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

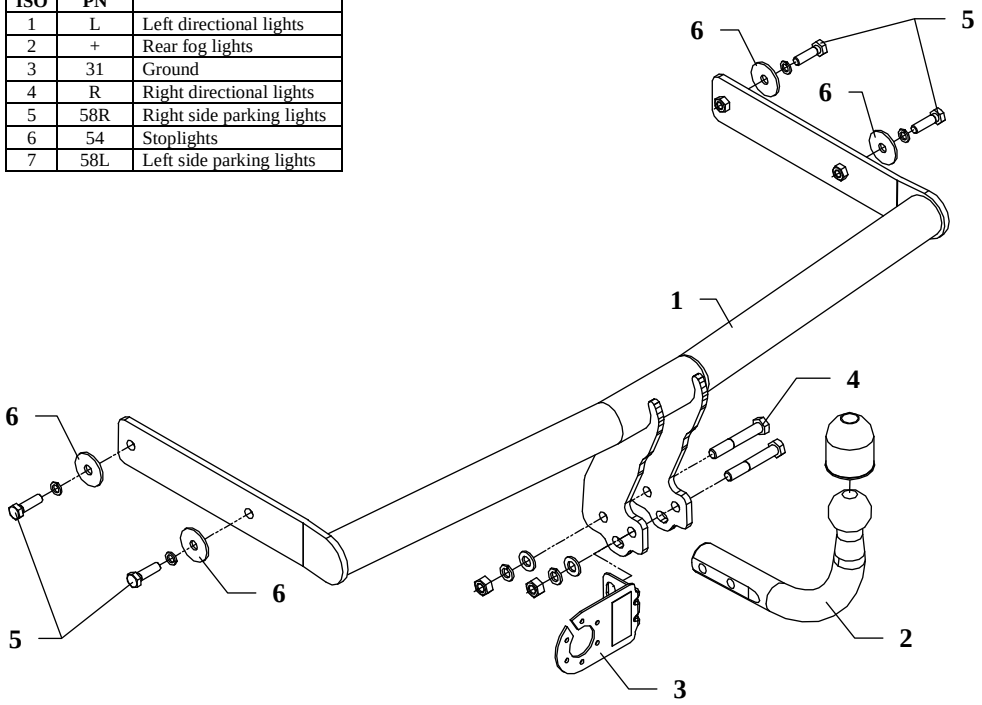


Fig. 1

This towbar is designed to assembly in following cars: **VOLKSWAGEN POLO, 3/5 doors,** produced since 2002 till 05.2005 and since 06.2005 till 06.2009, catalogue no. **K40** and is prepared to tow trailers max total weight **1200 kg** and max vertical load **50 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 then unscrew the metal profile. This profile will not be used any more.
2. Under the conservation layer, beside chassis members, find original holes, which are sealed with the special assembly belt - break it.
3. To chassis members tunnels slide the main bar of the towbar (pos. 1), and then fix it using bolts M10x30mm (pos. 5). Use washers (pos. 6).
4. Fix tow-ball (pos. 2) with socket plate (pos. 3) using bolts M12x75mm (pos. 4) from accessories.
5. Cut the bumper according to fig. 2 and reassemble the bumper.

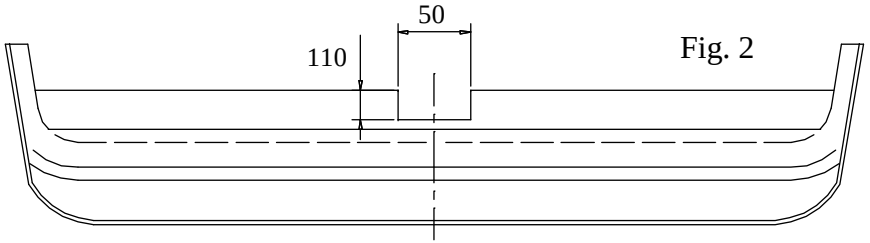


Fig. 2

6. Tighten all 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 paint layer damaged during installation.

Torque settings for nuts and bolts (8,8):		
M6 - 11 Nm	**M8 -** 25 Nm	**M10 -** 50 Nm
M12 - 87 Nm	**M14 -** 138 Nm	**M16 -** 210 Nm

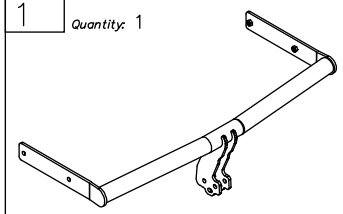
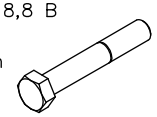
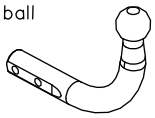
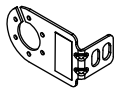
NOTE

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 of exploitation 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: 2 — Dim. : M12x75mm 	Pos. 8 — Name: Plain washer — Quantity: 2 — Dim. : ø 13 mm
	Pos. 5 — Name: Bolt 8,8 B — Quantity: 4 — Dim. : M10x30mm	Pos. 9 — Name: Plain washer — Quantity: 4 — Dim. : ø 10,5 mm
Pos. 2 — Name: Tow ball — Quantity: 1 	Pos. 6 — Name: Washer — Quantity: 4 — Dim. : ø42xø13x3mm	Pos. 10 — Name: Spring washer — Quantity: 2 — Dim. : ø 12,2 mm
Pos. 3 — Name: Socket plate — Quantity: 1 	Pos. 7 — Name: Nut 8 B — Quantity: 2 — Dim. : M12	Pos. 11 — Name: Spring washer — Quantity: 4 — Dim. : ø 10,2 mm
		Pos. 12 — Name: Ball cover — Quantity: 1

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Towing hitch (without electrical set)

Class: **A50-X** Cat. no. **K40**
Designed for:
Manufacturer: **VOLKSWAGEN**
Model: **POLO**
Type: **3/5 doors**
produced since 2002 till 05.2005 and
since 06.2005 till 06.2009

Technical data:
D-value: **6,83 kN**
maximum trailer weight: **1200 kg**
maximum vertical cup load: **50 kg**

Approval number acc. to regulations EKG/ONZ 55.01: E20-55R-01 0700

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 whereat values for the towing hitch cannot be exceeded.
D-value formula:

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