

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	28058/F
---	----------------

PER AUTOVEICOLI FOR CARS POUR AUTOS FÜR KRAFTFAHRZEUGE PARA AUTOVEHICULO	OPEL INSIGNA Sedan and SPORTS TOURER	
TYPE	OG-A	2009 →
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 – 7538 (DIR. 94/20/CE)	S = kg 100
VALORE D D VALUE VALEUR D D WERT VALOR D	D = 11,3 kN	$D = \frac{\begin{matrix} \text{Max} \downarrow \text{Kg} \\ \text{---} \end{matrix} \times \begin{matrix} \text{Max} \downarrow \text{Kg} \\ \text{---} \end{matrix}}{\begin{matrix} \text{Max} \downarrow \text{Kg} \\ \text{---} \end{matrix} + \begin{matrix} \text{Max} \downarrow \text{Kg} \\ \text{---} \end{matrix}} \times 0,00981 \leq \mathbf{11,3 \text{ kN}}$

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
---	---

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

28058/F OPEL INSIGNIA

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

- 1) Just for hatchback/Saloon: remove left and right cover inside the boot and remove the rear light clusters (2 plastic nuts on each located behind small panel in boot, lift forward edge upwards to release from pegs and disconnect wiring plug).
- 2) Remove rear bumper (3 plastic clips on bottom edge, 3 in each wheel arch (4 on vehicles with mudflaps), 2 clips under each light cluster and on Sports Tourer remove tailgate stops. Pull off clips on side and top edge). Remove bumper beam.
- 3) Just for Soorts Tourer: remove the polystyrene support.
- 4) Lower the rear exhaust(s) box from its rearmost hangers support by removing brackets from rear panel.
- 5) Insert inside the chassis rails the side arms A referring to holes 01 and 02. Insert the bolts and tighten interposing the flat washers (position 01)
- 6) Locate the cross bar B between the two side arms referring to holes 03 and 04. Insert the bolts and tighten.
- 7) Tighten all bolts and nuts as per torque settings.
- 8) Connect the wirings to the socket
- 9) Cut the bumper as showed
- 10) Re-fit bumper
- 11) Just for saloon: re-fit the lights and left and right covers inside the boot.

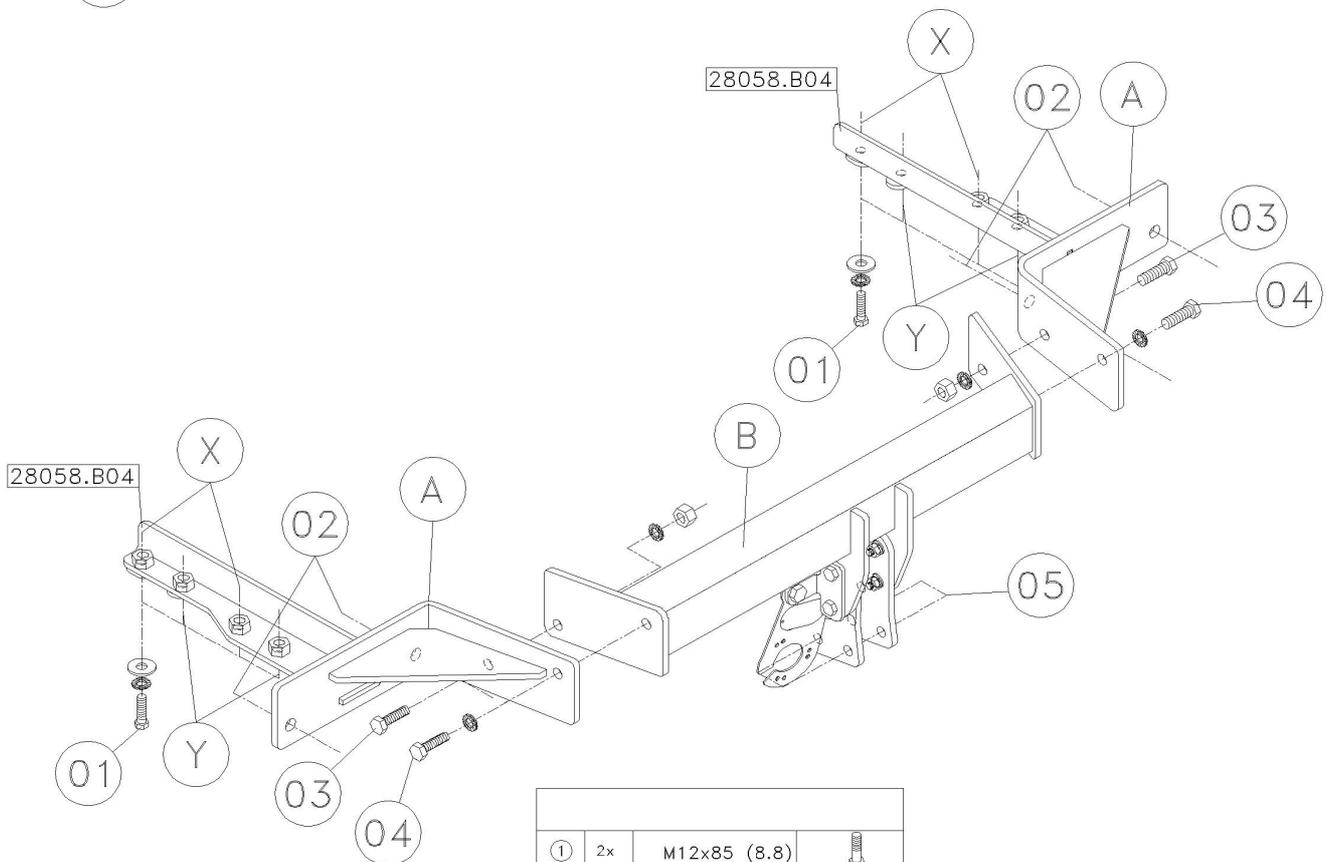
DISAPPEARING ELECTRICAL SOCKET

28058/F

- 01) Nr. 4 / SCREW M10x35 - CONTACT - WASHER ϕ 40
- 02) Nr. 4 / ORIGINAL NUT
- 03) Nr. 2 / SCREW M12x35 - NUT - CONTACT
- 04) Nr. 2 / SCREW M12x35 - CONTACT
- 05) BOLTS AND NUTS M12 - SPACERS AS REQUIRED

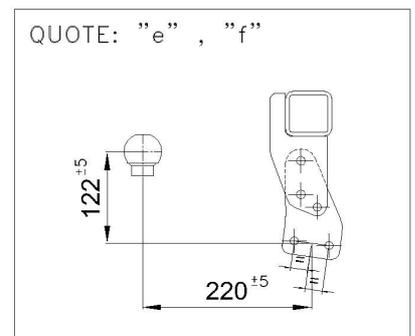
(X) OPEL INSIGNA SPORTS TOURER

(Y) OPEL INSIGNA SEDAN



①	2x	M12x85 (8.8)	
②	2x	12.2x27x2.5	
③	2x	M12 (8.8)	
④	2x	SPESSORI SPACERS	

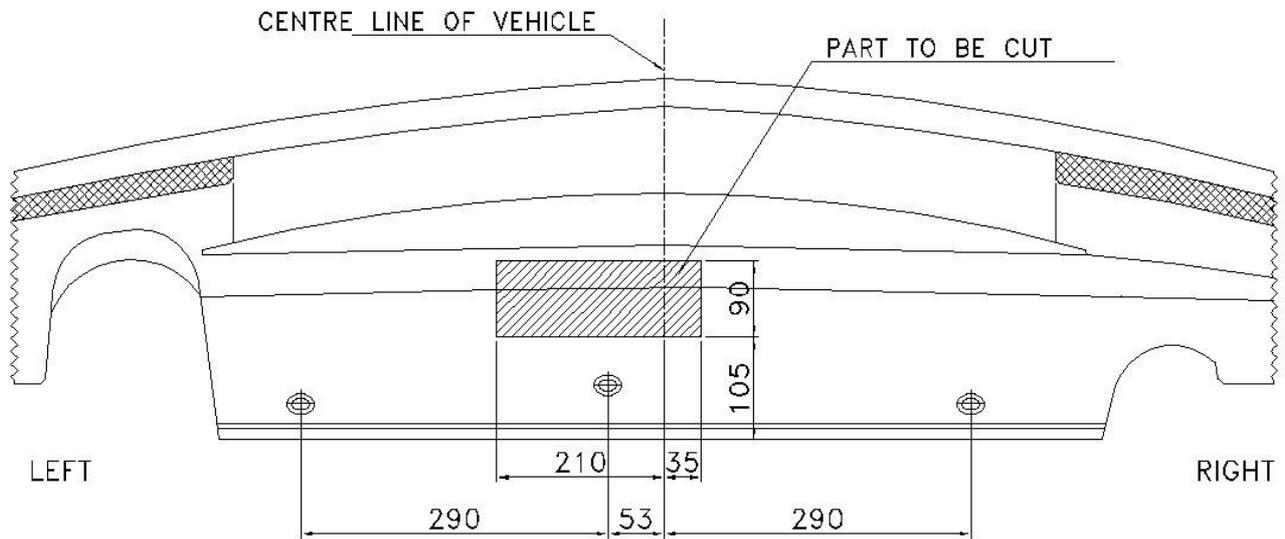
e3 00-7672



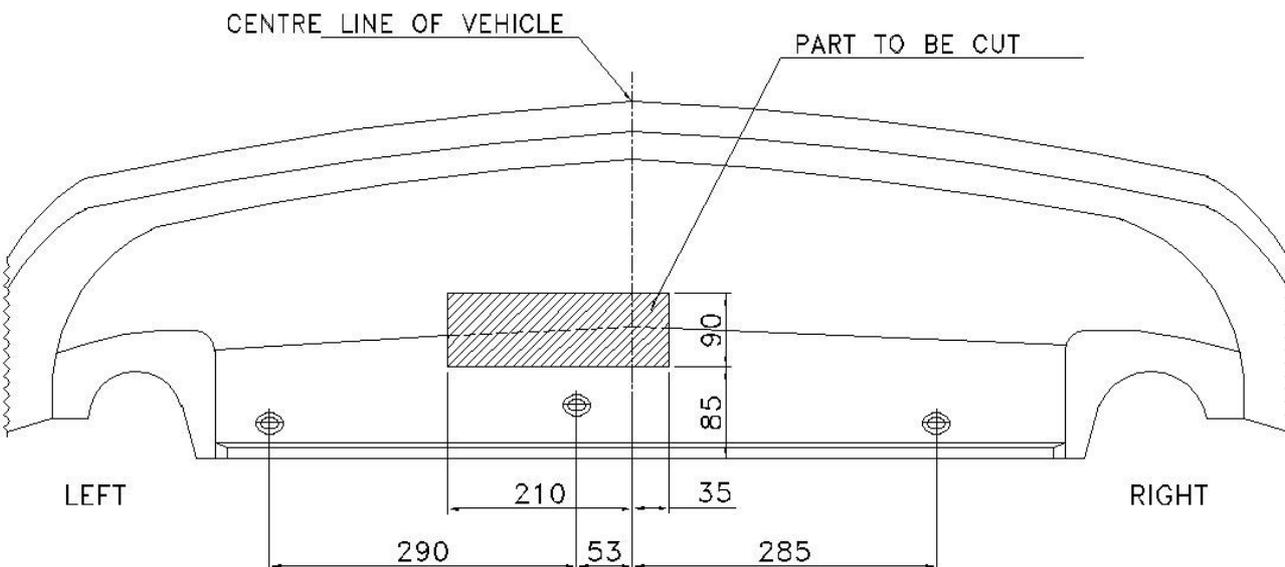
REV.00

LAYOUT CUT OF BUMPER 28058

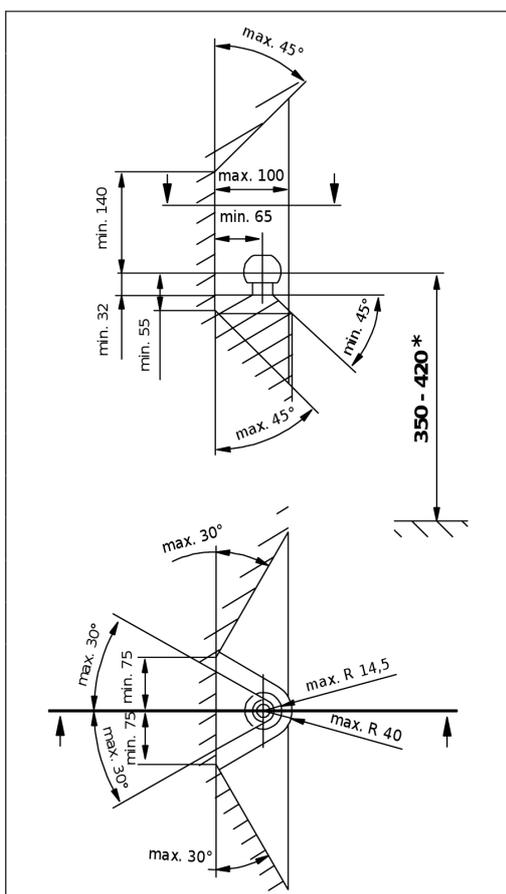
INSIGNA SPORTS TOURER SEEN FROM BENEATH



INSIGNIA Sedan SEEN FROM BENEATH



- 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