

ISTRUZIONI DI MONTAGGIO

FITTING INSTRUCTIONS
 INSTRUCTIONS DE MONTAGE
 MONTAGEANLEITUNG
 INSTRUCCIONES DE MONTAJE

DISPOSITIVO DI TRAINO TIPO TOWING BRACKET TYPE DISPOSITIF DE REMORQUAGE TYPE ANHAENGEVORRICHTUNG TYP DISPOSITIVO DE CAREO TIPO	07106/VM
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PER AUTOVEICOLI FOR CARS POUR AUTOS FÜR KRAFTFAHRZEUGE PARA AUTOVEHICULO	CHEVROLET ORLANDO, OPEL ZAFIRA TOURER	
TYPE	KL1Y , CHIO , P-J/SW	2011 →
CLASSE E TIPO DI ATTACCO CLASS AND HITCH TYPE CLASSE ET TYPE DE CROCHET KLASSE UND BEFESTIGUNGSART CLASES DE ACOPLAMIENTO	OMOLOGAZIONE HOMOLOGATION HOMOLOGATION ZULASSUNG APROBACION	CARICO VERTICALE MAX S VALUE MASSE VERTICALE MAXIMUM ZUL. STUETZLAST CARGA MAX. VERTICAL
F	e3 00 – 7589 (DIR. 94/20/CE)	S = kg 90
VALORE D D VALUE VALEUR D D WERT VALOR D	D = 10 kN	$D = \frac{\text{Max } \downarrow \text{ Kg} \quad \text{Max } \downarrow \text{ Kg}}{\text{Max } \downarrow \text{ Kg} \quad \text{Max } \downarrow \text{ Kg}} \times 0,00981 \leq 10 \text{ kN}$

COPPIA DI SERRAGGIO PER VITI (8.8): 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

07106/VM CHEVROLET ORLANDO

Remove all mastic from around fixing holes

1.Remove rear lights.

2.Remove bumper

Orlando: partly remove rear most half of black wheel arch trim Screws around arch edge, then rotate counter clockwise slightly and pull off clips. Behind light clusters 2 screws under plastic caps which are prised open to reveal screws, care should be taken not to damage these clips. 8 fixing under trim of top face of bumper and fixing on bottom edge.

Zafira C Tourier: 4 screws in each wheel arch, 2 on bottom edge, remove 1 plastic cover each side on bumper level with bottom of rear hatch and remove fixing behind. Pus in clips below light clusters and disconnect plug underneath each side.

Remove bumper beam on both

3.Locate side arms inside chassis rails using holes 01 and 02, locate just bolts 01. Fix using flat washers.

4.JUST FOR ZAFIRA TOURER: cut bumper (just for item nr. 07106/VM) cut the bumper's supports and the crash beam as shown.

5.Locate spacers C on the upper welded screw then refit bumper beam using original bolts 02.

6.Just for Zafira tourer: loosen the casing with the spare tyre under the underbody (if present) and locate it as near as possible to the engine.

7.Just for Zafira tourer: tighen the casing with the spare tyre.

8.Locate the cross bar B between the two side arms using holes 03, insert the bolts and fix.

9 Fully tighten all nuts and bolts.

10 Connect the socket

11 Refit bumper and lights.

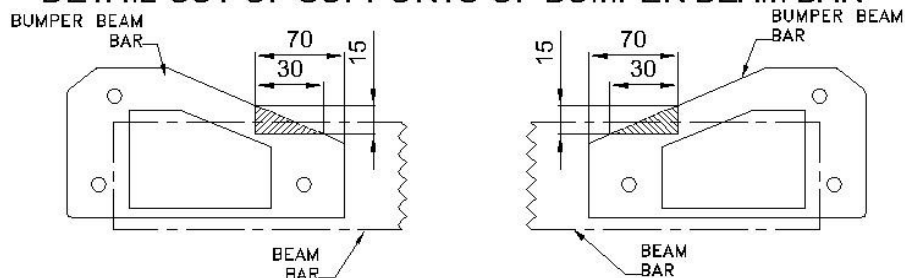
DISAPPEARING ELECTIC SOCKET

ITEM N. 07106/VM

- 01) Nr. 4 / SCREW M10x30 - CONTACT - WASHER $\varnothing 42$
- 02) Nr. 6 / ORIGINALS NUTS - Nr. 2 SPACERS $\varnothing 17 \times 2$ Lg.8mm
- 03) Nr. 4 / SCREW M12x35 - NUT - CONTACT
- 04) BOLTS AND NUTS M12 - SPACERS AS REQUIRED

ONLY FOR OPEL ZAFIRA TOURER

DETAIL CUT OF SUPPORTS OF BUMPER BEAM BAR

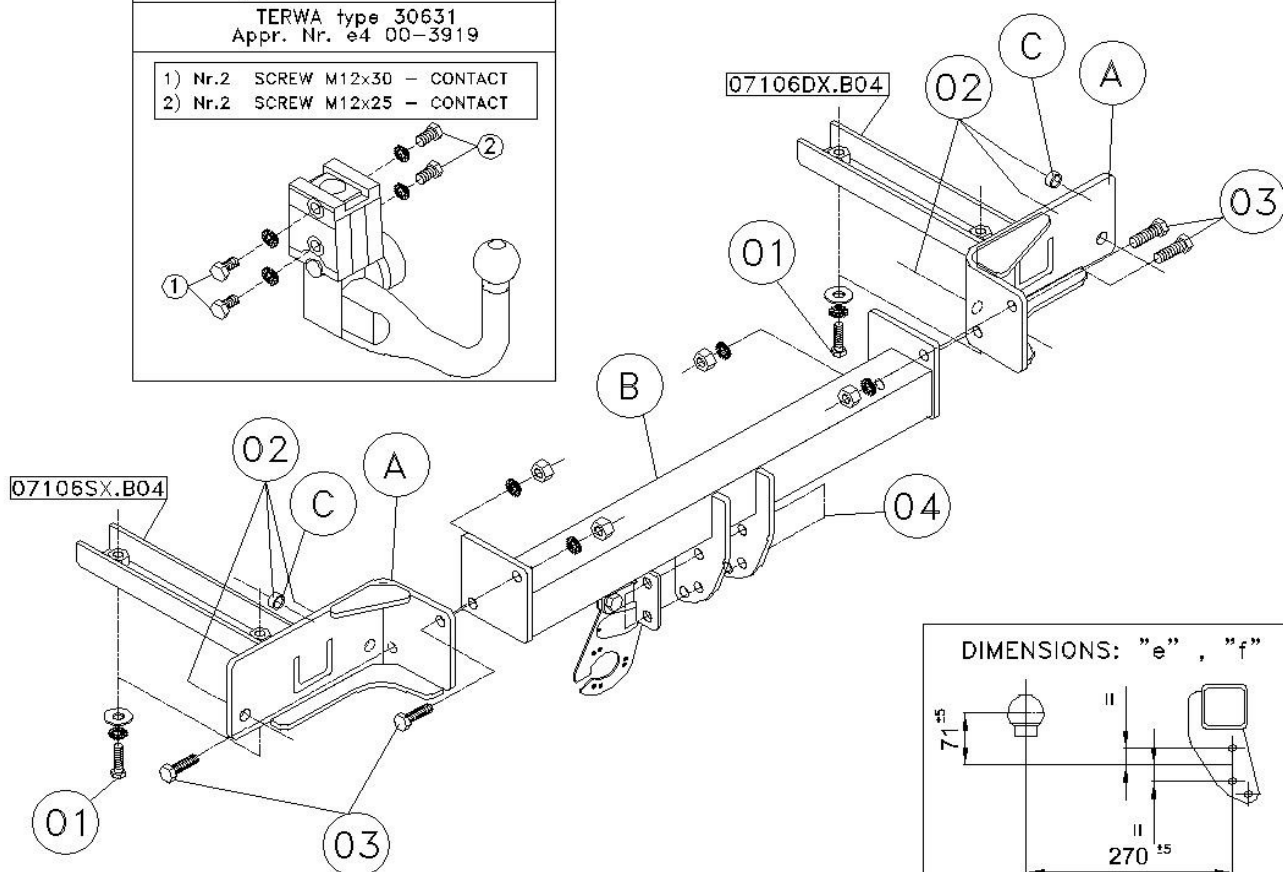
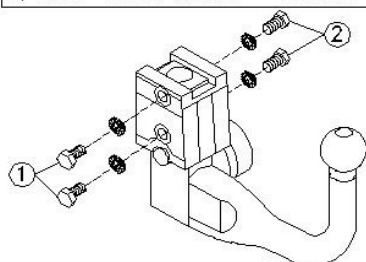


ACS type 3008
Appr. Nr. e4 00-2164
Appr. Nr. e4 00-2608
Appr. Nr. e4 00-2932

ACS type 6008
Appr. Nr. e4 00-3953

TERWA type 30631
Appr. Nr. e4 00-3919

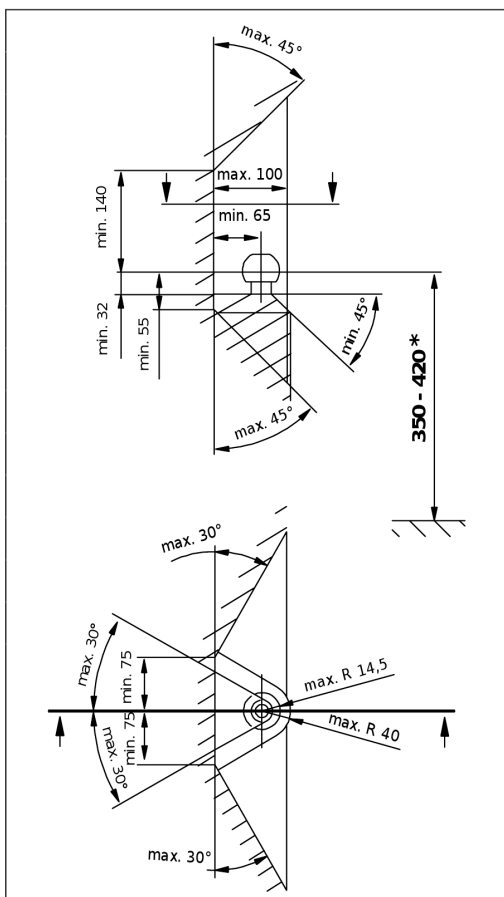
- 1) Nr.2 SCREW M12x30 - CONTACT
- 2) Nr.2 SCREW M12x25 - CONTACT



DIMENSIONS: "e" , "f"

REV.01

- 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** Frirommet 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 εξασφαλίζεται ο ελεύθερος χώρος σύμφωνα με το Παράρτημα VII, εικόνα 30 της Οδηγίας 94/20/EK.
- I** Deve essere garantito lo spazio libero secondo l'allegato VII, figura 30 della direttiva 94/20/CE.
- N** Frirommet 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 kjøretøyet's tillatte totalvekt
- NL** * bij toegestaan totaal gewicht van het voertuig
- PL** * przy dopuszczalnym ciężarze całkowitym pojazdu
- S** * vid fordonets tillåtna totalvikt