

# AC<sup>®</sup> SCHNITZER

***-Fitting Instructions-***

## ***Front Spoiler – F800S –***



***Part No.: S50800619603***

# General Notes!

## AC Schnitzer Front Spoiler – F800S –

### **Important Notes!**

*Read these Fitting Instructions carefully before starting installation work. AC Schnitzer bears no liability for damage caused by incorrect installation!*

*Check goods for completeness and absence of damage **before** starting work. Later complaints cannot be accepted.*

*These Fitting Instructions are intended for use by an authorised AC Schnitzer dealer.*

*These Fitting Instructions are directed in each case to specialists trained in BMW vehicles, with corresponding professional knowledge.*

**Before painting, always** fit component to the vehicle and adjust if necessary.

### **Fitting**

*It is **not** possible to fit the AC Schnitzer front spoiler with a main stand!*

*Compatibility with other exhaust systems has not been tested!*

*For fitting, secure the vehicle adequately against rolling away or falling. We recommend the use of an original BMW fitting stand!*

*All work must be performed taking into account current safety regulations (e.g. protective goggles).*

### **Fitting Time (1 unit = 5 minutes)**

*The fitting time is around **12\* units**, which may differ according to the condition and equipment level of the vehicle.*

*(\* This value is a guideline only and is not binding!)*

### **Tools Required**

*Electric drill*

*Bit Ø5.5mm*

*Torx driver Tx 25 / Tx 30*

*Socket wrench SW 8 / SW 10*

*Open-ended / ring spanner SW 8 / SW 10*

*Allen key SW 4*

*Crosshead screwdriver*

*Marker pen*

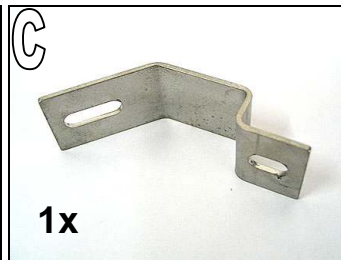
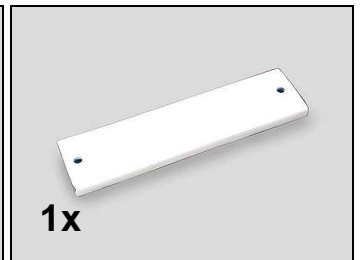
## AC Schnitzer Front Spoiler – F800S –

<b>Chapter</b>	<b>Page</b>
1. <i>Components supplied</i>	4
2. <i>Removing the standard side panels</i>	5
3. <i>Fitting the AC Schnitzer front spoiler</i>	6
4. <i>Painting instructions</i>	11
5. <i>Further AC Schnitzer products</i>	12

# Components Supplied



## AC Schnitzer Front Spoiler – F800S –



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AC Schnitzer - automobile Technik - Neuenhofstraße 160 - D - 82078 Aachen - Tel. 0241/5688 -130 Fax -135

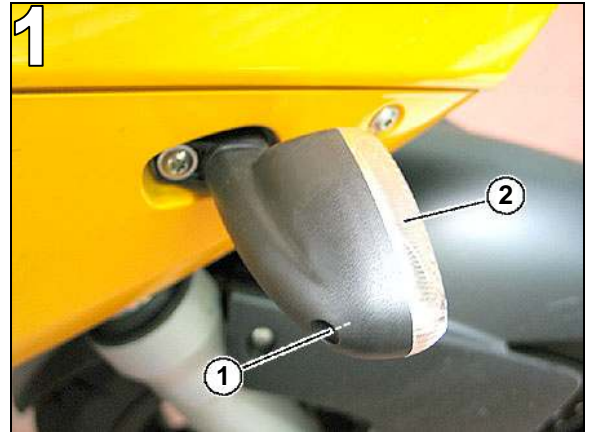


# Fitting Instructions

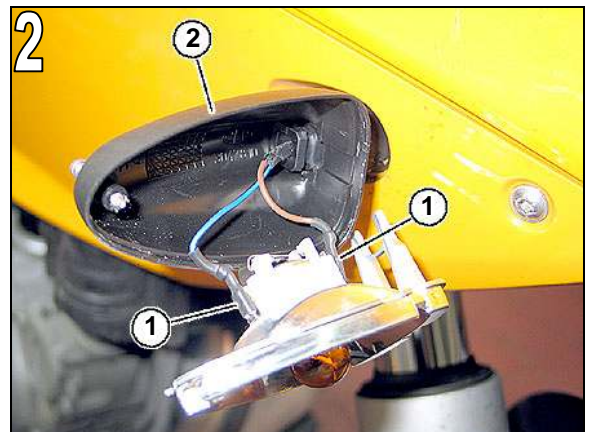
## AC Schnitzer Front Spoiler – F800S –

### 4. Removing the Standard Side Panels

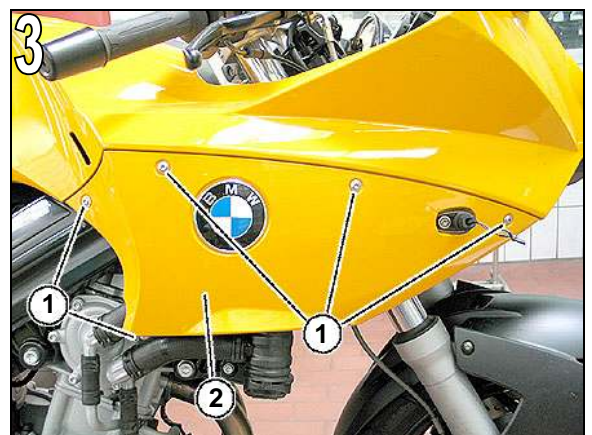
- Release bolt (1) and remove lens (2) (Fig. 1).



- Separate plug connections (1) at the reflector and remove housing (2) from indicator holder (Fig. 2).



- Release bolts (1) and remove side panel (2) (Fig. 3).



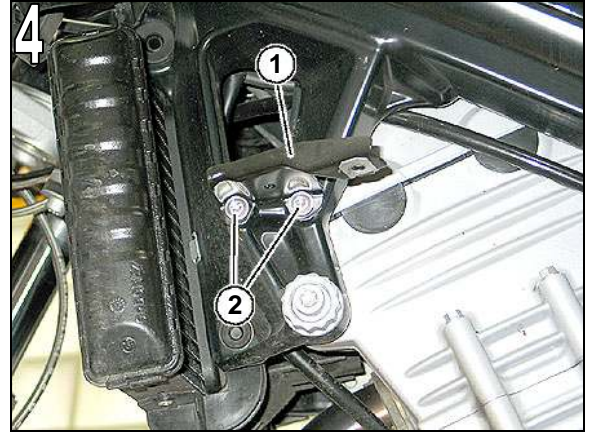
# Fitting Instructions

## AC Schnitzer Front Spoiler – F800S –

### 4. Removing... (cont'd.)

#### Left side in direction of travel!

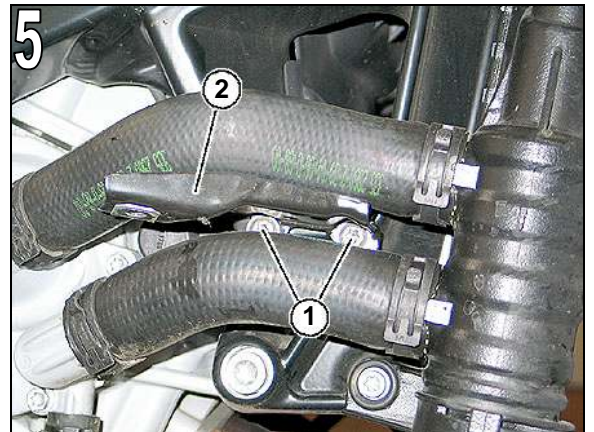
- Release bolts (1) and remove bracket (2) (Fig. 4).



#### Right side in direction of travel!

- Release bolts (1) and remove bracket (2) (Fig. 5).

- Where fitted, remove main stand (not-reused!).



### 5. Fitting the AC Schnitzer Front Spoiler

#### Left side in direction of travel!

- Attach bracket A (1) to the frame as shown using the standard fixing bolt (Fig. 6).

#### Note!

All brackets (A to D) can also be painted in body colour at the customer's request.





# Fitting Instructions

## AC Schnitzer Front Spoiler – F800S –

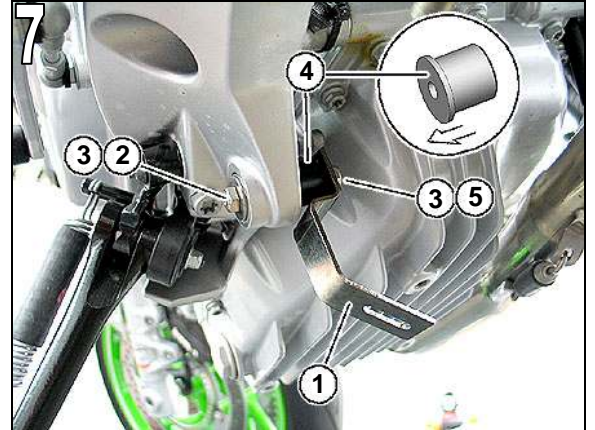
### 5. Fitting ... (cont'd.)

#### Left side in direction of travel!

- As shown, fit bracket C (1) using the hex bolt M6x45mm (2), washers  $\text{\O}6.4 \times 18\text{mm}$  (3), spacer (4) and hex nut M6 (5) supplied (Fig. 7).

#### Note!

Ensure the spacer is fitted the correct way.



#### Right side in direction of travel!

- Attach bracket B (1) to the frame using the standard fixing bolt as shown (Fig. 8).

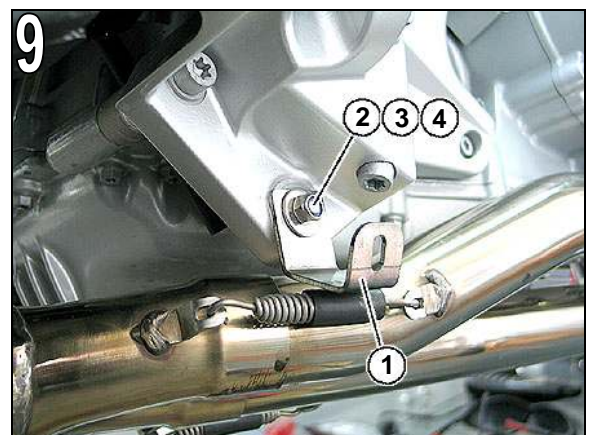
#### Note!

Ensure that the water hose is free; if necessary adjust / re-align.



#### Right side in direction of travel!

- Attach bracket D (1) as shown using the hex bolt M6x25mm (2), two washers  $\text{\O}6.4 \times 18\text{mm}$  (3) and hex nuts M6 (4) supplied (Fig. 9).

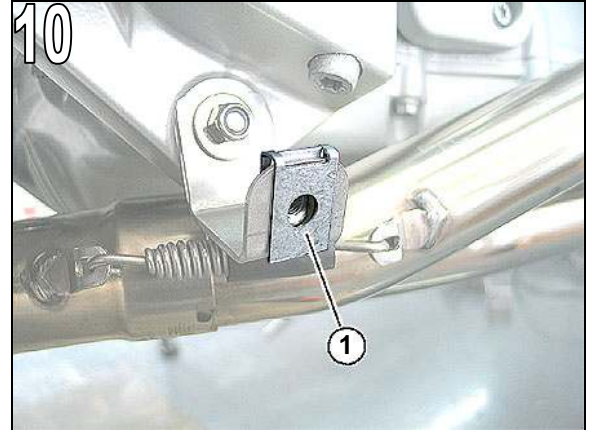


# Fitting Instructions

## AC Schnitzer Front Spoiler – F800S –

### 5. Fitting ... (cont'd.)

- Fit clip nuts M6 (1) supplied to all brackets (A to D) (Fig. 10).

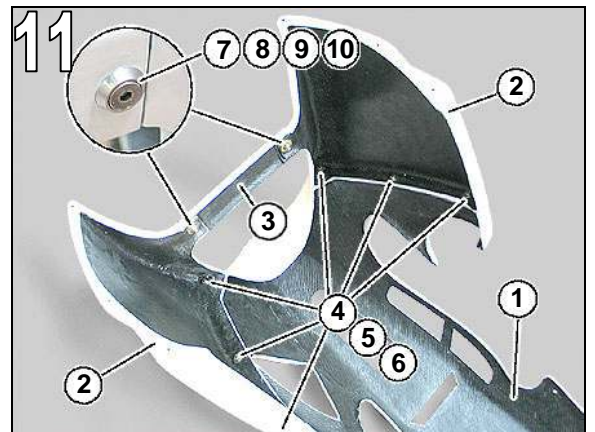


- Attach front spoiler (1) to side parts (2) using the hex bolts M5x16mm (4), washers  $\text{\O}5.3 \times 15\text{mm}$  (5) and hex nuts M5 (6) supplied (Fig. 11).

- Attach centre part (3) to side parts (2) using the countersunk head bolts M6x20mm (7), countersunk washer (8), washers  $\text{\O}6.4 \times 18\text{mm}$  (9) and hex nut M6 (10) supplied (Fig. 11).

**Note!**

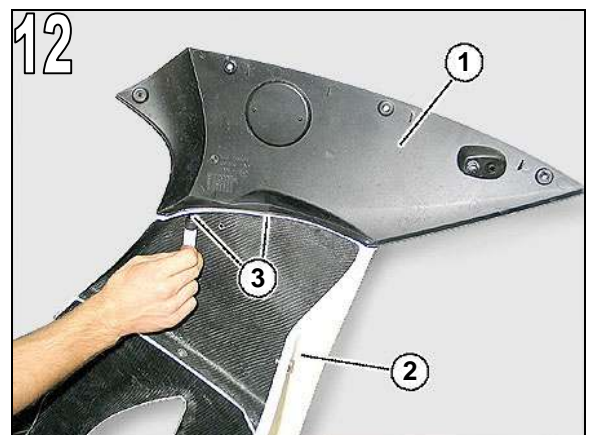
**Check transitions between individual components and adjust if necessary.**



- Place the standard side panel\* (1) with its underside on the AC Schnitzer side parts (2) (note left/right side), align and using a marker pen, transfer the fixing points (3) of the side parts (2) to the standard panel (1) (Fig. 12). \*) other side ditto

**Note!**

**Check transitions between individual components and adjust if necessary.**





# Fitting Instructions

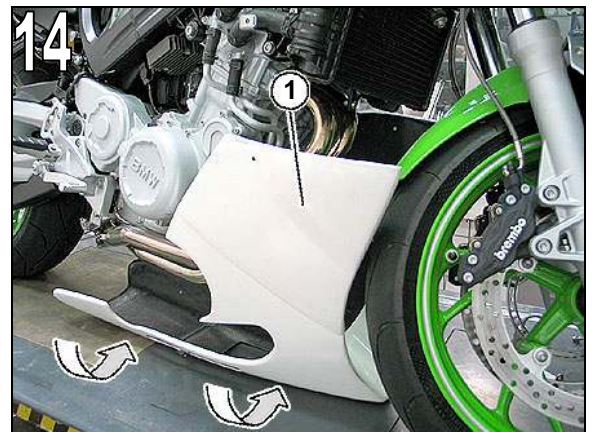
## AC Schnitzer Front Spoiler – F800S –

### 5. Fitting ... (cont'd.)

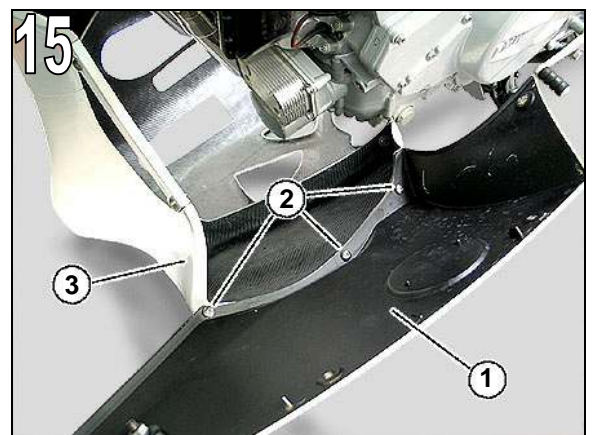
- At the marked points (1) drill 5.5mm holes and deburr (Fig. 13).



- Push the AC Schnitzer front spoiler (1) under the vehicle at the side (Fig. 14).



- Position the standard side panel (1), align and attach to the front spoiler / side parts (3) using the self-tapping screws Ø4.8x16mm (2) supplied (Fig. 15).



# Fitting Instructions

## AC Schnitzer Front Spoiler – F800S –

### 5. Fitting ... (cont'd.)

- Place the AC Schnitzer front spoiler (1) on the vehicle (get another person to help) and attach using the standard fixing bolts (2) and the countersunk head bolts M6x20mm (3) and countersunk washers (4) supplied (Figs. 16 and 17). On vehicles where the manifold pipes are joined together by a panel, the front spoiler must be adjusted until sufficient clearance (4-5 mm) is achieved.

**Note!**

**Ensure that no engine parts or other components are scratched or damaged; mask off parts at risk if required.**



- Fit direction indicators (flashers) in reverse order (Fig. 1 to Fig. 2) and check for function.

- Affix the AC Schnitzer sticker (1) in the recess provided (Fig. 18).

- Ensure clearance of all components.

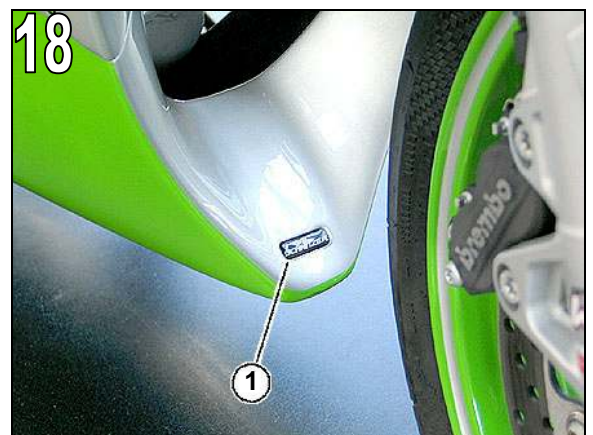
- Check lights for function.

- Carry out test ride.

- After a test ride, check all bolts for firm seat.

- Inform the customer of the modified ground clearance!

- The component must be registered.



Subject to errors and modifications!

# Painting Instructions

## Notes on Painting AC Schnitzer Components

### General Preparations:

- Before starting work, temper the AC Schnitzer components; to do this, heat the components for 15 minutes at 40° to 50° Celsius, ensuring the components are placed on suitable jigs to prevent distortion!
- After cooling, clean the components thoroughly using Universal Cleaner (Glasurit No.: 541-30)!
- Dry sand the components with "Red Sanding Pad" (3M), smoothing down or removing seams and edges with 150 grade abrasive paper.
- Mask off contact surfaces, rating plates and TÜV markings on the components with masking tape or similar so that no filler residue remains on the surfaces concerned.
- Clean the components thoroughly again using Universal Cleaner (Glasurit No.: 541-30), rub down with a damp sponge (to prevent static charges) and allow to dry.

**Fillers:                    Mixing ratio for filler: 4 parts "filler", 1 part "hardener" and 1 part "thinner"**

**Filler (\*):                    Glasurit - HS Filler No.: 285-60**  
**Hardener:                    Glasurit - Filler Hardener – very short – No.: 929-28/2**  
**Thinner:                      Glasurit - Thinner No.: 352-91**  
**(\*) = for aluminium parts:    Use Glasurit - EPOXY Filler No.: 8011552!**

- Mix the filler as specified above, and prefill broken and rounded edges and seams twice. Then fill the entire component twice (including edges and seams!).
- Heat components to 40° to max. 45° Celsius for one hour and leave to dry.
- Check components for pores (holes), if necessary puncture or cut away blisters, fill with plastic stopper (Glasurit Ratio No.: 83920) and leave to dry.
- Remove masking tape!

### Painting:

- Wet sand the entire component with 800 grade abrasive paper.
- Blow off component with compressed air, then clean with Universal Cleaner (Glasurit No.: 541-30).
- Rub down component with damp sponge (to prevent static charges) and allow to dry.
- Only now mask off the contact surfaces (not the rating plates and TÜV markings) with masking tape.
- In the spray booth, blow off component again lightly and rub down carefully with a dust cloth.

**Mixing ratio for base coat: 1 part "paint" and 1 part "thinner"!**

**Paint (produce to BMW number): Glasurit - Two Coat Cover, 55 line**  
**Thinner:                      Glasurit - Thinner No.: 352-91**

- Depending on shade, apply the prepared paint in two to four cross sweeps.
- Allow to flash off at 20° Celsius for approx. 15 minutes (base paint is then completely matt).

**Mixing ratio for clear: 2 parts "clear", 1 part "hardener" and 1 part "thinner"**

**Clear:                        Glasurit - MS Clear No.: 923-155**  
**Hardener:                    Glasurit - Hardener MS short no.: 929-71**  
**Thinner:                      Glasurit - Thinner No.: 352-91**

- Apply the mixed clear in 1½ cross sweeps!
- **Note: Do not use "adhesion agent" or "softface" (softener)!**

### Drying:

- AC Schnitzer recommends: Paint components the night before and leave to dry over night at room temperature or for at least 8 hours at max. 30° Celsius. If this is not possible, allow the components to dry for two hours at 40° to max. 45° Celsius (watch for component distortion!).
- After drying, wet sand any dust inclusions with 2000 grade abrasive paper and polish the entire component.



# AC<sup>®</sup> SCHNITZER



## **AC Schnitzer Superbike Handlebar Kit**

Enjoy a sporting ride with a relaxed seating position. Components supplied in quality black anodized finish. No need to cut any panels!

**Item number: S50800640406**



## **AC Schnitzer Sports Silencer**

With EC approval, suitable for standard cat / presilencer. The silencer is fitted with a removable sound insert, comprising:

**Link pipe with cat. 0115 085206**  
**Titanium finish silencer S8102100254LT**

## **AC Schnitzer High Performance Manifold\***

**Item number: 0101 085206**

*\*) not shown*

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