

## ISTRUZIONI DI MONTAGGIO

FITTING INSTRUCTIONS  
 INSTRUCTIONS DE MONTAGE  
 MONTAGEANLEITUNG  
 INSTRUCCIONES DE MONTAJE

<b>DISPOSITIVO DI TRAINO TIPO</b> TOWING BRACKET TYPE DISPOSITIF DE REMORQUAGE TYPE ANHAENGEVORRICHTUNG TYP DISPOSITIVO DE CAREO TIPO	<h1>13145/F</h1>
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<b>PER AUTOVEICOLI</b> FOR CARS POUR AUTOS FÜR KRAFTFAHRZEUGE PARA AUTOVEHICULO	<h2>FIAT SEDICI/ SUZUKI SX4</h2>	
<b>TYPE</b>	<b>FY, EY</b>	<b>2006 →</b>
<b>CLASSE E TIPO DI ATTACCO</b> CLASS AND HITCH TYPE CLASSE ET TYPE DE CROCHET KLASSE UND BEFESTIGUNGSART CLASES DE ACOPLAMIENTO	<b>OMOLOGAZIONE</b> HOMOLOGATION HOMOLOGATION ZULASSUNG APROBACION	<b>CARICO VERTICALE MAX</b> S VALUE MASSE VERTICALE MAXIMUM ZUL. STUETZLAST CARGA MAX. VERTICAL
<b>F</b>	<b>e3 00 – 7319</b> (DIR. 94/20/CE)	<b>S = kg 85</b>
<b>VALORE D</b> D VALUE VALEUR D D WERT VALOR D	<b>D = 7,8 kN</b>	$D = \left[ \begin{array}{c} \text{Car} \times \text{Bolt} \\ \text{Car} + \text{Bolt} \end{array} \right] \times 0,00981 \leq 7,8 \text{ kN}$

<b>COPPIA DI SERRAGGIO PER VITI (8.8):</b> TORQUE SETTINGS FOR NUTS AND BOLTS (8.8): COUPLE DE SERRAGE POUR VIS (8.8): SCHRAUBENANZUGSMOMENT (8.8): MOM. DE PRESION PARA TORNILLOS Y TUERCAS (8.8):	M6 = 10 Nm      M8 = 25 Nm M10 = 55 Nm      M12 = 85 Nm M14 = 135 Nm      M16 = 200 Nm
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## SAFETY INSTRUCTIONS

- Make sure that the towbar is suitable for the vehicle before starting the installation.
- For safety, all work involving towbar installation (incl. electrical components) must be undertaken by skilled technicians.
- Damaged components must be replaced with manufacturer's spares and fitted by qualified staff.
- It is forbidden to make any modification or structural repair to towing assembly.
- The towball must be kept clean and lubricated. For added safety, its diameter (50 mm) must be checked at regular intervals. If the towball measures less than 49 mm after selected readings across the diameter, the towball must be replaced with a new one.
- After 1000 km of towing, check torque settings for nuts and bolts, in accordance with the table.
- Umbra Rimorchi cannot be held responsible for any defects in the product caused by fault or by any injudicious use whatever of the user or a person he is liable for.

# FITTING INSTRUCTIONS

## 13145/F

Remove below the vehicle any mastic from contact points between the car body and the tow bar; then paint mastic free pieces with anti rust paint. The holes for the tow bar fixing are available. The holes for the tow bar fixing are available.

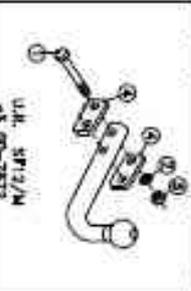
1. Remove the rear bumper; remove and eliminate the inner reinforcement bar;
2. Remove the shackles for fixing the luggages (if presents), the back part, the floor, the right and left sides of the boot's inner coating;
3. Coincide the holes "Y" of the plates "A" with the crosses placed on the lateral side of the boot, mark the holes "3", "4", "5" and "6", remove the plates and drill the holes "3" with a bit of  $\varnothing 9$  and the other holes with a bit of  $\varnothing 11$  *only the upper part*.
4. Mark the holes "5" and "6" on the chassis-rails beneath the vehicle as shown in the enclosed layout and drill only the lower part with a bit of  $\varnothing 11$  and widen the holes "4" to  $\varnothing 21$  only the lower part;
5. Widen the holes "5" and "6" of  $\varnothing 21$  inside of the boot and insert the spacers "C" and "D" (**pay attention to the right inclination**), lean the plates "A" and lower the screws "3", "4", "5" and "6";
6. Fix the screws "3" beneath the vehicle and then insert the spacer "B" inside of the chassis-rail, lean the tie-rods "E" and "F", tighten the screws "4", "5" and "6";
7. Interpose the cross bar "G" to the tie-rods "E" and "F" already installed, referring to the holes "2"; insert and fix the screws;
8. Tighten all bolts and nuts as shown in the enclosed layout;
9. Connect the wirings to the socket, following the car booklet's instructions "*use and maintenance*" and the positions as shown in the enclosed wiring kit layout;
10. Make two cuts on the central and lower part of the bumper and on the shackles for the luggages fixing as shown in the enclosed "ATTACHEMENTS";
11. Back together the right and left sides, the back part and the floor of the boot's inner coating with its shackles for the luggages fixing (if presents);
12. Back together the bumper.

## DISAPPEARING ELECTRICAL SOCKETHOLDER

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# 13145

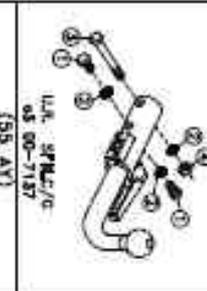
13145/F	
①	M12x85 (8.8)
②	12.0x27x2.5
③	M12 (8.8)
④	SPES5001 SPES2001
⑤	2x



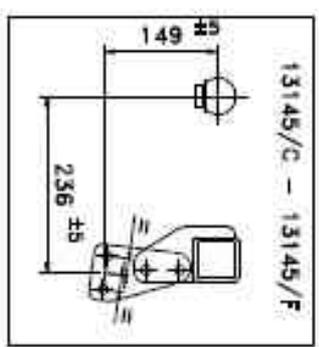
U.L. SP72/N  
03 00-7873  
(F55A)

①	-	M12			
②	4x	M10x30	10x22x1.5	M10	
③	5x	M8x20	8x18x1.4	M8	
④	2x	M10x100	#20x4 Lg. 72.5mm	10x22x1.5	M10
⑤	2x	M10x110	#20x4 Lg. 77mm	10x22x1.5	M10
⑥	2x	M10x120	#20x4 Lg. 90mm	10x22x1.5	M10

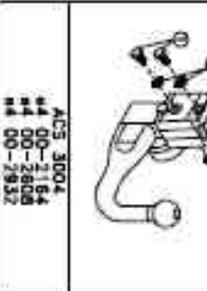
13145/C	
①	M12x85 (8.8)
②	12.0x27x2.5
③	M12x85 (8.8)
④	1x



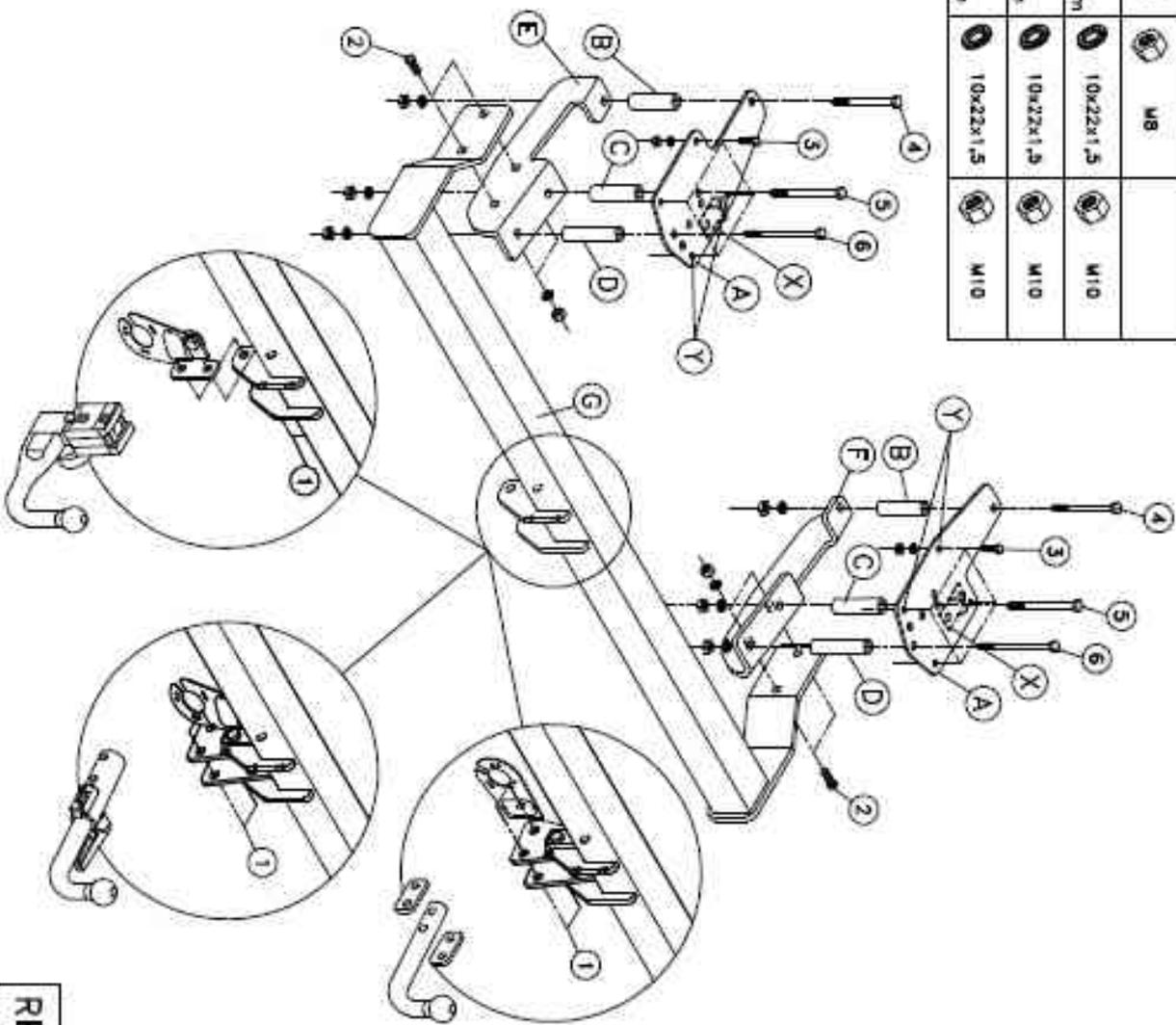
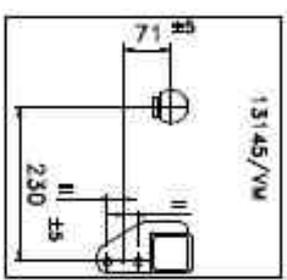
U.L. SP72/C  
03 00-7187  
(55 AV)



13145/VM	
①	M12x80 (8.8)
②	M12x25 (8.8)
③	12.0x27x2.5

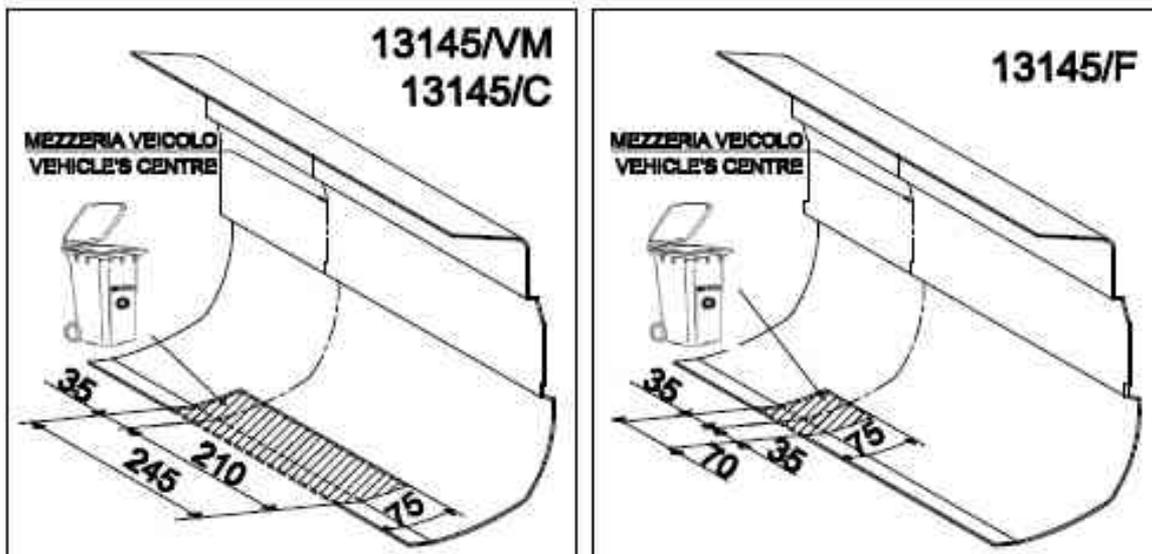


ACS 3004  
04 00-2184  
04 00-2808  
04 00-7832

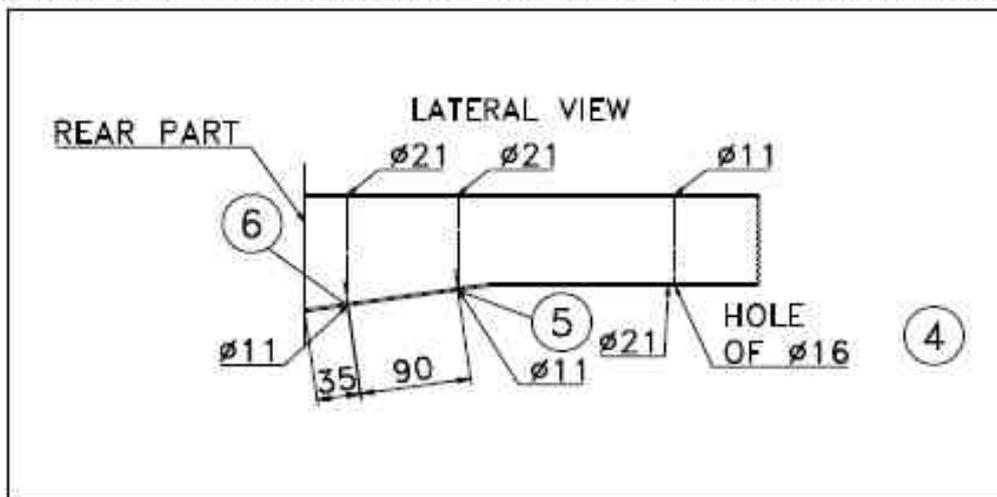


REV.02

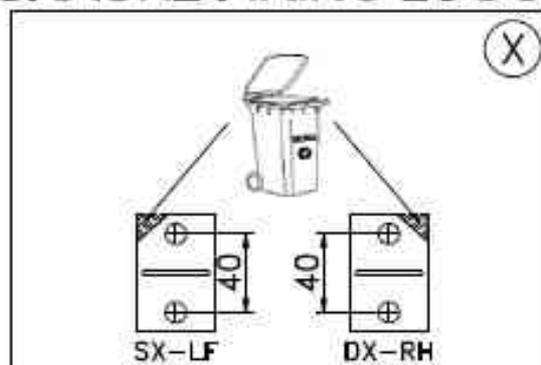
## TAGLIO PARARTI BUMPER'S CUT



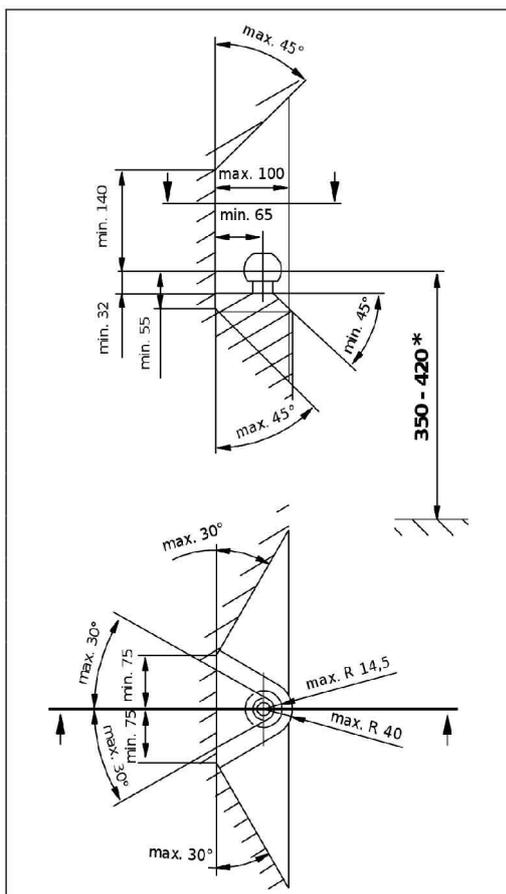
## FORATURA LONGHERONI PARTE INFERIORE DRILLING CHASSIS-RAILS' LOWER PART



## TAGLIO ANELLO FISSAGGIO BAGAGLI CUT SHACKL FIXING LUGGAGES



- D** Der Freiraum nach Anhang VII, Abbildung 30 der Richtlinie 94/20/EG ist zu gewährleisten.
- CZ** Volný prostor ve smyslu Přílohy VII, obr. 30 Směrnice č. 94/20/EG musí být zaručen.
- DK** Frirummet skal overholdes iht. bilag VII, fig. 30 i direktiv 94/20/EF.
- E** Debe garantizarse el espacio libre, conforme al anexo VII, imagen 30 de la directiva comunitaria 94/20/CE.
- F** L'espace libre doit être garanti conformément à l'annexe VII, illustration 30 de la directive 94/20/CE.
- FIN** Liitteen VII, direktiivin 94/20/EY kuvan 30 mukainen vapaatila on taattava.
- GB** The clearance specified in appendix VII, diagram 30 of guideline 94/20/EC must be guaranteed.
- GR** Πρέπει να εξασφαλιστεί ο ελεύθερος χώρος σύμφωνα με το Παράρτημα VII, εικόνα 30 της Οδηγίας 94/20/ΕΚ.
- I** Deve essere garantito lo spazio libero secondo l'allegato VII, figura 30 della direttiva 94/20/CE.
- N** Frirummet etter tillegg VII, figur 30 i direktiv 94/20/EØF skal overholdes.
- NL** De tussenruimte volgens aanhangsel VII, afbeelding 30 van de richtlijn 94/20/EG moet in acht worden genomen.
- PL** Zagwarantować swobodną przestrzeń zgodnie z załącznikiem VII, rysunek 30 dyrektywy 94/20/CE.
- S** Glappet enligt bilaga VII, bild 30 i direktiv 94/20/EG ska garanteras.



- D** \* bei zulässigem Gesamtgewicht des Fahrzeuges
- CZ** \* při celkové přípustné hmotnosti vozidla
- DK** \* ved tilladt totalvægt for køretøjet
- E** \* con peso total autorizado del vehículo
- F** \* pour poids total en charge autorisé du véhicule
- FIN** \* Ajoneuvon suurimmalla sallitulla kokonaispainolla
- GB** \* at gross vehicle weight rating
- GR** \* για το επιτρεπτό μικτό βάρος του οχήματος
- I** \* per il peso complessivo ammesso del veicolo
- N** \* ved kjøretøyets tillatte totalvekt
- NL** \* bij toegestaan totaal gewicht van het voertuig
- PL** \* przy dopuszczalnym ciężarze całkowitym pojazdu
- S** \* vid fordonets tillåtna totalvikt