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

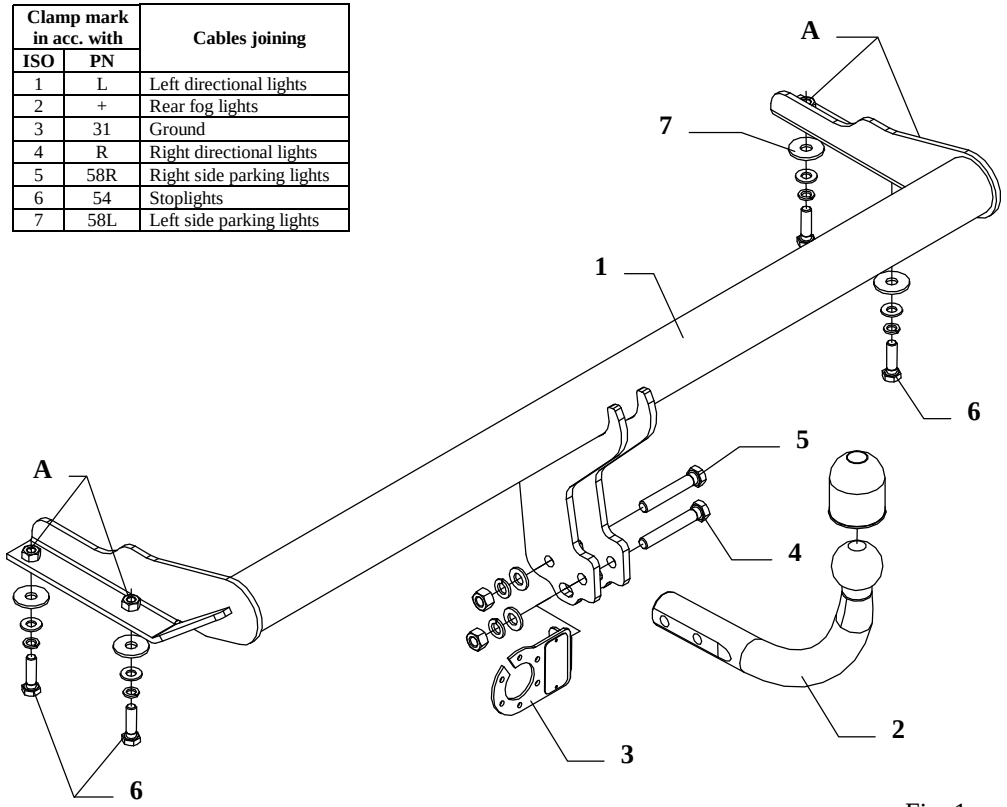


Fig. 1

This towbar is designed to assembly in following cars: **VOLKSWAGEN VENTO, 4 doors,** produced since 1992 till 1998, catalogue no. **K06** and is prepared to tow trailers max total weight **1500 kg** and max vertical load **75 kg**.

From manufacturer

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

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

The instruction of the assembly

1. Disassemble the rear bumper and covers of car frame tunnels on the right and left side.
2. Slide the main bar of the towbar (pos. 1) to the tunnels and fix it through original car holes and towbar holes (pos. A) using bolts M10x35mm (pos. 6) from the towbar accessories. Use washers (pos. 7).
3. Cut the bumper according to fig. 2.
4. Replace the bumper.
5. Fix tow ball (pos. 2) using bolt M12x75mm (pos. 4) and M12x70mm (pos. 5). With bolt M12x75mm fix also a socket plate (pos. 3). See figure 1.
6. Tighten all nuts and bolts according to the torque shown in the table.
7. Connect electric wires of 7-poles socket according to the instruction of the car. (Recommend to make at authorized service station).
8. Complete the paint cover of towbar (during the mounting paint cover could be destroyed).

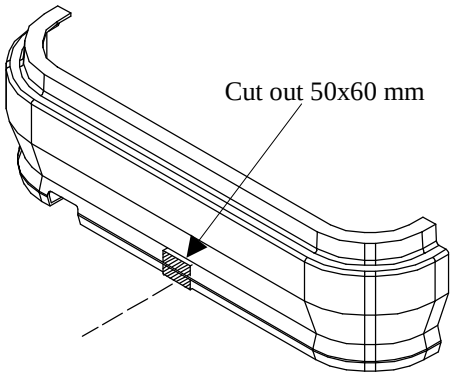


Fig. 2

Torque settings for nuts and bolts (8,8):	
M 8 - 25 Nm	**M 10 -** 55 Nm
M 12 - 85 Nm	**M 14 -** 135 Nm

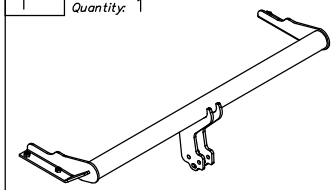
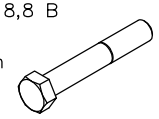
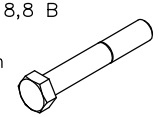
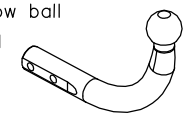
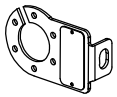
NOTE

After install the towbar 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 towbar must be always kept clear and conserve with a grease.

Towbar accessories:

Pos. 1 — Name: Main bar — Quantity: 1 	Pos. 4 — Name: Bolt 8,8 B — Quantity: 1 — Dim. : M12x75mm 	Pos. 9 — Name: Plain washer — Quantity: 2 — Dim. : ø 13 mm 
	Pos. 5 — Name: Bolt 8,8 B — Quantity: 1 — Dim. : M12x70mm 	Pos. 10 — Name: Plain washer — Quantity: 4 — Dim. : ø 10,5 mm 
Pos. 2 — Name: Tow ball — Quantity: 1 	Pos. 6 — Name: Bolt 8,8 B — Quantity: 4 — Dim. : M10x35mm 	Pos. 11 — Name: Spring washer — Quantity: 2 — Dim. : ø 12,2 mm 
Pos. 3 — Name: Socket plate — Quantity: 1 	Pos. 7 — Name: Washer — Quantity: 4 — Dim. : ø35xø12x3mm 	Pos. 12 — Name: Spring washer — Quantity: 4 — Dim. : ø 10,2 mm 
	Pos. 8 — Name: Nut 8 B — Quantity: 2 — Dim. : M12 	Pos. 13 — Name: Ball cover — Quantity: 1 

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Towing hitch (without electrical set)

Class: **A50-X** Cat. no. **K06**
Designed for:
Manufacturer: **VOLKSWAGEN**
Model: **VENTO**
Type: **4 doors**
produced since 1992 till 1998

Technical data:
D-value: **7,84 kN**
maximum trailer weight: **1500 kg**
maximum vertical cup load: **75 kg**

Approval number acc. to regulations EKG/ONZ 55.01: E20-55R-01 0699

Foreword

This towbar is designed according to rules of safety traffic regulations. The towing hitch is a safety component and can be install only by qualified personnel. Any alteration or conversion of the towing 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 cannot be exceeded.
D-value formula:

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