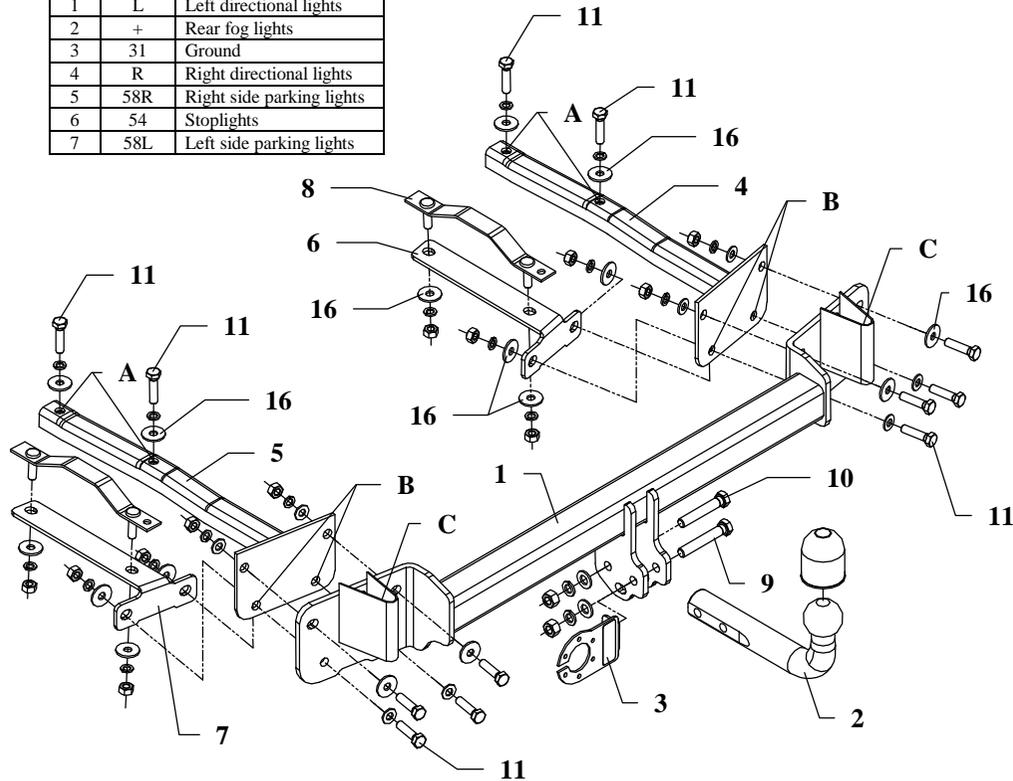


FITTING INSTRUCTION

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	Stoptlights
7	58L	Left side parking lights



This towing hitch is designed to assembly in following cars:
BMW 3 E 36 series, 4 door, COUPE, produced since 01.1991 till 03.1998,
BMW 3 E 36 series, CABRIO produced since 03.1992 till 03.2000 and **BMW 3 E 36 series, ESTATE**, produced since 1995 till 08.1999, catalogue no. **B02** and is prepared to tow trailers max total weight **1800 kg** and max vertical mass **75 kg**.

From manufacturer

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

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

The instruction of the assembly

- To install the towing hitch you have to disassemble the bumper and unscrew fasten handles with spring telescopes (not used any more).
- In the trunk disassembly covers of rear piece and floor.
- On the chassis members (in the trunk) find factory marked points (four at a side). In this points make holes with drill $\varnothing 11\text{mm}$ (straight through).
- Put fish-plate with the bolts (pos.8) in right chassis member. At protruding bolts in the trunk put fish-plate (pos. 6) and fix with nuts M10 from towing hitch accessories.
- Disassemble heat cover of muffler.
- Put fish-plate with the bolts (pos. 8) in left chassis member. At protruding bolts in the trunk put fish-plate (pos. 7) and fix with nuts M10 from accessories.
- Put side brackets (pos. 4 and 5) at inserted in chassis members brackets (left and right side) and fix it to the chassis members through holes A with bolts M10x40mm (pos. 11) from accessories.
- In the right side through holes in bracket B make holes with drill $\varnothing 12\text{mm}$ in rear piece of the trunk.
- Put main bar of the towing hitch (pos. 1) to the rear piece and through holes in already mounted elements of the towing hitch and rear piece holes fix with bolts M10x40mm (pos. 11).
- Assembly the bumper at the handles C (use bolts from disassembled factory handles).
- In lower part of the bumper, in factory marked place cut out a square hole (handles of tow ball of the towing hitch).
- To that way prepared towing hitch fix tow ball (pos. 2) using bolt M12x75mm (pos. 9) and M12x70mm (pos. 10). With bolt M12x75mm fix also a socket plate (pos. 3). See figure 1.
- Tighten all bolts according to the torque shown in the table.
- Connect the electric wires according to the instruction of the car. (Recommend to make at service station).
- Supplement the paint coating damaged during installation.

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 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 1000km of exploitation. The ball of towing hitch must be always kept clear and conserve with a grease.

Towing hitch accessories:

Pos. 1 Main bar PCS.: 1	Pos. 5 Left bracket PCS.: 1	Pos. 10 Bolt 8,8 B M12x70mm PCS.: 1	Pos. 15 Plain washer ø10mm PCS.: 8
Pos. 2 Tow ball PCS.: 1	Pos. 6 Right bracket PCS.: 1	Pos. 11 Bolt 8,8 B M10x40mm PCS.: 12	Pos. 16 Washer ø30xø10.5x2.5mm PCS.: 16
Pos. 3 Socket plate PCS.: 1	Pos. 7 Left bracket PCS.: 1	Pos. 12 Nut 8 B M12 PCS.: 2	Pos. 17 Spring washer ø12mm PCS.: 2
Pos. 4 Right bracket PCS.: 1	Pos. 8 Fish-plate with bolts PCS.: 2	Pos. 13 Nut 8 B M10 PCS.: 12	Pos. 18 Spring washer ø10mm PCS.: 16
	Pos. 9 Bolt 8,8 B M12x75mm PCS.: 1	Pos. 14 Plain washer ø12mm PCS.: 2	Pos. 19 Ball cover PCS.: 1



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Towing hitch (without electrical set)

Class: **A50-X** Cat. no. **B02**

Designed for:

Manufacturer: **BMW**

Model: **3 SERIES (E36)**

Type: **4door, COUPE**

produced since 01.1991 till 03.1998

Type: **CABRIO**

produced since 03.1992 till 03.2000

Type: **ESTATE**

produced since 1995 till 08.1999

Technical data:

D-value: 9,3 kN

maximum trailer weight: **1800 kg**

maximum vertical cup load: **75 kg**

Approval number according to Directive 94/20/EC: e20*94/20*0650*00

Foreword

This towing hitch 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:

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