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
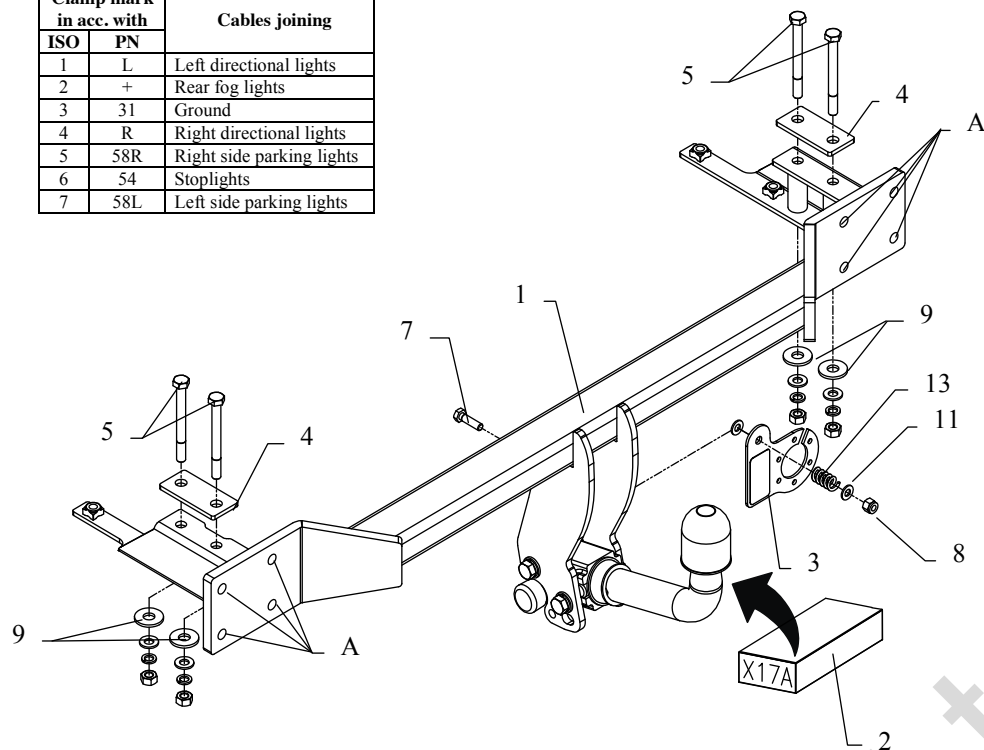
The instruction of the assembly

1. Disassemble a rear bumper.
2. Unscrew reinforcement of the bumper, next unscrew fastening handles.
3. Reinforcement fix to the main bar of the towbar (pos. 1) in points pos. A.
4. Put towbar to chassis members and fix using bolts from towbar equipment – see figure.
5. Fix body of the automat according to supplied instruction.
6. Fix the socket plate (pos. 3) as shown on the drawing.
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):	
M 8 25 Nm	**M 10** 55 Nm
M 12 85 Nm	**M 14** 135 Nm

This towbar is designed to assembly in following cars:
CHEVROLET LACETTI 5 doors, produced since 01.2005, catalogue no. **X17A** and is prepared to tow trailers max total weight **1200 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 correct exploitation. 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.
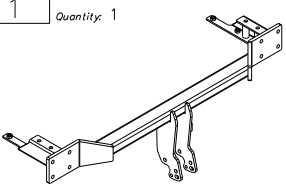
NOTE

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 equipment:

Pos.	Name	Quantity	Dim.
1	Main bar	1	
2	Tow ball	1	
3	Socket plate	1	
4	Plate	2	
5	Bolt 8,8 B	4	M10x100 mm
6	Bolt 8,8 B	1	M8x30mm
7	Nut 8 B	4	M10
8	Nut 8 B	1	M8
9	Washer	4	⌀32x⌀12x3mm
10	Plain washer	4	⌀ 10,5 mm
11	Plain washer	2	⌀ 8,5 mm
12	Spring washer	4	⌀ 10,2 mm
13	Spring	1	

Towing hitch (without electrical set)

Class: **A50-X**   Cat. no. **X17A**
Designed for:
Manufacturer: **CHEVROLET**
Model: **LACETTI**
Type: **5 doors**
produced since 01.2005

Technical data:
D-value: **6,80 kg**
maximum trailer weight: **1200 kg**
maximum vertical cup load: **75 kg**

Approval number acc. to regulations EKG/ONZ 55.01: <u>E20-55R-01 1810</u>

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:

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