

## 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	<b>06027/VM</b>
---	-----------------

<b>PER AUTOVEICOLI</b> FOR CARS POUR AUTOS FÜR KRAFTFAHRZEUGE PARA AUTOVEHICULO	<b>BMW X5</b>
---	---------------

<b>X53</b>	<b>2000 →</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 – 7357</b> (DIR. 94/20/CE)	<b>S = kg 140</b>
----------	--	-------------------

<b>VALORE D</b> D VALUE VALEUR D D WERT VALOR D	<b>D = 13,5 kN</b>	$D = \frac{\begin{matrix} \text{Max} \downarrow \text{Kg} \\ \text{---} \end{matrix} \times \begin{matrix} \text{Max} \downarrow \text{Kg} \\ \text{---} \end{matrix}}{\begin{matrix} \text{Max} \downarrow \text{Kg} \\ \text{---} \end{matrix} + \begin{matrix} \text{Max} \downarrow \text{Kg} \\ \text{---} \end{matrix}} \times 0,00981 \leq \mathbf{13,5 \text{ kN}}$
---	--------------------	---

<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</b> <b>M8 = 25 Nm</b> <b>M10 = 55 Nm</b> <b>M12 = 85 Nm</b> <b>M14 = 135 Nm</b> <b>M16 = 200 Nm</b>
---	---

## 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

### BMW X5

### 06027/VM

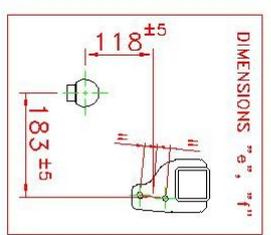
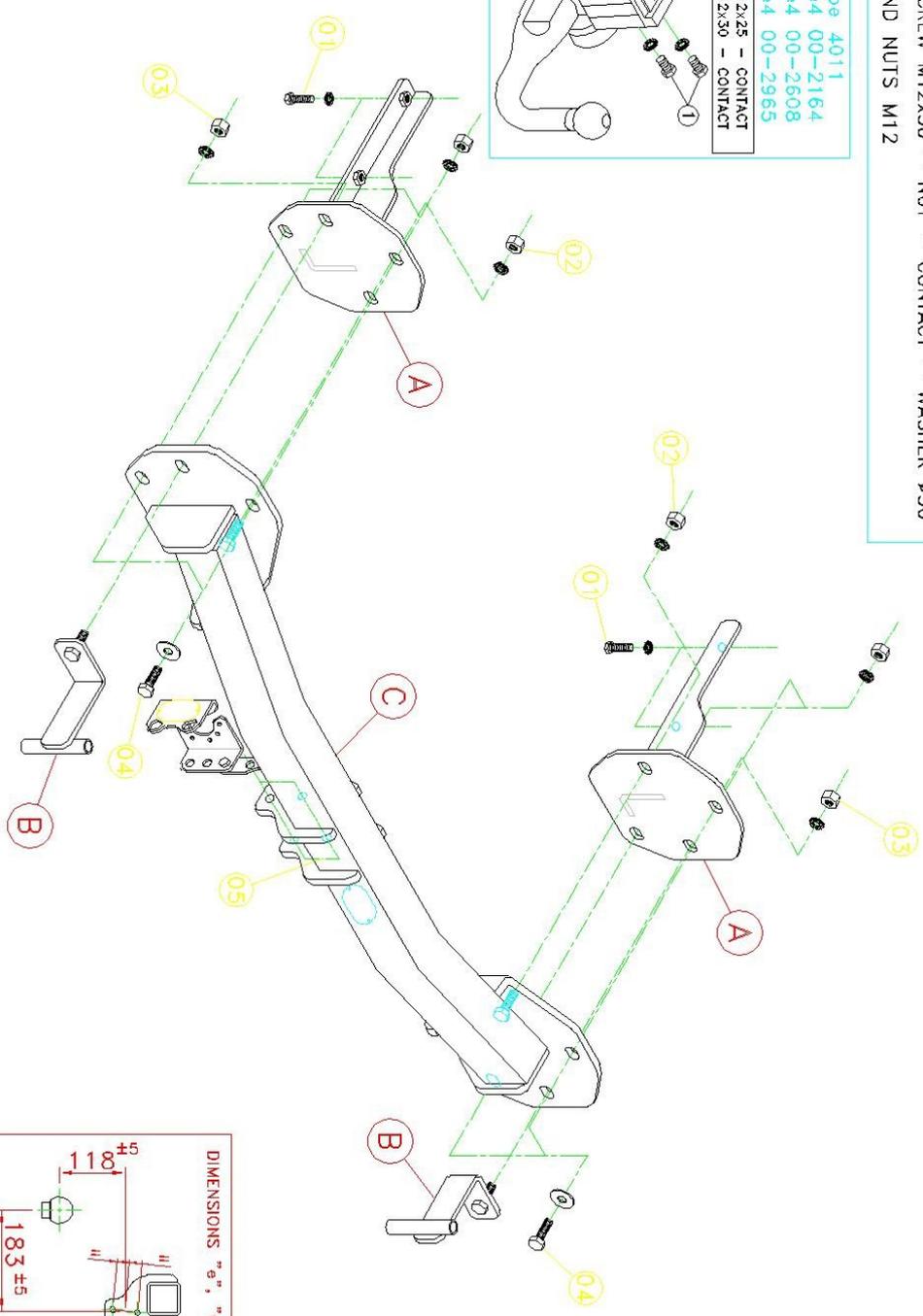
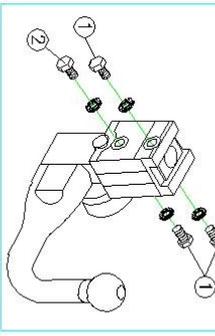
Remove all underseal from areas which may come in contact with the towbar assembly and recoat areas with antirust paint. The holes for fixing the structure are existing on the vehicle.

1. Remove the panel from the boot floor, trays from each side and side panels
2. Remove rear bumper – 1 Torx head each side (behind panels in bumper), 2 screws on each wheel arch and four on lower edge.
3. Lower exhaust by removing the two bolts securing exhaust hanger and remove exhaust heat shield.
4. Remove and discard the bumper supports (3 M8 nuts each side) and remove plastic bungs from lower face of chassis
5. Insert the side arms A into chassis and loosely attach using bolts 01.
6. Loosely attach crossbar C to side arms A and back panel using bolts/nuts 02 and 04 (Bottom hole may not be present in vehicles – if so use towbar as jig to mark hole then drill out back panel to 13mm to accept bolt .
7. Attach neck housing and socket plate as per instructions
8. Fit bumper support brackets B to items C & A using original nuts
9. Tighten all nuts and bolts and ensure towbar is rigid
10. Refit exhaust hanger, heat shield & rear bumper using original bolts on brackets B.

# ITEM N.06027/VM

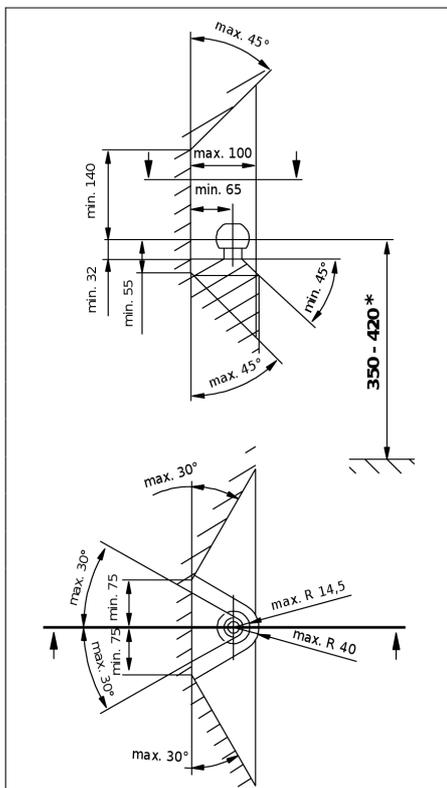
- 01) Nr.4 / SCREW M10x35 - CONTACT
- 02) Nr.2 / NUT M12 - CONTACT
- 03) Nr.2 / NUT M12 - CONTACT
- 04) Nr.4 / SCREW M12x50 - NUT - CONTACT - WASHER  $\varnothing$ 36
- 05) BOLTS AND NUTS M12

ACS type 4011  
 Appr. Nr. e4 00-2164  
 Appr. Nr. e4 00-2608  
 Appr. Nr. e4 00-2965



REV.02

- 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/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