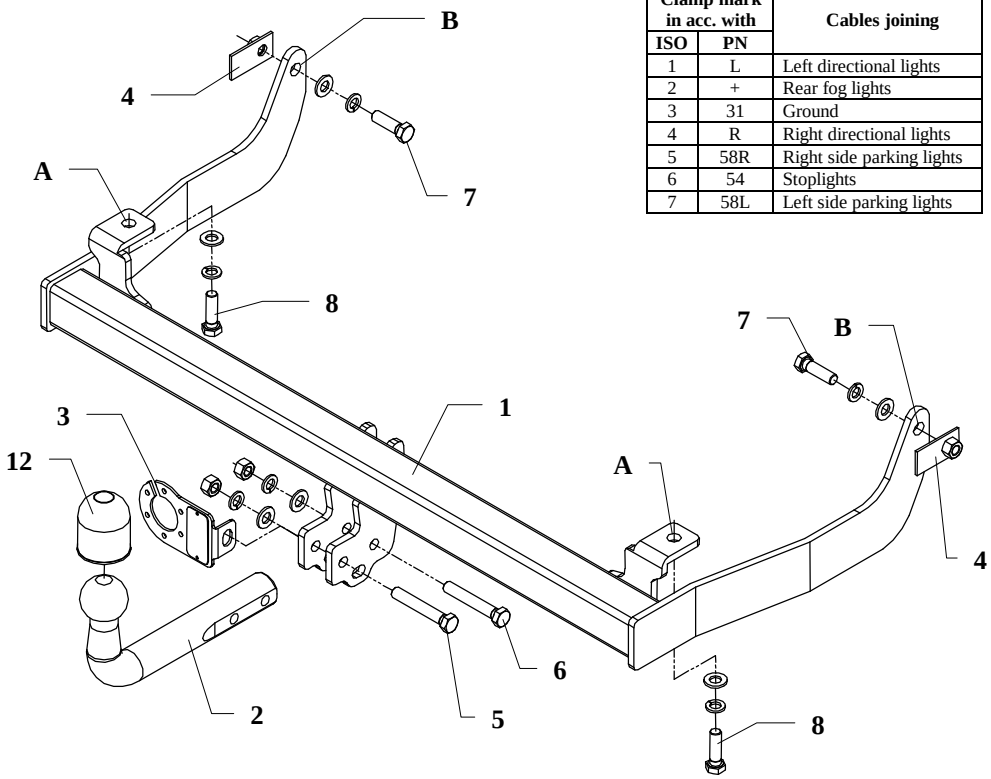
FITTING INSTRUCTION



Clamp mark in acc. with		Cables joining
ISO	PN	
1	L	Left directional lights
2	+	Rear fog lights
3	31	Ground
4	R	Right directional lights
5	58R	Right side parking lights
6	54	Stoplights
7	58L	Left side parking lights

This towing hitch is designed to assembly in following cars: **VOLKSWAGEN CADDY II, SEAT INCA** both produced since 11.1995 till 12.2003, catalogue no. **K31** and is prepared to tow trailers max total weight **1100kg** and max vertical load **50 kg.**

From manufacturer

Thank you for buying our product. Their reliability has been confirmed in many tests. Reliability of towing hitches depends also on correct assembly and right operation. For this reasons we kindly ask to read carefully this instruction and apply to hints.

The towing hitch should be install in points described by a car producer.

The instruction of the assembly

1. Take out a spare wheel.
2. Twist off bolts fastening bumper brackets.
3. Remove elongated, rubber plugs from left and right chassis members. To raised holes put plates with nuts (pos. 4).
4. Put to chassis main bar of towbar (pos. 1) and fix through holes pos. A using bolts M12x1,5x40mm (pos. 8) from equipment.
5. Through holes (pos. B) and original holes fix using bolts M12x40mm pos. 7 from equipment. Use plates with nuts pos. 4.
6. Fix tow-ball (pos. 2) and socket plate (pos. 3) using bolts M12x75mm (pos. 5) and M12x70mm (pos. 6).
7. Tighten all bolts according to the torque shown in the table.
8. Connect electric wires of 7-poles socket according to the instruction of the car. (Recommend to make at authorized service station)
9. Complete paint layer damaged during installation.

Torque settings for nuts and bolts (8,8):

M8	25 Nm	**M10**	55 Nm
M12	85 Nm	**M14**	135 Nm

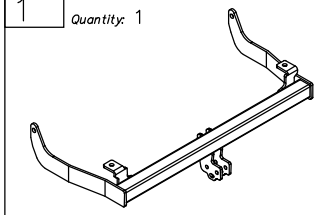
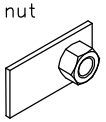
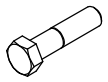
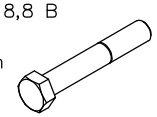
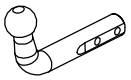
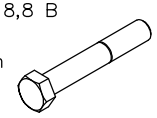
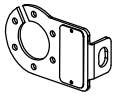
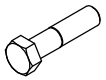
NOTE

After install the towing hitch you should get adequate note in registration book (at authorised service station).The car should be equipped with:

- Indicators
- Tow mirrors

After 1000km check all bolts and nuts. The ball of towing hitch must be always kept clear and conserve with a grease.

Part list:

Pos. 1 — Name: Main bar — Quantity: 1 	Pos. 4 — Name: Plate with nut — Quantity: 2 	Pos. 8 — Name: Bolt 8,8 B — Quantity: 2 — Dim. : M12x1,5x40mm 
	Pos. 5 — Name: Bolt 8,8 B — Quantity: 1 — Dim. : M12x75mm 	Pos. 9 — Name: Nut 8 B — Quantity: 2 — Dim. : M12 
Pos. 2 — Name: Tow ball — Quantity: 1 	Pos. 6 — Name: Bolt 8,8 B — Quantity: 1 — Dim. : M12x70mm 	Pos. 10 — Name: Plain washer — Quantity: 6 — Dim. : ø 13 mm 
Pos. 3 — Name: Socket plate — Quantity: 1 	Pos. 7 — Name: Bolt 8,8 B — Quantity: 2 — Dim. : M12x40mm 	Pos. 11 — Name: Spring washer — Quantity: 6 — Dim. : ø 12,2 mm 
		Pos. 12 — Name: Ball cover — Quantity: 1 

PPUH AUTO-HAK S.J.

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www. autohak.com.pl

Towing hitch (without electrical set)

Class: **A50-X** Cat. no. **K 31**
Designed for:
VOLKSWAGEN CADDY II
SEAT INCA
produced since 11.1995 till 12.2003

Technical data:
D-value: **6,7 kN**
maximum trailer weight: **1100 kg**
maximum vertical cup load: **50 kg**

Approval number according to Directive 94/20/EC: e20*94/20*0209*00

Foreword

This towing hitch is design according to rules of safety traffic regulations. The towing hitch is a safety component and must be installed only by qualified personnel. Any alteration or conversion to the towinh hitch is prohibited and would lead to cancellation of design certification. Remove insulating compound and underseal from vehicle (if present) in the area of the matting surfaces of the towing hitch.
The vehicle manufacturer's specifications regarding trailer load and max. vertical cup load are decisive for driving, and values for the towing hitch must not be exceeded.
D-value formula:

$$\frac{\text{Max trailer weight [kg]} \times \text{Max vehicle weight [kg]}}{\text{Max trailer weight [kg]} + \text{Max vehicle weight [kg]}} \times \frac{9{,}81}{1000} = D\ [\text{kN}]$$