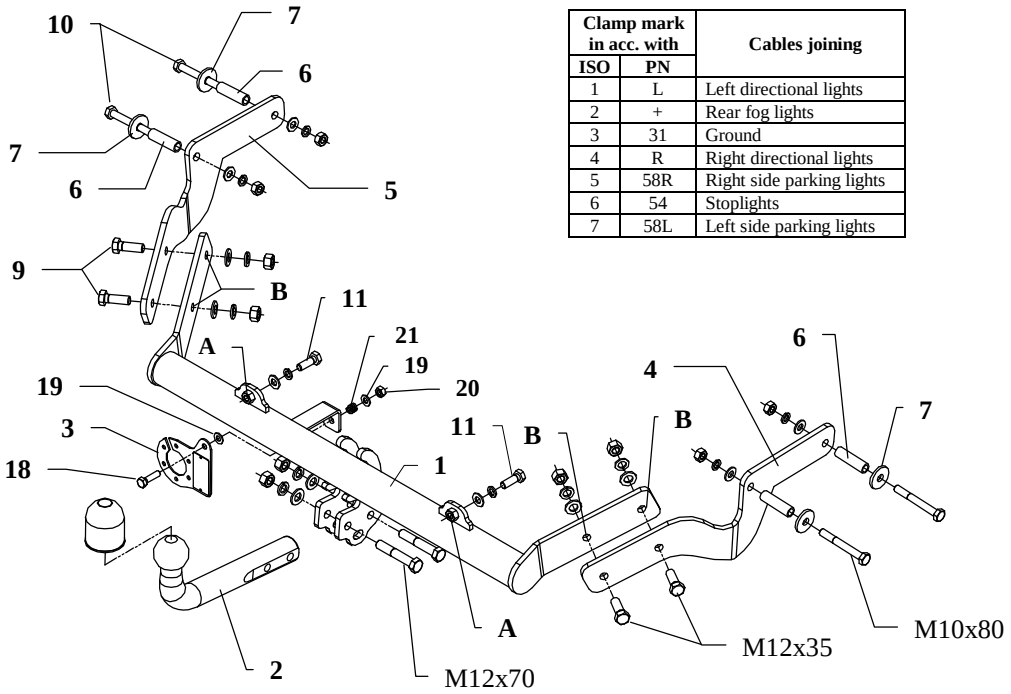
FITTING INSTRUCTION



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: **PEUGEOT PARTNER** and **CITROEN BERLINGO** produced since 1997 till 01.2008, catalogue no. **F13** and is prepared to tow trailers max total weight **1100 kg** and max vertical load **70 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. Remove the spare wheel.
2. Below of the bumper place the main bar of the towbar (pos. 1) and then fix with M10x30mm bolts (pos. 11) to holes in the back panel and in holes pos. A.
3. Slide distance sleeves (pos. 6) outside the chassis and then fix side brackets (pos. 4 and 5) with M10x80mm bolts (pos. 10) with big washers (pos. 7) from the towbar accessories.
4. Fix the bar (pos. 1) with side brackets (pos. 4 and 5) using bolts M12x35mm through holes pos. B.
5. Fix tow-ball (pos. 2) using bolts M12x70mm (pos. 7) from accessories.
6. Fix the socket plate (pos. 3) as shown on the drawing.
7. Tighten all nuts and bolts according the torque shown in the table
8. Connect the electric wires according to the instructions of the car
9. Complete the paint cover of towbar (during the mounting paint cover could be destroyed).

Torque settings for nuts and bolts (8,8):

M 8	25 Nm	**M 10**	55 Nm
M 12	85 Nm	**M 14**	135 Nm

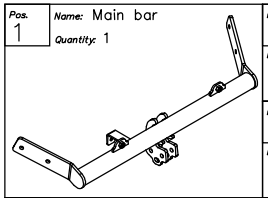
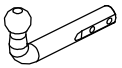
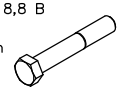
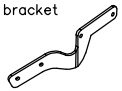
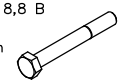
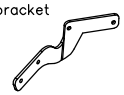
NOTE

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. 6 Name: Distance sleeve Quantity: 4 Dim. : ø15xø11mm L=52mm 	Pos. 12 Name: Nut 8 B Quantity: 6 Dim. : M12 	Pos. 18 Name: Bolt 8,8 B Quantity: 1 Dim. : M8x30mm 
	Pos. 7 Name: Washer Quantity: 4 Dim. : ø35xø12x4mm 	Pos. 13 Name: Nut 8 B Quantity: 4 Dim. : M10 	Pos. 19 Name: Plain washer Quantity: 2 Dim. : ø 8,5 mm 
Pos. 2 Name: Tow ball Quantity: 1 	Pos. 8 Name: Bolt 8,8 B Quantity: 2 Dim. : M12x70mm 	Pos. 14 Name: Plain washer Quantity: 6 Dim. : ø 13 mm 	Pos. 20 Name: Nut 8 B Quantity: 1 Dim. : M8 
Pos. 3 Name: Socket plate Quantity: 1 	Pos. 9 Name: Bolt 8,8 B Quantity: 4 Dim. : M12x35mm 	Pos. 15 Name: Plain washer Quantity: 6 Dim. : ø 10,5 mm 	Pos. 21 Name: Spring Quantity: 1 
Pos. 4 Name: Right bracket Quantity: 1 	Pos. 10 Name: Bolt 8,8 B Quantity: 4 Dim. : M10x80mm 	Pos. 16 Name: Spring washer Quantity: 6 Dim. : ø 12,2 mm 	Pos. 22 Name: Ball cover Quantity: 1 
Pos. 5 Name: Left bracket Quantity: 1 	Pos. 11 Name: Bolt 8,8 B Quantity: 2 Dim. : M10x30mm 	Pos. 17 Name: Spring washer Quantity: 6 Dim. : ø 10,2 mm 	

PPUH AUTO-HAK S.J.

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Towing hitch (without electrical set)

Class: **A50-X** Cat. no. **F13**
Designed for:
PEUGEOT PARTNER
CITROEN BERLINGO
both produced since 1997 till 01.2008

Technical data:
D-value: **6,86 kN**
maximum trailer weight: **1100 kg**
maximum vertical cup load: **70 kg**

Approval number according to Directive 94/20/EC: e20*94/20*0028*00

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:

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