UMBRA RIMORCHI
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TOWBARS AND TRAILERS
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ISO 9001:2008
Sistema Qualità Certificato

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	**19105**

PER AUTOVEICOLI FOR CARS POUR AUTOS FUR KRAFTAHRZEUGE PARA AUTOVEHICULO	**KIA PICANTO**	
TYPE	BA	2004 =>
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 – 7310 (DIR. 94/20/CE)	S = kg 50
VALORE D D VALUE VALEUR D D WERT VALOR D	$D = \frac{\text{Max} \downarrow \text{Kg} \times \text{Max} \downarrow \text{Kg}}{\text{Max} \downarrow \text{Kg} + \text{Max} \downarrow \text{Kg}} \times 0{,}00981 \leqslant$ **5,2 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 M10 = 55 Nm M14 = 135 Nm	M8 = 25 Nm M12 = 85 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.

USE AND MAINTENANCE

- The towball must be kept clean and lubrificated. 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.

CAUTION

The tow bar installer must fix at the same level with the ball in a clear position, a plate with the ball's maximum load for the vehicle on which the tow bar is fitted.

FITTING INSTRUCTIONS

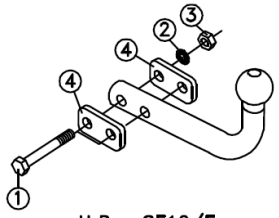
19105

Remove the mastic protection from your vehicle in the point where the chassis and the tow bar are connected; then paint the mastic free pieces with the anti rust paint. There are all necessary holes to fix the tow bar of the vehicle.

1. Remove the rear bumper;
2. Make two cuts on the lower rear part of the bumper according to the layout;
3. Remove the right and left splash guards to arrive to the lateral towbar brackets, make the holes as shown on the “ATTACHMENT 01”;
4. Put back the right and left splash guards;
5. Place the towbar ''A'' according to the holes ''01'' outside of the vehicle spars; insert the screws and fix them;
6. Tighten all bolts and nuts as shown in the enclosed layout;
7. Connect the wiring to the socket following the car booklet's instructions "use and maintenance" of the vehicle as shown in the enclosed wiring kit layout.

19105

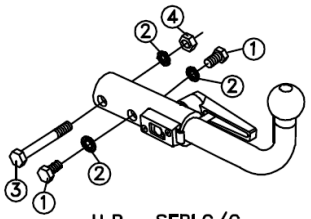
19105/F			
①	2x	M12x85 (8.8)	
②	2x	12.2x27x2.5	
③	2x	M12 (8.8)	
④	2x	SPESSORI SPACERS	



U.R. SF12/E
e3 00–7672

(F27A)

19105/C			
①	2x	M12x25 (8.8)	
②	3x	12.2x27x2.5	
③	1x	M12x85 (8.8)	
④	1x	M12 (8.8)	

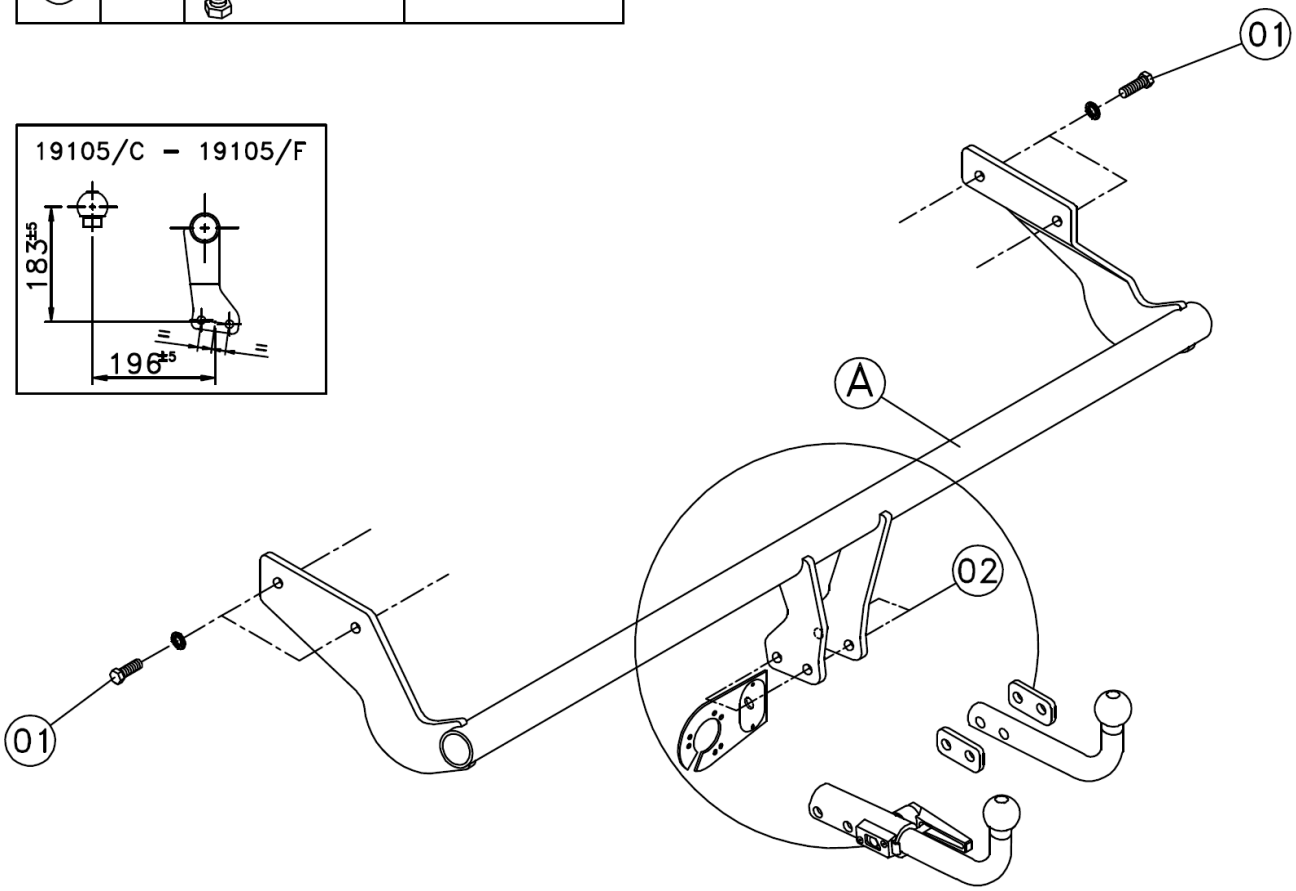


U.R. SFBLC/G
e3 00–7137

(27 AY)

01	4x	M12x30 P. 1,25	CONTACT 12x27x2
02	.	M12	

19105/C – 19105/F



REV.00

UMBRA RIMORCHI

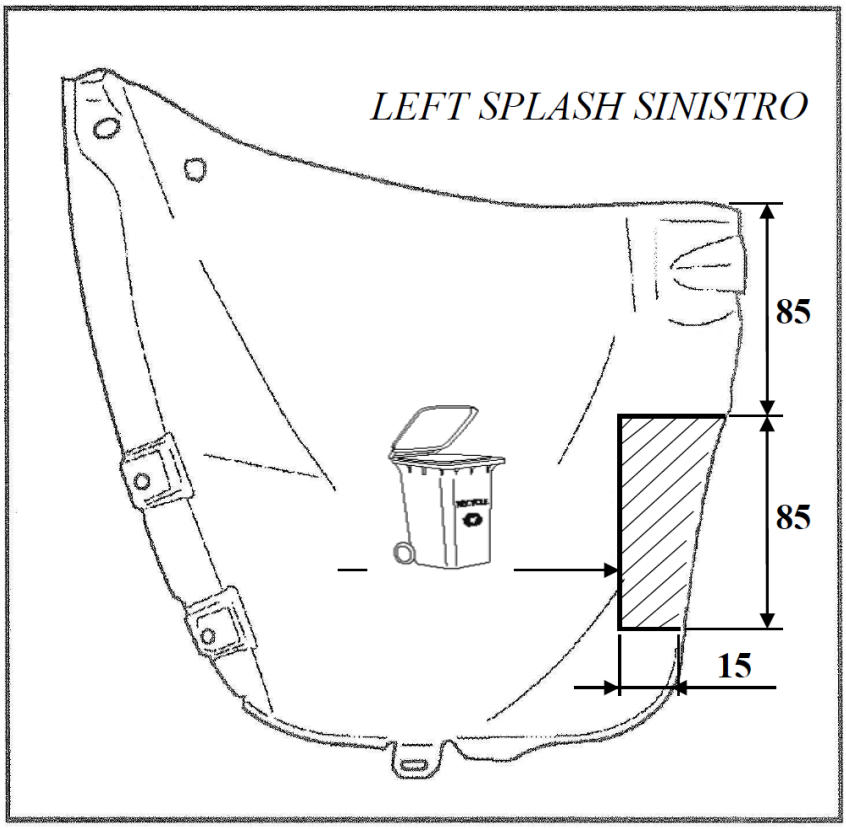
01/01/2011

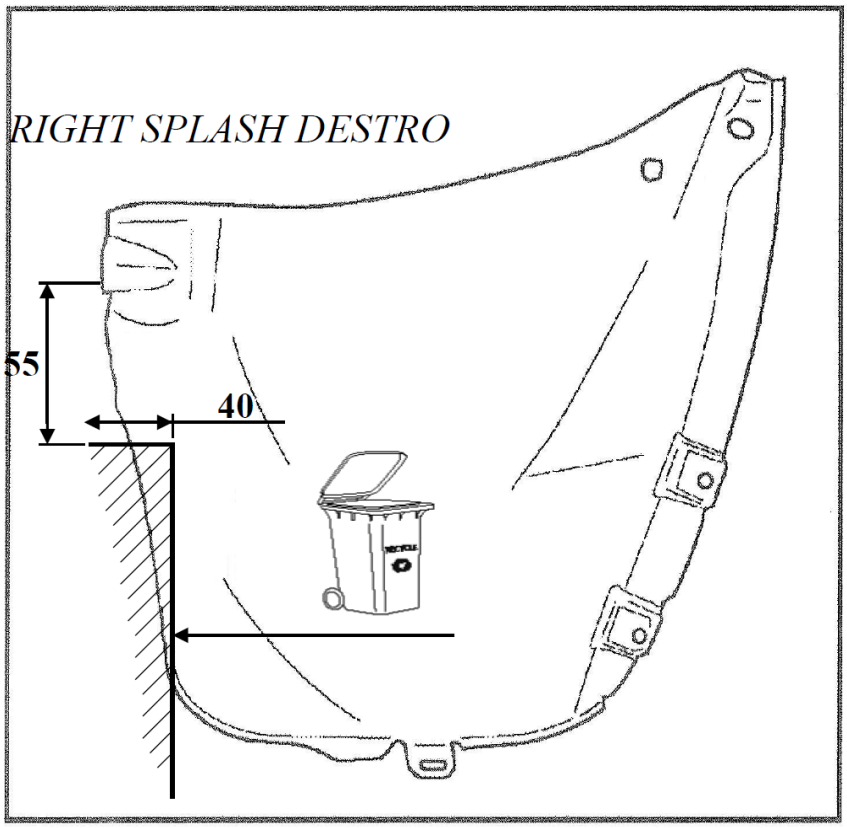
v. 1.0

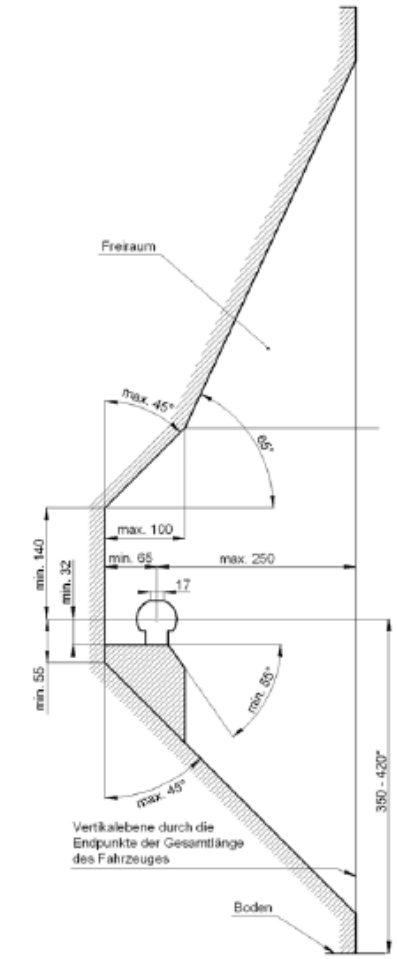
19105
- KIA PICANTO -

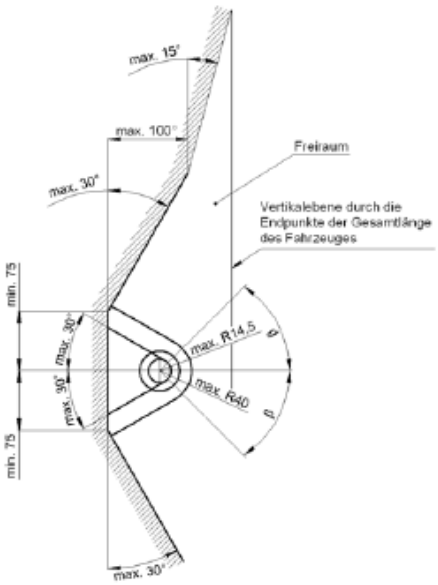
ALLEGATO 01 - CODICE 19105
ATTACHMENT 01 – CODE 19105

SCHEMA DI TAGLIO PARASCHIZZI SINISTRO E DESTRO
RIGHT AND LEFT SPLASH GUARD CUT LAYOUT









D Der Freiraum nach Anhang 7, Abbildung 25a und 25b der Richtlinie ECE-R 55 ist zu gewährleisten.

CZ Volný prostor ve smyslu Přílohy VII, obr. 25a a 25b směrnice ECE-R 55 musí být zaručen.

DK Det skal sikres, at der er spillerum i overensstemmelse med bilag 7, fig. 25a og 25b i henhold til direktiv ECE-R 55.

E Hay que garantizar el espacio libre conforme al anexo 7, fig. 25a y 25b de la directiva ECE-R 55.

F La zone de dégagement, selon l'annexe 7, figure 25a et 25b de la directive ECE-R 55, doit être assurée.

FIN Välyksen tulee täyttää ohjeen ECE-R 55 liitteen 7 kuvissa 25a ja 25b ilmoitetut vaatimukset.

GB Make sure to provide clearance according to appendix 7, figures 25a and 25b of the ECE-R 55 regulations.

GR Πρέπει να εξασφαλίζεται ο ελεύθερος χώρος σύμφωνα με το παράρτημα 7, σχήμα 25α και 25b της κοινοτικής οδηγίας ECE-R 55.

HU Biztosítani kell az ECE-R 55 irányelv szerinti, 7. számú függelék, 25a. és 25b ábrákban jelölt szabad teret.

I Deve essere garantito lo spazio libero secondo l'allegato VII, figure 25a e 25b della normativa europea ECE 55 R-01.

N Det må sørges for fritt rom i samsvar med tillegg 7, figur 25a og 25b i direktiv ECE-R 55.

NL De vrije ruimte volgens supplement 7, afbeelding 25a en 25b van richtlijn ECE-R 55 moet gewaarborgd zijn.

PL Należy zapewnić wolną przestrzeń zgodnie z załącznikiem 7, rys. 25a i 25b, dyrektywy ECE-R 55.

RUS Оставлять свободное пространство согласно Приложению 7, рис. 25а и 25b Директивы ECE-R 55.

S Spelrummet enligt bilaga 7, bild 25a och 25b i riktlinje ECE-R 55, måste 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

HU * A jármű megengedett összsúlya esetén

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

RUS * при допустимом общем весе автомобиля

S * vid fordonets tillåtna totalvikt