



-Fitting Instructions- AC S10

High Performance Forged Alloy Wheels



**Part No. S50121535110
S50121560110**

General Notes!



AC Schnitzer Forged Alloy Wheels AC S10

Important Notes!

Important Notes!

This item is not suitable for home fitting.

Please contact your BMW motorcycle dealer for fitting.

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 hydraulic systems should only be carried out by trained personnel.

Before installation:

AC Schnitzer recommends painting or powder-coating the wheels before fitting.

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 parts have adequate clearance.

Fitting Time (1 unit = 5 minutes)

The fitting time is around **18 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 Torx driver
- Scissor lift
- Torque wrench
- Medium-strength thread lock
- Tyre fitting and balancing machine
- Exhaust assembly paste

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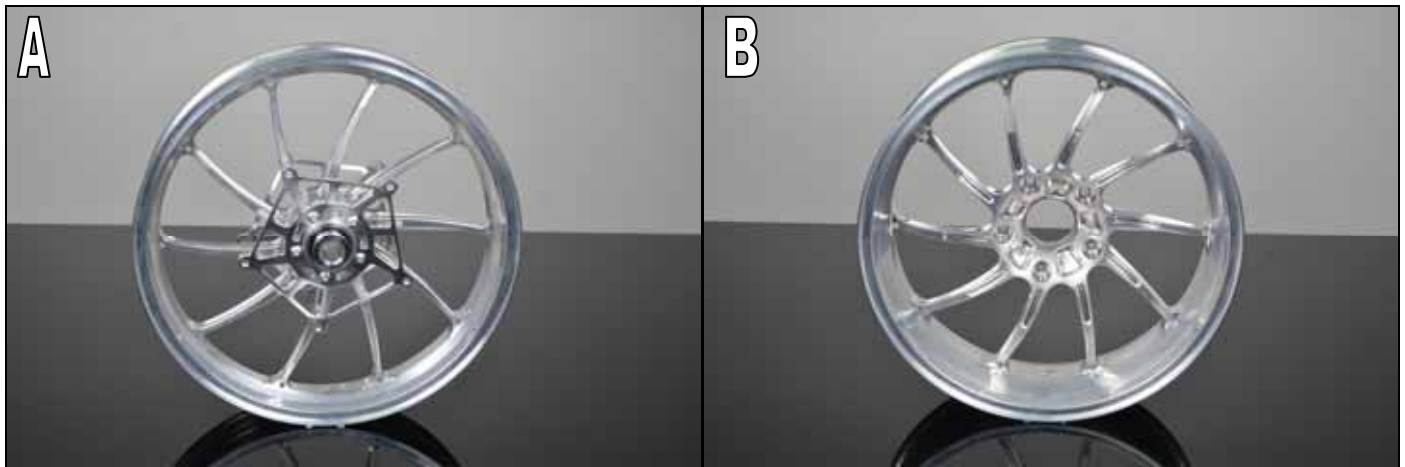
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Components Supplied



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A 1 x AC Schnitzer forged alloy wheel 3.5" x 17" S50121535110

A 1 x AC Schnitzer forged alloy wheel 6.0" x 17" S50121560110

C 2 x AC Schnitzer angled valves

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Fitting Instructions



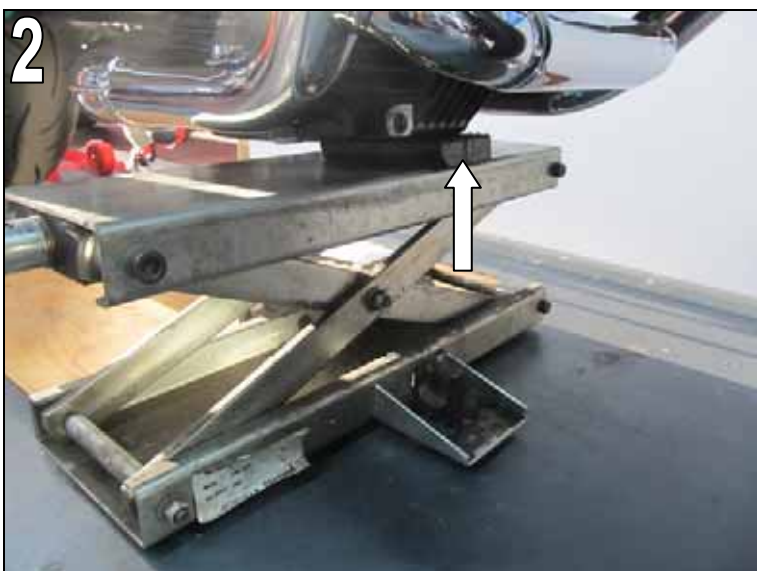
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2. Fitting

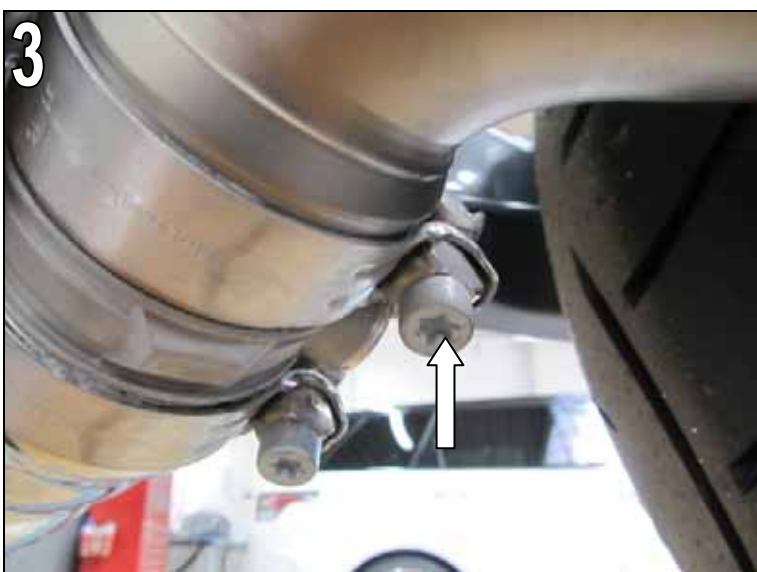
- Park vehicle securely and protect against falling over or rolling away.
- Approved tyres must be fitted and balanced according to known regulations; this procedure is not described here in detail. (Fig. 1)



- Relieve the load on the rear wheel with suitable means, e.g. using a scissor jack, so that this can turn freely.
- Place rubber protection between the scissor jack and the underside of the engine. (Fig. 2)



- Release the lower clamping bolt on the exhaust pipe to rear silencer. (Fig. 3)



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Fitting Instructions



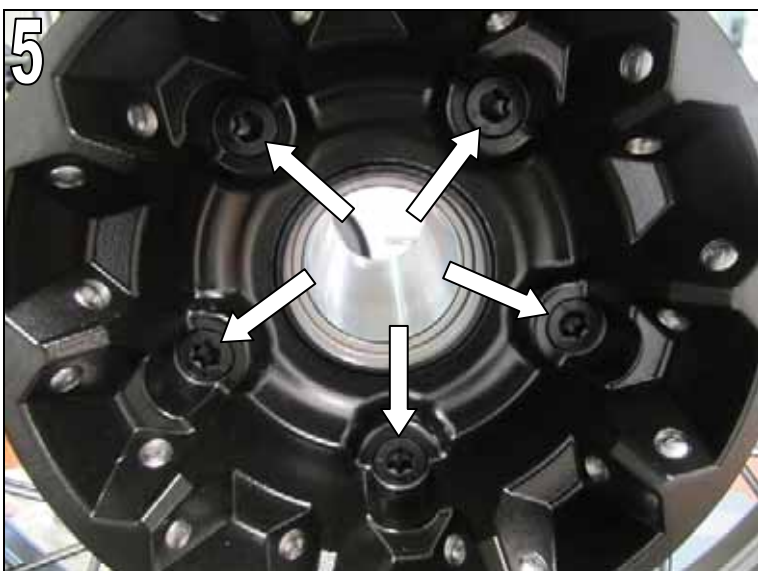
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2. Fitting

- Remove rear fixing bolt from rear silencer completely, and remove silencer from vehicle. (Fig. 4)



- Release and remove the standard rear wheel fixing bolts.
- Remove rear wheel from hub. (Fig. 5)



- Clean wheel holder and threads on wheel bolts. (Fig. 6)



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2. Fitting

- Install the angle valve supplied as shown. Ensure that the filling opening points to the left (viewed in direction of travel).
- Before fitting, coat thread lightly with thread lock. Tightening torque: 7Nm
- Fit tyre and balance. (Fig. 7)



- Place balanced rim on the cleaned hub and install the standard wheel bolts. Ensure that the bolts engage in the thread by at least 6 turns.
- Tighten bolts diagonally (engage gear if necessary), tightening torque: 60 Nm (Fig. 8)



- Lower rear wheel again and relieve load on front wheel similarly, securing the vehicle against falling over or rolling away. (Fig. 9)



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2. Fitting

- Release both brake caliper fixing bolts on the right and left side, and remove bolts.
- Pull brake caliper off the brake disk, where necessary mask off wheel at this point to avoid damage.
- Attach removed brake caliper to the (cooled) exhaust manifold with cable ties. (Fig. 10)



- On the right-side in the direction of travel (!), release axle clamping bolts by 2 turns. (Releasing the axle clamping bolts on the left side leads to a shift of the wheel, which can damage the ABS sensor)



- Release the floating axle using a hex drive (BMW Art.No.:36 3 691) and remove complete floating axle towards the outside.
- Carefully remove front wheel from fork.
- Ensure that the spacer bush (on left in direction of travel) is securely held. (Fig. 12).



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2. Fitting

- Release and remove all fixing bolts for the brake disc, remove the brake disc from the standard wheel.
- Check brake disc for condition, replace if necessary.



- Mount the angle valve supplied on the AC Schnitzer front wheel, coating the thread lightly with thread lock before fitting.
- Align the angle valve so that the filling opening is on the left.

Tightening torque: 7 Nm

(Fig. 14)



- If the brake disc adapter is to be removed for surface treatment, coat the M8 bolts with thread lock before refitting.
- Tightening torque of brake disc adapter bolts: 25 Nm
- Ensure that the joining faces are free from material deposits.
- Place checked brake disc (with ABS ring for left side) as shown (rivet rims to the outside), and secure with new fixing bolts.
- Tightening torque of new, micro-encapsulated bolts: 19 Nm
- The standard spacer is not re-used!



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2. Fitting

- Fit tyre and balance wheel,
- Roll in wheel between fork struts.
- Thinly coat the floating axle with Optimoly TA and insert floating axle.
- Tightening torque of floating axle: **50 Nm**
- Tighten 3x clamping bolts of axle holder alternately to **19 Nm**.
- Refit brake caliper using the standard bolts, and tighten to torque: **38 Nm**
- **Place brake pads against the disc by activating the hand brake lever!**
(Fig. 16)



- Clean transition piece between manifold end and silencer inlet.
- Coat silencer pipe with exhaust assembly paste, and refit silencer
- Screw in bolt as shown and tighten.
Tightening torque: 10 Nm



- Tighten bracket clamp bolt.
- Tightening torque: 25 Nm (Fig. 18)
- After completing the work, check all components for function and clearance.
- Inform customer of the modified riding behaviour!
- The AC S10 wheels must be registered!



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