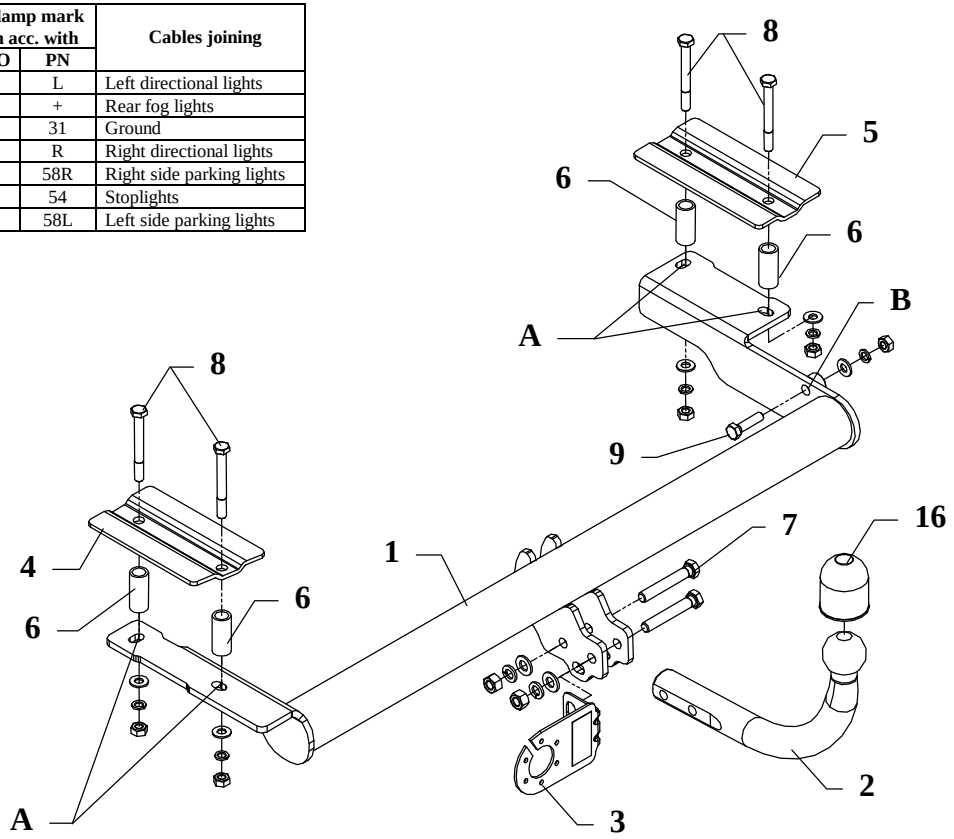
FITTING INSTRUCTION

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: **FORD ESCORT ESTATE,** produced since 08.1990 till 2000, catalogue no. **C22** and is prepared to tow trailers max total weight **1250 kg** and max vertical load **50 kg**.

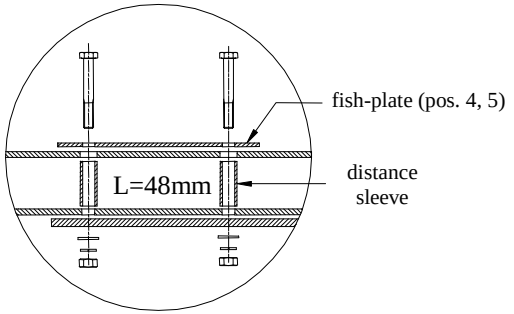
From manufacturer

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. It is not necessary to reassemble the bumper.
2. Find original signed places inside the boot on the left and right side, then drill ø24mm.
3. Slide the sleeves L=48mm and position the fish-plates (pos. 4 and 5).
4. Cut the bottom part of the bumper – 70x20mm.
5. Position the main bar of towbar (pos. 1) and fix it through the holes (pos. A), sleeves and the fish-plates (pos. 4 and 5) using M10x90mm (pos. 8).
6. Fix through the holes (pos. B) and original towing eye on the right side using M10x40mm (pos. 9).
7. Tighten all nuts and bolts according to the torque shown in the table.
8. Position the ball of towbar (pos. 2) together with socket plate (pos. 3) and fix it with M12x75mm (pos. 7) from the towbar accessories.
9. Connect the electric wires according to the instructions of the car.
10. 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

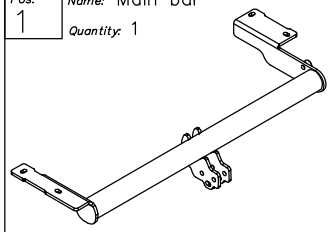
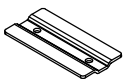
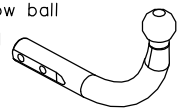
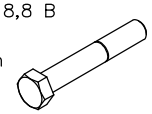
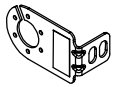
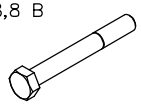
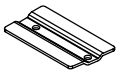
NOTE

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 screws. 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: Right fish–plate — Quantity: 1 — Dim. : 200x100x5mm 	Pos. 11 — Name: Nut 8 B — Quantity: 5 — Dim. : M10 
	Pos. 6 — Name: Distance sleeve — Quantity: 4 — Dim. : ø21,3x2,65mm, L=48mm 	Pos. 12 — Name: Plain washer — Quantity: 2 — Dim. : ø 13 mm 
Pos. 2 — Name: Tow ball — Quantity: 1 	Pos. 7 — Name: Bolt 8,8 B — Quantity: 2 — Dim. : M12x75mm 	Pos. 13 — Name: Plain washer — Quantity: 5 — Dim. : ø 10,5 mm 
Pos. 3 — Name: Socket plate — Quantity: 1 	Pos. 8 — Name: Bolt 8,8 B — Quantity: 4 — Dim. : M10x90mm 	Pos. 14 — Name: Spring washer — Quantity: 2 — Dim. : ø 12,2 mm 
Pos. 4 — Name: Left fish–plate — Quantity: 1 — Dim. : 184x100x5mm 	Pos. 9 — Name: Bolt 8,8 B — Quantity: 1 — Dim. : M10x40mm 	Pos. 15 — Name: Spring washer — Quantity: 5 — Dim. : ø 10,2 mm 
	Pos. 10 — Name: Nut 8 B — Quantity: 2 — Dim. : M12 	Pos. 16 — Name: Ball cover — Quantity: 1 

PPUH AUTO-HAK S. J.

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Towing hitch (without electrical set)

Class: **A50-X** Cat. no. **C22**
Designed for:
Manufacturer: **FORD**
Model: **ESCORT**
Type: **ESTATE**
produced since 08.1990 till 2000

Technical data:
D-value: **7,12 kN**
maximum trailer weight: **1250 kg**
maximum vertical cup load: **50 kg**

Approval number acc. to regulations EKG/ONZ 55.01: E20-55R-01 0894

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, and values for the towing hitch cannot be exceeded.
D-value formula:

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