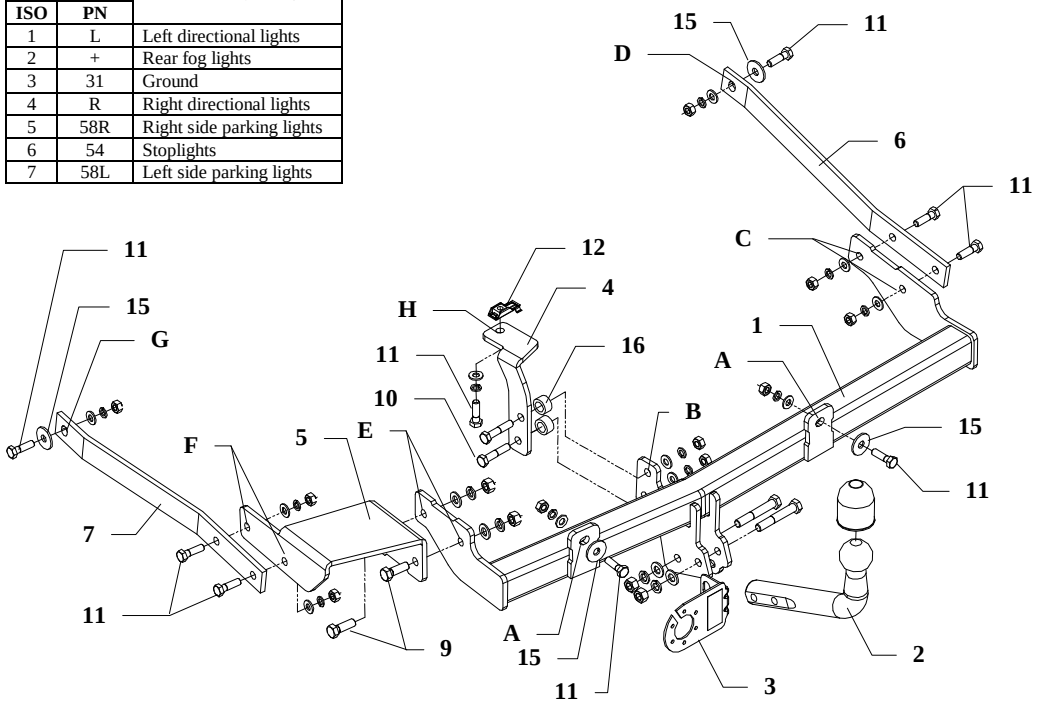
FITTING INSTRUCTION

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:
CITROEN XANTIA ESTATE produced since 1995 till 2000, catalogue no. **P17** and is prepared to tow trailers max total weight **1500 kg** and max vertical load **85 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.

Fitting instructions

1. Disassemble the rear bumper and take out spare wheel.
2. Put main bar of the towbar (pos. 1) to rear parto f the car (from inside) and through holes pos. A fix it by bolts M10x35mm (pos. 11) and big washer (pos. 15) as show on the drawing. Fix loosely.
3. Through holes pos. C fix right arm (pos. 6) using bolts M10x35mm (pos. 11) next through hole pos. D of element pos. 6 fix to the original holes in the car using bolts M10x35mm (pos. 11) and big washer (poz. 15), as shown on the drawing.
4. Through holes pos. E fix join element (pos. 5) by bolts M12x35mm (pos. 9), loosely.
5. Through holes pos. F fix elements 5 and 7 as show on the drawing using bolts M10x35mm (pos. 11) and next through hole pos. G of element 7 fix with original holes in the car using bolts M10x35mm (pos. 11) and big washer (pos. 15.
6. Fix central bracket pos. 4 through holes pos. B and distance sleeves pos. 16 with main bar using bolts M10x50mm (pos. 10). Through hole pos. H fix to caget nut pos. 12 by bolt M10x35mm (caget nut put into the central chassis member in advance) .
7. Tighten all bolts according to the torque shown in the table.
8. Fix tow-ball (pos. 2) and socket plate (pos. 3) by bolts M12x75mm (pos. 8) from accessories.
9. Connect electric wires of 7-poles socket according to the instruction of the car. (Recommend to make at authorized service station)
10. Complete paint layer damaged during installation.

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

M8	25 Nm	**M10**	55 Nm
M12	85 Nm	**M14**	135 Nm

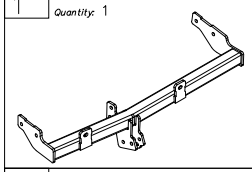
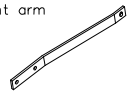
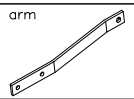
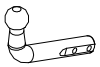
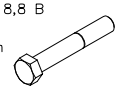
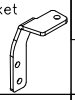
NOTE

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: Right arm Quantity: 1 	Pos. 12 Name: Caget nut Quantity: 1 Dim. : M10 	Pos. 18 Name: Plain washer Quantity: 11 Dim. : Ø 10,5 mm 
	Pos. 7 Name: Left arm Quantity: 1 	Pos. 13 Name: Nut 8 B Quantity: 4 Dim. : M12 	Pos. 19 Name: Spring washer Quantity: 4 Dim. : Ø 12,2 mm 
Pos. 2 Name: Tow–ball Quantity: 1 	Pos. 8 Name: Bolt 8,8 B Quantity: 2 Dim. : M12x75mm 	Pos. 14 Name: Nut 8 B Quantity: 10 Dim. : M10 	Pos. 20 Name: Spring washer Quantity: 11 Dim. : Ø 10,2 mm 
Pos. 3 Name: Socket plate Quantity: 1 	Pos. 9 Name: Bolt 8,8 B Quantity: 2 Dim. : M12x35mm 	Pos. 15 Name: Washer Quantity: 4 Dim. : Ø35xØ12x3mm 	Pos. 21 Name: Ball cover Quantity: 1 
Pos. 4 Name: Central bracket Quantity: 1 	Pos. 10 Name: Bolt 8,8 B Quantity: 2 Dim. : M10x50mm 	Pos. 16 Name: Distance sleeve Quantity: 2 Dim. : Ø25xØ17x14mm 	
Pos. 5 Name: Join element Quantity: 1 	Pos. 11 Name: Bolt 8,8 B Quantity: 9 Dim. : M10x35mm 	Pos. 17 Name: Plain washer Quantity: 4 Dim. : Ø 13 mm 	

PPUH AUTO-HAK S.J.

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www. autohak.com.pl

Towing hitch (without electrical set)

Class: **A50-X** Cat. no. **P17**
Designed for:
Manufacturer: **CITROEN**
Model: **XANTIA**
Type: **ESTATE**
produced since 1995 till 2000

Technical data:
D-value: **8,35 kN**
maximum trailer weight: **1500 kg**
maximum vertical cup load: **85 kg**

Approval number according to Directive 94/20/EC: e20*94/20*0246*00

Foreword

This towbar is designed according to rules of safety traffic regulations. The towing hitch is a safety component and must be installed only by qualified personnel. Any alteration or conversion to 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 must not be exceeded.
D-value formula:

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