with the corresponding specialist knowledge and tools. Knowledge of material properties and standards is assumed! Work on steering systems may only be carried out by qualified personnel!

### Before assembly:

For assembly, the vehicle must be adequately secured against rolling away or overturning. We recommend using the standard main stand or an original BMW assembly stand for this purpose!

Keep children and pets away from the work area!

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

### After assembly:

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

The component is subject to registration. After modification, the vehicle shall be presented to an expert, to document the conversion and to correct the vehicle documents.

When taking over the vehicle, the customer must be informed of the changed seating position and a changed 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 tool

- Standard Torx Tool KFZ

- Brake venting device -

Air saw, belt grinder or similar

- Screw adhesive medium strength

Assembly instruction No.:S50101940406 / Booth: Oct-19 RVo

AC Schnitzer Motorcycle Technology Neuenhofstraße 160 52078 Aachen ☎0241/5688 300 info@ac-schnitzer.de 🌐www.acschnitzer.shop

## AC Schnitzer Superbike handlebar BMW S 1000 RR

Chapter	Page
1. Delivered components	5.
2. Assembly of the AC Schnitzer Superbike handlebar	
7.	

## AC Schnitzer Superbike handlebar BMW S 1000 RR



**A**

triple clamp **700313-F15** equipped with:

- Bracket with distances
- Clamping block upper/lower part
- Screws  
(only completely available)



**B**

Brake line **400845-S30-F11**

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



**C**

Bar ends "Short Cap" **700080-F15**  
equipped with:

- fixing screw
- clamping rubber
- Cover caps (not shown)  
(only available as complete set)



**D**

Holding strap Clutch cable

**106162-F15**

## AC Schnitzer Superbike handlebar BMW S 1000 RR



**E**

Clamp **700312-F15** equipped with:

- double banjo bolt
- sealing rings
- Screw for clamping  
(only completely available)



**F**

**106732-F15** equipped with:

- Underlay left / right
- Sleeve screw long / short
- washers
- Cover caps  
(only completely available)



**G**

handlebar **700311-F15** drilled



**H**

Special clutch cable 106733

- Special adjusting screw (I)

# delivered components



## AC Schnitzer Superbike handlebar BMW S 1000 RR

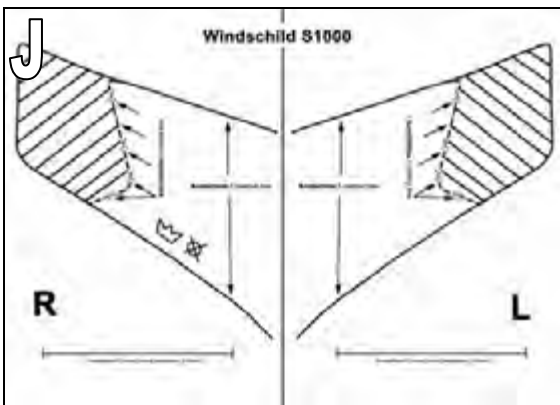


I

Special adjustment screw  
Clutch cable

**400886-F15**

(only in combination with clutch cable)



J

Cutting Template Windshield

**40406-F**



K

AC Schnitzer Vitro Sticker

&LT;FONT COLOR=#38B0DE&GT;---  
PROUDLY PRESENTS



L

Part appraisals:

Not supplied in paper form

You can find the part certificate online at:

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

## AC Schnitzer Superbike handlebar BMW S 1000 RR

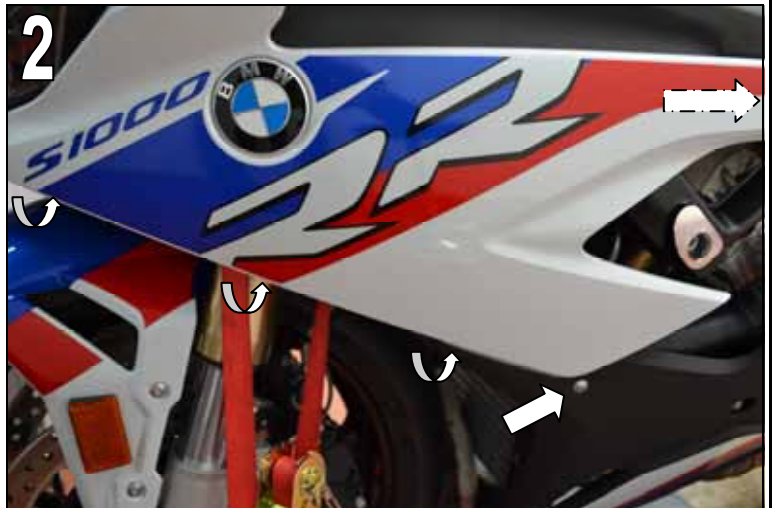
### 2. assembly

- Park the vehicle safely and secure it against falling over or rolling away.
- Relieve front wheel by means of scissor lifter 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.
- **Attention: The screws have a different shank length, remember position!** (Fig. 2)



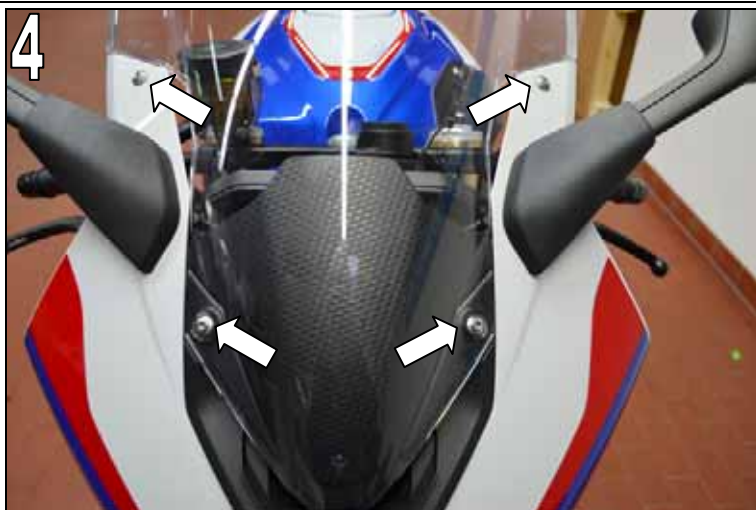
- For the rear fairing tip:  
First remove the visible screw from the black fairing, carefully fold it away and loosen and remove the exposed fixing screw.
- Remove the side panels and deposit them safely. (Fig. 3)



## AC Schnitzer Superbike handlebar BMW S 1000 RR

### 2. assembly

- Remove the windshield by loosening and removing the 4 fixing screws as shown in the illustration.
- Remove the panelling from the top. (Fig. 4)



- On the left side of the vehicle: Loosen and remove the standard fixing nuts.
- Remove the rear-view mirror upwards from the carrier.
- **Attention: Do not damage the direction indicator cable.** (Fig. 5)



- Insert the supplied cladding wedges between the cladding with the "bottom" marking pointing downwards. (Fig. 6)



## 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 fix it at the end as shown in the illustration. Tightening torque: 9Nm. - The longer sleeve nut is used in the rear driving direction, the shorter one in the front.

- Fit the supplied cover caps firmly onto the screw heads. (Fig. 8)

- Then equip the right side with the same wedge as the right side.



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



## AC Schnitzer Superbike handlebar BMW S 1000 RR

### 2. assembly

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

**Attention:**

**Brake fluid damaged painted surfaces! Any escaping brake fluid should be wiped up and neutralized immediately!**



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



- Remove the lower cover from the right electrical unit.  
- To do this, guide the TX8 lathe driver through the standard bore from below and loosen and remove the rear fastening screw.  
- Loosen and remove the front fixing screw of the electrical unit.  
- Disconnect the plug connection of the handle heating and remove the electrical unit.  
- Remove the plug connection from the throttle handle. (Fig. 12)



## AC Schnitzer Superbike handlebar BMW S 1000 RR

### 2. assembly

- Loosen the fastening screw of the throttle handle and remove it from the stub handlebar.
- Remove the throttle handle from the handlebar stub and put it down. (Fig. 13)



- Completely screw in the adjustment screw of the clutch cable on the left side of the vehicle.
- Then unscrew again until the slot in the screw is parallel to the slot in the coupling armature. (Fig. 14)



- Thread out the clutch cable from the adjusting screw.
- Remove the lower cover cap of the microswitch from the latch and remove the clutch cable from the clutch handle. (Fig. 15)
- Remove the clutch cable from the guide on the standard triple clamp.



## AC Schnitzer Superbike handlebar BMW S 1000 RR

### 2. assembly

- Loosen and remove the fixing screws of the coupling armature.
- Remove the clutch armature from the handlebar stub and place it forward.
- **Attention: Do not damage the cables of the microswitches.** (Fig. 16)



- Fold away handle lip, loosen exposed fastening screw with Torx screwdriver and remove. (Fig. 17)
- Only remove the handle from the stub when dismantling the triple clamp.



- If available, disconnect the DTC connector. (Fig. 18)



## AC Schnitzer Superbike handlebar BMW S 1000 RR

### 2. assembly

- Disconnect the clutch cable from the gear unit.
- Loosen the counter screw, unthread the cable and remove it from the vehicle. (Fig. 19)



- Relieve front wheel by means of scissor lift.
- 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 with washer from the triple clamp.
- First apply adhesive tape to the socket to prevent damage to the triple clamp. (Fig. 21)



## AC Schnitzer Superbike handlebar BMW S 1000 RR

### 2. assembly

- Remove the triple clamp from the stanchions.
- Disconnect the plug connection from the ignition lock.
- Make sure that the DTC cable is not damaged. - Guide the clutch cable supplied to the gear unit in the same way as the series cable.
- wiring harnesses of the electrical units (right & left) in the direction of travel behind the Lay standpipes. (Fig. 22)



- Remove the ignition lock from the standard triple clamp. To do this, drill a hole into the shear bolt, drive in the Torxbit and remove the bolts.
- **Attention: Make sure that the ignition lock is free and cannot be damaged.** (Fig. 23)



- Fasten the standard ignition lock to the supplied AC Schnitzer triple clamp as shown in the illustration using the supplied fixing screws and sleeves.
- Apply medium strength screw adhesive to the screws beforehand.
- When mounting on a suitable tool! Use hexagon socket with locking pin! - Tightening torque: 21Nm (Fig. 24)
- For insurance reasons, the hexagon socket must be made unusable with an 8 mm drill after tightening the screws.



## AC Schnitzer Superbike handlebar BMW S 1000 RR

### 2. assembly

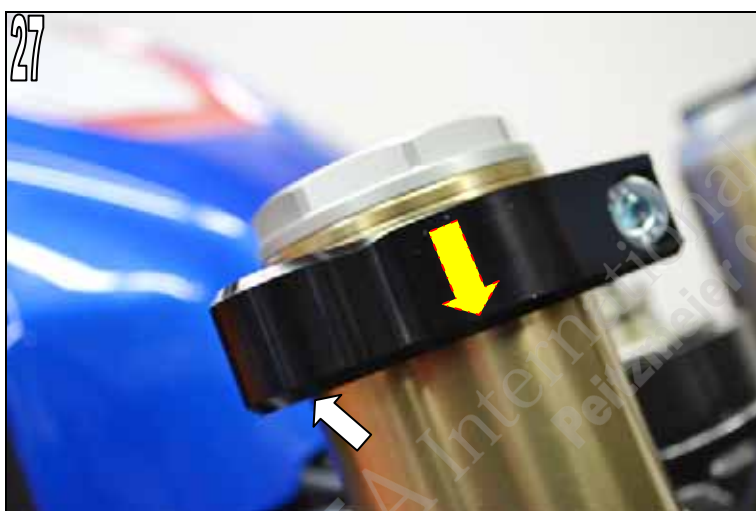
- Remove the fastening screws of the lower parts of the clamping block from the fork bridge supplied, coat with screw adhesive, screw in and fasten with a suitable tool (see illustration).
- Tightening torque of the fixing screws: 48Nm (Fig. 25)



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



- Push the supplied brake line adapter onto the right fork arm as shown in the illustration with the threaded hole facing downwards and slide it downwards. (Fig. 27)



## AC Schnitzer Superbike handlebar BMW S 1000 RR

### 2. assembly

- Place the supplied triple clamp on the fork up-rights, re-connect the ignition lock and pay attention to the DTC cable.
- When pushing on, make sure that the washer is seated correctly. Coat the central nut with screw adhesive, attach the washer and fasten the end of the nut. (100Nm tightening torque) Then fasten the end of the standpipe clamps. (20Nm) Apply screw adhesive to the screws beforehand. (Fig. 28)



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



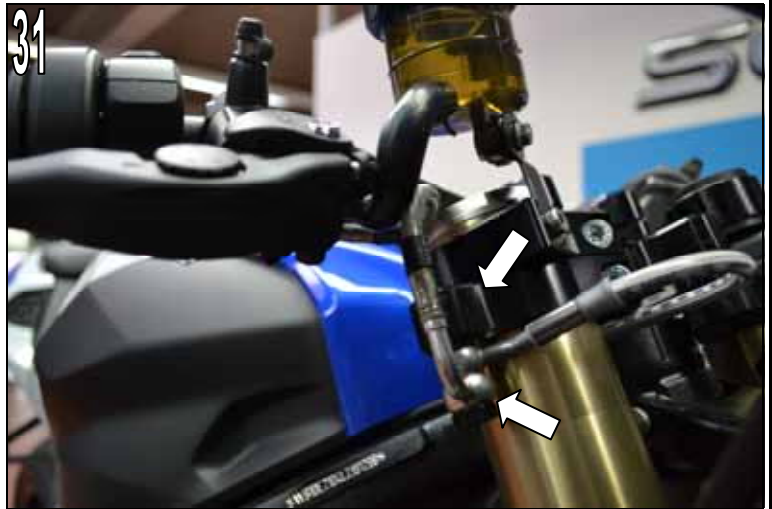
- Attach the clutch cable to the Ram-Air duct with the supplied clip. (A)
- Push the handlebar left into the electrical unit.
- Insert the handlebar into the clamping brackets and pre-fasten them evenly.
- Slide on the gas rotary handle, make the plug connection and fasten both electrical units at the end using pre-drilled holes.
- Tightening torque: 2Nm
- Attach the clutch armature to the handlebar. Above on block, below: 8Nm (Fig. 30)



## AC Schnitzer Superbike handlebar BMW S 1000 RR

### 2. assembly

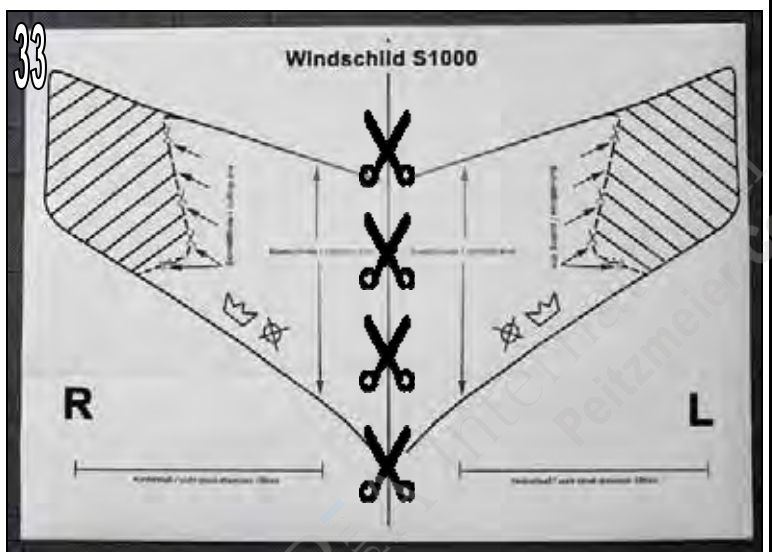
- Disconnect the brake line from the hand pump and attach it to the brake adapter together with the brake line and double banjo bolt supplied as shown in the illustration. Use new sealing rings. Fit the supplied brake line with new sealing rings to the standard brake pump and align. (Turn fittings clockwise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



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



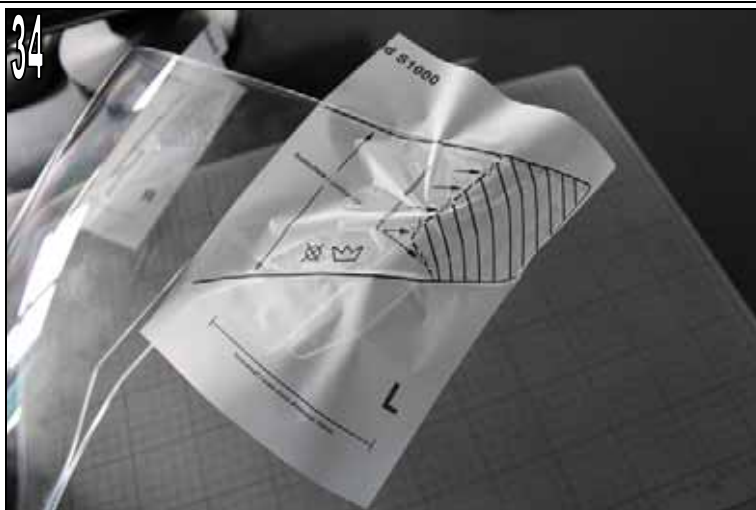
- Separate the supplied template in the middle.
- Observe control dimension in case of possible holding pressure.
- Peel off the protective film from the adhesive side. (Fig. 33)



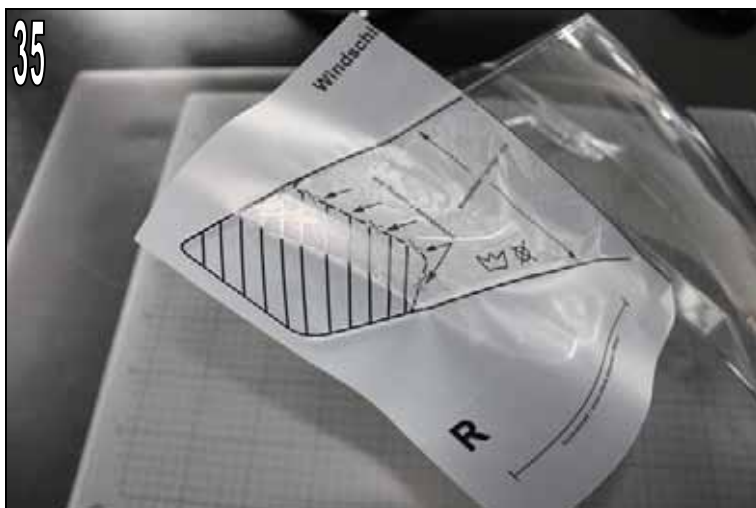
## AC Schnitzer Superbike handlebar BMW S 1000 RR

### 2. assembly

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



- Attach machined windshield to vehicle end using standard mounting screws.
- Tightening torque: 1Nm. (Fig. 36)



## AC Schnitzer Superbike handlebar BMW S 1000 RR

### 2. assembly

- Perform clearance check
- If the link impact is complete, a clearance must exist as shown in the figure.
- If necessary, loosen the handlebars on the clamping brackets and turn them backwards.
- Carry out functional check of steering lock. (Fig. 37)



- When fully clockwise, check that the cruise control fuse switch is free to move.
- Final check the central position of the long bar.
- If necessary, loosen the clamping blocks of the handlebar and turn the handlebar to the rear.
- Finally, alternately coat the screws of the handlebar clamp with screw lock and fasten the ends. - Ensure that the gap between the clamping blocks is even!
- Tightening torque of the handlebar clamp: 20Nm.



- Prepare the supplied handlebar ends according to the illustration.
- Coat screw with screw lock, insert handlebar weight into handlebar and spread rubber clamp by tightening fixing screw.
- Press in the cover cap of the clamping screw. (Fig. 39)



## AC Schnitzer Superbike handlebar BMW S 1000 RR

### 2. assembly

- Finally insert the cover caps of the handlebar clamping screws.
- Fasten the cable harness along the handlebar with cable ties.
- Hook the clutch cable into the clutch actuation and adjust the clutch clearance according to the manufacturer's instructions (5mm clearance on the hand lever).



### Theses:

- Check clearance of all relevant components- Check tightness of all fastenings- Check function of electrical system and lighting
- Check function of brake system
- Ensure sufficient level in equalizing tank
- Check clearance of clutch
- Carry out test drive, then check screw connections for tight fit
- The component must be registered after assembly!
- Draw customers' attention to changes in seating position and driving behaviour