

## 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, is necessary 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 its change or improvement.

**Warning: Warranty certificate is not valid without submission of the duly filled-up Type Sheet bearing protection elements.**

Date of sale:

Sale organisation:

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Version.:11.6.2013



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## OPERATING INSTRUCTIONS WARRANTY CERTIFICATE

for  
coupling device

EEC-approval number: **e27 00-0481**

Design : a) not detachable ball joint  
TYPE: **BTZ 26-26A**

Design: b) detachable ball joint  
TYPE: **BTZ 26-26B**

For vehicle:

Manufacturer: **VW**  
Model: **Golf V HB 12/03-08, Golf VI HB 10/08-10/12**  
**Golf VII HB 10/12-**  
**Golf V Plus 03/05-02/09, Golf VI Plus 03/09-**

### TECHNICAL DATA:

D-value: 9,30 kN  
Maximum static vertical mass S : 75 kg  
Mass of the coupling device: (a) 18,5 kg, (b) 19,5 kg

The Coupling device was homologated pursuant to the Directive 94/20/EC. It is intended for towing of trailers and it was checked for D-value 9,30kN. According to expression mentioned below, for example, it corresponds with trailer mass 1700 kg and vehicle mass 2145 kg. But technical data inscribed in the Vehicle Registration Document are valid. Value of vertical load S mustn't be exceeded.

Calculation of D-value:  $D [kN] = \frac{\text{Max. trailer mass [kg]} \times \text{Max. vehicle mass [kg]}}{\text{Max. trailer mass [kg]} + \text{Max. vehicle mass [kg]}}$   $\times \frac{9,81}{1000}$

## 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 elder vehicles.

### Procedure of the attachment to the vehicle:

- Remove rear lamps and the bumper.
- Remove the bumper reinforcement - will not be used any more.
- Let down the exhaust – dismount bolts of rubber suspender.
- Release the heat shield above the exhaust partly – dismount 3 steel nuts.
- Remove cover tapes from the prepared holes on outer sides of both vehicle beams.
- Insert side plates (3, 4) into chassis. Tighten slightly with connection accessories.
- Insert the crossbeam (1) between side plates (3,4). Balance towbar to horizontally position and push it utmost toward the vehicle.
- Fasten towbar with 2+2 bolts M12 with washers- see figure.
- Tighten all bolts firmly. Mk.: M10 = 45 Nm, M 12 = 75 Nm.
- **Important:**
- **Make an incision of the bumper. On the inner side of the bumper is marked (from the producer) profile of the incision for ORIGINAL TOWBAR VW !!! For towbar HOOK is necessary to make an incision in the axe of the vehicle, width 80 mm. The depth of the incision in upper and lower part is limited by shape of the original incision.**
- Install the wiring.
- Put the bumper back on the vehicle, but don't fasten it yet. Put the towball (or case of the detachable ball) between consoles of the towbar. Insert appropriate bolts (see figure) and tighten. The bolt near the vehicle fasten with ratchet wrench – let the bumper slightly pushed out.
- Fix the socket holder (2) with the bolt fastening the towball.
- Mount back the heat shield and the exhaust.
- Mount back the bumper and lamps and inner coating of the trunk.

### List of delivered parts:

crossbeam (1).....	1
ball joint + plastic cap .....	1+1
socket holder (2).....	1
sideplate right (4).....	1
sideplate left (3).....	1
bolt M12 x 90 + spring washer + nut M12.....	1+1+1
bolt M12 x 100 + washer13 + spring washer + nut M12 .....	1+1+1+1
bolt M10 x 35 + spring washer + washer 11 .....	4+4+4
bolt M12 x 40 + washer 13 + spring washer + nut M12.....	2+4+2+2
bolt M12 x 40 + spring washer + washer 13 .....	2+2+2
electric socket + bundle of wiring.....	by the order

