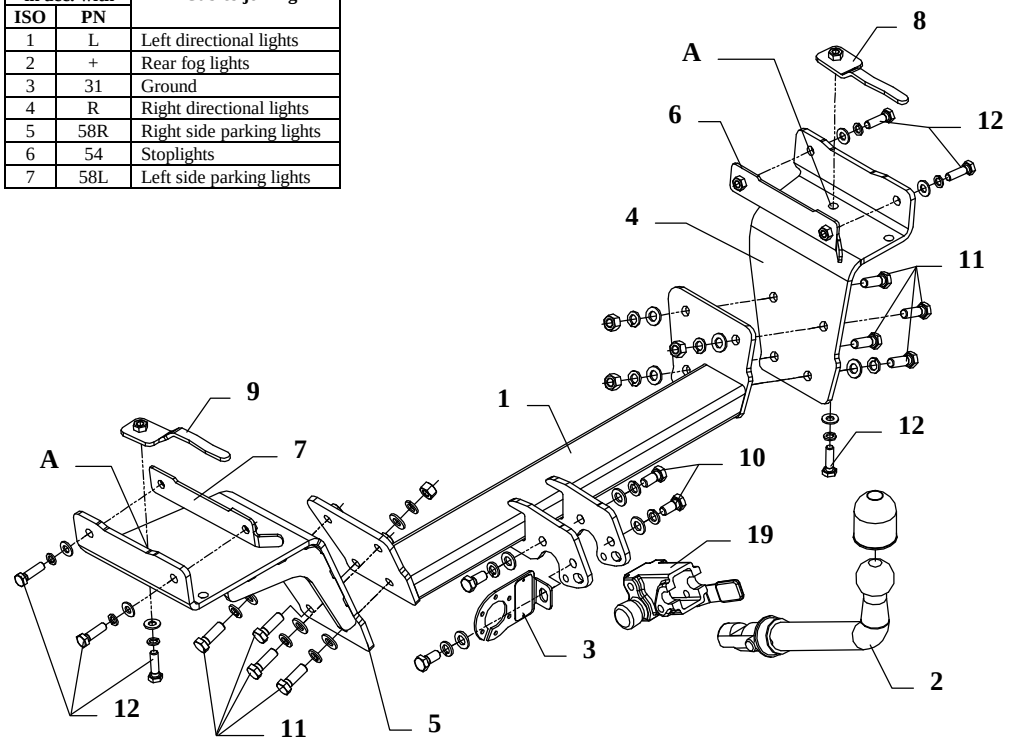
FITTING INSTRUCTION

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: **FIAT STILO 3/5 doors,** produced since 2002 till 2006, catalogue no. **R30A** and is prepared to tow trailers max total weight **1400 kg** and max vertical load **60 kg**.

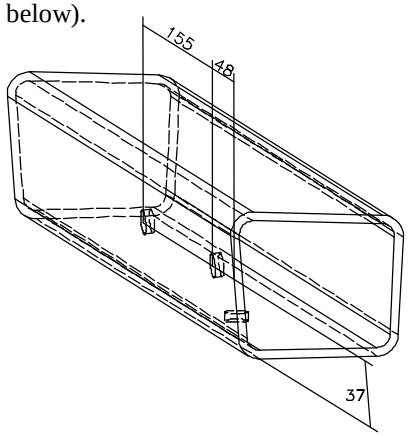
From manufacturer

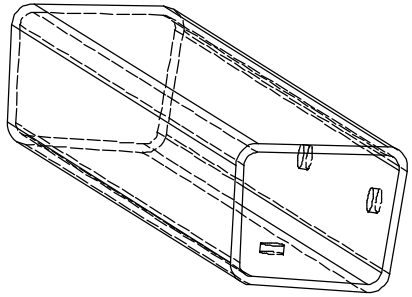
Thank you for buying our product. Their reliability has been confirmed in many tests. Reliability of towbar depends also on correct assembly and right operation. For this reasons we kindly ask to read carefully this instruction and apply to hints.

The towbar should be install in points described by a car producer. Before installation the towbar please look at the page 264 of the car instruction.

Fitting instructions

1. Remove the rear bumper.
2. Outside the left and right chassises drill two holes ø11mm in each ones (see fig. below).





3. Position the bracket (pos. 5 – the left side) and brakcet (pos. 4 – the right side) at the earlier drilled holes and fix with the side fish-plates – pos. 6 and 7 (put it earlier into the chassis). Then through the holes (pos. A) of the brackets (pos. 4 and 5) drill holes ø11mm and fix with the fish-plates cpl. – pos. 8 and 9 (put it earlier into the chassis also).
4. Position the main bar of the towbar (pos. 1) and fix with bolts M12x35mm (pos. 11).
5. Mount the bumper.
6. Fix body of the automat (pos. 19) and the socket plate (pos. 3) using bolts M12x25mm (pos. 10) from accessories. Place tow-ball (pos. 2) according to supplied instruction.
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

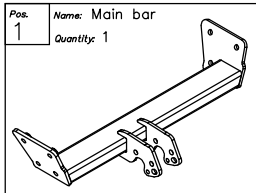
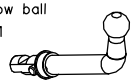
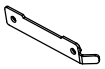
NOTE

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. 5 Name: Left bracket cpl. Quantity: 1 	Pos. 10 Name: Bolt 8,8 B Quantity: 4 Dim. : M12x25mm 	Pos. 15 Name: Plain washer Quantity: 6 Dim. : Ø 10,5 mm 
	Pos. 6 Name: Right side fish–plate cpl. Quantity: 1 	Pos. 11 Name: Bolt 8,8 B Quantity: 8 Dim. : M12x35mm 	Pos. 16 Name: Spring washer Quantity: 12 Dim. : Ø 12,2 mm 
Pos. 2 Name: Tow ball Quantity: 1 	Pos. 7 Name: Left side fish–plate cpl. Quantity: 1 	Pos. 12 Name: Bolt 8,8 B Quantity: 6 Dim. : M10x35mm 	Pos. 17 Name: Spring washer Quantity: 6 Dim. : Ø 10,2 mm 
Pos. 3 Name: Socket plate Quantity: 1 	Pos. 8 Name: Right fish–plate cpl. Quantity: 1 	Pos. 13 Name: Nut 8 B Quantity: 4 Dim. : M12 	Pos. 18 Name: Ball cover Quantity: 1 
Pos. 4 Name: Right bracket Quantity: 1 	Pos. 9 Name: Left fish–plate cpl. Quantity: 1 	Pos. 14 Name: Plain washer Quantity: 12 Dim. : Ø 13 mm 	Pos. 19 Name: Body of the automat Quantity: 1 
			Pos. 20 Name: Body plug Quantity: 1 

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Towing hitch (without electrical set)

Class: **A50-X** Cat. no. **R30A**
Designed for:
Manufacturer: **FIAT**
Model: **STILO**
Type: **3/5 doors**
produced since 2002 till 2006

Technical data:
D-value: **7,73 kN**
maximum trailer weight: **1400 kg**
maximum vertical cup load: **60 kg**

Approval number acc. to regulations EKG/ONZ 55.01: E20-55R-01 0776

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:

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