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Towing hitch (without electrical set)

Class: **A50-X** Cat. no. **SY01**
Designed for:
Manufacturer: **SSANG YONG**
Model: **REXTON**
produced since 04.2002 till 06.2006

Technical data:
D-value: **14,76 kN**
maximum trailer weight: **3500 kg**
maximum vertical cup mass: **140 kg**

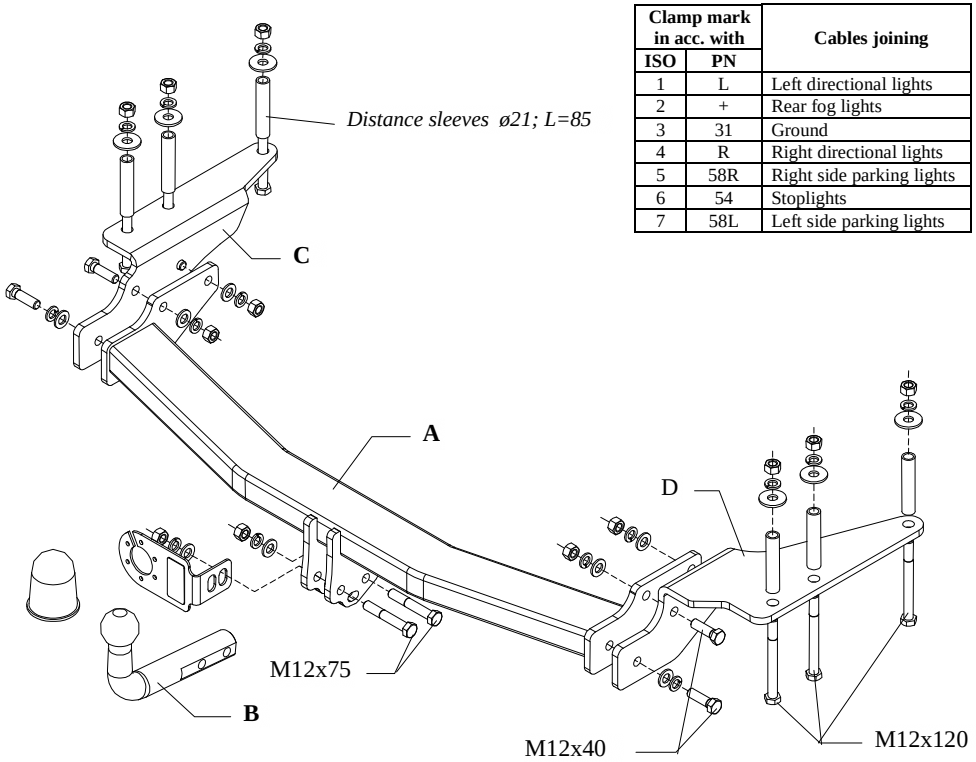
Approval number acc. to regulations EKG/ONZ 55.01: E20-55R-01 1030

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 mass and max. vertical cup mass are decisive for driving whereat values for the towing hitch cannot be exceeded.
D-value formula:

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

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: **SSANG YONG REXTON** produced since 04.2002 till 06.2006, catalogue no. **SY01** and is prepared to tow trailers max total weight **3500 kg** and max vertical load **140 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. In chassis members (bottom part of the car) are holes. This holes you have to drill ø21mm no crossing. In this holes put distance sleeves ø21; L=85mm. Fix brackets (pos. C and D) with bolts M12x120mm.
2. Put the bar of the hook (pos. A) between brackets (pos. C i D) and screw with bolts M12x40. See drawing.
3. Install the tow-ball (pos. B) and the socket plate with bolts M12x75mm.
4. Tighten all bolts according to the torque shown in the table.
5. Connect electric wires of 7-poles socket according to the instruction of the car. (Recommend to make at authorized service station).
6. 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.