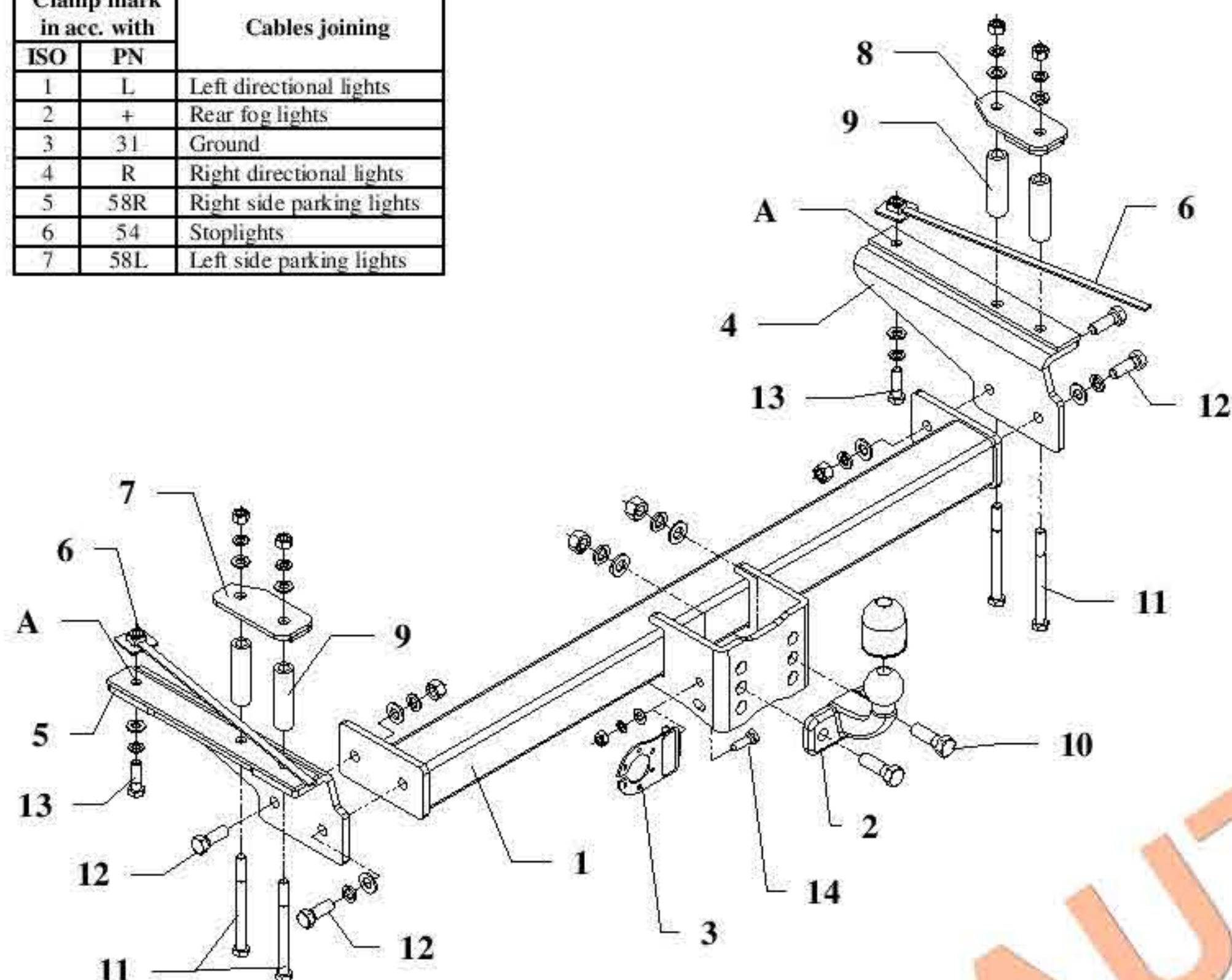


FITTING INSTRUCTION

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



This towbar is designed to assembly in following cars:
NISSAN PATROL GR (Y60), produced since 01.1989 till 12.1997,
 catalogue no. **V09** and is prepared to tow trailers max total weight **3000 kg**
 and max vertical load **100 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 installing in points described by a car producer.

1. Demontati barele de protecție din spate.

2. Locul consolelor laterale ale barei de protecție (poz. 4 și 5) de sub masina in în acest fel, astfel încât găuri în paranteze sunt de acord cu găuri în șasiu cadru.

- Fructe cu coajă lemnoasă pe săgeate (poz. 6) a pus în ramă și fixați lejer prin găurile pos. A (în paranteze).

- Pune în cadru mâneci la distanță $\varnothing 25 \times 5 \text{ mm}$, $L = 87 \text{ mm}$ (poz. 9), în acest mod, astfel corespund cu găuri în paranteze laterale (poz. 4 și 5). eclise de cap pus (Poz. 8 și 9) și fixați lejer cu șuruburi M12x140mm (poz. 11).

3. Între paranteze laterale instalate (poz. 4 și 5) a pus bara de principal al barei de tractare

(Poz. 1) și fixați cu șuruburi M14x40mm (poz. 12).

4. Fix-unitatea barei de remorcare (poz. 2), cu ajutorul șuruburilor M16x50mm (poz. 10) din dispozitivul accesorii.

5. Fixeaza placa soclu (poz. 3), folosind șurubul M10x30mm (poz. 14), așa cum se arată figura.

6. Strângeți toate șuruburile conform cuplului indicat în tabel.

7. Conectați cablurile electrice de la priză cu 7 poli de conform instrucțiunilor de masina. (Recomandat montajul la o stația de service autorizat).

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 towbar you should get adequate note in registration book (at authorised service station).The car should be equipped with:

- Indicators
- Tow mirrors

Check all bolts and nuts after 1000km of exploitation. The ball of towbar must be always kept clear and conserve with a grease.

S.C. AUTO GEDAL IMPEX S.R.L.

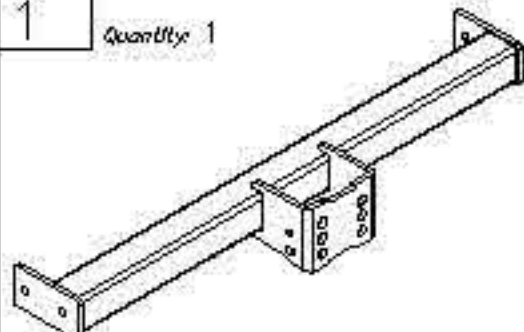
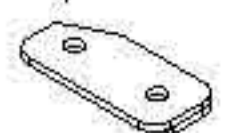
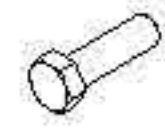
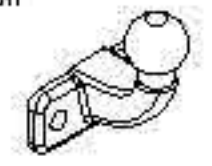
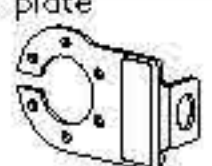
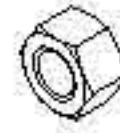
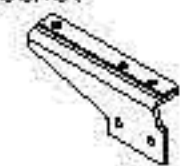
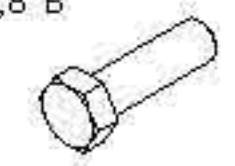
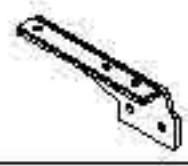
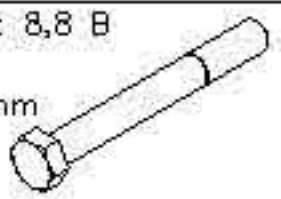
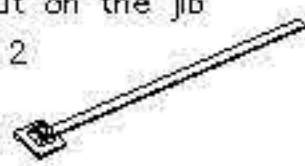
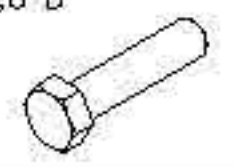
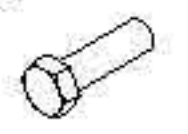
Tel: +40 745.805.990 / +40 737.122.471

Email: autogedal@gmail.com

office@auto-hak.ro

Web Page: www.auto-hak.ro

Towbar accessories:

Pos. 1 Name: Main bar Quantity: 1 	Pos. 7 Name: Right fish-plate Quantity: 1 	Pos. 14 Name: Bolt 8,8 B Quantity: 1 Dim.: M10x30mm 	Pos. 21 Name: Spring washer Quantity: 6 Dim.: Ø 12,2 mm 
Pos. 2 Name: Tow ball Quantity: 1 	Pos. 8 Name: Left fish-plate Quantity: 1 	Pos. 15 Name: Plain washer Quantity: 2 Dim.: Ø 17 mm 	Pos. 22 Name: Spring washer Quantity: 1 Dim.: Ø 10,2 mm 
Pos. 3 Name: Socket plate Quantity: 1 	Pos. 9 Name: Distance sleeve Quantity: 4 Dim.: Ø25x5mm L=87mm 	Pos. 16 Name: Plain washer Quantity: 4 Dim.: Ø 14 mm 	Pos. 23 Name: Nut 8 B Quantity: 2 Dim.: M16 
Pos. 4 Name: Right bracket Quantity: 1 	Pos. 10 Name: Bolt 8,8 B Quantity: 2 Dim.: M16x50mm 	Pos. 17 Name: Plain washer Quantity: 6 Dim.: Ø 12,5 mm 	Pos. 24 Name: Nut 8 B Quantity: 2 Dim.: M14 
Pos. 5 Name: Left bracket Quantity: 1 	Pos. 11 Name: Bolt 8,8 B Quantity: 4 Dim.: M12x140mm 	Pos. 18 Name: Plain washer Quantity: 1 Dim.: Ø 10,5 mm 	Pos. 25 Name: Nut 8 B Quantity: 4 Dim.: M12 
Pos. 6 Name: Nut on the jib Quantity: 2 	Pos. 12 Name: Bolt 8,8 B Quantity: 4 Dim.: M14x40mm 	Pos. 19 Name: Spring washer Quantity: 2 Dim.: Ø 16,3 mm 	Pos. 26 Name: Nut 8 B Quantity: 1 Dim.: M10 
	Pos. 13 Name: Bolt 8,8 B Quantity: 2 Dim.: M12x40mm 	Pos. 20 Name: Podkładka sprężynowa Quantity: 4 Dim.: Ø 14,2 mm 	Pos. 27 Name: Ball cover Quantity: 1 

Towing hitch (without electrical set)

Class: A50-X Cat. no. V09

Designed for:

Manufacturer: NISSAN

Model: PATROL GR

Type: (Y60)

produced since 08.1992 till 2002

Technical data:

D-value: 16,63 kN

maximum trailer weight: 3000 kg

maximum vertical cup load: 100 kg

Approval number according to Directive 94/20/EC: e20*94/20*0617*00

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 whereat values for the towing hitch cannot be exceeded.

D-value formula:

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