

## ISTRUZIONI DI MONTAGGIO

FITTING INSTRUCTIONS  
INSTRUCTIONS DE MONTAGE  
MONTAGEANLEITUNG  
INSTRUCCIONES DE MONTAJE

**DISPOSITIVO DI TRAINO TIPO**  
TOWING BRACKET TYPE  
DISPOTIF DE REMORQUAGE TYPE  
ANHAENGEVORRICHTUNG TYP  
DISPOSITIVO DE CAREO TIPO

**23046/C**

<b>PER AUTOVEICOLI</b> FOR CARS POUR AUTOS FÜR KRAFTFAHRZEUGE PARA AUTOVEHICULO	<b>MERCEDES-BENZ</b> <b>DAIMLERCHRYSLER</b> <b>C CLASS - SALOON</b> <b>C CLASS - ESTATE</b>	
<b>TYPE</b>	<b>204 , 204K</b>	<b>SALOON 2007 →</b> <b>ESTATE 2008 →</b>
<b>CLASSE E TIPO DI ATTACCO</b> CLASS AND HITCH TYPE CLASSE ET TYPE DE CROCHET KLASSE UND BEFESTIGUNGART 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 – 7457</b> (DIR. 94/20/CE)	<b>S = kg 115</b>
<b>VALORE D</b> D VALUE VALEUR D D WERT VALOR D	<b>D = 10,6 kN</b>	$D = \frac{\text{Max } \downarrow \text{ Kg}}{\text{Max } \downarrow \text{ Kg}} \times 0,00981 \leq \frac{\text{Max } \downarrow \text{ Kg}}{\text{Max } \downarrow \text{ Kg}} + 10,6 \text{ kN}$

<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):	<b>M6 = 10 Nm      M8 = 25 Nm</b> <b>M10 = 55 Nm      M12 = 85 Nm</b> <b>M14 = 135 Nm      M16 = 200 Nm</b>
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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, his 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.

Cod. 23046/C - Mercedes C class-	v. 1.0	01/01/2011	 UMBRA RIMORCHI	P. 2 / 6
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**FITTING INSTRUCTIONS  
MERCEDES C CLASS  
23046/C**

Remove any mastic from contact points and paint with anti-rust paint.

1. Remove boot floor and rear trim panel (2 plastic nuts) inside the boot.
2. Remove the spare wheel.
3. Release battery clamp to allow battery to move away from the chassis (Do not disconnect) and remove the battery plastic front support.
4. Remove the 4 rubber covers from the chassis rails (hole 01).
5. Remove rear light clusters (4 nuts and wiring plug on the rear of each) & remove bumper.

**SALOON:** Four fixings around each wheel arch, two fixings securing plastic trim to rear panel, two fixings around heat shield, two fixings along lower edge and fixings through access holes in rear panel below rear light housing. Pull bumper outwards at each tip and then rearwards

**ESTATE:** remove the rear kick plate, Remove the two fixings in centre of rear panel (Note: long 10mm socket required) ,two fixings in each wheel arch and one tip fixing, six fixings on the lower edge.

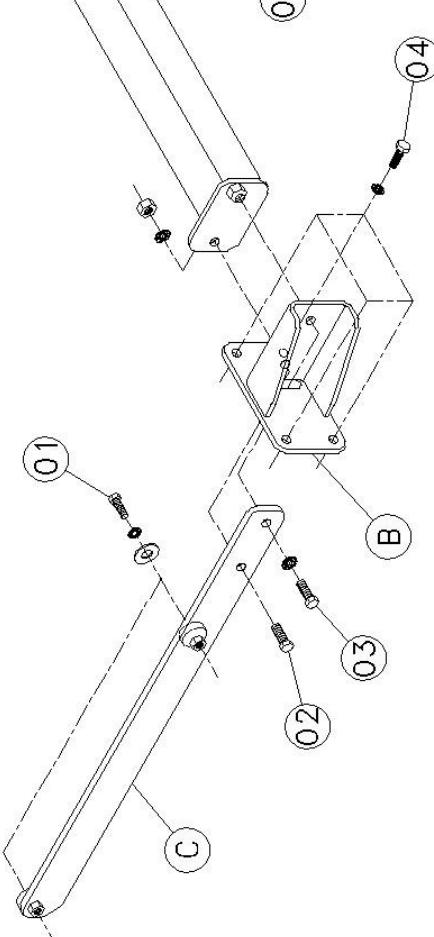
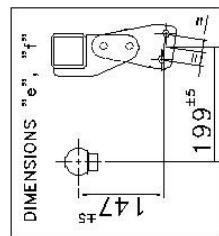
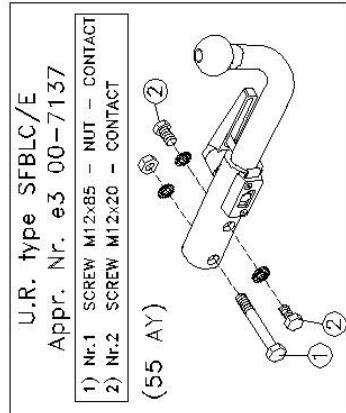
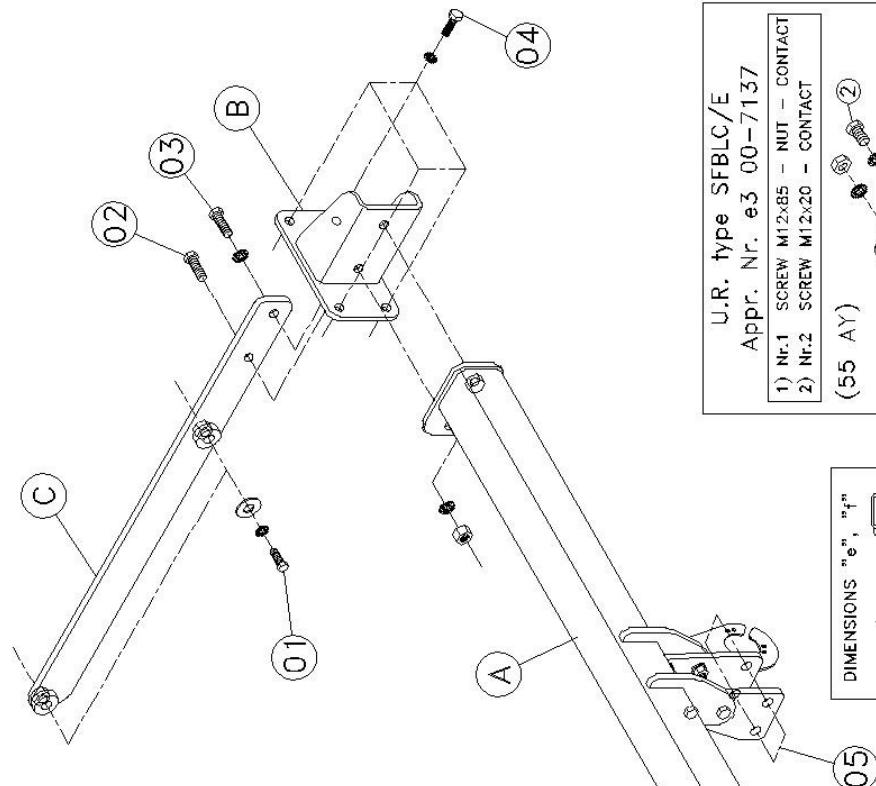
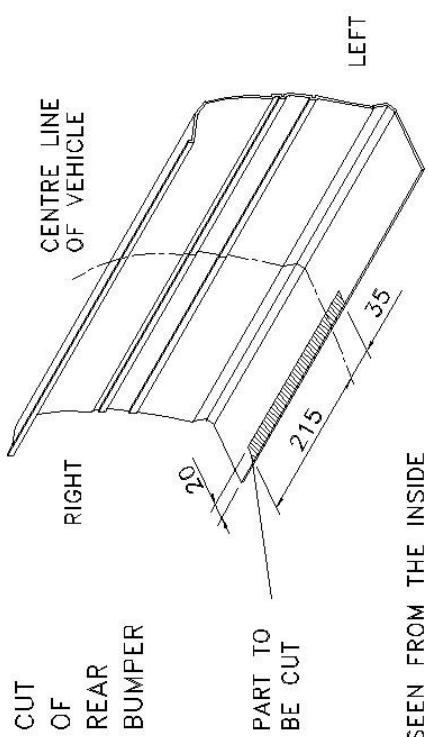
**Both:** Disconnect reversing sensors if fitted. Carefully pull bumper tips outward to release from clips between vehicle body and bumper.

6. Remove the bumper beam.
7. Insert side arms C inside the chassis rails using holes 01 and along the internal face. Insert the bolts and tighten.
8. Locate items B using holes 04. Insert the tip of side arms C inside their hole. Insert the bolts and tighten.
9. Locate cross bar A between items B using holes 02 and 03. Insert the bolts and tighten.
10. Tighten all bolts and nuts as per recommended torque settings.
11. Connect the wirings to the socket.
12. Re-fit (if present) the battery and its plastic support, the spare wheel, the boot floor and rear trim panel inside the boot.
13. **SALOON ONLY:**cut the lower central edge of rear bumper as showed.  
14. Re-fit bumper.

ITEM N. 23046/C

- 01) Nr.4 / SCREW M10x40 - CONTACT - WASHER ø40
- 02) Nr.2 / SCREW M12x35 - CONTACT - NUT
- 03) Nr.2 / SCREW M12x35 - CONTACT
- 04) Nr.8 / SCREW M10x30 - CONTACT (EXISTING NUT)
- 05) BOLTS AND NUTS M12 - SPACERS AS REQUIRED!

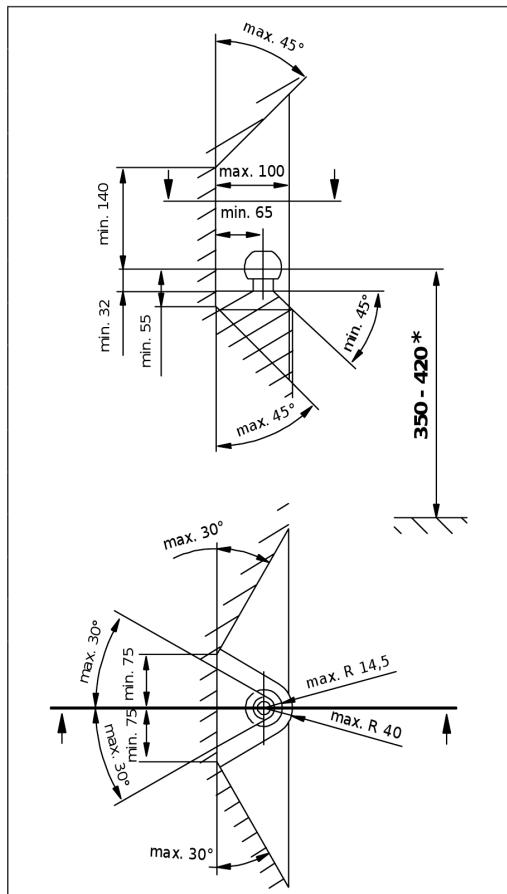
### CLASS C SALOON ONLY



REV.02

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



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

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<b>NL - Montage</b>	<b>S - Montering</b>	<b>I - Montaggio</b>
<b>GB - Mounting</b>	<b>DK - Tilskobling</b>	
<b>D - Montage</b>	<b>FIN - Asemmus</b>	
<b>F - Montage</b>	<b>E - Montaje</b>	

