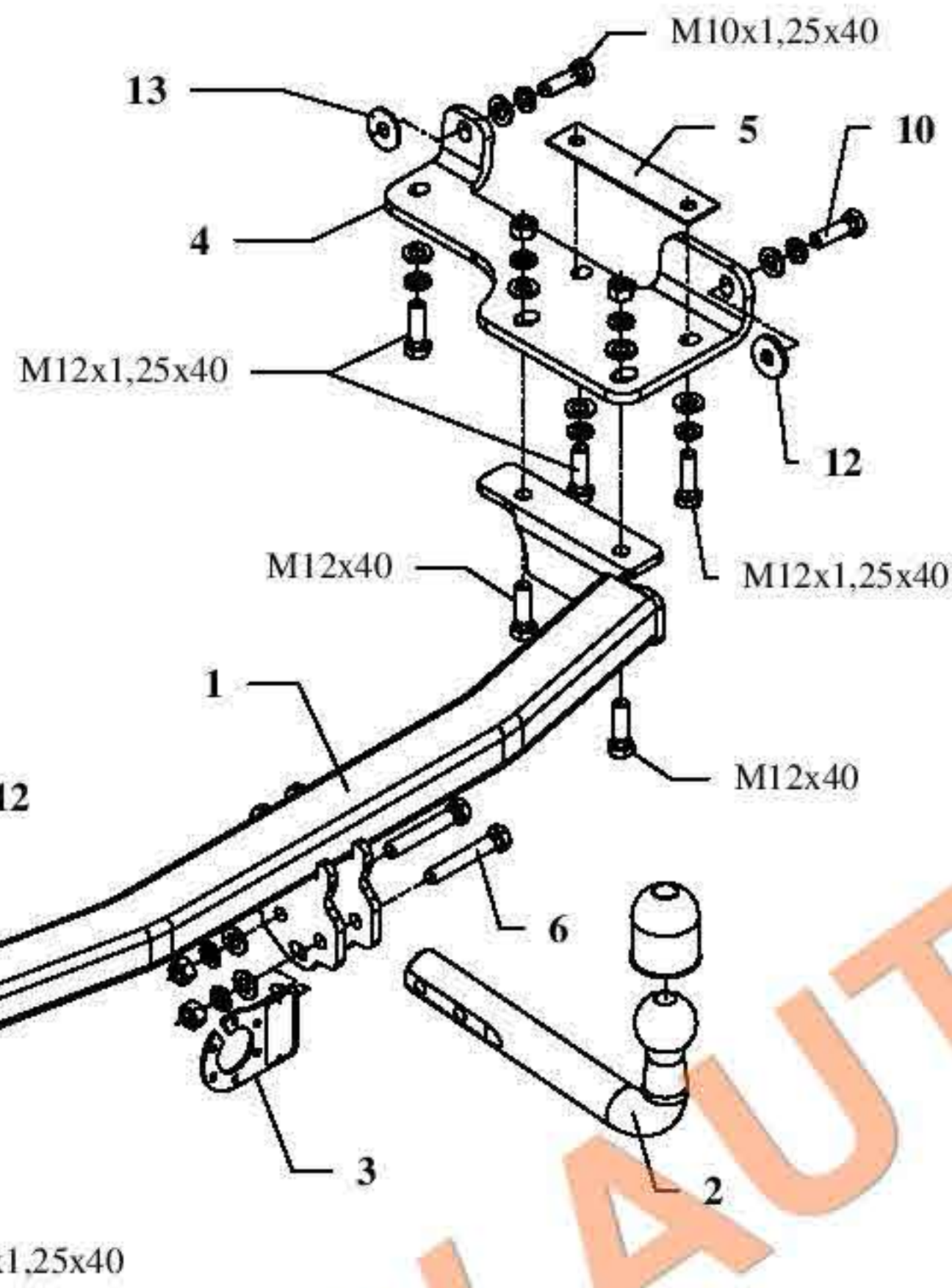


FITTING INSTRUCTION

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 MURANO (Z50)**, produced since 11.2004 till 2008, catalogue no. **V62** and is prepared to tow trailers max total weight **1500kg** 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 install in points described by a car producer.

INSTRUCTIUNI MONTAJ

1. Demontați o bară de protecție din spate.
2. În partea de jos a barei de protecție tăiați fragment (în axa), în conformitate cu figura 2.
3. Demontați capacul inferior și taie fragmente în conformitate cu figura 3.
4. La elementul de șasiu dreapta fixați consola dreapta (poz. 4), prin intermediul unor șuruburi M12x1,25x40mm (Poz. 8) și M10x1,25x40mm (poz. 10) - vag. Utilizați șaibe mari $\varnothing 35 \times 12 \times 4 \text{ mm}$ (Poz. 12) și $\varnothing 35 \times 12 \times 2$ (poz. 13) și rectangulare de pește-placă (poz. 5), a se vedea figura 1.
5. La elementul de șasiu din stânga fixați bara de principal al barei de tractare (poz. 1), prin intermediul unor șuruburi M12x1,25x40mm (poz. 8) și M10x1,25x40mm (poz. 10). Pe de fixați din partea dreaptă bara principală de la consola deja instalat (poz. 4), cu ajutorul șuruburilor M12x40mm (poz. 9).
6. Fixați cuplajul sferic (poz. 2) cu placa de soclu (poz. 3), cu ajutorul șuruburilor M12x75mm (poz. 6) și M12x70mm (poz. 7), de la accesorii.
7. Strângeți toate șuruburile conform cuplului indicat în tabel.
8. Conectați cablurile electrice de priză cu 7 poli de conform instrucțiunilor mașinii. (Recomandat montajul la o stația de service autorizata).

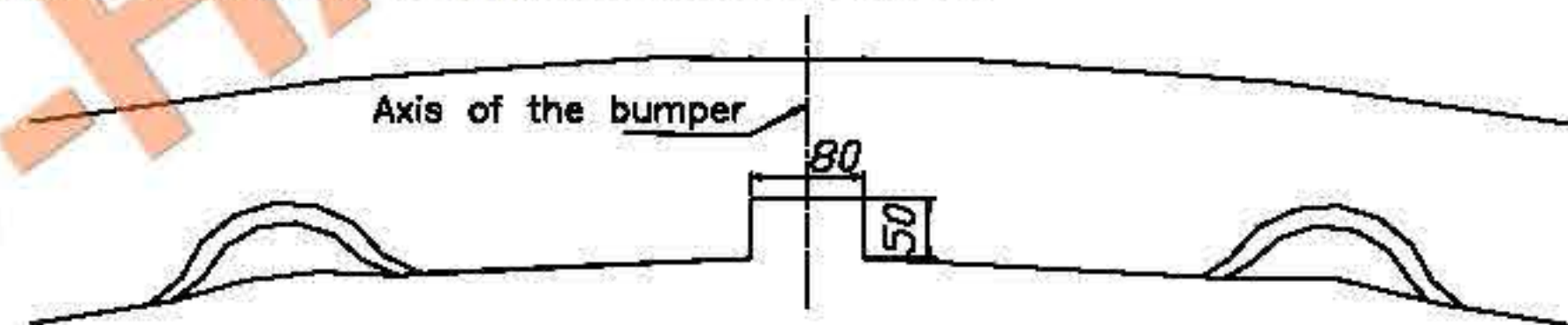


Fig. 2. Bumper cut out

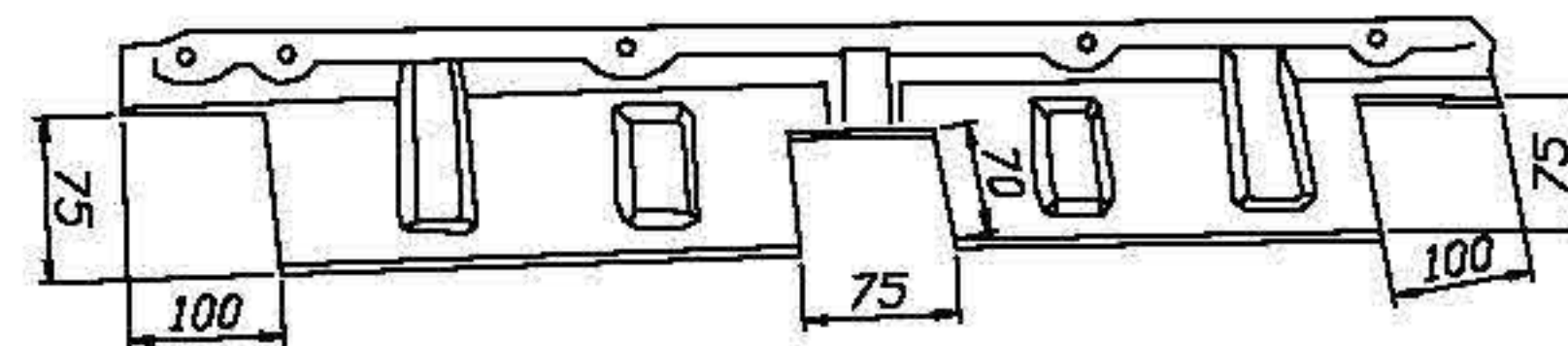


Fig. 3. Cover plate cut out

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

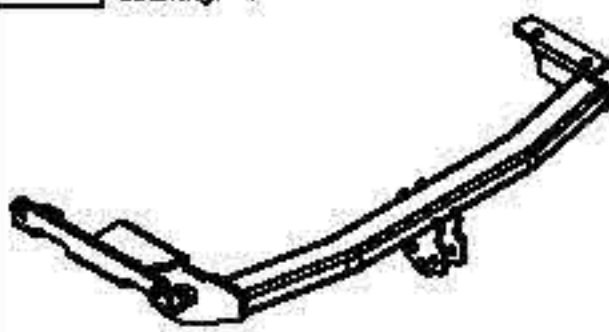
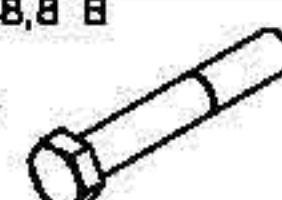
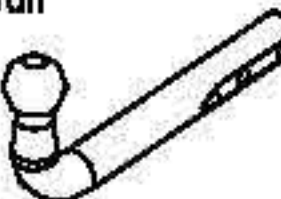
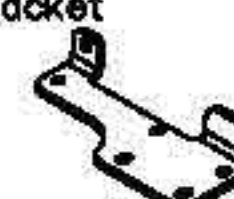
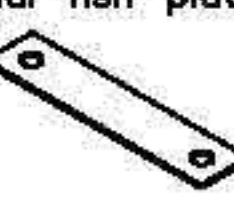
NOTE

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

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. 6	Name: Bolt 8,8 B Quantity: 1 Dim.: M12x75mm	Pos. 12	Name: Washer Quantity: 2 Dim.: Ø35xØ12x4mm
		Pos. 7	Name: Bolt 8,8 B Quantity: 1 Dim.: M12x70mm	Pos. 13	Name: Washer Quantity: 2 Dim.: Ø35xØ12x2mm
					
Pos. 2	Name: Tow ball Quantity: 1	Pos. 8	Name: Bolt 8,8 B Quantity: 6 Dim.: M12x1,25x40mm	Pos. 14	Name: Plain washer Quantity: 10 Dim.: Ø 13 mm
					
Pos. 3	Name: Socket plate Quantity: 1	Pos. 9	Name: Bolt 8,8 B Quantity: 2 Dim.: M12x40mm	Pos. 15	Name: Spring washer Quantity: 10 Dim.: Ø 12,2 mm
					
Pos. 4	Name: Right bracket Quantity: 1	Pos. 10	Name: Bolt 8,8 B Quantity: 4 Dim.: M10x1,25x40mm	Pos. 16	Name: Plain washer Quantity: 4 Dim.: Ø 10,5 mm
					
Pos. 5	Name: Rectangular fish-plate Quantity: 1	Pos. 11	Name: Nut 8,8 B Quantity: 4 Dim.: M12	Pos. 17	Name: Spring washer Quantity: 4 Dim.: Ø 10,2 mm
					
			Pos. 18	Name: Ball cover Quantity: 1	

Towing hitch (without electrical set)

Class: A50-X Cat. no. V62

Designed for:

Manufacturer: NISSAN

Model: MURANO (Z50)

produced since 11.2004 till 2008

Technical data:

D-value: 9,1 kN

maximum trailer weight: 1500 kg

maximum vertical cup load: 100 kg

Approval number according to Directive 94/20/EC: e20*94/20*0093*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:

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