

## 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

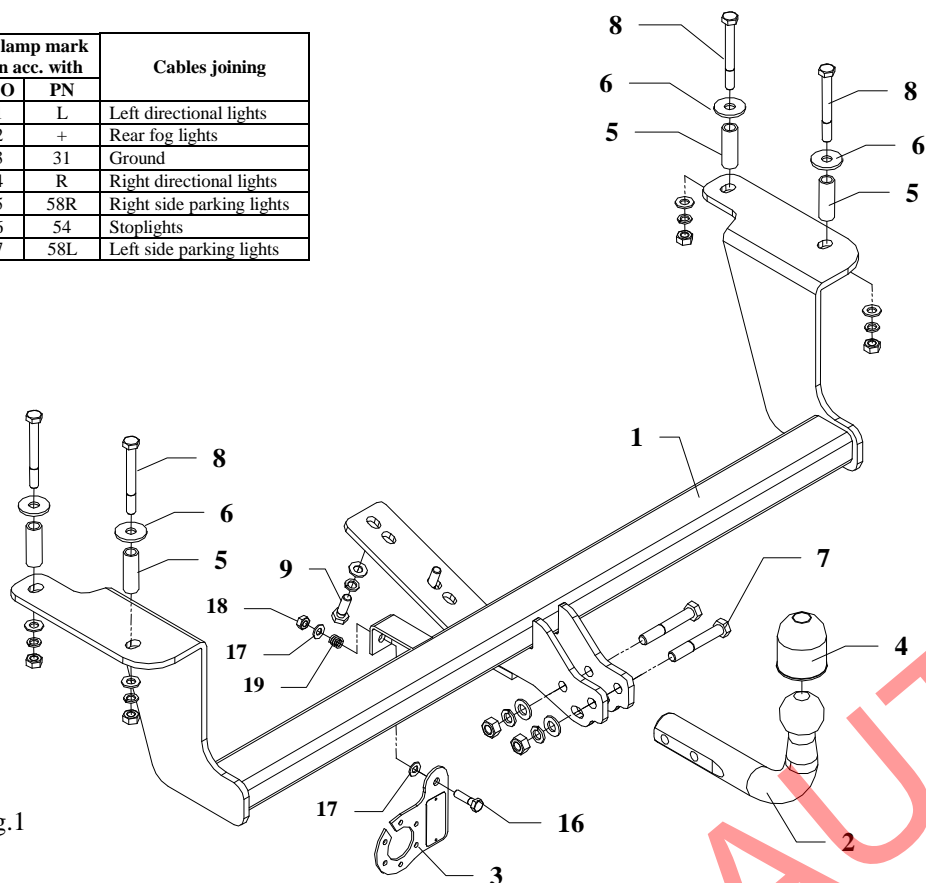


Fig.1

This towing hitch is designed to assembly in following car: **SUZUKI IGNIS 3/5 doors**, produced since 04.2003 (in Hungary), catalogue no. **W19** and is prepared to tow trailers max total weight **800 kg** and max vertical load **50 kg**.

### DE PRODUCATOR:

Vă mulțumim pentru achiziționarea produsului nostru. Fiabilitatea acestor produse a fost confirmată în numeroase teste. Fiabilitatea produselor depinde de asemenea și de asamblarea corectă și în ordinea specificată în aceste instrucțiuni. Din acest motive vă rugăm să citiți cu atenție instrucțiunile și să le urmați întocmai. Bara de tractare trebuie să fie instalată în punctele descrise de producătorul autovehiculului.

*The towing hitch should be install in points described by a car producer.*

## The instruction of the assembly

- To install this towing hitch You should:
  - take out carpet from boot, disassemble covers from side and rear part.
  - unscrew original tow handle (not used any more).
- From below the car are two holes  $\varnothing 12\text{mm}$  per side (per each chassis members side). Through this holes drill next holes to boot, next drill it again only in boot side using bit  $\varnothing 17\text{ mm}$  (Remember: only from boot and only in boot floor!). In this way prepared holes put distance sleeves  $L=50\text{ mm}$  (pos. 5) from towing hitch accessories.
- Put main bar of towing hitch (pos. 1) in that way, so holes in bar agree with holes in chassis members and with holes from original tow handle and screw all using bolts  $M10 \times 90\text{mm}$  (pos. 8) and  $M10 \times 35\text{mm}$  (pos. 9) – see figure.
- Tighten all bolts according to the torque shown in the table.
- Screw tow-ball (pos. 2) and socket plate (pos. 3) using bolts  $M12 \times 75\text{mm}$  (pos. 7) from accessories.
- Fix the socket plate (pos. 3) as shown on the drawing.
- Connect electric wires of 7-poles socket according to the instruction of the car. (Recommend to make at authorized service station)
- Complete the paint coating damaged during installation.

Torque settings for nuts and bolts (8,8):

<b>M6</b> - 11 Nm	<b>M 8</b> - 25 Nm	<b>M 10</b> - 50 Nm
<b>M 12</b> - 87 Nm	<b>M 14</b> - 138 Nm	<b>M16</b> - 210 Nm

### NOTE

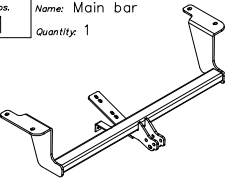








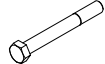









After install the towing hitch you should get adequate registration in registration book (at authorised service station).The car should be equipped with:

- Indicators
- Tow mirrors

After 1000km check all bolts and nuts. The ball of towing hitch must be always kept clear and conserve with a grease.



## Towing hitch accessories:

Pos. 1 Name: Main bar Quantity: 1 	Pos. 5 Name: Distance sleeve Quantity: 4 	Pos. 10 Name: Nut 8 B Quantity: 2 Dim.: M12 	Pos. 15 Name: Spring washer Quantity: 6 Dim.: ø 10,2 mm 
Pos. 2 Name: Tow-ball Quantity: 1 	Pos. 6 Name: Washer Quantity: 4 Dim.: ø35xø12x3mm 	Pos. 11 Name: Nut 8 B Quantity: 4 Dim.: M10 	Pos. 16 Name: Bolt 8,8 B Quantity: 1 Dim.: M8x30mm 
Pos. 3 Name: Socket plate Quantity: 1 	Pos. 7 Name: Bolt 8,8 B Quantity: 2 Dim.: M12x75mm 	Pos. 12 Name: Plain washer Quantity: 2 Dim.: ø 13 mm 	Pos. 17 Name: Plain washer Quantity: 2 Dim.: ø 8,5 mm 
Pos. 4 Name: Ball cover Quantity: 1 	Pos. 8 Name: Bolt 8,8 B Quantity: 4 Dim.: M10x90 mm 	Pos. 13 Name: Plain washer Quantity: 6 Dim.: ø 10,5 mm 	Pos. 18 Name: Nut 8 B Quantity: 1 Dim.: M8 
	Pos. 9 Name: Bolt 8,8 B Quantity: 2 Dim.: M10x35 mm 	Pos. 14 Name: Spring washer Quantity: 2 Dim.: ø 12,2 mm 	Pos. 19 Name: Spring Quantity: 1 

## Carlig remorcare Suzuki Ignis 2003- semidemontabil Auto-Hak

Class: A50-X Cat. no. W19

Designed for:

Manufacturer: SUZUKI

Model: IGNIS

Type: 3/5 doors

produced since 04.2003 (in Hungary)

Technical data:

D-value: 5,1 kN

maximum trailer weight: 800 kg

maximum vertical cup load: 50 kg

Approval number acc. to regulations EKG/ONZ 55.01: E20-55R-01 1251

Acesta bara de tractare este proiectata în conformitate cu normele de siguranță ale regulilor de circulație. Carligul de tractare este o componentă de siguranță și poate fi instalata numai de personal calificat. Orice modificare sau transformare facuta asupra cârligului de remorcare este interzisă și va duce la anularea certificării produsului. Indepartați materialul izolator de sub vehicul (dacă există) in zona de montare a ansamblului. Specificatiile de produs ale autovehiculului referitor la greutatea admisa pe vehicul, sunt extrem de importante. In acelasi timp, sarcina admisa pentru cârligul de remorcare nu poate fi depășită și poate fi calculata folosind relatia:

$$\frac{\text{Masa maxima a remorcii [kg]} \times \text{Masa maxima a masinii[kg]}}{\text{Masa maxima a remorcii [kg]} + \text{Masa maxima a masinii[kg]}} \times \frac{9,81}{1000} = D \text{ [kN]}$$