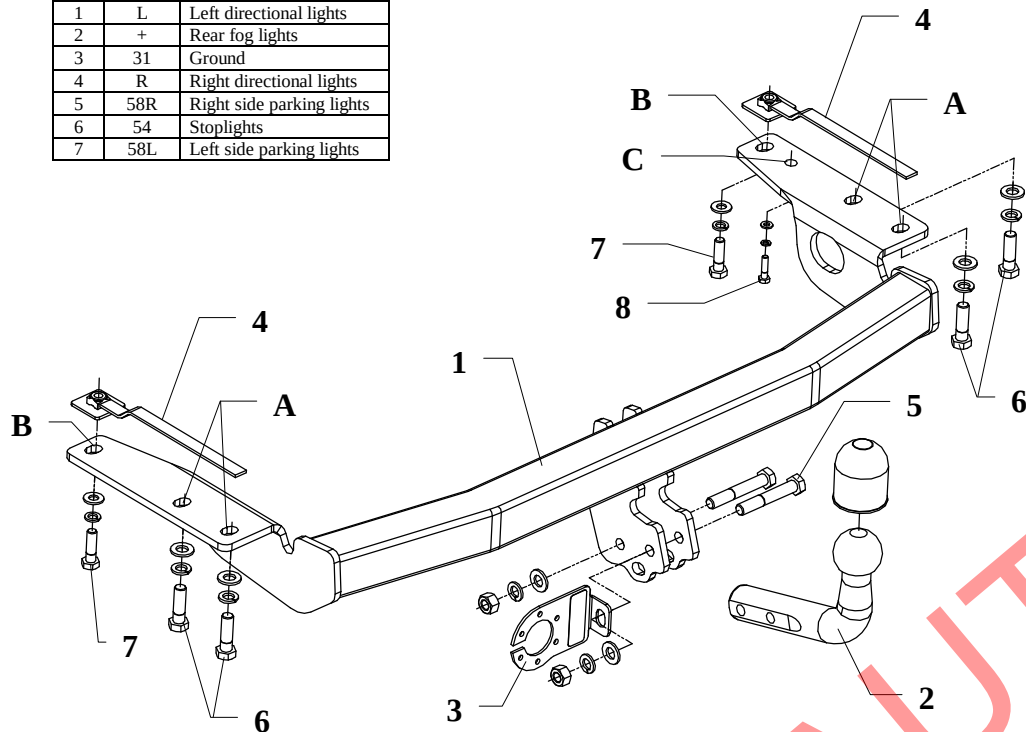


FITTING INSTRUCTION

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 towing hitch is designed to assembly in following cars:
TOYOTA COROLLA (E12), 3/5 door, produced since 01.2002 till 2007,
 catalogue no. **O47** and is prepared to tow trailers max total weight **1300 kg**
 and max vertical load **75 kg**.

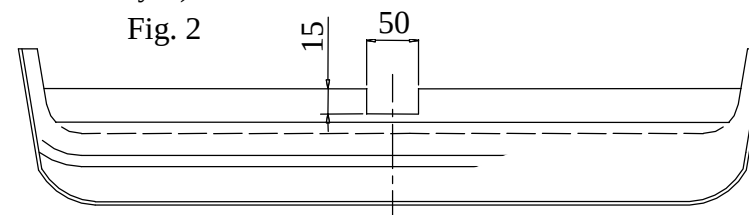
DE PRODUCATOR:

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 producatorul autovehiculului.

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

The instruction of the assembly

1. Disassemble the rear bumper, original tow eye and metal support of bumper.
2. Disassemble the muffler and the thermal shield.
3. Put the main bar of the towing hitch (pos. 1) to the chassis member. Do it in such a way that holes (pos. A) cover original holes and fix it using M12x1,25x 40mm (pos. 6).
- Attention!!!** The right side fit together with dismantled earlier original tow eye.
4. Put nuts M10 (pos. 4) to the chassis members. Do it in such a way that they cover holes (pos. B) and fix it using bolts M10x35mm (pos. 7).
5. Fix the thermal shield using one original bolt and one bolt from the towing hitch accessories M6x25mm (pos. 8) which is fixed through hole (pos. C).
6. Reassemble the muffler and metal support of bumper.
7. Reassemble the bumper, earlier cutting it according to fig. 2.
8. Fix ball of towing hitch (pos. 2) with socket plate (pos. 3) and fix with M12x75mm bolts from the towing hitch accessories.
9. Tighten all nuts and bolts according to the torque shown in the table.
10. Connect to the electric wires according to the instructions of the car.
11. Complete the paint cover of towing hitch (during the mounting paint cover could be destroyed).



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

M 8 - 25 Nm **M 10** - 55 Nm
M 12 - 85 Nm **M 14** - 135 Nm

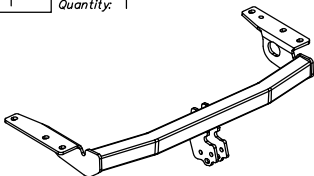
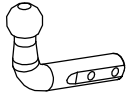
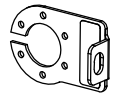
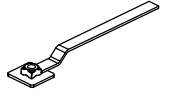
NOTE

After install the towing hitch 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 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: Bolt 8,8 B Quantity: 2 Dim.: M12x75mm	Pos. 11	Name: Plain washer Quantity: 2 Dim.: Ø 10,5 mm
		Pos. 6	Name: Bolt 8,8 B Quantity: 4 Dim.: M12x1,25x40mm	Pos. 12	Name: Plain washer Quantity: 1 Dim.: Ø 6,5 mm
		Pos. 7	Name: Bolt 8,8 B Quantity: 2 Dim.: M10x35mm	Pos. 13	Name: Spring washer Quantity: 6 Dim.: Ø 12,2 mm
Pos. 2	Name: Tow ball Quantity: 1	Pos. 8	Name: Bolt 8,8 B Quantity: 1 Dim.: M6x25mm	Pos. 14	Name: Spring washer Quantity: 2 Dim.: Ø 10,2 mm
		Pos. 9	Name: Nut 8 B Quantity: 2 Dim.: M12	Pos. 15	Name: Spring washer Quantity: 1 Dim.: Ø 6,2 mm
Pos. 3	Name: Socket plate Quantity: 1	Pos. 10	Name: Plain washer Quantity: 6 Dim.: Ø 13 mm	Pos. 16	Name: Ball cover Quantity: 1
					
Pos. 4	Name: Nut on the jib Quantity: 2				
					



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Carlig remorcare Toyota Corolla 2002-2007 semidemontabil Auto-Hak

Class: A50-X Cat. no. O47

Designed for:

Manufacturer: TOYOTA

Model: COROLLA

Type: 3/5 door (E12)

produced since 01.2002 till 2007

Technical data:

D-value: 7,14 kN

maximum trailer weight: 1300 kg

maximum vertical cup load: 75 kg

Approval number acc. to regulations EKG/ONZ 55.01: **E20-55R-01 0696**

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 si poate fi calculata folosind relatia:

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