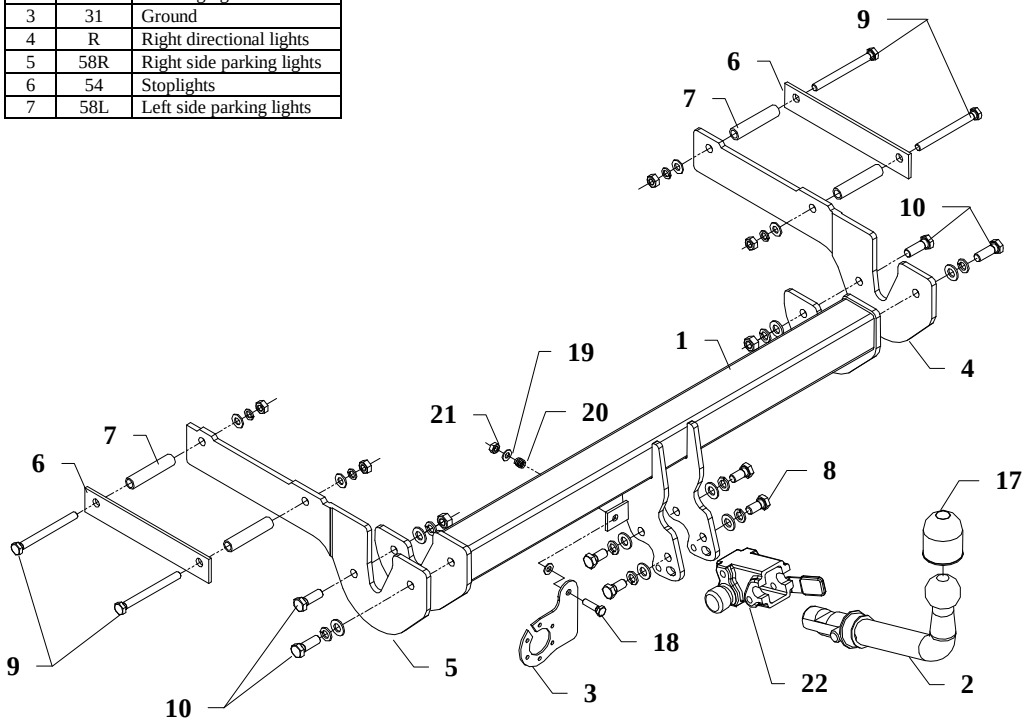
## FITTING INSTRUCTION

| 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 MONDEO 4/5 doors**, produced since 10.2000 till 12.2006, catalogue no. **C36A**, and is prepared to tow trailers max total weight **1800 kg** and max vertical load **75 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. Underneath the car, from the right side – disassemble plastic cover plate.
2. Disassemble rear bumper only from below (long cover overalls). Next put template and make cut according to this template.
3. Get lower the bumper from rear handle and disassemble thermal shield.
4. In chassis members (in adequatebly places) put sleeves ø17 L=80mm (pos. 7).
5. To the left chassis member (internal side) fix element (pos. 5), marked as C36L, using bolts M10x110mm – pos. 9 (use fish plate – pos. 6).
6. To the right chassis member (internal side) fix element (pos. 4), marked as C36R, using bolts M10x110mm – pos. 9(use fish plate – pos. 6).
7. To that prepared elements (pos. 4 and 5) fix main bar of towbar (pos. 1) using bolts M12x35mm – pos. 10 (to make this operation easily pull cover overalls).
8. Fix body of the automat (pos. 22) using bolts M12x25mm (pos. 8) from accessories. Place tow-ball (pos. 2) according to supplied instruction.
9. Fix the socket plate (pos. 3) as shown on the drawing.
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 the paint coating damaged during installation.

| Torque settings for nuts and bolts (8,8): | | |
|---|---|---|
| M6 - 11 Nm | M8 - 25 Nm | M10 - 50 Nm |
| M12 - 87 Nm | M14 - 138 Nm | M16 - 210 Nm |

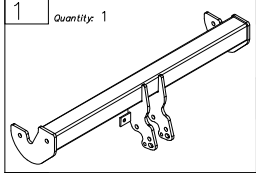
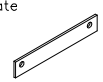
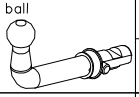
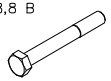
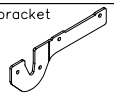
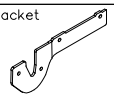
### NOTE

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 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: Fish–plate Quantity: 2 Dim. : 240x40x5mm  | Pos. 12 Name: Nut 8 B Quantity: 4 Dim. : M10  | Pos. 18 Name: Bolt 8,8 B Quantity: 1 Dim. : M8x30mm  |
| | Pos. 7 Name: Distance sleeve Quantity: 4 Dim. : ø17,2x2,35 L=80mm  | Pos. 13 Name: Plain washer Quantity: 8 Dim. : ø 13 mm  | 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: 4 Dim. : M12x25mm  | Pos. 14 Name: Plain washer Quantity: 4 Dim. : ø 10,5 mm  | Pos. 20 Name: Spring Quantity: 1  |
| Pos. 3 Name: Socket plate Quantity: 1  | Pos. 9 Name: Bolt 8,8 B Quantity: 4 Dim. : M10x110mm  | Pos. 15 Name: Spring washer Quantity: 8 Dim. : ø 12,2 mm  | Pos. 21 Name: Nut 8 B Quantity: 1 Dim. : M8  |
| Pos. 4 Name: Right bracket Quantity: 1  | Pos. 10 Name: Bolt 8,8 B Quantity: 4 Dim. : M12x35mm  | Pos. 16 Name: Spring washer Quantity: 4 Dim. : ø 10,2 mm  | Pos. 22 Name: Body of the automat Quantity: 1  |
| Pos. 5 Name: Left bracket Quantity: 1  | Pos. 11 Name: Nut 8 B Quantity: 4 Dim. : M12  | Pos. 17 Name: Ball cover Quantity: 1  | Pos. 23 Name: Body plug Quantity: 1  |


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# Towing hitch (without electrical set)

Class: A50-X Cat. no. **C36A**
Designed for:
Manufacturer: **FORD**
Model: **MONDEO**
Type: **4-5doors**
produced since 10.2000 till 12.2006

Technical data:
**D**-value: **9,1 kN**
maximum trailer weight: **1800 kg**
maximum vertical cup load: **75 kg**

**Approval number according to Directive 94/20/EC: e20*94/20*0971*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, and values for the towing hitch cannot be exceeded.
*D-value formula:*

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