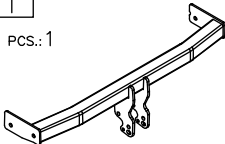





















## Towbar accessories:

Pos. 1 Main bar PCS.: 1 	Pos. 6 Jib with nuts I PCS.: 1 	Pos. 12 Plain washer ø30xø10,5x2,5mm PCS.: 2 	Pos. 18 Nut 8 B M12 PCS.: 2 
	Pos. 7 Jib with nuts II PCS.: 1 	Pos. 13 Plain washer ø10mm PCS.: 2 	Pos. 19 Nut 8 B M10 PCS.: 2 
Pos. 2 Tow ball (montage set) PCS.: 1 	Pos. 8 Bolt 8,8 B M12x35mm PCS.: 4 	Pos. 14 Plain washer ø24xø8,4x2mm PCS.: 4 	Pos. 20 Ball cover PCS.: 1 
Pos. 3 Socket plate pcs.: 1 	Pos. 9 Bolt 8,8 B M10x35mm PCS.: 2 	Pos. 15 Spring washer ø12,2mm PCS.: 4 	
Pos. 4 Right bracket pcs.: 1 	Pos. 10 Bolt 8,8 B M8x40mm PCS.: 4 	Pos. 16 Spring washer ø10mm PCS.: 2 	
Pos. 5 Left bracket pcs.: 1 	Pos. 11 Plain washer ø13mm PCS.: 4 	Pos. 17 Spring washer ø8mm PCS.: 4 	



**PPUH AUTO-HAK Sp.J.**

Produkcja Zaczepów Kulowych  
Henryk & Zbigniew Nejman  
76-200 SŁUPSK ul. Słoneczna 16K  
tel/fax (059) 8-414-414; 8-414-413  
E-mail: [office@autohak.com.pl](mailto:office@autohak.com.pl)  
[www.autohak.com.pl](http://www.autohak.com.pl)

## Towing hitch (without electrical set)

Class: **A50-X** Cat. no. **R25A**

Designed for:

Manufacturer: **FIAT**

Model: **PUNTO II**

Type: **3/5 door**

produced since 09.1999 till 09.2005

Technical data:

**D-value: 7,16 kN**

maximum trailer weight: **1200 kg**

maximum vertical cup mass: **60 kg**

**Approval number according to Directive 94/20/EC: e20\*94/20\*0887\*00**

## Foreword

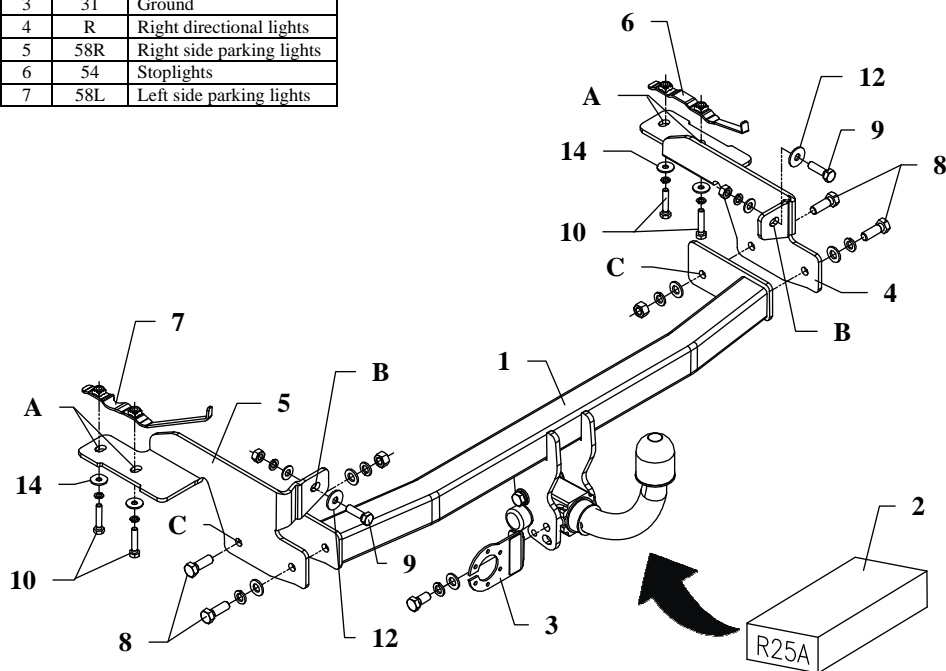
This towbar is designed according to rules of safety traffic regulations. The towing hitch is a safety component and can be install only by qualified personnel. Any alteration or conversion of the towing hitch is prohibited and would lead to cancellation of design certification. Remove insulating compound 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:*

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

## 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	Stoptlights
7	58L	Left side parking lights



This towbar is designed to assembly in following cars:  
**FIAT PUNTO II, 3/5 door**, produced since 09.1999 till 09.2005, catalogue no. **R25A** and is prepared to tow trailers max total weight **1600 kg** and max vertical mass **60 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. Disassemble the rear bumper.
2. Lower the silencer and unscrew the thermal sheet.
3. Take plastic covers out the bottom part of chassis members.
4. Under the conservation layer in the luggage part (please look for it in the nearest part of rear car`s side), find elongated holes at the left and right side. Slide special elements with nuts (pos. 6 and 7) there.
5. Apply left bracket (pos. 5) to the left chassis member, and right bracket (pos. 4) to the right one, then fit these elements to slided earlier nuts (pos. 6 and 7) through holes A, and next fit them to the rear panel through holes B.
6. Drill holes of supports C (use bit  $\phi 12,5\text{mm}$ ).
7. Fix the main bar of the towbar (pos. 1) to brackets (pos. 4 and 5) with bolts M12x35mm (pos. 8).
8. Fix body of the automat and the socket plate (pos. 3) using bolts M12 from accessories. Place tow-ball (pos. 2) according to supplied instruction.
9. Replace the silencer, the thermal sheet and the bumper.
10. Tighten all bolts according to the torque shown in the table.
11. Connect electric wires of 7-poles socket according to the instruction of the car. (Recommend to make at authorized service station).
12. Complete paint layer damaged during installation.

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

<b>M6</b> - 11 Nm	<b>M8</b> - 25 Nm	<b>M10</b> - 50 Nm
<b>M12</b> - 87 Nm	<b>M14</b> - 138 Nm	<b>M16</b> - 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.