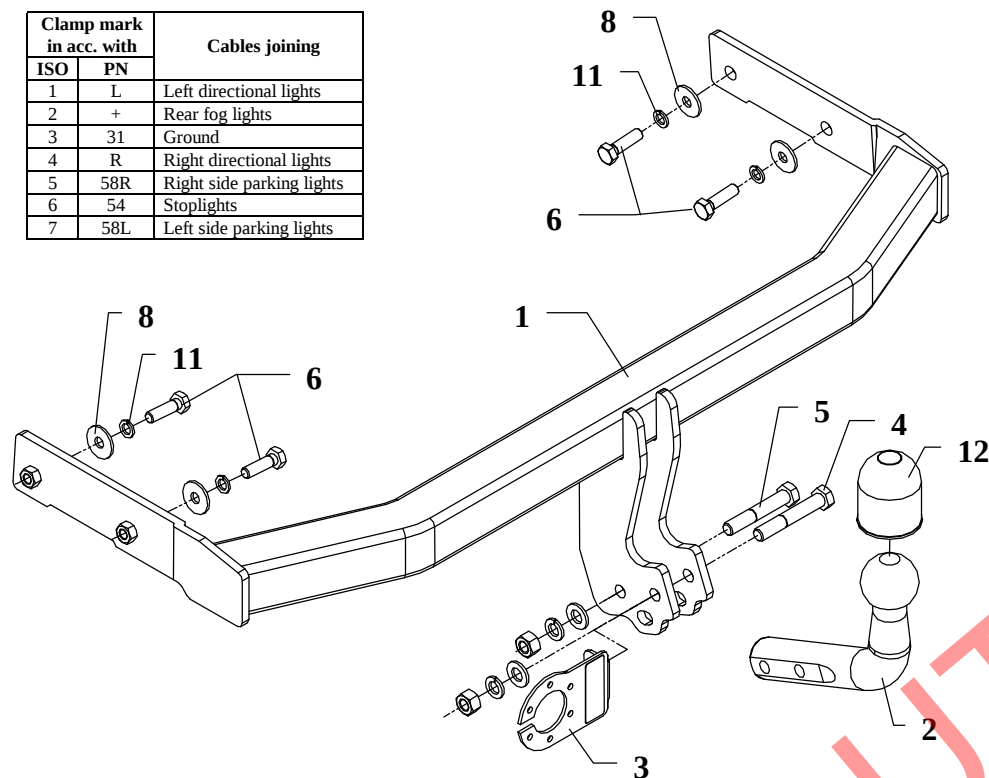


FITTING INSTRUCTION

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 towbar is designed to assembly in following cars:
VOLKSWAGEN LUPO, 3 doors, produced since 1998 till 2005 and
SEAT AROSA, 3 doors, produced since 1997 till 2000 and since 2000 till 2004, catalogue no. **K07** and is prepared to tow trailers max total weight **850 kg** and max vertical load **50 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 the bumper and its metal part (this part will not be used any more).
2. Lower the muffler, reassemble its support and thermal shield.
3. Disassemble plastic fuel pipes on the right side, then deflect them, it help us to get to the place where the towbar is going to be mounted.
4. Find original holes aside the chassis members (they are cover with tape)
5. Slide the main bar of the towbar (pos. 1) to chassis members, then fix it using bolts M10x35mm (pos. 6) and big washers (pos. 8).
6. Cut the bumper according to the fig. 2.
7. Reassemble the bumper.
8. 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.
9. Tighten all bolts according to the torque shown in the table.
10. Connect electric wires of 7-poles socket according to the instruction of the car. (Recommend to make at authorized service station)
11. Complete the paint layer of towbar (during the mounting paint layer could be damaged).

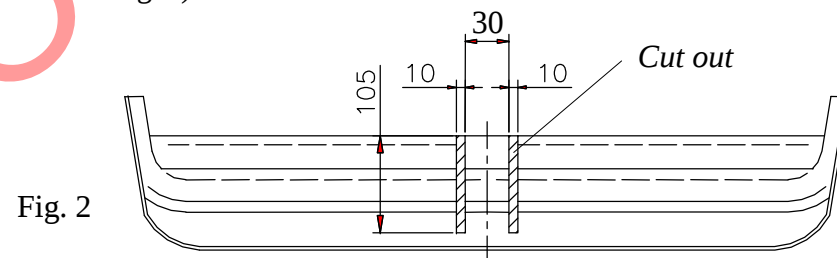


Fig. 2

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

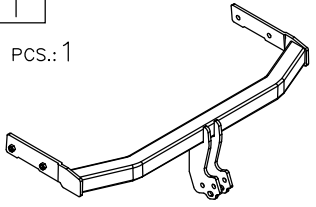
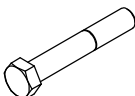
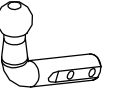
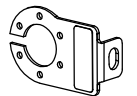
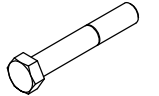
NOTE

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	Main bar 	Pos. 5	Bolt 8,8 B M12x70mm 	Pos. 10	Spring washer ø12,2mm 
PCS.: 1		PCS.: 1		PCS.: 2	
Pos. 2	Tow ball 	Pos. 6	Bolt 8,8 B M10x35mm 	Pos. 11	Spring washer ø10,2mm 
PCS.: 1		PCS.: 4		PCS.: 4	
Pos. 3	Socket plate 	Pos. 7	Nut 8 B M12 	Pos. 12	Ball cover 
PCS.: 1		PCS.: 2		PCS.: 1	
Pos. 4	Bolt 8,8 B M12x75mm 	Pos. 8	Plain washer ø30xø10,5x2,5mm 		
PCS.: 1		PCS.: 4			
		Pos. 9	Plain washer ø13mm 		
		PCS.: 2			



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Carlig remorcare Volkswagen Lupo 1998-2005 semidemontabil Auto-Hak

Class: A50-X Cat. no. **K07**

Designed for:

VOLKSWAGEN LUPO, 3 doors,

produced since 1998 till 2005

and

SEAT AROSA, 3 doors,

produced since 1997 till 2000 and since 2000 till 2004

Technical data:

D-value: 5,08 kNmaximum trailer weight: **850 kg**maximum vertical cup load: **75 kg****Approval number acc. to regulations EKG/ONZ 55.01: E20-55R-01 0840**

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:

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