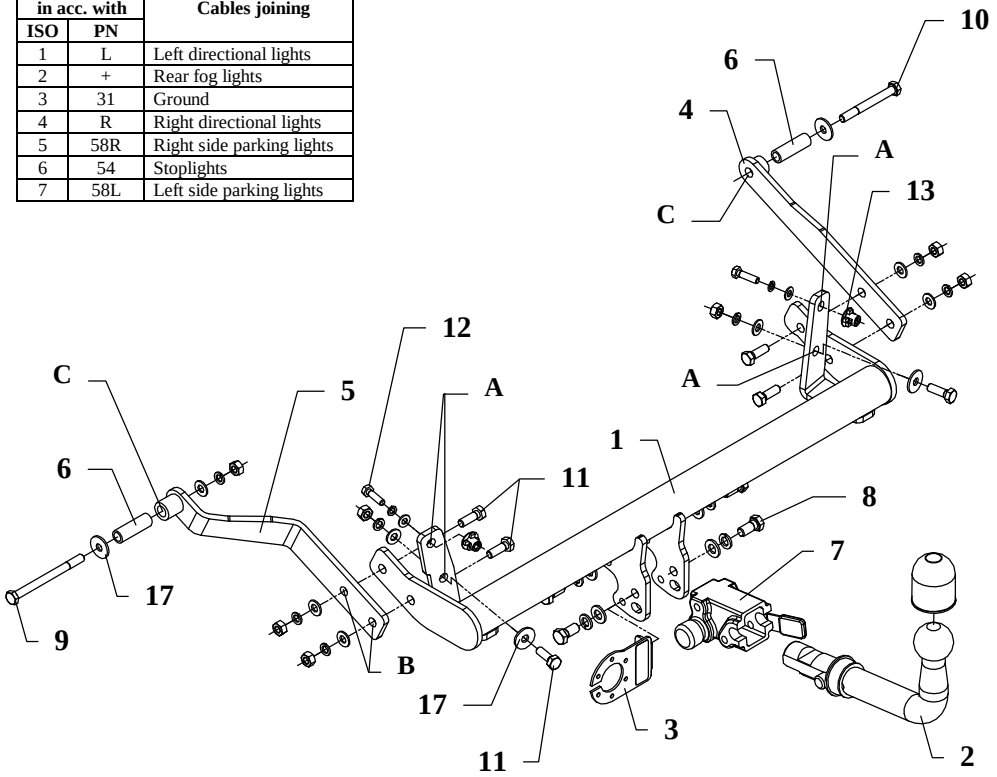
## FITTING INSTRUCTION

| 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: **RENAULT MEGANE I, 5 doors,** produced since 1995 till 03.1999, catalogue no. **G21A** and is prepared to tow trailers max total weight **1300kg** and max vertical load **65kg**.

### *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. Underside the car (in the rear panel) find plugged holes on the right and left side, then make them available and put round cage nut together with M8 nut (pos. 15).
2. Position the main bar of the towbar (pos. 1) underside the car and fix it using bolts M8x30mm (pos. 12) and M10x30mm (pos. 11) together with large washers (pos. 17) through the holes (pos. A).
3. Outside original car holes put the distance sleeves (pos. 6)
4. Position the side brackets (pos. 4 and 5) to the main bar of the towbar (pos. 1) and fix it using bolts M10x30mm (pos. 11) through the holes (pos. B).
5. Fix through the distance sleeves and towbar holes (pos. C) using M10x120mm (pos. 9) and M10x90mm (pos. 10).
6. Tighten all nuts and bolts according to the torque shown in the table.
7. Fix body of the automat (pos. 7) and the socket plate (pos. 3) using bolts M12x25mm (pos. 8) from accessories. Place tow-ball (pos. 2) according to supplied instruction.
8. Connect the electric wires according to the instructions of the car.
9. Complete the paint cover of towbar (during the mounting paint cover could be destroyed).

| 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 |

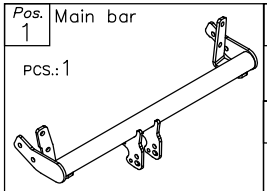
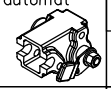
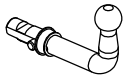
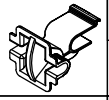
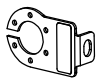
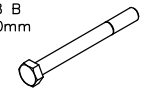
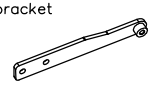
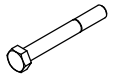
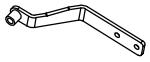
### NOTE

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 check all bolts and nuts. The ball of towbar must be always kept clear and conserve with a grease.

Towbar accessories:

| | | | |
|---|---|---|---|
| Pos. 1 Main bar PCS.: 1  | Pos. 6 Distance sleeve ø17.2xø2.3mm L=53mm PCS.: 2  | Pos. 12 Bolt 8,8 B M8x30mm PCS.: 2  | Pos. 18 Plain washer ø10.5mm PCS.: 7  |
| | Pos. 7 Body of the automat PCS.: 1  | Pos. 13 Caget nut M8 PCS.: 2  | Pos. 19 Plain washer ø8.5mm PCS.: 2  |
| Pos. 2 Tow ball PCS.: 1  | Pos. 8 Bolt 8,8 B M12x25mm PCS.: 4  | Pos. 14 Body plug PCS.: 1  | Pos. 20 Spring washer ø12.2mm PCS.: 4  |
| Pos. 3 Socket plate PCS.: 1  | Pos. 9 Bolt 8,8 B M10x120mm PCS.: 1  | Pos. 15 Nut 8 B M10 PCS.: 7  | Pos. 21 Spring washer ø10.2mm PCS.: 7  |
| Pos. 4 Right bracket PCS.: 1  | Pos. 10 Bolt 8,8 B M10x90mm PCS.: 1  | Pos. 16 Plain washer ø13mm PCS.: 4  | Pos. 22 Spring washer ø8.2mm PCS.: 2  |
| Pos. 5 Left bracket PCS.: 1  | Pos. 11 Bolt 8,8 B M10x30mm PCS.: 6  | Pos. 17 Plain washer ø30xø10.5x2.5mm PCS.: 4  | Pos. 23 Ball cover PCS.: 1  |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## Towing hitch (without electrical set)

Class: **A50-X** Cat. no. **G21A**
Designed for:
Manufacturer: **RENAULT**
Model: **MEGANE I**
Type: **5 doors**
produced since 1995 till 03.1999

Technical data:
**D**-value: **7,17 kN**
maximum trailer weight: **1300 kg**
maximum vertical cup load: **65 kg**

**Approval number according to Directive 94/20/EC: e20*94/20*1096*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:*

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