

## OPERATION AND MAINTENANCE

- The value of the maximum permissible payload of the towing vehicle shall be decreased by the total mass of the coupling device (see technical data).
- The coupling device may be used only for towing of trailers with relevant coupling devices.
- Fastening of the coupling device to the vehicle as well as of the towing arm to the towing frame shall be checked after the first 300 km run with trailer. It is recommended to repeat such inspections regularly every 3000 km run with trailer.
- The towing arm with ball shall be kept clean and only appropriate grease shall be used to its protection.
- Inspections of ball diameter are necessary during the often use of the coupling device. Diameter shall not be smaller than 49 mm in any place.
- If a trailer isn't coupled, must be the detachable towing arm removed. Towing arm, which can be removed without using of tools, is allowed being detachable. Towing arm requiring tools for its removal isn't allowed to be detachable. If the towing arm is removed, it is necessary to protect the chuck of bayonet lock by the delivered cover.

## WARRANTY CERTIFICATE

The manufacturer provides a 24 months warranty period from the date of sale for the fail-safe function of the supplied coupling device if all instructions given by him for mounting, operation and maintenance of that product have been kept.

The user shall apply the warranty claim at the sale organisation where the coupling device was bought. The shop dealer with the representative of manufacturer shall assess the claim in the legal time limit and in accordance with claim rule in force.

Condition of warranty is that coupling device has been used only for the purposes it has been designed and intended to and in accordance with the technical data put down in this instruction book. Next conditions of warranty are the observance of mounting procedure and the only use of original parts (especially of the towing arm).

Warranty does not cover damage of its surface protection made mechanically or by its use in extreme weather conditions.

Warranty expires if coupling device has been damaged in an accident of relevant towing or towed vehicle, with exception of an accident caused evidently by the own coupling device itself. Warranty is also cancelled in case of intervention into the mechanism of the coupling device leading to any change or improvement.

Date of sale:

Sales company:

### HOOK CZ s.r.o.

Košuličova 2  
Brno 619 00  
Czech Republic  
tel., fax: +420 543 252 024

Version: 29012015



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Košuličova 2  
Brno 619 00  
Czech Republic

## OPERATING INSTRUCTIONS WARRANTY CERTIFICATE

for  
coupling device

ES- approval number: **e27 00-0454**

Design:	a) not detachable ball joint	
TYPE:		<b>BTZ 24-08A</b>
Design:	b) detachable ball joint	
TYPE:		<b>BTZ 24-08B</b>
Design:	c) vert. detachable ball joint	
TYPE:		<b>BTZ 24-08C</b>

For vehicle:

Manufacturer:

**Audi**

Model:

**A6 lim. (4F) 04/04-04/11**  
**(Quattro + S-line, ne pro RS6)**  
**A6 Avant (4F) 03/05-04/11**  
**(Quattro + S-line, ne pro RS6)**

## TECHNICAL DATA:

D-value:	12,00 kN
The maximum static vertical load <b>S</b> :	90 kg
Weight of towbar:	a)18,5kg, b)19,5kg, c)20,5kg

The Coupling device was approved in accordance with the Directive 94/20/EC. It is intended for towing of trailers and it was checked for D-value 12,00 kN. According to expression mentioned below, for example, it corresponds with trailer mass 2200 kg and vehicle mass 2757 kg. But only technical data inscribed in the Vehicle Registration Document are valid. Value of vertical load S mustn't be exceeded.

Calculation of D-value:  $D [kN] = \frac{\text{Max. trailer mass [kg]} \times \text{Max. vehicle mass [kg]}}{\text{Max. trailer mass [kg]} + \text{Max. vehicle mass [kg]}} \times 9,81$

## CONDITIONS FOR ATTACHMENT OF THE COUPLING DEVICE TO THE VEHICLE

- Any change or reconstruction of the coupling device is not permitted!
- Presumption for the installation of the coupling device into the towing vehicle is that the vehicle meets perfectly the geometric parameters declared by manufacturer and that the fixing points on bottom of the rear part of bodywork are not deformed or injured by accident or attacked by corrosion at older vehicles

### Fitting instructions:

- Remove the rear bumper, rear lamps and the inner lining of the trunk.
- Remove the bumper reinforcement. It will not be used any more
- Dismount bolts from the rubber holder of the exhaust silencer and lower it.
- Partially loosen the aluminum sheet above the exhaust - dismount 3 nuts.
- Remove the cover stickers at the holes for fixing the towbar on the outer side of the chassis.
- Insert rods (3) into chassis, insert bolts with washers and tighten slightly.
- Insert the towbar (1) between rods (3) and tighten slightly. Put the towbar to the horizontal position and push it to rear wall of the vehicle.
- Mount the bumper support (4), fixing depends on the type of towball (see the picture). Put the support to the horizontal position. It's possible to adjust the distance between the bumper and the support with the adjustable knob in the bumper.
- Insert the towbar (1) between rods (3), use bolts with washers according to the picture.
- All bolts tighten firmly. Mk.: M10 = 45 Nm, M12 = 75 Nm.
- **Important:**
- **Make an incision in the bumper. There is a contour of cutout for original towbar Audi! marked in the bumper. For towbar HOOK CZ is necessary to make a cutout in the axis of the vehicle: Width 80mm. Depth is the same with the marked contour of cutout for original towbar.**
- Install the wiring.
- Put back the bumper, but don't fasten it yet. Mount the towball or the housing of the detachable towball with bolts according to the picture.
- Attach the socket holder (2) according to the picture.
- Mount back the aluminum sheet and the exhaust silencer.
- Mount back the bumper, rear lamps and the inner lining of the trunk.

### List of delivered parts:

Towbar (1) .....	1
Tow ball + plastic cover .....	1+1
Socket holder (2) .....	1
Left + right rod (3) .....	1+1
Bumper support (4) .....	1
Distance cylinder Ø20x4-8,5 .....	2
Bolt M12 x 90 + spring washer + nut M12 .....	1+1+1
Bolt M12 x 100 + washer 13 + spring washer + nut M12 .....	1+1+1+1
Bolt M12 x 35 + spring washer + washer 13 .....	2+2+2
Bolt M12 x 35 + washer 13 + spring washer + nut M12 .....	2+4+2+2
Bolt M12 x 35 + washer 13 + spring washer + nut M12 .....	2+2+2+2
Bolt M10 x 100 + spring washer + washer 11 .....	4+4+4
Bolt M10 x 100 + washer 11 + spring washer + nut M12 .....	2+4+2+2

**All bolts and nuts must be strength class 8.8.**

**Figure 1- towbar Audi A6 lim.+ Avant (4F) 04/04-**

