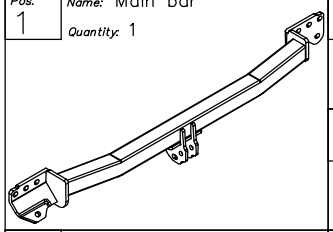
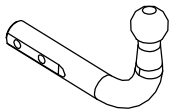
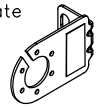
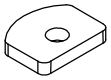
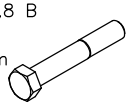
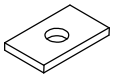
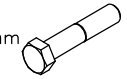
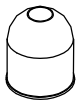
Towing hitch equipment:

Pos. 1 — Name: Main bar — Quantity: 1 	Pos. 6 — Name: Rectangular washer — Quantity: 2 	Pos. 12 — Name: Bolt 8,8 B — Quantity: 3 — Dim.: M12x50 mm 
	Pos. 7 — Name: Plain washer — Quantity: 1 — Dim.: ø33xø13x6mm 	Pos. 13 — Name: Bolt 8,8 B — Quantity: 4 — Dim.: M12x35 mm 
Pos. 2 — Name: Ball — Quantity: 1 	Pos. 8 — Name: Washer — Quantity: 2 — Dim.: ø35xø12x4mm 	Pos. 14 — Name: Nut 8 B — Quantity: 10 — Dim.: M12 
Pos. 3 — Name: Socket plate — Quantity: 1 	Pos. 9 — Name: Washer — Quantity: 2 — Dim.: ø35xø12x3mm 	Pos. 15 — Name: Washer — Quantity: 10 — Dim.: ø13mm 
Pos. 4 — Name: Semicircular washer — Quantity: 2 	Pos. 10 — Name: Bolt 8,8 B — Quantity: 2 — Dim.: M12x75 mm 	Pos. 16 — Name: Spring washer — Quantity: 10 — Dim.: ø12,2mm 
Pos. 5 — Name: Rectangular washer — Quantity: 2 	Pos. 11 — Name: Bolt 8,8 B — Quantity: 1 — Dim.: M12x60 mm 	Pos. 17 — Name: Ball cover — Quantity: 1 

PPUH AUTO-HAK Sp.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. **V57**
Designed for:
Manufacturer: **NISSAN**
Model: **PRIMERA**
Type: **KOMBI (W10)**
produced since 07.1990 till 04.1998

Technical data:
D-value: **8,12 kN**
maximum trailer weight: **1500 kg**
maximum vertical cup mass: **75 kg**

Approval number according to Directive 94/20/EC: e20*94/20*0360*00

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

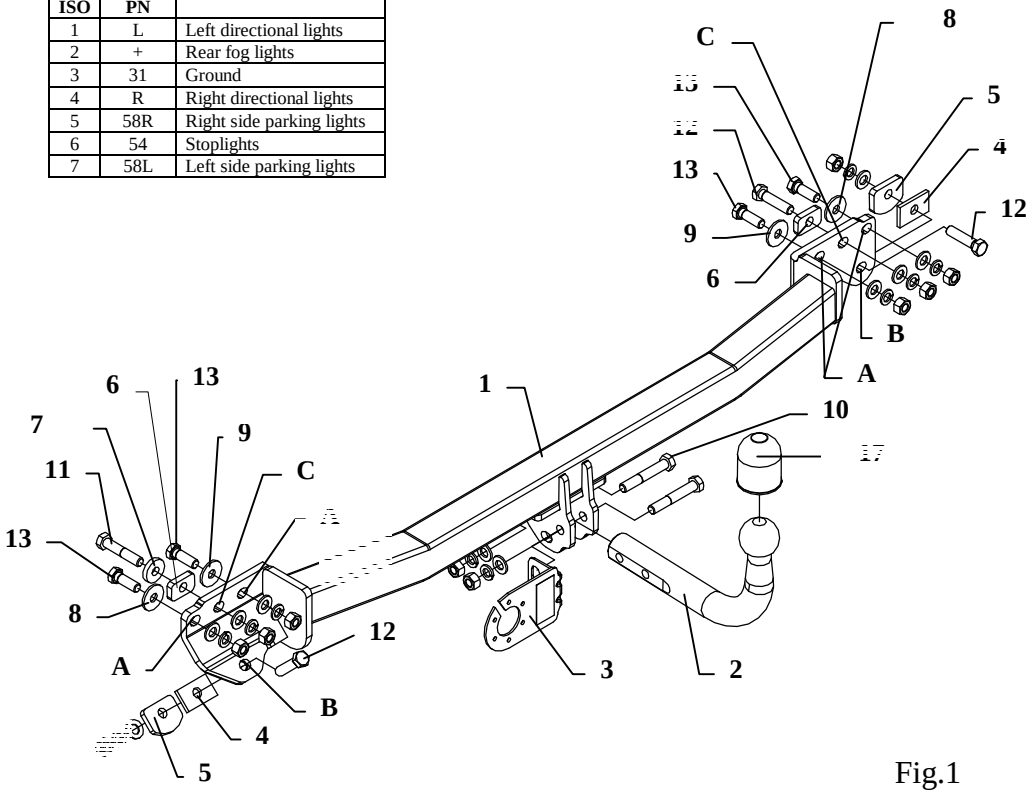


Fig.1

This towing hitch is designed to assembly in following cars: **NISSAN PRIMERA ESTATE (W10),** produced since 07.1990 till 04.1998, catalogue number **V57** and is prepared to tow trailers max total weight **1500** kg and max vertical load **75** kg.

Foreword

Thank you for buying our product. This towing hitch is design according to rules of safety traffic regulations and their reliability has been confirmed in many tests. Reliability of towing hitch also depends on correct assembly and correct exploitation. For this reasons we kindly ask to read carefully this instruction and apply to hints.

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

The instruction of the assembly

1. Disassemble a bumper and metal reinforcement of bumper (not used any more).
2. Put towing hitch (pos. 1) to rear part of car in that way so holes (pos. A) agree with ptotruding pins and holes (pos. B) with original tow brackets. In point (pos. B) fix using bolts M12x50mm, use washers (pos. 4 and 5). NOTE! Tight close towing hitch to rear part and tow brackets.
3. Remove four small bolts (pos. A) (break welds), and next drill holes of towing hitch (pos. A and C) using bit ø13 mm.
4. Fix towing hitch through drilled holes – see fig. 1 (use distnance washer (pos. 6) in point C.
5. Tighten all bolts according to the torque shown in the table.
6. Fix tow-ball (pos. 2) and socket plate (pos. 3) using bolts M12x75mm (pos. 10) from equipment.
7. Connect electric wires of 7-bolts socket according to the instruction of the car. (Recommend to make at authorized service station)
8. Complete the paint coating 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 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 of exploitation check all bolts and nuts. The ball of towing hitch must be always kept clear and conserve with a grease.