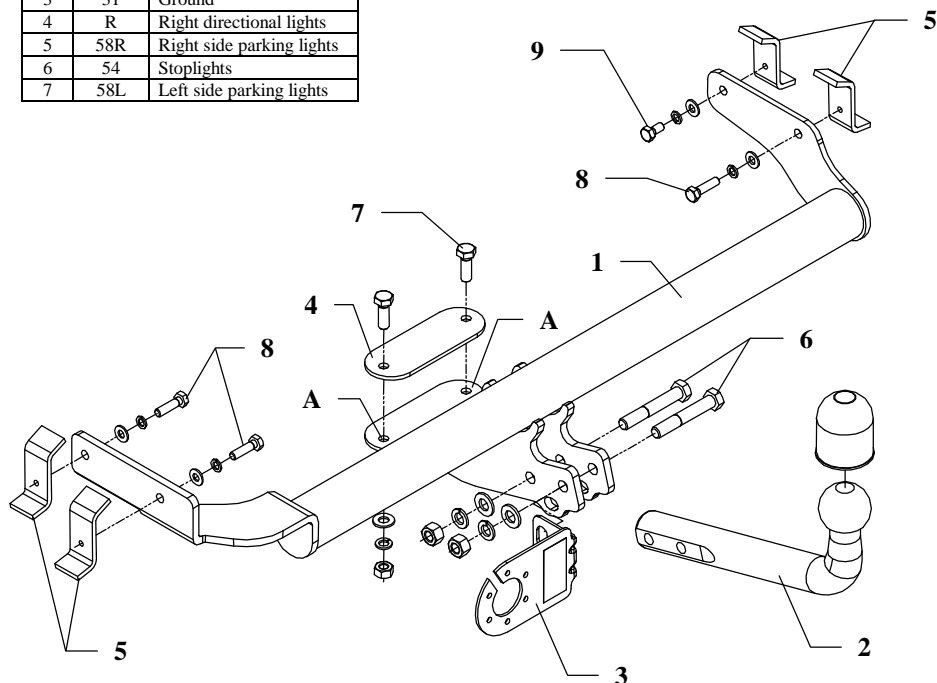


FITTING INSTRUCTION

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:
LADA SAMARA, 3/5 doors, produced since 1985 till 1998, catalogue no. **N02** and is prepared to tow trailers max total weight **1100 kg** and max vertical load **50 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. To install this towbar take out the fitted carpet and the spare wheel from the trunk.
2. Get lower the muffler (take out from last handle).
3. In the trunk find per two longitudinal holes on the left and right side (original made). Then in bend fish-plates (pos. 5) in this way, so threaded holes agree with holes in chassis members.
4. Put main bar of the towbar (pos. 1) between chassis members and fix with bend fish-plates (pos. 5) using bolts M8 according to the drawing.
5. In points pos. A drill holes using bit $\varnothing 10,5$ mm, then fix with fish-plate (pos. 4) using bolts M10x30mm (pos. 7).
6. Fix tow-ball (pos. 2) with socket plate (pos. 3) using bolts M12x75mm (pos. 6) from accessories.
7. Tighten all bolts according to the torque shown in the table.
8. Connect electric wires of 7-poles socket according to the instruction of the car. (Recommend to make at authorized service station).
9. 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

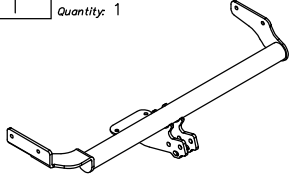
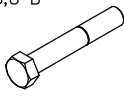



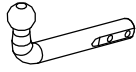


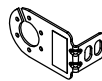









After install the towbar you should get adequate note in registration book (at authorised service station).The car should be equipped with:

- Indicators
- Tow mirrors

After 1000km 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 Name: Main bar Quantity: 1 	Pos. 6 Name: Bolt 8,8 B Quantity: 2 Dim.: M12x75mm 	Pos. 12 Name: Plain washer Quantity: 2 Dim.: Ø 13 mm 
	Pos. 7 Name: Bolt 8,8 B Quantity: 2 Dim.: M10x30mm 	Pos. 13 Name: Plain washer Quantity: 2 Dim.: Ø 10,5 mm 
Pos. 2 Name: Tow ball Quantity: 1 	Pos. 8 Name: Bolt 8,8 B Quantity: 3 Dim.: M8x30mm 	Pos. 14 Name: Plain washer Quantity: 4 Dim.: Ø 8,5 mm 
Pos. 3 Name: Socket plate Quantity: 1 	Pos. 9 Name: Bolt 8,8 B Quantity: 1 Dim.: M8x15mm 	Pos. 15 Name: Spring washer Quantity: 2 Dim.: Ø 12,2 mm 
Pos. 4 Name: Fish-plate Quantity: 1 	Pos. 10 Name: Nut 8 B Quantity: 2 Dim.: M12 	Pos. 16 Name: Spring washer Quantity: 2 Dim.: Ø 10,2 mm 
Pos. 5 Name: Bend fish-plate Quantity: 4 	Pos. 11 Name: Nut 8 B Quantity: 2 Dim.: M10 	Pos. 17 Name: Spring washer Quantity: 4 Dim.: Ø 8,2 mm 
	Pos. 18 Name: Ball cover Quantity: 1 	

Towing hitch (without electrical set)

Class: **A50-X** Cat. no. **N02**

Designed for:

Manufacturer: **LADA**

Model: **SAMARA**

Type: **3/5 doors**

produced since 1985 till 1998

Technical data:

D-value: 6,54 kN

maximum trailer weight: **1100 kg**

maximum vertical cup load: **50 kg**

The certificate of the agreement no.: 5/09

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:

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