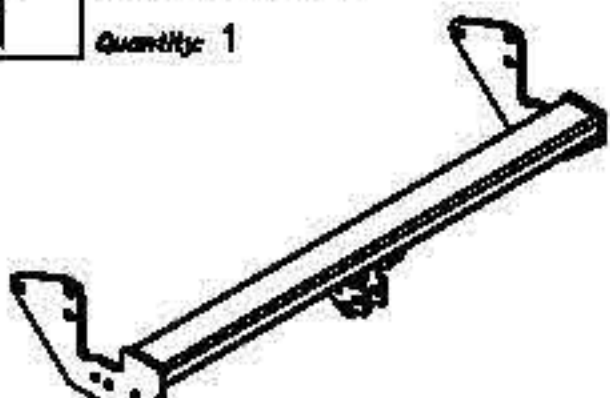
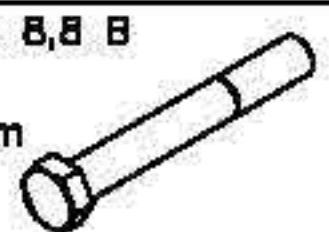
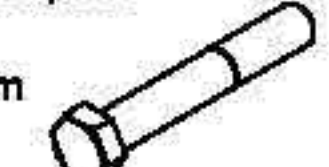
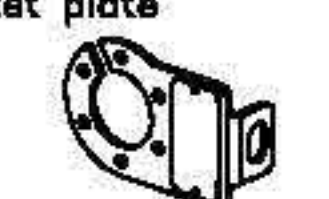
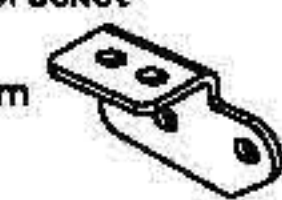


Towbar accessories:

Pos. 1	Name: Main bar Quantity: 1 	Pos. 5	Name: Left bracket Quantity: 1 Dim.: 130x75x52mm 	Pos. 10	Name: Nut 8 B Quantity: 8 Dim.: M10 
		Pos. 6	Name: Bolt 8,8 B Quantity: 6 Dim.: M12x90mm 	Pos. 11	Name: Plain washer Quantity: 8 Dim.: Ø 13 mm 
Pos. 2	Name: Tow ball Quantity: 1 	Pos. 7	Name: Bolt 8,8 B Quantity: 2 Dim.: M12x75mm 	Pos. 12	Name: Plain washer Quantity: 10 Dim.: Ø 10,5 mm 
Pos. 3	Name: Socket plate Quantity: 1 	Pos. 8	Name: Bolt 8,8 B Quantity: 10 Dim.: M10x35mm 	Pos. 13	Name: Spring washer Quantity: 8 Dim.: Ø 12,2 mm 
Pos. 4	Name: Right bracket Quantity: 1 Dim.: 130x75x52mm 	Pos. 9	Name: Nut 8 B Quantity: 8 Dim.: M12 	Pos. 14	Name: Spring washer Quantity: 10 Dim.: Ø 10,2 mm 
				Pos. 15	Name: Ball cover Quantity: 1 

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Towing hitch (without electrical set)

Class: A50-X Cat. no. **D30**

Designed for:

Manufacturer: **MERCEDES**

Model: **VITO WSA 639 and VIANO**

produced since 09.2003

Technical data:

D-value: **11,7 kN**

maximum trailer weight: **2000 kg**

maximum vertical cup load: **100 kg**

Approval number acc. to regulations EKG/ONZ 55.01: **E20-55R-01 1134**

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:

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

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

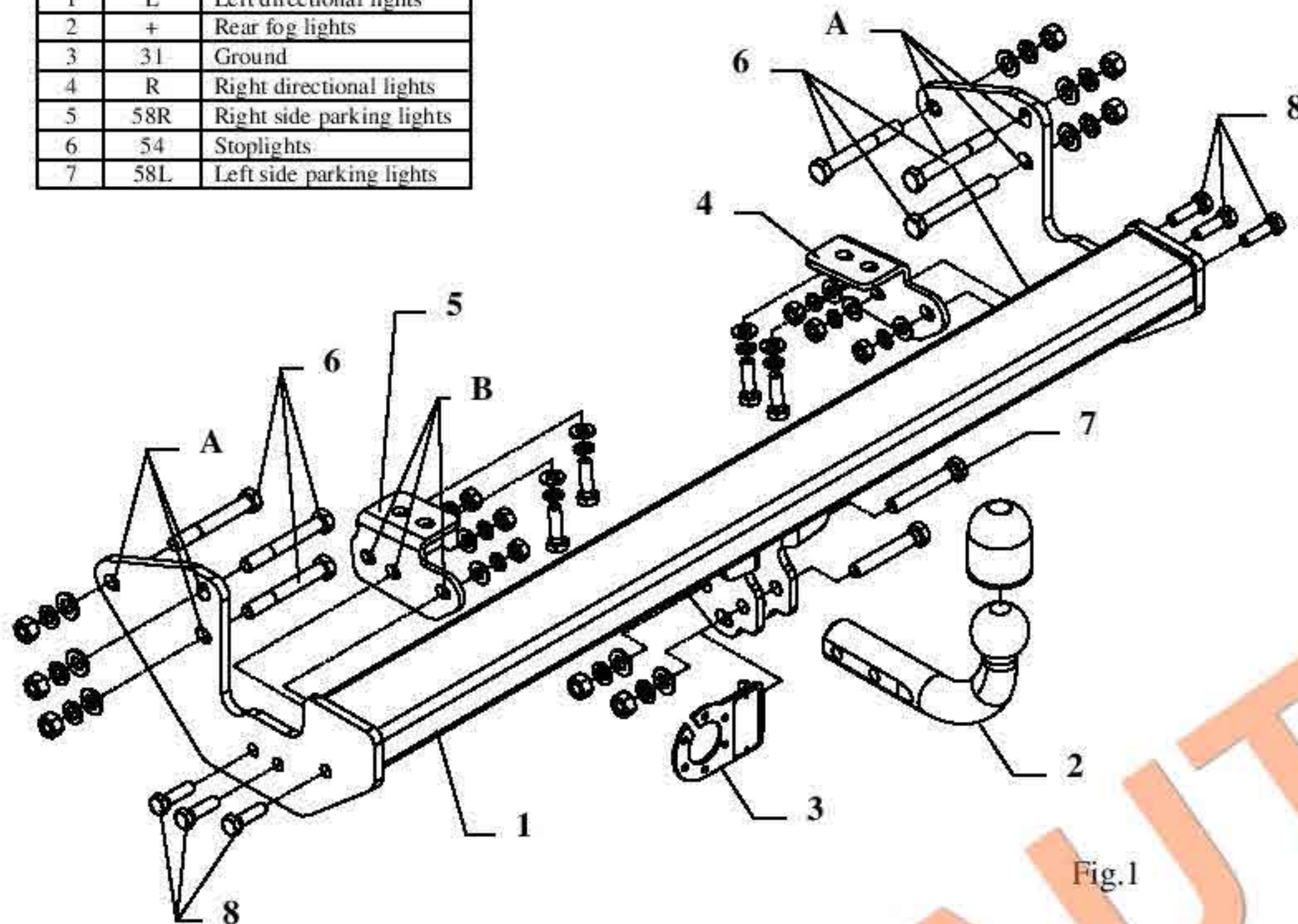


Fig.1

This towbar is designed to assembly in following cars:
MERCEDES VITO WSA 639 and MERCEDES VIANO, produced since 09.2003, catalogue no. **D30** and is prepared to tow trailers max total weight **2000 kg** and max vertical load **100 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.

INSTRUCTIUNI MONTAJ

1. Dezasamblarea barei de protecție și mânerul de remorcare originale (nu mai este utilizat).
2. Pune bara de principal al barei de remorcare (poz. 1), în acest mod, astfel încât găurile (poz. A) sunt de acord cu găuri în cadru auto și fixați cu șuruburi M12x90mm (poz. 6).
3. Suportul (poz. 4 și 5) fixează traversele bar și prin găurile (Poz. B), fixa cu bara principală (poz. 1), cu ajutorul șuruburilor M10x35mm (poz. 8).

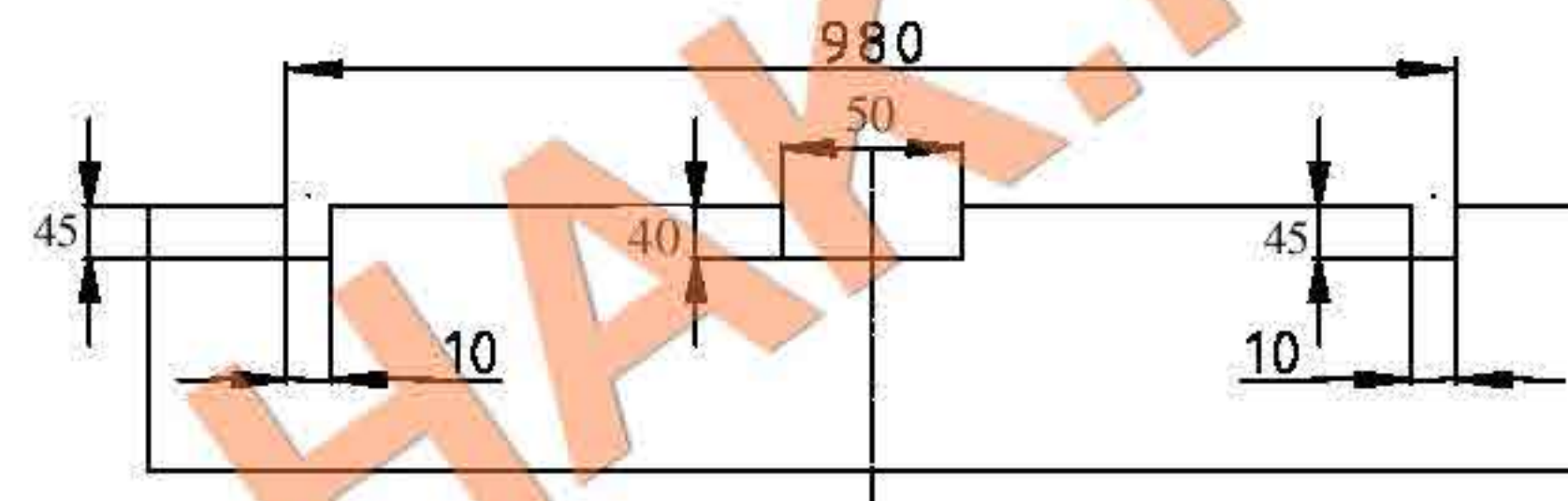


Fig.2

4. Fixați bara de protecție după ce taie fragmentul său - vezi fig. 2 (în interior, parcul central).
5. Fix-remorcare-bilă (poz. 2) și placa de soclu (poz. 3), cu ajutorul șuruburilor M12x75mm (Poz. 7), de la accesorii.
6. Strângeți toate șuruburile conform cuplului indicat în tabel.
7. Conectați cablurile electrice de la priză cu 7 poli de conform instrucțiunilor de masina. (Recomandat pentru a face la stația de service autorizat).

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 of exploitation check all bolts. The ball of towbar must be always kept clear and conserve with a grease.