

# ATC<sup>®</sup> SCHNITZER

**-Fitting Instructions-**

## **LIGHT BOMB**



**Part No. S50121663120**

# General Notes!



## AC Schnitzer "Light Bomb" LED Headlight

### Important Notes!

#### Important Notes!

These Fitting Instructions must be read carefully before starting work, and do not claim to be complete in relation to every work step. Technical, editorial and content changes are reserved!! 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 solely for use by authorised AC Schnitzer or BMW dealers. These Fitting Instructions are in all cases directed at professionals trained in BMW vehicles who have the corresponding specialist knowledge and tools. Knowledge concerning material properties and standards is assumed! Work on electrical systems should only be carried out by trained personnel.

#### Before installation:

For installation, protect the vehicle adequately against rolling away or falling over.

We recommend the use of the normal main stand or an original BMW assembly stand! Keep children and animals away from the working area!

There is a risk of accident from tripping or electrical short-circuit! Therefore remove all jewellery (chains, watches, rings etc.) before starting work.

#### After installation:

After completion of the work, carry out a test ride. After the test ride, check all bolt connections for tightness and ensure that all moving parts have adequate clearance.

Check the light setting using suitable means.

This component has "ECE Approval" to R112; in relation to ECE rule 53, this is approved for operation on vehicles of class L3E and does not require registration.

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

The fitting time is around **10 units**, which may vary depending on vehicle condition and equipment level.  
(This value is a recommendation only and is not binding!)

#### Tools Required

- Standard automotive tools
- Soldering Iron
- Insulating material
- 2mm drill + cordless screwdriver or similar

## AC Schnitzer "Light Bomb" LED Headlight

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# Components Supplied



## AC Schnitzer "Light Bomb" LED Headlight

A

6x spacers for fixing

A



B

9x fixing bolts

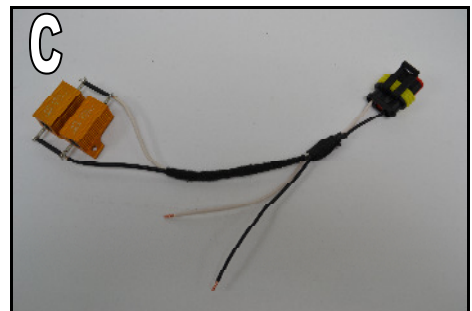
B



C

1x plug kit: front positioning lamp  
power supply incl. resistor set

C



D

1x headlight insert

D



# Fitting Instructions

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## AC Schnitzer "Light Bomb" LED Headlight

### 2.Fitting

- Park vehicle securely and protect against falling or rolling away.(Fig. 1)



- Release standard clamping bolt (do not unscrew fully), remove headlamp insert from housing.  
- Unclip standard fixing clips from decor ring and remove reflector. (Fig.2)



- Insert AC Schnitzer LED headlight in standard decor ring, and mount using the spacers supplied and the standard fixing clips.  
- Ensure that the part with the lens is at the top and the front positioning lamp is horizontal.  
- After fitting, drill a 2 mm hole in each spacer as shown.  
(Fig. 3)



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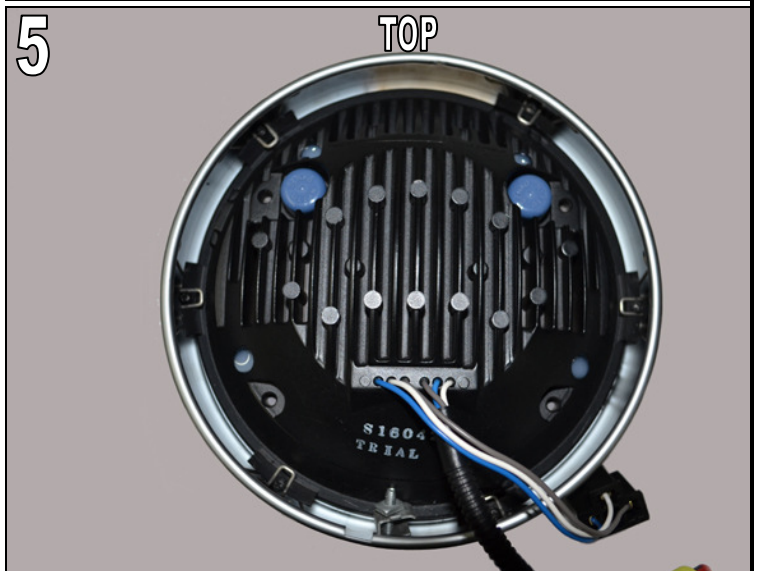
## AC Schnitzer "Light Bomb" LED Headlight

### 2. Fitting

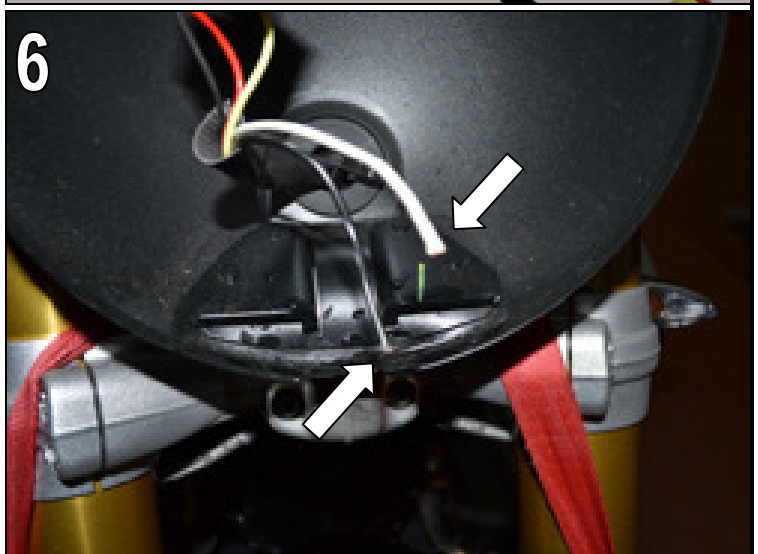
- Screw one of the securing screws supplied into each hole.
- Only screw this in until the screw head sits above the clip. (Fig. 4)



- Align fixing clips with spacers as shown. (Fig. 5)



- On the vehicle wiring harness, separate the power supply plug for the front positioning lamp and insulate cable ends using a suitable tool (Fig. 6)



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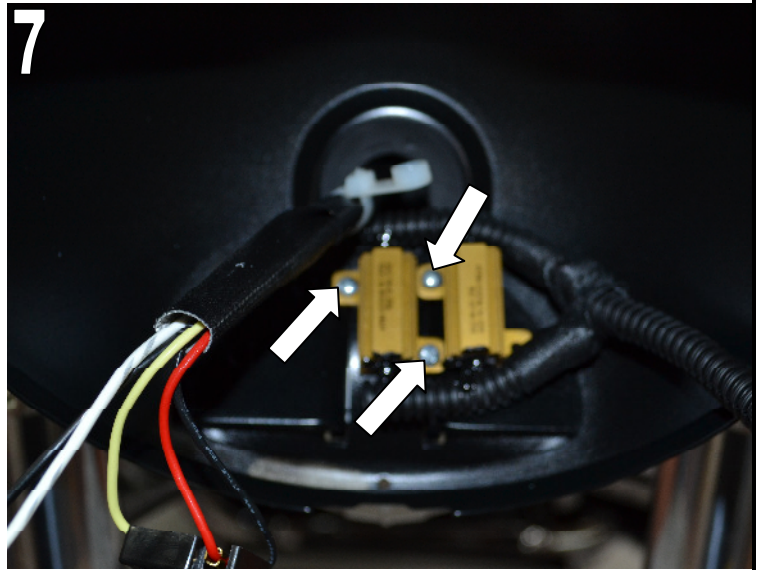
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# Fitting Instructions

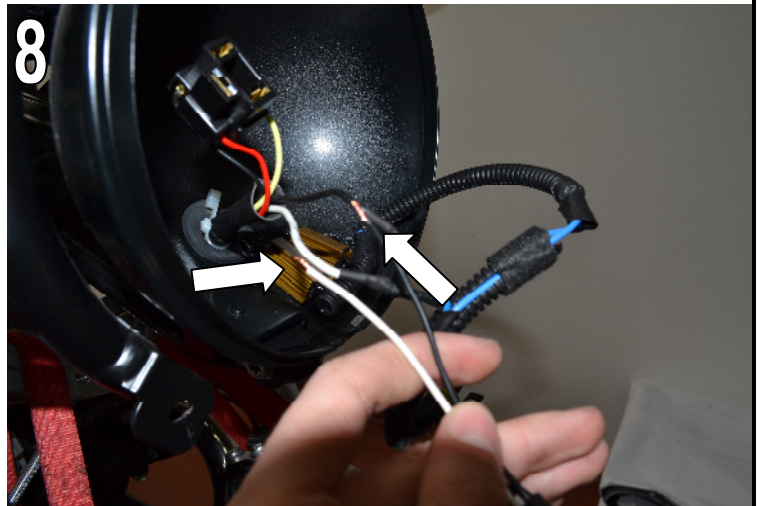
## AC Schnitzer "Light Bomb" LED Headlight

### 2. Fitting

Fix delivered resistor set with delivered screws (pcs.) (Fig. 7)



- Solder cable ends of plug supplied to the cable ends of the vehicle wiring harness.
- Insulate solder points correctly, and lay ignition cable over the wiring harness.
- White wiring harness to white plug cable
- Black wiring harness to black plug cable (Fig. 8)



- Connect front positioning lamp plug and main headlight plug, and route wiring harness as a ring in the headlight housing. (Fig. 9)
- Place LED headlight at top of housing, then slide in lower clip and secure with clamping screw (all steps similar to fixing of standard headlight)



# Fitting Instructions

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## AC Schnitzer "Light Bomb" LED Headlight

### 2. Fitting

- Check that the headlight is seated firmly and horizontally.
- Check function of front positioning lamp, dipped headlight and high beam light.
- Set headlight to BMW specifications.  
(Fig. 10)
- The headlight has ECE marking and does not require registration.

