

## 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  |

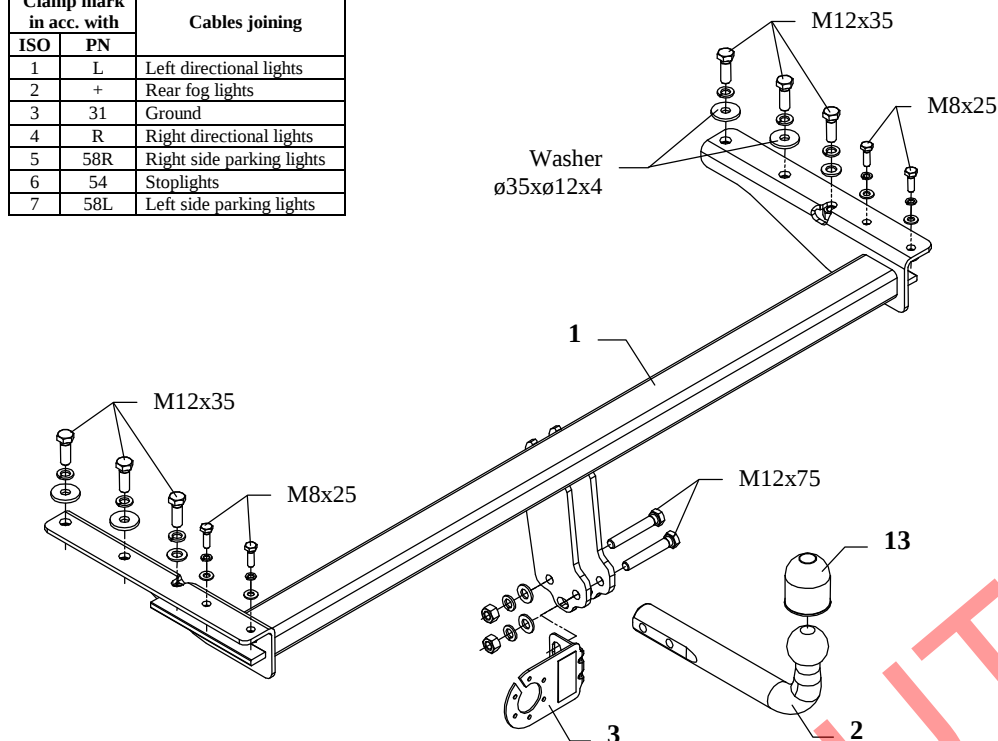


Fig. 1

This towing hitch is designed to assembly in following cars: **SUBARU LEGACY OUTBACK, Estate, type BE/BH**, produced since 11.1998 till 2004, catalogue no. **SU43** and is prepared to tow trailers max total weight **1800 kg** and max vertical mass **75 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 producătorul autovehiculului.

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

## The instruction of the assembly

1. Disassemble the bumper together with his metal fulfilment.
2. Unscrew the metal fulfilment from the bumper.
3. Cut out the fragment 90x80mm in the plastic canopy (in the axis of the bumper).
4. Disconnect the metal fulfilment as showed on the fig. 2.
5. Element B (see fig. 2) **not used** anymore, whereas element A (see fig. 2) one ought to fix to the main bar of the towing hitch (see fig. 1, pos. 1) using bolts M8x25mm (pos. 6) as showed on the fig. 2.
6. So prepared towing hitch fix with the bumper, which one ought to slip into chassis members, then fix using bolts M12x35mm (pos. 5) as showed on the fig.
7. Tighten all bolts according to the torque shown in the table.
8. To so prepared towing hitch fix tow-ball (pos. 2) and socket plate (pos. 3) by bolts M12x75mm (pos. 4) from accessories.
9. Connect electric wires of 7-poles socket according to the instruction of the car. (Recommend to make at authorized service station).
10. Complete paint layer damaged during installation.

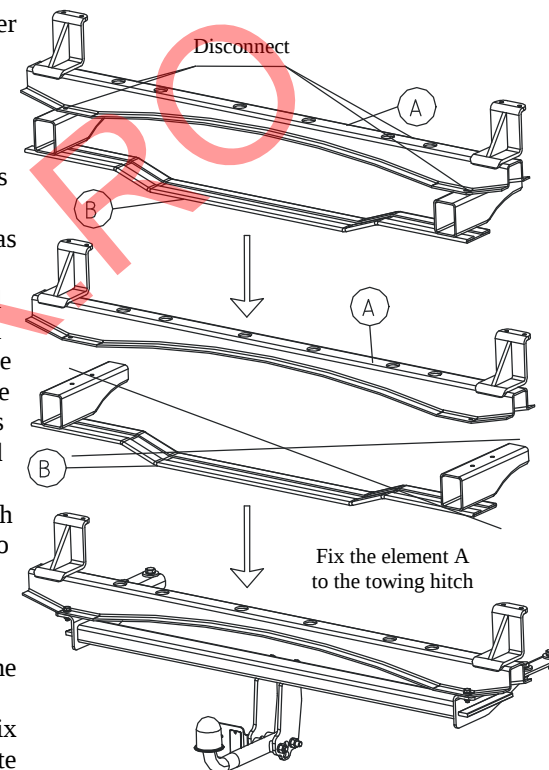


Fig. 2

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

|                     |                      |
|---------------------|----------------------|
| <b>M 8</b> - 25 Nm  | <b>M 10</b> - 55 Nm  |
| <b>M 12</b> - 85 Nm | <b>M 14</b> - 135 Nm |

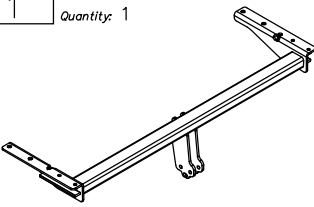
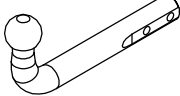
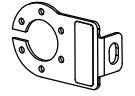
### NOTE

After install the towing hitch 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 towing hitch must be always kept clear and conserve with a grease.

## Towing hitch accessories:

|           |                                                                                   |           |                                                                                   |            |                                                                                   |
|-----------|-----------------------------------------------------------------------------------|-----------|-----------------------------------------------------------------------------------|------------|-----------------------------------------------------------------------------------|
| Pos.<br>1 | Name: Main bar<br>Quantity: 1                                                     | Pos.<br>4 | Name: Bolt 8,8 B<br>Quantity: 2<br>Dim.: M12x75mm                                 | Pos.<br>9  | Name: Plain washer<br>Quantity: 4<br>Dim.: Ø 13 mm                                |
|           |   | Pos.<br>5 | Name: Bolt 8,8 B<br>Quantity: 6<br>Dim.: M12x35mm                                 | Pos.<br>10 | Name: Plain washer<br>Quantity: 4<br>Dim.: Ø 8,5 mm                               |
| Pos.<br>2 | Name: Tow ball<br>Quantity: 1                                                     | Pos.<br>6 | Name: Bolt 8,8 B<br>Quantity: 4<br>Dim.: M8x25mm                                  | Pos.<br>11 | Name: Spring washer<br>Quantity: 8<br>Dim.: Ø 12,2 mm                             |
|           |  | Pos.<br>7 | Name: Washer<br>Quantity: 4<br>Dim.: Ø35xØ12x4mm                                  | Pos.<br>12 | Name: Spring washer<br>Quantity: 4<br>Dim.: Ø 8,2 mm                              |
| Pos.<br>3 | Name: Socket plate<br>Quantity: 1                                                 | Pos.<br>8 | Name: Nut 8 B<br>Quantity: 2<br>Dim.: M12                                         | Pos.<br>13 | Name: Ball cover<br>Quantity: 1                                                   |
|           |  |           |  |            |  |



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## Carlig remorcare Subaru Outback 1998-2004 semidemontabil Auto-Hak

Class: A50-X Cat. no. SU43

Designed for:

Manufacturer: SUBARU

Model: LEGACY OUTBACK

Type: ESTATE, BE/BH

produced since 11.1998 till 2004

Technical data:

D-value: 10,5 kN

maximum trailer weight: 1800 kg

maximum vertical cup mass: 75 kg

Approval number according to Directive 94/20/EC: **e20\*94/20\*0640\*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) în 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:

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