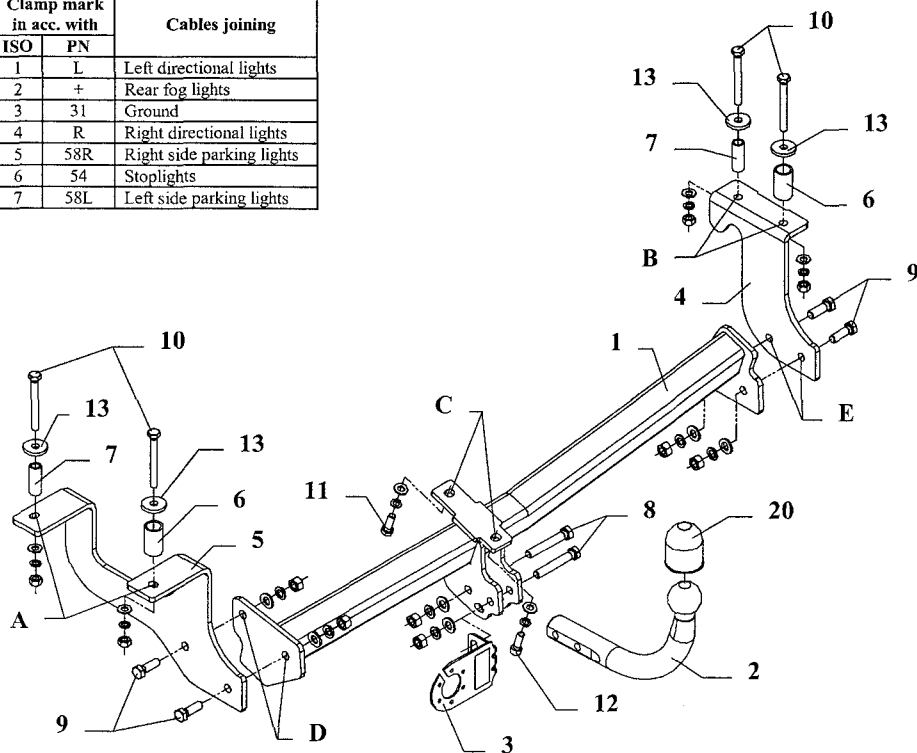


FITTING INSTRUCTION

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	Stoptlights
7	58L	Left side parking lights



This towbar is designed to assembly in following cars: **SUZUKI WAGON R+, 2+4WD (model 2003)** and **OPEL AGILA, 2+4WD (model 2003)**, produced since 09. 2002 till 2008, catalogue no. **W17** and is prepared to tow trailers max total weight **800 kg** and max vertical load **35 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

- For the purpose of installings of the towbar one ought to:
 - take out the rug from the trunk,
 - disassemble plastic covers from the side wall and rear plate,
 - unscrew original towing eye (not used any more),
 - unscrew a handle of petrol line from the left chassis member,
 - remove plastic covers from left and right chassis members,
 - remove plastic covers from luggage part.
- Cut the attached templates, then put them into the trunk on holes according to dimension $L=1076\text{mm}$ and mark this points.
- Drill according the drawing using bit $\varnothing 12\text{mm}$, then enlarge it as it is shown on the templates.
- Slide sleeves $L=45\text{mm}$ (pos. 6) and $L=47\text{mm}$ (pos. 7) to prepared holes.
- Slide brackets (pos. 4 and 5) (left side, from below the car) and fix it through holes (pos. A and B) - loosely.
- Slide the main bar of the towbar (pos. 1) between brackets (pos. 4 and 5) and fix it in the following way:
 - through holes (pos. C) using bolts $M10 \times 30\text{mm}$ (pos. 11 and 12) instead original towing eye, as shown on the drawing,
 - through holes (pos. D and E) using bolts $M12 \times 35\text{mm}$ (pos. 9) from the towbar accessories.
- Fix tow-ball (pos. 2) and socket plate (pos. 3) using bolts $M12 \times 75\text{mm}$ (pos. 8) from accessories.
- Tighten all bolts according to the torque shown in the table.
- 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 assembly.

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

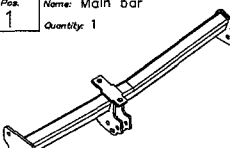
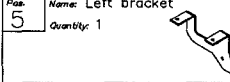
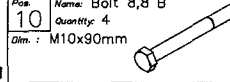
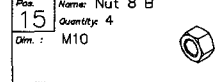
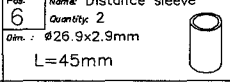
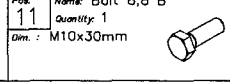
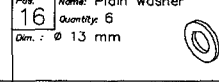
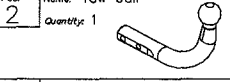
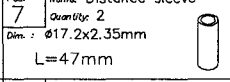
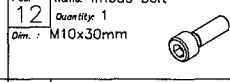
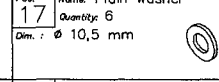
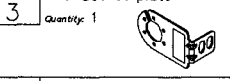
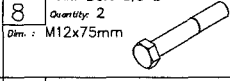
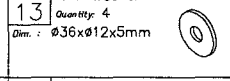
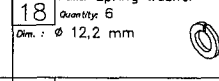
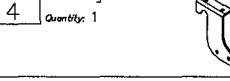
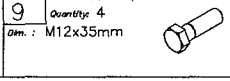
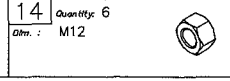
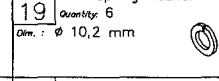
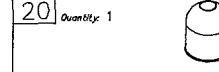
NOTE

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 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. 5 Name: Left bracket Quantity: 1 	Pos. 10 Name: Bolt 8,8 B Quantity: 4 Dim.: M10x90mm 	Pos. 15 Name: Nut 8 B Quantity: 4 Dim.: M10 
	Pos. 6 Name: Distance sleeve Quantity: 2 Dim.: Ø26.9x2.9mm L=45mm 	Pos. 11 Name: Bolt 8,8 B Quantity: 1 Dim.: M10x30mm 	Pos. 16 Name: Plain washer Quantity: 6 Dim.: Ø 13 mm 
Pos. 2 Name: Tow ball Quantity: 1 	Pos. 7 Name: Distance sleeve Quantity: 2 Dim.: Ø17.2x2.35mm L=47mm 	Pos. 12 Name: Imbus bolt Quantity: 1 Dim.: M10x30mm 	Pos. 17 Name: Plain washer Quantity: 6 Dim.: Ø 10,5 mm 
Pos. 3 Name: Socket plate Quantity: 1 	Pos. 8 Name: Bolt 8,8 B Quantity: 2 Dim.: M12x75mm 	Pos. 13 Name: Washer Quantity: 4 Dim.: Ø36xØ12x5mm 	Pos. 18 Name: Spring washer Quantity: 6 Dim.: Ø 12,2 mm 
Pos. 4 Name: Right bracket Quantity: 1 	Pos. 9 Name: Bolt 8,8 B Quantity: 4 Dim.: M12x35mm 	Pos. 14 Name: Nut 8 B Quantity: 6 Dim.: M12 	Pos. 19 Name: Spring washer Quantity: 6 Dim.: Ø 10,2 mm 
			Pos. 20 Name: Ball cover Quantity: 1 



PPUH AUTO-HAK S.J.

Produkcja Zaczepów Kulowych
Henryk & Zbigniew Nejman
76-200 SŁUPSK ul. Słoneczna 16K
tel/fax (059) 8-414-414; 8-414-413
E-mail: office@autohak.com.pl
www.autohak.com.pl

Towing hitch (without electrical set)

Class: **A50-X** Cat. no. **W17**

Designed for:

Manufacturer: **SUZUKI**

Model: **WAGON R+**

Type: **2+4WD (model 2003)**

and

Manufacturer: **OPEL**

Model: **AGILA**

Type: **2+4WD (model 2003)**

produced since 09.2002 till 2008

Technical data:

D-value: 5,07 kN

maximum trailer weight: **800 kg**

maximum vertical cup load: **35 kg**

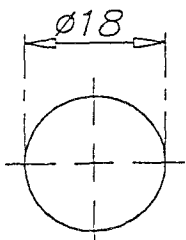
Approval number acc. to regulations EKG/ONZ 55.01: **E20-55R-01 0785**

Foreword

This towbar is designed according to rules of safety traffic regulations. The towing hitch is a safety component and can be installed 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 mating 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:

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



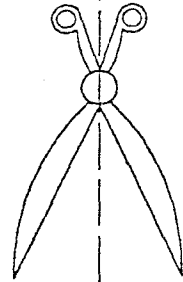
Attention:
Cut the place signed :



Points A,B, C, D first sign then drill

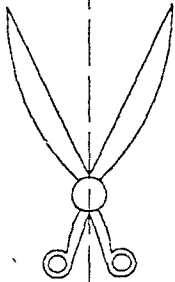
Left

Right



Position of the holes
 $L=1076$ mm

It is the real dimension in the car



Auto
HNK
76-200 Stupsk, Ul. Słoneczna 16 E

Suzuki Wagon R+ 2+4 WD, model 2003
Opel Agila 2+4 WD, model 2003

The rear bumper of the car

