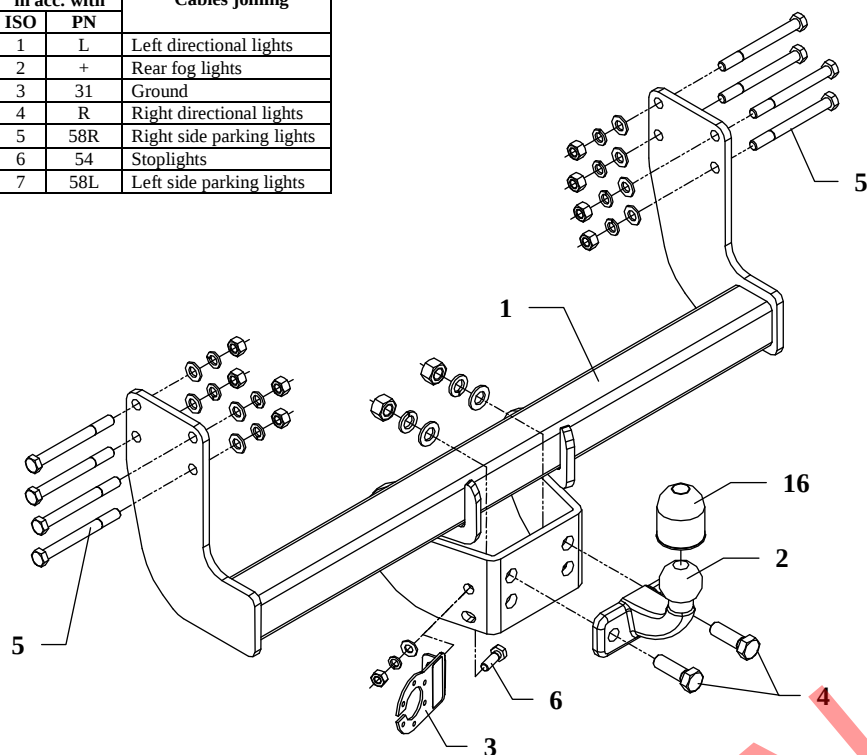


## FITTING INSTRUCTION

| Clamp mark<br>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 towing hitch is designed to assembly in following cars:  
**MERCEDES SPRINTER, VOLKSWAGEN CRAFTER 5 ton, loading platform, double wheels** produced since 2006, catalogue no. **D40** and is prepared to tow trailers max total weight up to **3500 kg** and max vertical mass **140 kg**.

### DE PRODUCATOR:

Vă mulțumim pentru achiziționarea produsului nostru. Fiabilitatea acestor produse a fost confirmată în numeroase teste. Fiabilitatea produselor depinde de asemenea și de asamblarea corectă și în ordinea specificată în aceste instrucțiuni. Din acest motive va rugăm să citiți cu atenție instrucțiunile și să le urmați întocmai. Bara de tractare trebuie să fie instalată în punctele descrise de producatorul autovehiculului.

*The towing hitch should be installed in points described by a car producer.*

## The instruction of the assembly

1. Disassemble a rear panel.
2. Between handles of panel slip main bar of the towbar this way, so holes of main bar agree with holes in brackets of the panel. If necessary relax bolts fastening panel with its brackets. NOTE! Cut out fragments of panel (at ball's bracket) if necessary.
3. Fix panel and main bar with car's frame using bolts M12x120mm (pos. 5) from equipment.
4. Fix tow-ball (pos. 2) using bolts M16x50mm (pos. 4) from equipment.
5. Fix socket plate (pos. 3) using bolt M10x30mm (pos. 6) as shown on the figure.
6. Tighten all bolts according to the torque shown in the table.
7. Connect electric wires of 7-poles socket according to the instruction of the car. (Recommend to make at authorized service station).
8. 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 |

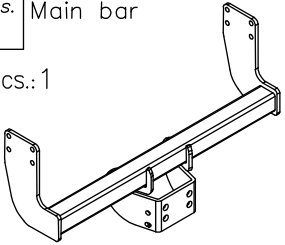
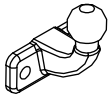
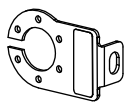
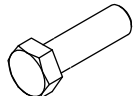
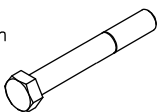
### NOTE

After installation of the towing hitch you should get adequate note in registration book (at authorised service station).The car should be equipped with:

- Indicators
- Tow mirrors

Check all bolts and nuts after **1000 km** of exploitation. The ball of the towing hitch must be always kept clear and conserve with a grease.

## Part list:

|           |                                                                                                              |            |                                                                                                             |            |                                                                                                              |
|-----------|--------------------------------------------------------------------------------------------------------------|------------|-------------------------------------------------------------------------------------------------------------|------------|--------------------------------------------------------------------------------------------------------------|
| Pos.<br>1 | Main bar<br>                 | Pos.<br>6  | Bolt 8,8 B<br>M10x30mm<br> | Pos.<br>12 | Spring washer<br>ø10mm<br> |
| PCS.: 1   |                                                                                                              | PCS.: 1    |                                                                                                             | PCS.: 1    |                                                                                                              |
| Pos.<br>2 | Tow ball<br>                | Pos.<br>8  | Plain washer<br>ø12mm<br>  | Pos.<br>14 | Nut 8 B<br>M12<br>         |
| PCS.: 1   |                                                                                                              | PCS.: 8    |                                                                                                             | PCS.: 8    |                                                                                                              |
| Pos.<br>3 | Socket plate<br>            | Pos.<br>9  | Plain washer<br>ø10mm<br>  | Pos.<br>15 | Nut 8 B<br>M10<br>         |
| PCS.: 1   |                                                                                                              | PCS.: 1    |                                                                                                             | PCS.: 1    |                                                                                                              |
| Pos.<br>4 | Bolt 8,8 B<br>M16x50mm<br>  | Pos.<br>10 | Spring washer<br>ø16mm<br> | Pos.<br>16 | Ball cover<br>             |
| PCS.: 2   |                                                                                                              | PCS.: 2    |                                                                                                             | PCS.: 1    |                                                                                                              |
| Pos.<br>5 | Bolt 8,8 B<br>M12x120mm<br> | Pos.<br>11 | Spring washer<br>ø12mm<br> |            |                                                                                                              |
| PCS.: 8   |                                                                                                              | PCS.: 8    |                                                                                                             |            |                                                                                                              |



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## Carlig remorcare Volkswagen Crafter 2006- semidemontabil Auto-Hak

Class: A50-X Cat. no. D40

Designed for:

**MERCEDES SPRINTER**  
**VOLKSWAGEN CRAFTER**Type: 5 ton, loading platform, double wheels  
produced since 2006

Technical data:

**D-value: 20,2 kN**maximum trailer weight: **3500 kg**maximum vertical cup mass: **140 kg****Approval number according to Directive 94/20/EC: e20\*94/20\*0512\*00**

Acesta bara de tractare este proiectata în conformitate cu normele de siguranță ale regulilor de circulație. Carligul de tractare este o componentă de siguranță și poate fi instalata numai de personal calificat. Orice modificare sau transformare facuta asupra cârligului de remorcare este interzisă și va duce la anularea certificării produsului. Indepartați materialul izolator de sub vehicul (dacă există) in zona de montare a ansamblului. Specificatiile de produs ale autovehiculului referitor la greutatea admisa pe vehicul, sunt extrem de importante. In acelasi timp, sarcina admisa pentru cârligul de remorcare nu poate fi depășită si poate fi calculata folosind relatia:

$$\frac{\text{Masa maxima a remorcii [kg]} \times \text{Masa maxima a masinii[kg]}}{\text{Masa maxima a remorcii [kg]} + \text{Masa maxima a masinii[kg]}} \times \frac{9,81}{1000} = D \text{ [kN]}$$