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

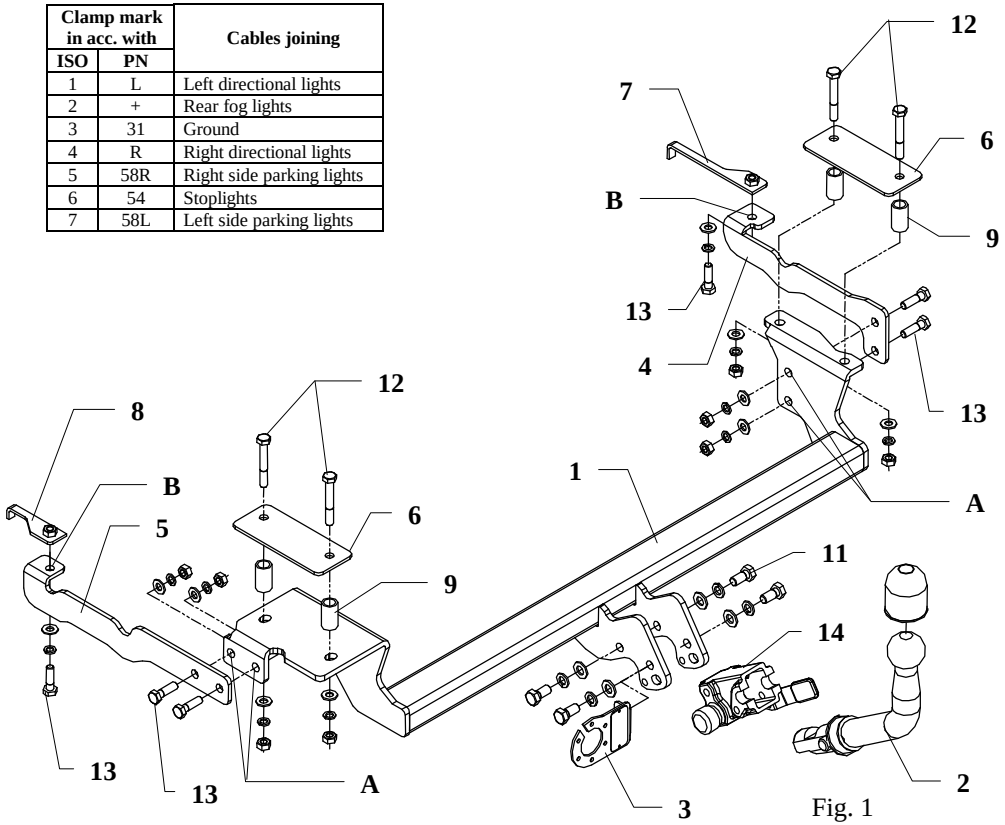


Fig. 1

This towbar is designed to assembly in following cars: **SEAT CORDOBA, 4 doors**, produced since 1994 till 01.1996, catalogue no. **SC40A** and is prepared to tow trailers max total weight **1200 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. Underneath the car disassemble plastic cover;
   - in left and right chassis frame are four plugged holes ø13mm (2 per each side) and per one longitudinal hole. Make it open and through holes ø13mm drill holes inside the boot.

   CAUTION! Remove floor carpet (in boot) before drill.
2. Drill again holes only from inside boot using bit ø22mm. To drilled holes put distance sleeves ø22, L=37mm (pos. 9), and top put fish-plates (pos. 6) as shown on the drawing. Insert bolts M10x70mm (pos. 12).
3. On prominent bolt put main bar of the towbar (pos. 1) and fix loosely.
4. Fix side brackets (pos. 4 and 5) as show on the drawing using bolts M10x35mm (pos. 13) through holes A. Fix by bolts M10x35mm (pos. 13) through holes B with jibs (pos. 7 and 8). Jibs place inside chassis frames through longitudinal holes.
5. Fix body of the automat (pos. 14) and the socket plate (pos. 3) using bolts M12x25mm (pos. 11) from accessories. Place tow-ball (pos. 2) according to supplied instruction.
6. Tighten all bolts according to the torque shown in the table.
7. Reassemble the cover after cut fragment as shown on figure 2.
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.

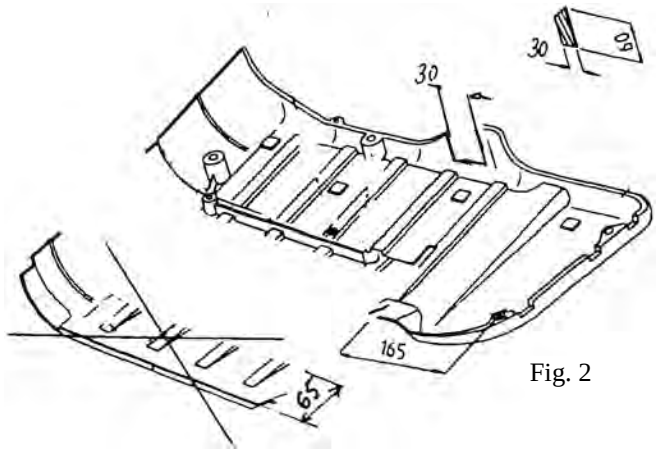


Fig. 2

Torque settings for nuts and bolts (8,8):	
M 8 - 25 Nm	**M 10 -** 55 Nm
M 12 - 85 Nm	**M 14 -** 135 Nm

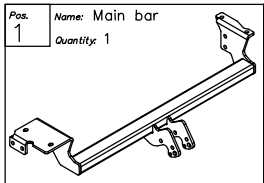
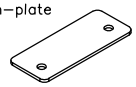
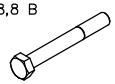
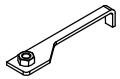
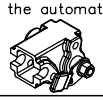
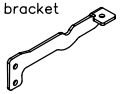
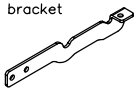
NOTE

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. 6 Name: Fish–plate Quantity: 2 	Pos. 12 Name: Bolt 8,8 B Quantity: 4 Dim. : M10x70mm 	Pos. 18 Name: Spring washer Quantity: 4 Dim. : ø 12,2 mm 
Pos. 7 Name: Jib with the nut Quantity: 1 Dim. : M10 RIGHT 	Pos. 13 Name: Bolt 8,8 B Quantity: 6 Dim. : M10x35mm 	Pos. 19 Name: Spring washer Quantity: 10 Dim. : ø 10,2 mm 	
Pos. 2 Name: Tow ball Quantity: 1 	Pos. 8 Name: Jib with the nut Quantity: 1 Dim. : M10 LEFT 	Pos. 14 Name: Body of the automat Quantity: 1 	Pos. 20 Name: Ball cover Quantity: 1 
Pos. 3 Name: Socket plate Quantity: 1 	Pos. 9 Name: Distance sleeve Quantity: 4 Dim. : ø21.2x2.35mm L=37mm 	Pos. 15 Name: Nut 8 B Quantity: 8 Dim. : M10 	Pos. 21 Name: Body plug Quantity: 1 
Pos. 4 Name: Right bracket Quantity: 1 	Pos. 10 Name: Rivet Quantity: 2 Dim. : ø4mm 	Pos. 16 Name: Plain washer Quantity: 4 Dim. : ø 13 mm 	
Pos. 5 Name: Left bracket Quantity: 1 	Pos. 11 Name: Bolt 8,8 B Quantity: 4 Dim. : M12x25mm 	Pos. 17 Name: Plain washer Quantity: 10 Dim. : ø 10,5 mm 	

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Towing hitch (without electrical set)

Class: **A50-X** Cat. no. **SC40A**
Designed for:
Manufacturer: **SEAT**
Model: **CORDOBA**
Type: **4 doors**
produced since 1994r. till 01.1996

Technical data:
D-value: **6,73 kN**
maximum trailer weight: **1200 kg**
maximum vertical cup load: **50 kg**

Approval number according to Directive 94/20/EC:
e20*94/20*0205*00

Foreword

This towbar is designed according to rules of safety traffic regulations. The towing hitch is a safety component and must be installed only by qualified personnel. Any alteration or conversion to the towinh 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:

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