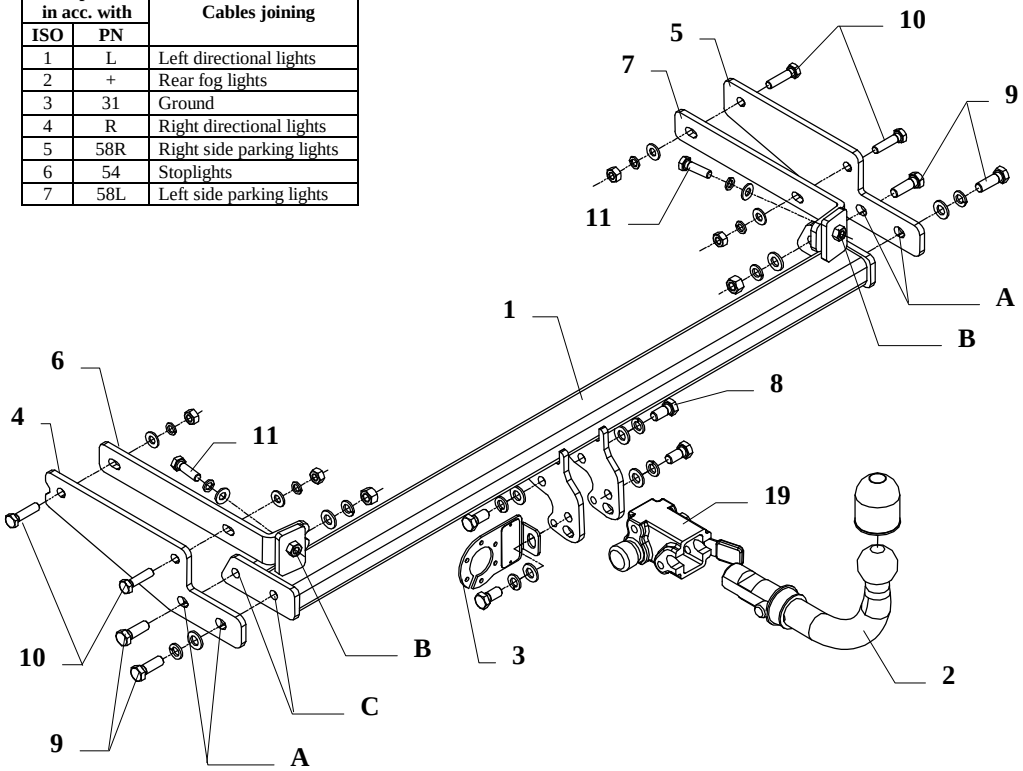
FITTING INSTRUCTION

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 THALIA, 4 doors,** produced since 2001, catalogue no. **G37A** and is prepared to tow trailers max total weight **1150 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. Fix loosely brackets (pos. 5 and 7) to the right chassis member (through original holes):
   - bracket (pos. 5) fix to the right side of chassis member,
   - bracket (pos. 7) fix to the left side of chassis member.
2. Fix loosely brackets (pos. 4 and 6) to the left chassis member (through original holes):
   - bracket (pos. 4) fix to the left side of chassis member,
   - bracket (pos. 6) fix to the right side of chassis member.
3. Put the main bar of the towbar (pos. 1) between brackets (pos. 4 and 5) in this way so holes (pos. A) agree with holes (pos. C) and holes (pos. B) agree with original holes in rear part of car, fix all using bolts as shown on the drawing.
4. Fix body of the automat (pos. 19) and the socket plate (pos. 3) using bolts M12x25mm (pos. 8) from accessories. Place tow-ball (pos. 2) according to supplied instruction.
5. Tighten all bolts according to the torque shown in the table.
6. Connect electric wires of 7-poles socket according to the instruction of the car. (Recommend to make at authorized service station).
7. Complete paint layer 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

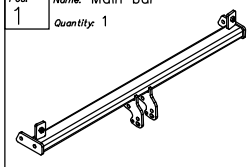
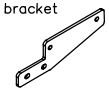
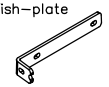
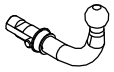
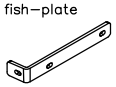
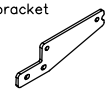
NOTE

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 check 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. 5 Name: Right bracket Quantity: 1 	Pos. 10 Name: Bolt 8,8 B Quantity: 4 Dim. : M10x40mm 	Pos. 15 Name: Plain washer Quantity: 6 Dim. : ø 10,5 mm 
	Pos. 6 Name: Left fish–plate Quantity: 1 	Pos. 11 Name: Bolt 8,8 B Quantity: 2 Dim. : M10x35mm 	Pos. 16 Name: Spring washer Quantity: 8 Dim. : ø 12,2 mm 
Pos. 2 Name: Tow ball Quantity: 1 	Pos. 7 Name: Right fish–plate Quantity: 1 	Pos. 12 Name: Nut 8 B Quantity: 2 Dim. : M12 	Pos. 17 Name: Spring washer Quantity: 6 Dim. : ø 10,2 mm 
Pos. 3 Name: Socket plate Quantity: 1 	Pos. 8 Name: Bolt 8,8 B Quantity: 4 Dim. : M12x25mm 	Pos. 13 Name: Nut 8 B Quantity: 4 Dim. : M10 	Pos. 18 Name: Ball cover Quantity: 1 
Pos. 4 Name: Left bracket Quantity: 1 	Pos. 9 Name: Bolt 8,8 B Quantity: 4 Dim. : M12x35mm 	Pos. 14 Name: Plain washer Quantity: 8 Dim. : ø 13 mm 	Pos. 19 Name: Body of the automat Quantity: 1 
			Pos. 20 Name: Body plug Quantity: 1 

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Towing hitch (without electrical set)

Class: **A50-X** Cat. no. **G37A**
Designed for:
Manufacturer: **RENAULT**
Model: **THALIA**
Type: **4 doors**
produced since 2001

Technical data:
D-value: **6,46 kN**
maximum trailer weight: **1150 kg**
maximum vertical cup load: **75 kg**

Approval number according to Directive 94/20/EC: e20*94/20*1063*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 whereat values for the towing hitch cannot be exceeded.
D-value formula:

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