

AC[®] SCHNITZER

-Montageanleitung- Superbike Steering K1200S/R/ Sport-



**Teile-Nr.: S50120540406
S51120540406**

General Notes!



AC Schnitzer Superbike Handlebars

Important Note!

Read these fitting instructions completely before beginning the installation work.
AC Schnitzer is not liable for damage caused by incorrect installation!

Check goods for completeness and correctness before starting work.
Later complaints cannot be accepted.

These fitting instructions are intended exclusively for use by authorised AC Schnitzer or BMW dealers. The instructions are directed in all cases at specialist staff trained in BMW vehicles with the corresponding specialist knowledge and tools.

WARNING:

Work on the handlebars carries a safety risk. Faulty work can have serious consequences. Do not carry out the work unless you are confident in these fields of work!

Before installation:

For installation, the vehicle must be adequately secured against falling over or rolling away..
For this we recommend the use of the main stand or an original BMW assembly stand. Keep children and animals away from the working area.
Risk of accident from hanging elements and electrical short circuit! Therefore before starting work, remove all jewellery (chains, watches, rings etc.).

After installation:

After completing the work, carry out a test ride. After the test ride, check all bolt connections for firm seat, and all moving parts for adequate clearance. Also check the function of the electrical system and the theft protection systems.

Fitting Time (1 unit = 5 minutes)

The fitting time is around 16 units (K1200S) & 30 units (K1200R), which may vary depending on condition and equipment level of the vehicle. (This figure is a recommendation only and is not binding.)

Painting time (1 unit = 5 minutes)

Not applicable.

Tools Required

- see page 3

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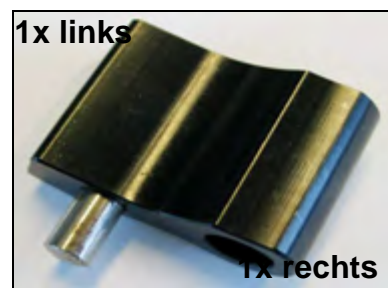
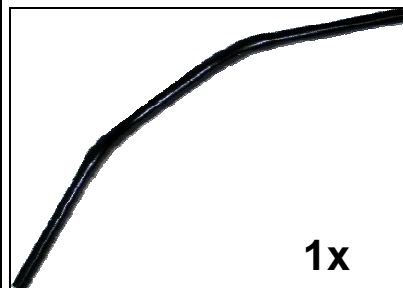
AC Schnitzer - Motorrad-Technik - Neuenhofstraße 160 - D - 51078 Aachen - Tel. 0241/5688 -300 Fax -135

Montageanleitung

AC Schnitzer Superbike Steering Conversion – K1200S/R –

1.1 Components Supplied

1 AC Schnitzer Superbike Handlebar Conversion part no.: S50120540402 consisting of



Note: On the BMW K1200R, a throttle cable is also supplied which must be used instead of the standard unit. See BMW Fitting Instructions 32 72 305!

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Fitting Instructions

AC Schnitzer Superbike Handlebar Conversion – K1200S/R –

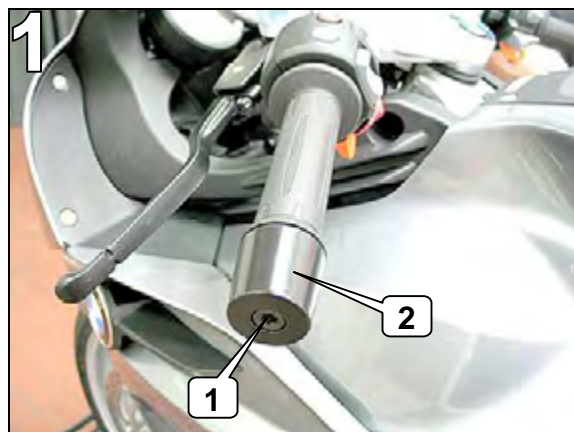
1.2 Tools Required

Electric drill and bit Ø7mm Ø8mm
 Torx driver Tx10 Tx25 Tx45
 Straight slot screwdriver
 Crosshead screwdriver
 Allen key SW 4 SW 6
 Ratchet and socket SW 27
 Torque wrench

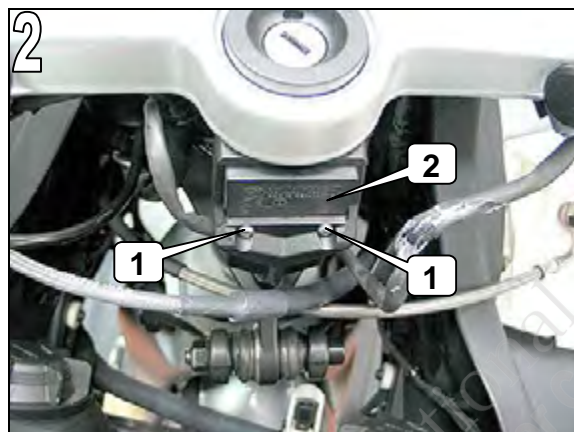
Universal or pipe pliers
 Long nose pliers
 Side cutters
 Cutter
 Cable ties or similar
 Insulating tape
 Thread lock (e.g. Loctite)

2. Removing the Standard Handlebar Bridge

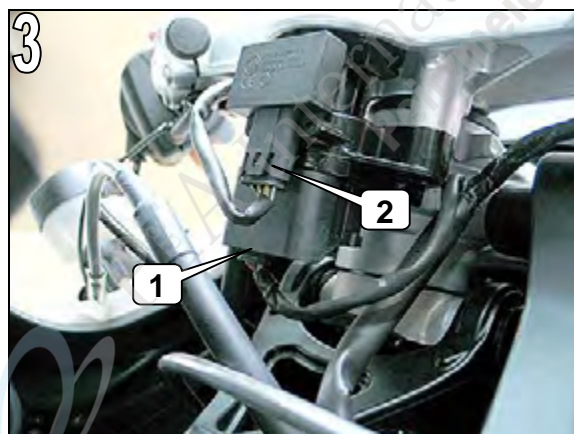
- On left and right, remove bolt (1) and remove handlebar weights (2) (Fig. 1).



- Remove screws (1) and remove cover (2) for ring antenna (Fig. 2).



- Cut cable ties at handlebar bridge and separate plug (1) of ignition lock and plug (2) of ring antenna (Fig. 3).



Fitting Instructions

AC Schnitzer Superbike Handlebar Conversion – K1200S/R –

2. Removing ... (Cont'd.)

Left grip unit

- Remove screws (1), remove grip unit (2) and lay to front with cable ties or similar (Fig. 4).

WARNING: Air in the brake or clutch system causes malfunctions! So always lay or suspend the brake or clutch fluid reservoir so that no air can penetrate the pipe system from the reservoir!!! Brake and clutch fluid can damage painted surfaces!!! Protect painted surfaces from damage with suitable means!!!

- Release screw (1) and remove grip (2) from handlebar stub (3) (Fig. 5).

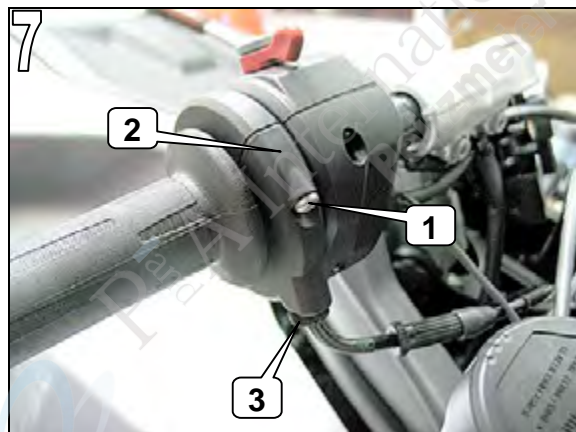
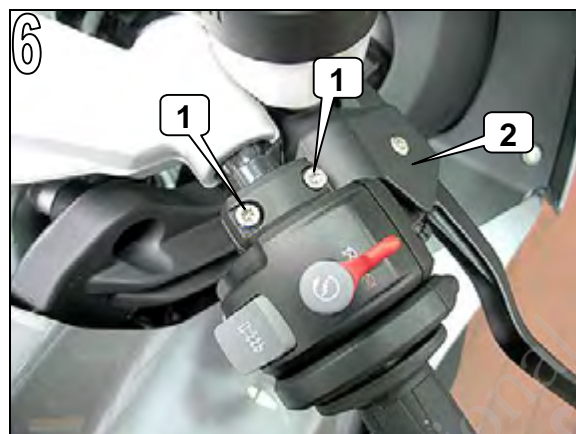
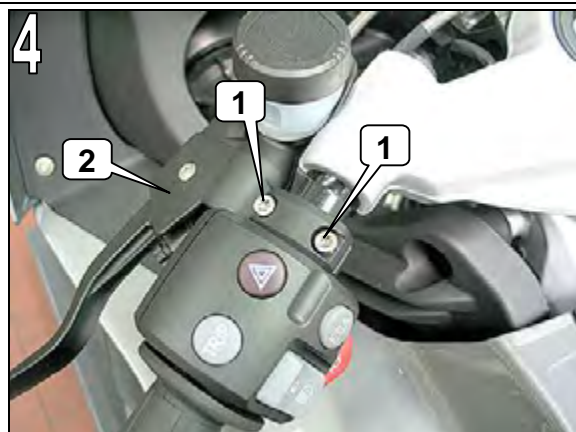
Note: Retain screw (1) for re-use!!!

Right grip unit

- Remove screws (1), remove grip unit (2) and lay to front with cable ties or similar (Fig. 6).

WARNING: Air in the brake or clutch system causes malfunctions! So always lay or suspend the brake or clutch fluid reservoir so that no air can penetrate the pipe system from the reservoir!!! Brake and clutch fluid can damage painted surfaces!!! Protect painted surfaces from damage with suitable means!!!

- Release screw (1), remove cover (2) and unscrew locking screw from throttle cable (3) (Fig. 7).



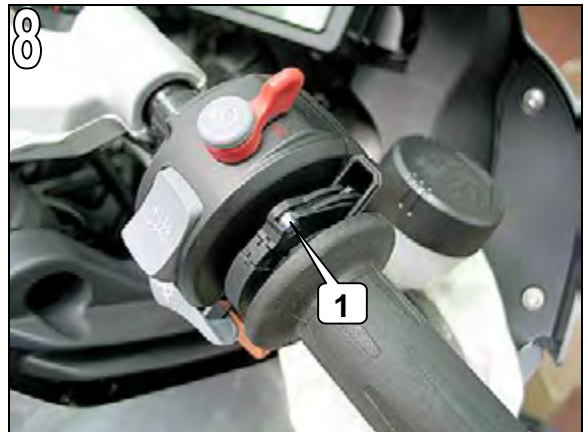
Fitting Instructions



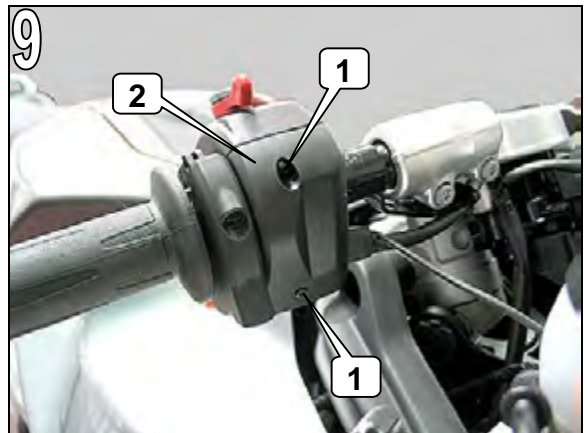
AC Schnitzer Superbike Handlebar Conversion – K1200S/R –

2. Removing ... (cont'd.)

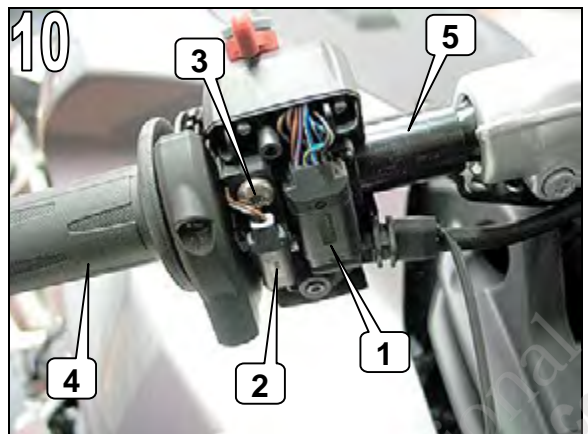
- Release throttle cable (1) (Fig. 8).



- Remove screw (1) and remove cover (2) (Fig. 9).



- Separate plugs (1 and 2), release screw (3) and remove grip (4) from handlebar stub (5) (Fig. 10).



- Carefully prise out cover cap (BMW Emblem) (retain for re-use!!!) (Fig. 11).



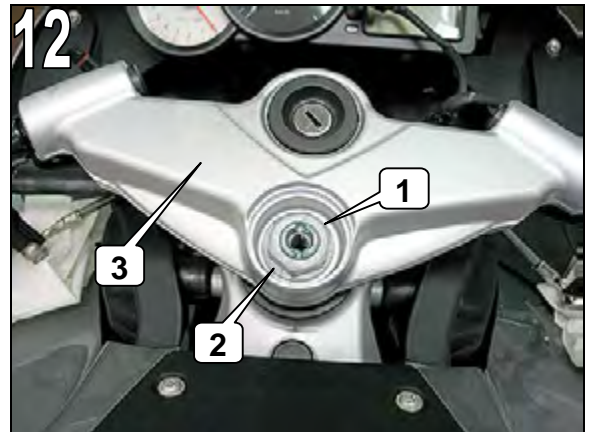
Fitting Instructions



AC Schnitzer Superbike Handlebar Conversion – K1200S/R –

2. Removing ... (cont'd.)

- Release hex nut (1) (retain for re-use!!!), remove washer (2) and handlebar bridge (3) (Fig. 12).



- Drill out manifold bolts with an 8mm bit until the bolt head loosens (Fig. 13).

- Remove ring antenna with ignition/steering lock housing.



- Cut table tie attaching the throttle cable, and lay this between the tank cover (1) and front carrier (2) (Fig. 14).

Note: Ensure that the throttle cable is laid without tension or kinking!!!

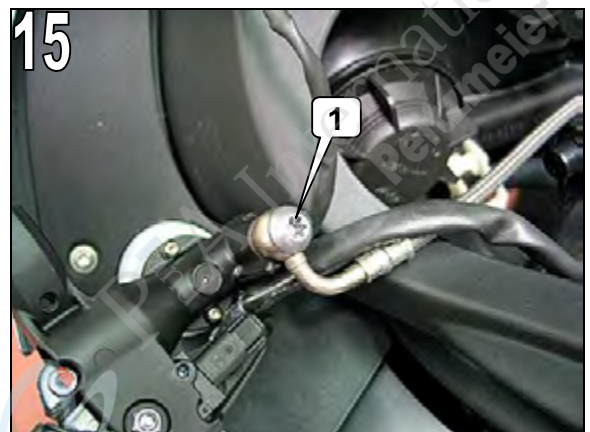
Note: On the BMW K1200R, the standard throttle cable must be replaced with that supplied!!

See BMW Fitting Instructions: 32 72 305



- Separate clutch line (1) from grip unit (Fig. 15).

Note: Brake and clutch fluid can damage painted surfaces!!! Protect painted surfaces from damage with suitable means!!!



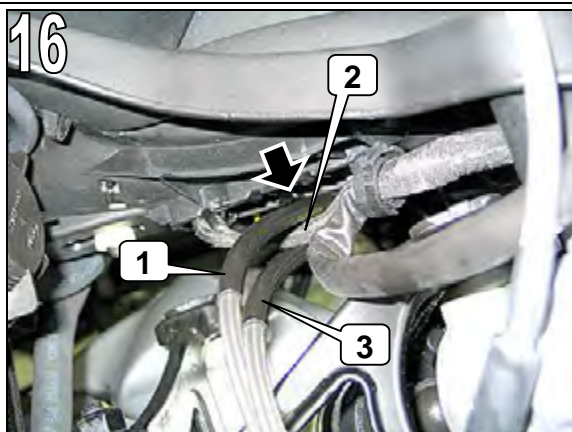
Fitting Instructions

AC Schnitzer Superbike Handlebar Conversion – K1200S/R –

2. Removing ... (cont'd.)

- Thread clutch line (1) out behind wiring harness (2) so that it runs in front (3) of the harness (Fig. 16).

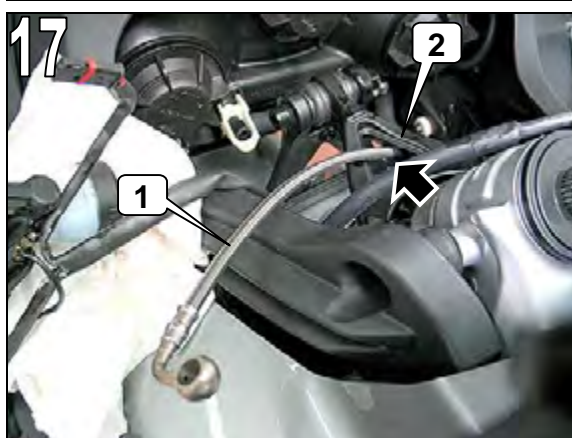
[before = 1 after = 3]



- Thread clutch line (1) through the scissor joint (2) (Fig. 17) and re-attach to grip unit (Fig. 15), use new seal if necessary.

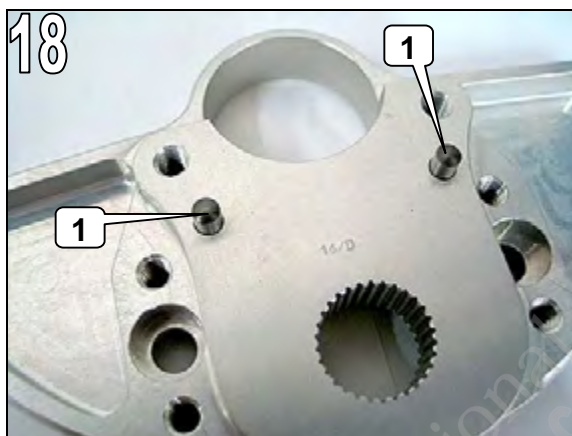
Note:

In the BMW K1200R, the left panel holder must also be detached. The brake line must be laid within the panel holder and the cable tie must be released. (Fig. above)

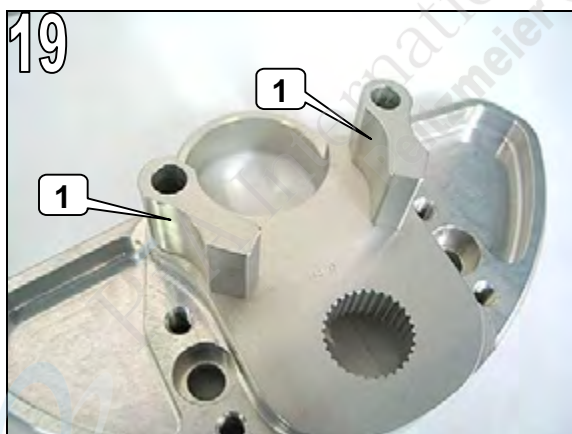


3. Fitting des AC Schnitzer Superbike Handlebar Conversion

- Insert cylinder pins (1) in the AC Schnitzer fork bridge (Fig. 18).(only if not pre-assembled!)



- Position steering stops (1) as shown on the cylinder pins so that the through bores align with the threaded bores in the fork bridge (Fig. 19). (only if not pre-assembled!)



Fitting Instructions

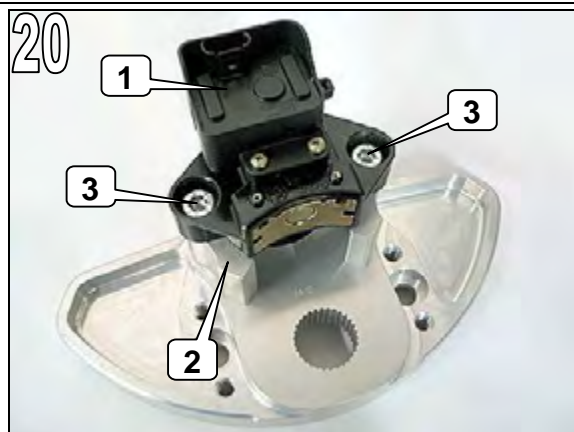
AC Schnitzer Superbike Handlebar Conversion – K1200S/R –

3. Fitting ... (cont'd.)

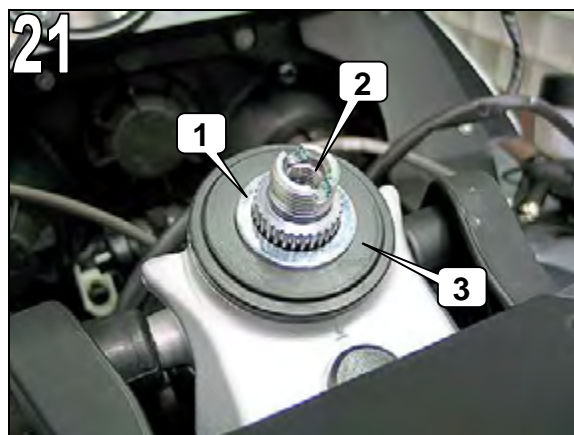
- Position ring antenna with ignition/steering lock housing (1) on the steering stops (2) and fasten using the cap head bolts M8x40mm (3) supplied (Fig. 20).

Insert bolts with thread lock (e.g. Loctite)! **Tightening torque 20Nm.**

Note: For insurance reasons, it is essential that the socket head of the fixing bolt (3) of the ignition/steering lock is rendered useless with a 7mm drill!!!

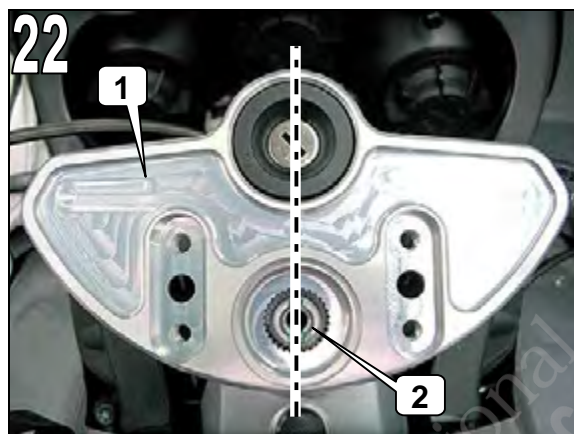


- Lay washer Ø25x35x2mm (1) supplied over the guide piece (2) on the cover plate (3) (Fig. 21).



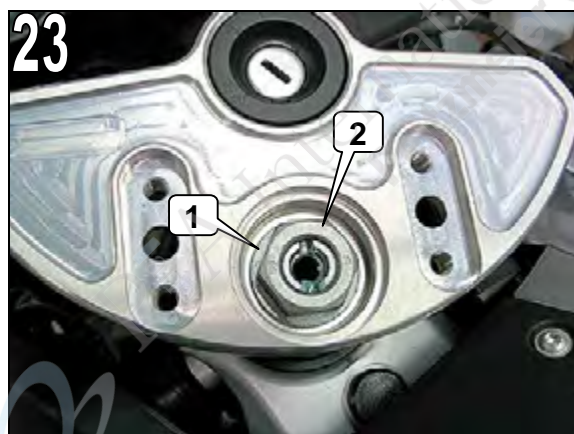
- Push the AC Schnitzer fork bridge (1) onto the guide piece (2) (Fig. 22).

Note: Observe handlebar/wheel position!!!



- Attach fork bridge using the washer Ø20x32x1mm (1) supplied and the standard hex nut (2) (Fig. 23). Fit hex nut with thread lock (e.g. Loctite)! **Tightening torque 90Nm.**

Note: Standard washer is not re-used!



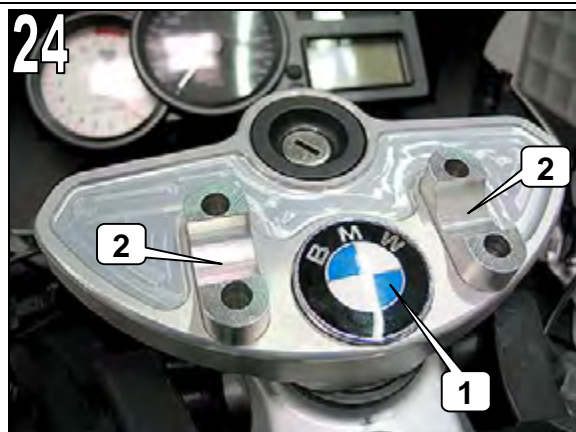
Fitting Instructions



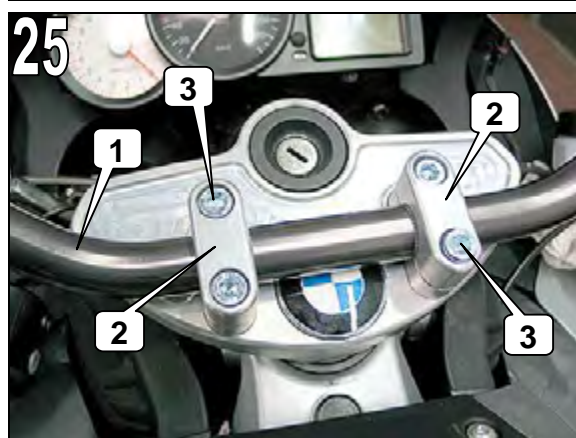
AC Schnitzer Superbike Handlebar Conversion – K1200S/R –

3. Fitting ... (cont'd.)

- Clip in the cover cap (BMW Emblem) (1) and insert the lower clamping block (2) supplied in the fork bridge (Fig. 24).



- Place the AC Schnitzer handlebar (1) on the fork bridge/lower clamping block, and fasten with the upper clamping block (2) and cap head bolts M8x45mm (3) (do not tighten!!!) (Fig. 25).



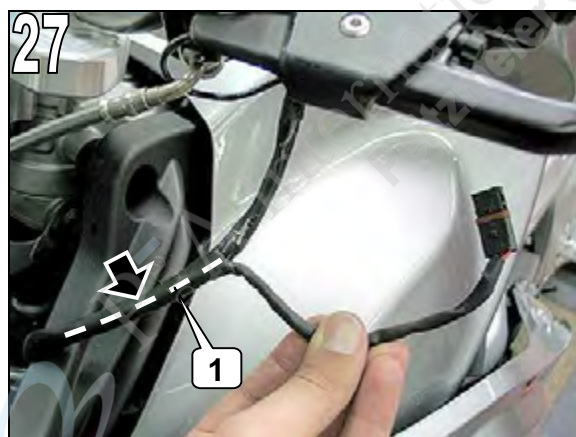
- Mount the left and right grip units in reverse order on the AC Schnitzer handlebar (see Fig. 4 to Fig. 10). Pre-assemble the left grip unit, align (check for clearance from mirror), and drill through the holes provided into the handlebar. Attach grip unit with standard bolts.

Note: Only tighten fixing bolts (3) lightly... the definitive position of the handlebar is decided at the end!!!

- Install the handlebar end weights (1) (Fig. 26).



- Using a cutter, carefully cut away approx. 50 mm of insulation from the cable branch (1) – on both left and right grip units – and then apply new insulating tape (Fig. 27).



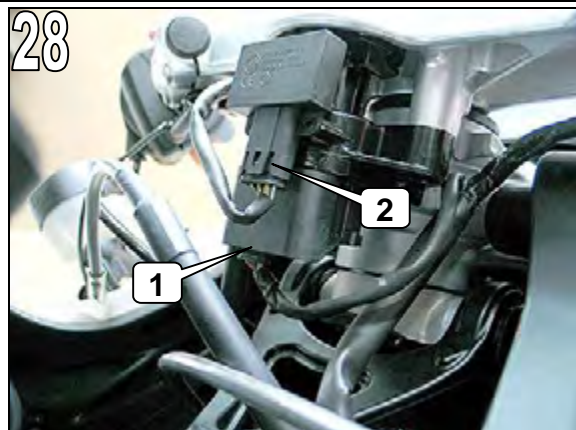
Fitting Instructions

AC Schnitzer Superbike Handlebar Conversion – K1200S/R –

3. Fitting ... (cont'd.)

- Connect the plug (1) of the ignition lock and plug (2) of the ring antenna (Fig. 28).

Note: Fasten cable with cable ties!!!

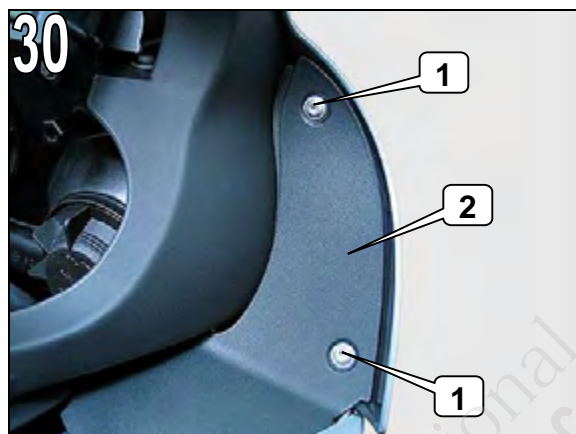


- Fit cover (1) of ring antenna (Fig. 29).

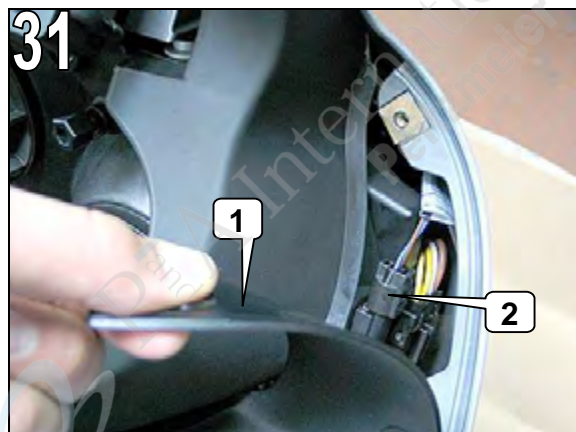


- **Note: The following work steps are not required for the BMW K1200R!**

- Remove screws (1) from the inner trim (2) (Fig. 30).



- Carefully fold the inner trim (1) back and separate plug connection (2) for direction indicator in rear view mirror (Fig. 31).



Fitting Instructions

AC Schnitzer Superbike Handlebar Conversion – K1200S/R –

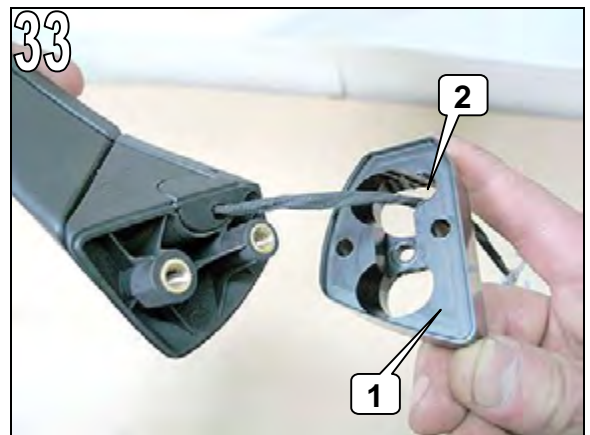
3. Fitting ... (cont'd.)

- Remove screws (1) and remove rear view mirror with wiring harness from the vehicle (Fig. 32).



- Thread wiring harness of mirror through the mirror base (1) supplied (note right/left!!!) (Fig. 33).

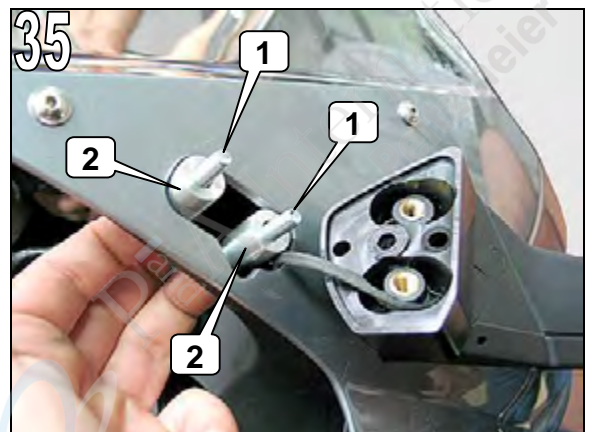
Note: Wiring must lie in the recess (2) of the mirror base (Fig. 33)!!!



- Rethread wiring harness and recreate plug connection (Fig. 34).



- Fit oval head bolts M6x35mm (1) and spacers (2) to the vehicle (Fig. 35).



Fitting Instructions

AC Schnitzer Superbike Handlebar Conversion – K1200S/R –

3. Fitting ... (cont'd.)

- Place rear view mirror (1) with mirror base (2) on the vehicle and fasten (Fig. 36).

Note: Ensure correct seat of rear view mirror!!!

- Position the handlebar and grip units in relation to the rear-view mirror, and tighten all fixing bolts (Fig. 37). Insert clamping bolts (cap head bolts M8x45mm) for handlebar (Fig. 25) with thread lock (e.g. Loctite)!

Note: Brake and clutch levers must not touch the rear view mirror (Fig. 38).

- Affix the AC Schnitzer sticker (1) supplied in the recess provided on the fork bridge (2) (Fig. 39).

If the optional carbon inlay is used, the sticker is affixed to the carbon inlay!

4. Final Work (also BMW K1200R)

- Bleed clutch system if required to BMW Repair Instruction!!!
Check brake and clutch fluid levels!!!

- Ensure that all cables and fluid lines are laid stress-free!

- Carry out a test ride.

- **After the test ride, check all bolts for firm seat. Function test the steering lock, adjusting the stops if necessary, steering lock must engage in both end stops.**

- Point out the modified seating position and driving behaviour to the customer!

Subject to errors, technical developments and modifications!

