

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	Stoptights
7	58L	Left side parking lights

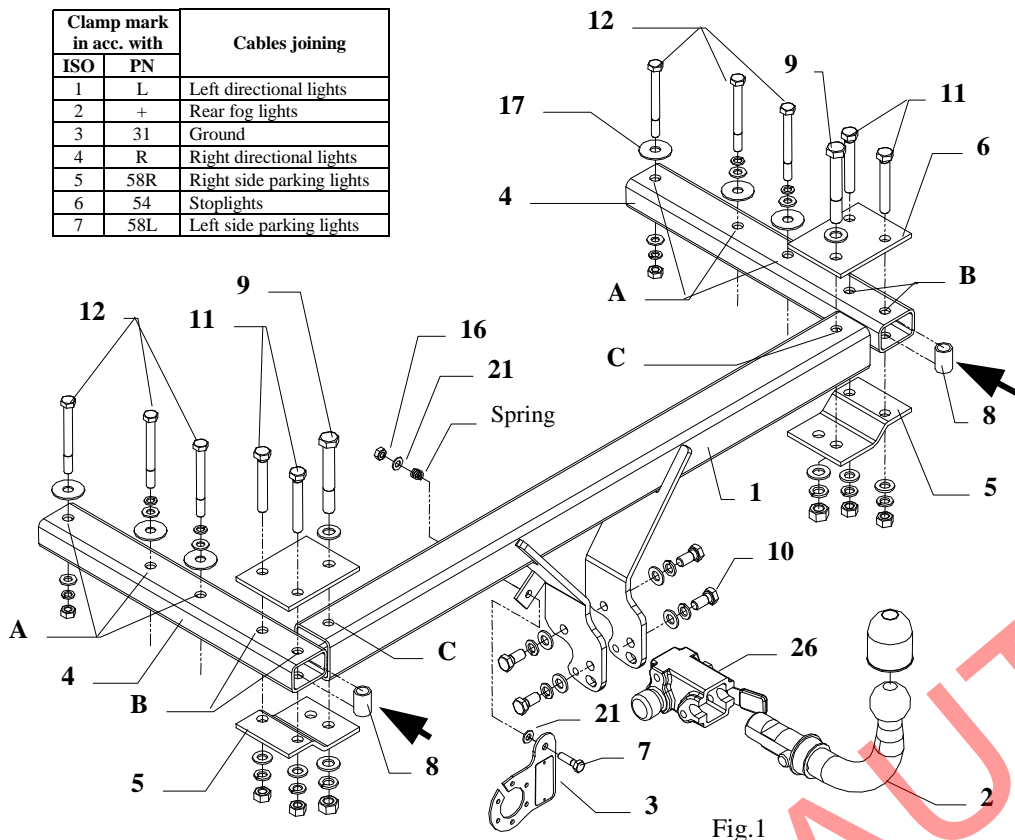


Fig.1

This towbar is designed to assembly in following cars:
VW PASSAT Sedan Syncro 4x4 produced since 10.1996 till 09.2000,
VW PASSAT Sedan 4-Motion 4x4 produced since 10.2000 till 12.2004,
VW PASSAT Estate Syncro 4x4 produced since 05.1997 till 09.2000,
VW PASSAT Estate, Motion 4x4 produced since 10.2000 till 12.2004,
 catalogue no. **K43A** and is prepared to tow trailers max total weight **2200 kg** and max vertical load **85 kg**.

DE PRODUCATOR:

Vă mulțumim pentru achiziționarea produsului nostru. Fiabilitatea acestor produse a fost confirmată în numeroase teste. Fiabilitatea produselor depinde de asemenea și de asamblarea corectă și în ordinea specificată în aceste instrucțiuni. Din acest motive va rugăm să citiți cu atenție instrucțiunile și să le urmați întocmai. Bara de tractare trebuie să fie instalată în punctele descrise de producătorul autovehiculului.

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

The instruction of the assembly

1. Disassemble bumper and metal reinforcement (not used any more).
2. To chassis members slip elements (pos. 4) in this way, so holes (pos. A) agree with holes in a car and fix using bolts M10x100mm – pos. 12 (loosely) – see figure.
3. To elements (pos. 4) through holes (pos. B) fix elements pos. 5 and 6 and sleeve (pos. 8) using bolts M12x80mm – pos. 11 (loosely).
4. To in this way prepared elements fix the main bar of towbar (pos. 1) and screw through holes (pos. C) with bolts M14x100mm (pos. 9).
5. Tighten all bolts according to the torque shown in the table.
6. Assemble the bumper after cut out his fragment in lower part.
7. Fix body of the automat (pos. 26) using bolts M12x25mm (pos. 10) from accessories. Place tow-ball (pos. 2) according to supplied instruction.
8. Fix the socket plate (pos. 3) as shown on the drawing.
9. Connect electric wires of 7-poles socket according to the instruction of the car. (Recommend to make at authorized service station)
10. Complete the paint coating 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

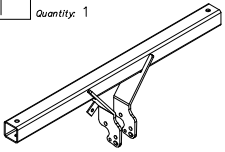






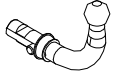







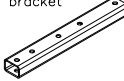



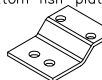



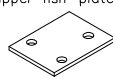



NOTE

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. 7 Name: Bolt 8,8 B Quantity: 1 Dim.: M8x30mm 	Pos. 14 Name: Nut 8 B Quantity: 4 Dim.: M12 	Pos. 21 Name: Plain washer Quantity: 2 Dim.: Ø8,3 mm 
	Pos. 8 Name: Distance sleeve Quantity: 2 	Pos. 15 Name: Nut 8 B Quantity: 2 Dim.: M10 	Pos. 22 Name: Spring washer Quantity: 2 Dim.: Ø14,2 mm 
Pos. 2 Name: Tow ball Quantity: 1 	Pos. 9 Name: Bolt 8,8 B Quantity: 2 Dim.: M14x100mm 	Pos. 16 Name: Nut 8 B Quantity: 1 Dim.: M8 	Pos. 23 Name: Spring washer Quantity: 8 Dim.: Ø12,2 mm 
Pos. 3 Name: Socket plate Quantity: 1 	Pos. 10 Name: Bolt 8,8 B Quantity: 4 Dim.: M12x25mm 	Pos. 17 Name: Washer Quantity: 6 Dim.: Ø40xØ12x2mm 	Pos. 24 Name: Spring washer Quantity: 6 Dim.: Ø10,2 mm 
Pos. 4 Name: Side bracket Quantity: 2 	Pos. 11 Name: Bolt 8,8 B Quantity: 4 Dim.: M12x80mm 	Pos. 18 Name: Plain washer Quantity: 4 Dim.: Ø15 mm 	Pos. 25 Name: Ball cover Quantity: 1 
Pos. 5 Name: The bottom fish-plate Quantity: 2 	Pos. 12 Name: Bolt 8,8 B Quantity: 6 Dim.: M10x100mm 	Pos. 19 Name: Plain washer Quantity: 8 Dim.: Ø13 mm 	Pos. 26 Name: Body of the automat Quantity: 1 
Pos. 6 Name: The upper fish-plate Quantity: 2 	Pos. 13 Name: Nut 8 B Quantity: 2 Dim.: M14 	Pos. 20 Name: Plain washer Quantity: 6 Dim.: Ø10,5 mm 	Pos. 27 Name: Body plug Quantity: 1 



Tel: +40 745.805.990 / +40 737.122.471

Email: autogedal@gmail.com

office@auto-hak.ro

Web Page: www.auto-hak.ro

Carlig remorcare Volkswagen Passat 1996-2005 demontabil automat Auto-Hak

Class: A50-X Cat. no. K43A

Designed for:

VW PASSAT Sedan Syncro 4x4

– produced since 10.1996 till 09.2000

VW PASSAT Sedan 4-Motion 4x4

– produced since 10.2000 till 12.2004

VW PASSAT Estate Syncro 4x4

– produced since 05.1997 till 09.2000

VW PASSAT Estate Motion 4x4

– produced since 10.2000 till 12.2004

Technical data:

D-value: 11,3 kNmaximum trailer weight: **2200 kg**maximum vertical cup load: **85 kg**

Approval number according to Directive 94/20/EC: e20*94/20*1159*00

Acesta bara de tractare este proiectata în conformitate cu normele de siguranță ale regulilor de circulație. Carligul de tractare este o componentă de siguranță și poate fi instalata numai de personal calificat. Orice modificare sau transformare facuta asupra cârligului de remorcare este interzisă și va duce la anularea certificării produsului. Indepartați materialul izolator de sub vehicul (dacă există) in zona de montare a ansamblului. Specificatiile de produs ale autovehiculului referitor la greutatea admisa pe vehicul, sunt extrem de importante. In acelasi timp, sarcina admisa pentru cârligul de remorcare nu poate fi depășită si poate fi calculata folosind relatia:

$$\frac{\text{Masa maxima a remorcii [kg]} \times \text{Masa maxima a masinii[kg]}}{\text{Masa maxima a remorcii [kg]} + \text{Masa maxima a masinii[kg]}} \times \frac{9,81}{1000} = D \text{ [kN]}$$