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INSTALLATION INSTRUCTIONS

Vehicle information:

Make (manufacturer): Volkswagen
Model(s): Golf VII Sportsvan; 8 2014 ⇒
Type(s): AUV

Towbar information:

Product No (Version): 56645E
ECE type: KD338
ECE approval No: E11 55R-01 10010
Vertical mass on coupling S: max. 80 kg (See vehicle data)
D-value D: max. 10.2 kN
Weight of towbar: 17.5 kg

D-value equals e.g. C = 2000 kg and T = 2166 kg.

Follow also vehicle specified restrictions (see registration document and other data of vehicle).

D-value of towbar must not be exceeded.

D = D-value [kN]
T = Maximum mass of vehicle [kg]
C = Maximum mass of centre axle trailer -
Vertical mass (S) on coupling [kg]

$$D = T \times C \times 9,81 / ((T + C) \times 1000)$$
$$T = C \times D \times 1000 / ((C \times 9,81) - (1000 \times D))$$
$$C = T \times D \times 1000 / ((T \times 9,81) - (1000 \times D))$$

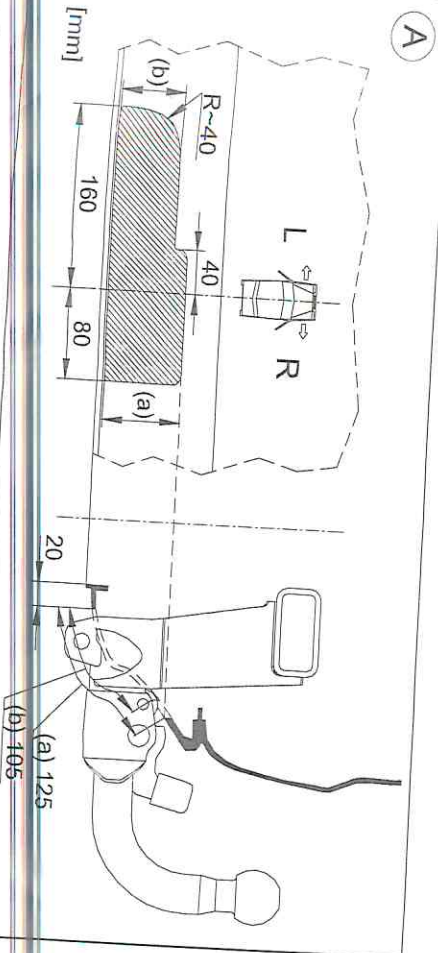
General instructions:

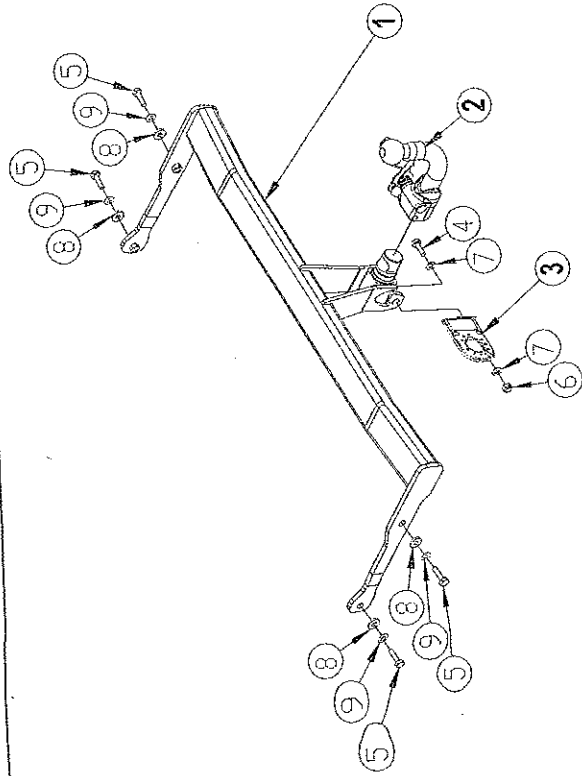
READ INSTALLATION INSTRUCTIONS BEFORE INSTALLING THE TOWBARI

- Remove underseal or other thick coating on contact area between bodywork and towbar. Treat bare sections (and drilled holes) with thin anti-corrosive coating.
- Clean threads of welded nuts and screws before assembly.
- Installation instructions and other operating and maintenance instructions, if enclosed, shall be kept with vehicle documents.
- Coupling ball must be kept clean and greased.

Notice!

- Constructional changes to towbar or to its assembly are forbidden. Defective towbar must be replaced with a new one together with complete assembly set.
- Smallest diameter of coupling ball must not be less than 49 mm to any direction.
- Manufacturer's responsibility shall not concern any damage caused by incorrect installation or use of towbar.



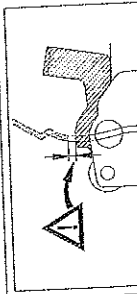


Installation set:

Pos	Qty	Part
1	1	Cross beam
2	1	Ball part
3	1	Socket holder
4	1	Screw M10 x 30
5	4	Screw M10 x 35
6	1	Lock nut M10
7	2	Washer 10.5 x 20
8	4	Washer 10.5 x 25 x 4
9	4	Spring washer M10
—	1	E-ho using cap Large (M024182)

Appendices:

- 1 Operating and maintenance instructions (KE1)



Notice! Check that there is some free space between operating lever and bumper. Ball part may not lock if the lever meets the bumper.

Tightening torque:

M6 - 8.8	10 Nm
M8 - 8.8	30 Nm
M10 - 8.8	47 Nm
M12 - 8.8	90 Nm
M14 - 8.8	130 Nm
M16 - 8.8	195 Nm
M10 x 1,25 - 8.8	40 Nm
M12 x 1,25 - 8.8	70 Nm
M12 x 1,5 - 8.8	80 Nm
M14 x 1,5 - 8.8	135 Nm

Notice! Unpack the installation set and check before assembly that all parts are included. For removing parts from vehicle see detailed instructions in workshop manual!

Hint: Follow installation instructions for electric wiring kit and install wires while mounting the towbar.

1. Demount taillights.

Demount rear bumper (Demount fixing screws and plastic fixing parts on underside of bumper, screws on rear edge of rear wheel arch, disconnect wires inside bumper. Pull bumper sides outwards and demount bumper from vehicle).

Demount collision beam from rear panel (will not be re-mounted) and mount beam fixing screws back to rear panel.

Remove possible protective tapes covering fixing points on outsides of vehicle side frames.

2. Insert towbar cross beam (1) into side frames and mount to existing holes in side frames with washers (8), spring washers (9) and screws (5).

3. Align parts and tighten all screws / nuts carefully to the right torque, see table.

4. Cut lower section of rear bumper according to sketch A.

5. Mount rear bumper back to vehicle.

6. Mount socket holder (3) to towbar cross beam (1) with screw (4), washers (7) and nut (6).

7. Re-install vehicle in reverse order.

8. Ball part (2) will be installed and maintained according to enclosed manual. Follow the instructions frequently.