

Montageanleitung für Sitzbank RAM03 mit
Längsverstellung und Armlehne - 2 komfortable
Einzelsitze (62 kg) für Fahrzeugkategorien M1, N1, M2,
N2 inkl. Montageadapter (7 kg)

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Diese Montageanleitung basiert auf folgenden Dokumenten:

- ⇒ MOBIFRAME/04/2022-00 gemäß EU/ECE R 14
- ⇒ MOBIFRAME/05/2022-00 gemäß EU/ECE R 17

Die Sitzbank ist zugelassen für folgende Fahrzeugtypen (Sitzhöhe 57,90/67,90 cm):

Mercedes-Benz	Sprinter (906, 907) 3250, 3665, 4325 Sprinter, e-Sprinter (910) 3259, 3924 Vito/Viano/V-klasse, e-Vito (639, 639/2, 639/4) 3200, 3430
VW	Crafter (2E_) 3250, 3665, 4325 Crafter, e-Crafter (SYN_ e.g. SYN1E, SYN2E, SYN2Z) 3640, 4490 T5 (7H_, 7E_, 7J_) 3000, 3400 T6, T6.1, e-Transporter (7H_, 7E_, 7J_) 3000, 3400
Citroen	Jumper, e-Jumper (Y) 3000, 3450, 4035 Jumpy (X) 3000, 3122 Jumpy, e-Jumpy (2016) 2925, 3275 SpaceTourer, E-SpaceTourer 2925, 3275 Berlingo, E-Berlingo 2785, 2975
Peugeot	Boxer, e-Boxer (Y) 3000, 3450, 4035 Expert (VF3_) 3000, 3122 Expert, e-Expert (2016-...) 2925, 3275 Traveller, e-Traveller 2925, 3275 Rifter, e-Rifter 2785, 2975
Fiat	Ducato, e-Ducato (250) 3000, 3450, 4035 Scudo (270) 3000, 3122 Scudo (2022-...) 2925, 3275 Talento (FJL, FFL) 3098, 3498
Opel	Movano (MR, MS, MW) 3182, 3682, 4332 Movano, Movano-e (Y) 3000, 3450, 4035 Vivaro (F7) 3098, 3498 Vivaro, Vivaro-e, Vivaro e-Kombi, Zafira Life 2925, 3275 Combo Life, Combo-e Life 2785, 2975
Renault	Master, Master E-Tech (FV, MA, VA) 3182, 3682, 4332 Trafic (FL, L) 3098, 3498 Trafic 2014 (JL, L) 3098, 3498
Renault Trucks	Master (MF, VF) 3182, 3682, 4332
Ford	Transit, (FA_, FD_) 2933, 3300, 3750 Transit, e-Transit (FC_) 3300, 3750, 3954 Transit Custom (FA_, FC_), Turneo Custom 2933, 3300 Transit Connect (PU2) 2662, 3062
Iveco	Daily, Daily Electric (IS_) 3000, 3300, 3520, 3950, 4100, 4750
Nissan	NV200 2725 NV300, Primastar 3098, 3498 NV400 3182, 3682, 4332
Toyota	Pro Ace (2013-2016) 3000, 3122 Pro Ace, Pro Ace Verso, Pro Ace Electric (2016) 2925, 3275
MAN	TGE, eTGE (SYN_ e.g. SYN1E, SYN2E, SYN2Z) 3640, 4490
Maxus (LDV)	V80, Maxus (SV6C) 3100, 3850 V90, Deliver 9, E-Deliver 9 3000, 3366, 3760 Deliver 3, E Deliver 3 2910, 3285
Hyundai	H350 (EU(V)) 3435, 3670
RAM	ProMaster 3000, 3450, 4035
Freightliner/Dodge	Sprinter 3250, 3665, 4325

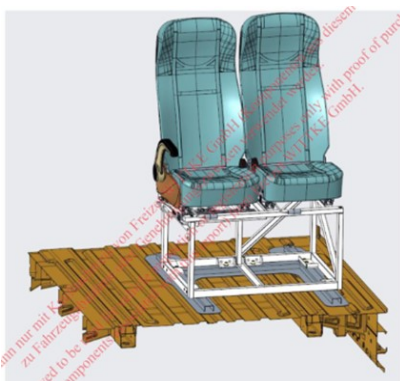
Unsere Empfehlung bezüglich der Sitzhöhe 57,90 cm:

MB Sprinter, VW Crafter, MAN TGE

Unsere Empfehlung bezüglich der Sitzhöhe 67,90 cm:

Fiat Ducato, Peugeot Boxer, Citroen Jumper, Opel Movano, RAM Promaster





Befestigung mit einem Montageadapter:

Schritt 1: Bohren

Schritt 2: Vorbereitung des Fahrzeugbodens und des Montageadapters

Schritt 3: Grundieren

Schritt 4: Kleben

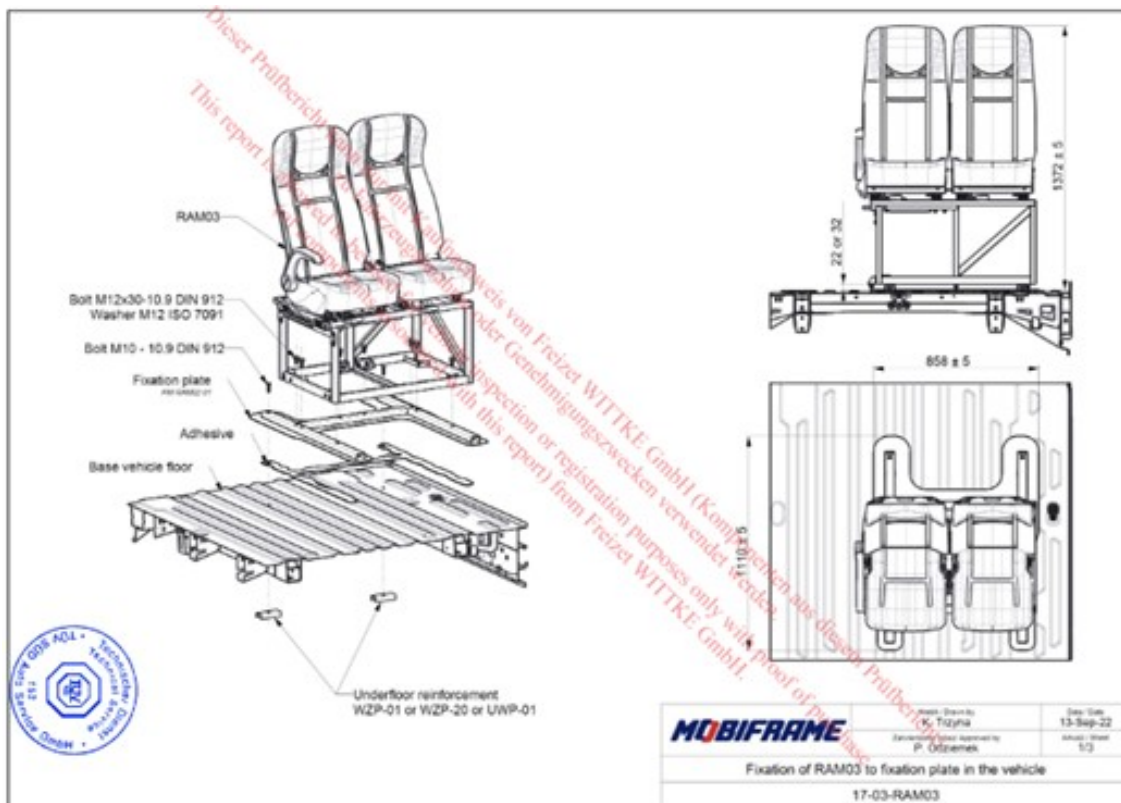
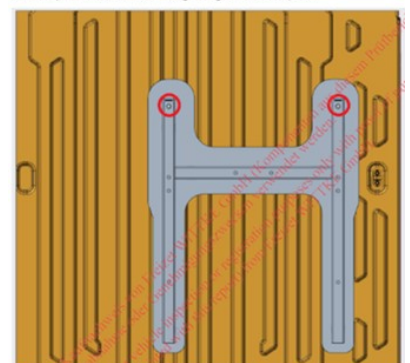
Schritt 5: Unterbodenverstärkungen

Schritt 1:

Bohren

- bohren Sie Löcher mit $\varnothing 11$ entsprechend den vorhandenen Löchern im Montageadapter in den Fahrzeugboden

Step 4. Underfloor reinforcements
Drill holes $\varnothing 11$ in the vehicle floor according existing holes in fixation plate.



Step 1. Preparation of the vehicle body and fixation plate

Clean vehicle floor before installation. Surface must be clean, dry and free from all traces of grease, oil and dust. Use Betaclean (cleaner) to degrease the vehicle's floor and the bottom side of the fixation plate.



Schritt 2:

Vorbereitung des Fahrzeugbodens und des Montageadapters:

- reinigen Sie den Fahrzeugboden vor dem Einbau
- die Oberfläche muss sauber, trocken und frei von allen Spuren von Fett, Öl und Staub sein
- verwenden Sie einen Reiniger (Aceton oder Betaclean), um den Fahrzeugboden und die Unterseite des Montageadapters zu entfetten

Schritt 3:

Grundieren

- tragen Sie Betaprime auf den Fahrzeugboden und auch auf die Unterseite des Montageadapters auf
- der Primer kann mit einem Pinsel oder einer Rolle aufgetragen werden
- Kontaktflächen (Fahrzeugboden und die untere Seite des Montageadapters) müssen mit Betaprime abgedeckt werden



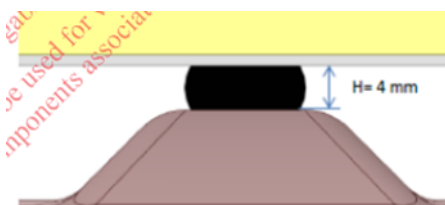
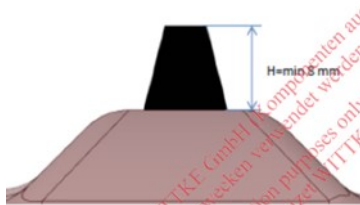
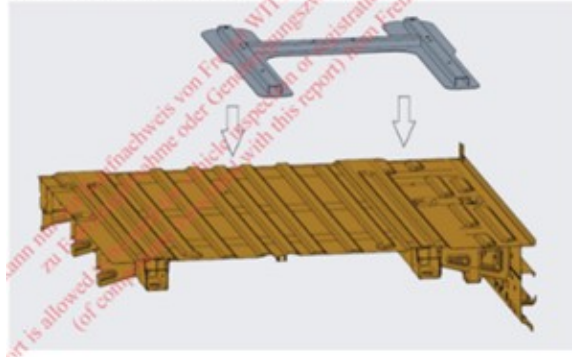
Schritt 4:

Kleben

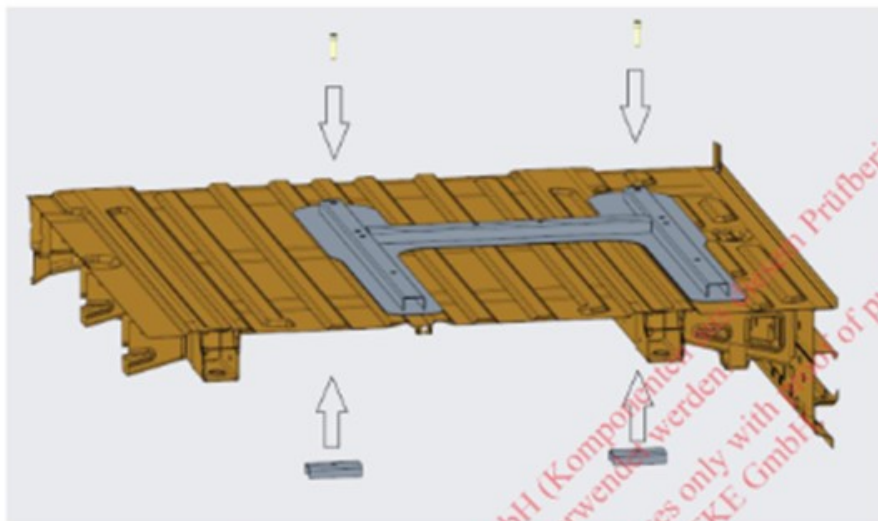
- bitte die grundierten Oberflächen nicht betreten
- tragen Sie Betamate-Kleber auf die erhöhten Bodenrippen des Fahrzeugbodens an der Stelle auf, an der die Sitzbank befestigt ist; die Grundierung sollte trocken sein
- der Kleber muss auf die zuvor mit Betaprime beschichteten Flächen aufgetragen werden
- platzieren und kleben Sie den Montageadapter an der gewünschten Stelle auf dem Fahrzeugboden



Place and glue the fixation plate to the desired location on the vehicle floor. Leave the floor for at least 24 h. Don't walk on the fixation plate and don't move the vehicle.



Bodenrippe mit 8mm aufgetragenem Kleber/mit aufgesetztem Montageadapter (Kleber 4mm)



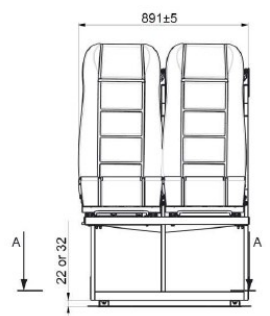
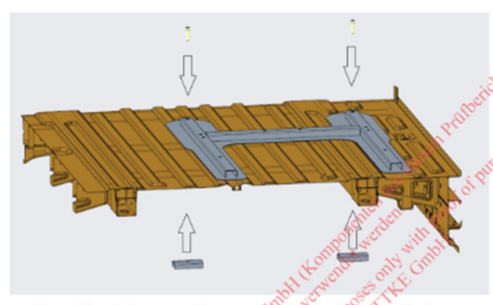
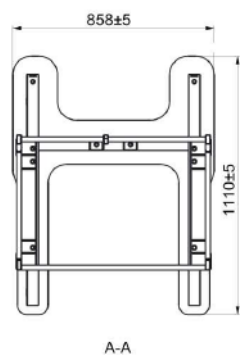
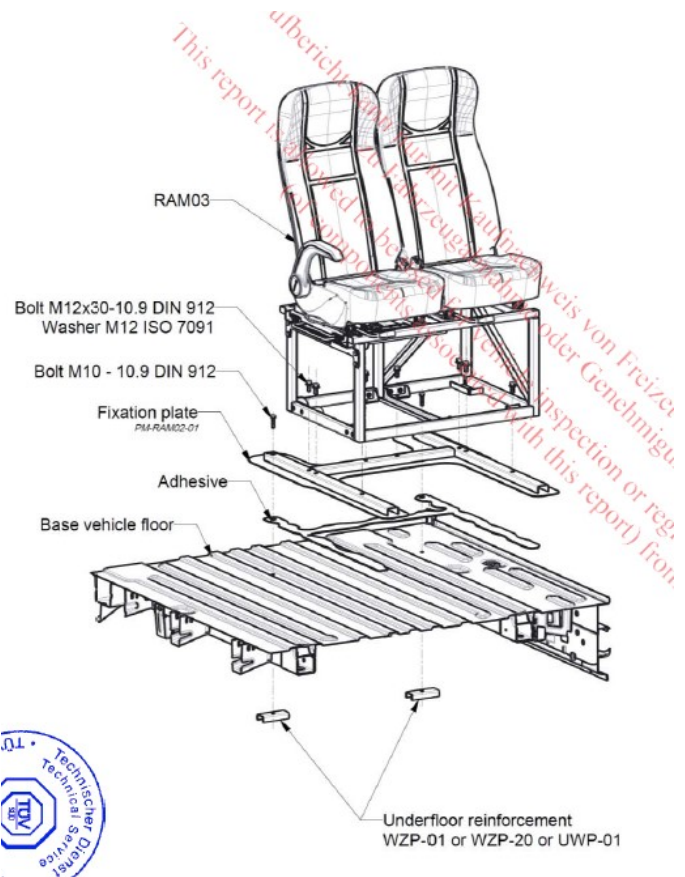
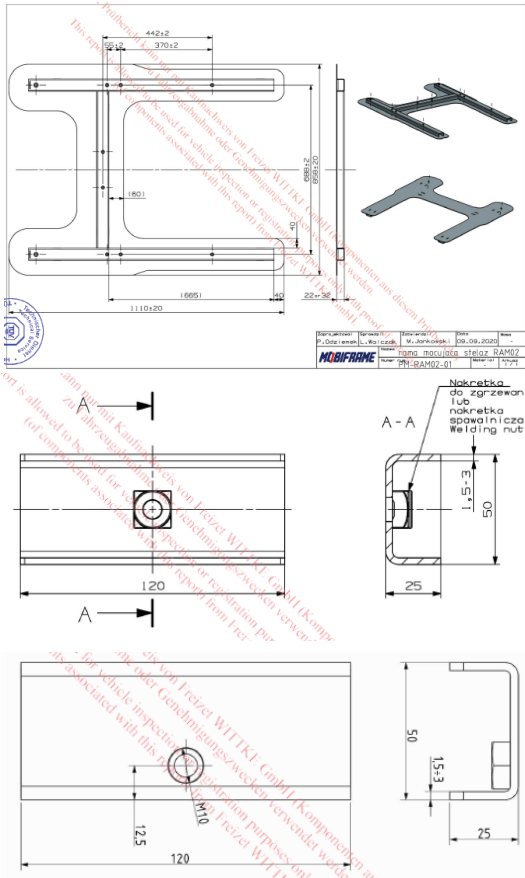
Screw the underfloor reinforcements. Tightening torque 30 Nm. Use liquid anaerobic glue to secure the bolts.

Schritt 5:

Unterbodenverstärkungen

- die Löcher mit $\varnothing 11$ entsprechend den vorhandenen Löchern im Montageadapter in den Fahrzeugboden wurden im Schritt 1 vorgebohrt
- schrauben Sie die Unterbodenverstärkungen fest. Verwenden Sie den Betamate, um die Schrauben zu befestigen

Befestigungskomponente – Montageadapter



Screw the underfloor reinforcements. Tightening torque 30 Nm. Use liquid anaerobic glue to secure the bolts.

Montageset beinhaltet:

- 2x Unterbodenverstärkung UWP-01 C-Profil 50x25x120 mit M10-Mutter
- Montageadapter, Gewicht: 7 kg
- Reiniger Betaclean
- Klebstoffe Betaprime und Betamate



Klebstoffe

Technische Datenblätter:

- Betaclean 3350
- Betaprime 5061
- Betaprime 5500
- Betamate 7120

Dow Automotive Technical Datasheet
Aftermarket Division

BETAPRIME 5061

Description / Application:
One-step universal primer for glass, plastic, metal, and other substrates. Compatible with BETACLEAN 3350 and BETAPRIME 5500. A clear, colorless primer for bonding with BETACLEAN 3350 and BETAPRIME 5500.

All Dow Automotive products are primarily developed in cooperation with the automotive manufacturers, according to their needs and their specifications. They are approved for the specific applications as defined by the customer.

The use of the product other than approved application shall be released in writing by the Technical Service of Dow Automotive.

Technical Data:

Basic	White, non-toxic, polymeric
Color	White
Appearance	Clear liquid
Density	0.95 g/cm ³ at 23°C
Viscosity (DIN 5156)	14 mPa·s at 23°C
Flash point	Not flammable and safety data sheet
Processing temperature	10 - 40°C
Exposure time	10 - 30 min at 23°C (100% RH), max. 1h at 23°C (50% RH) or 30 min at 40°C (50% RH)
Instruction for use	Apply with brush, roller, or spray gun. Do not touch the surface until the primer is completely dry. Do not touch the surface until the primer is completely dry. Do not touch the surface until the primer is completely dry.
Shelf life	12 months in unopened containers (see "see shelf life" data printed on the container)

Dow Automotive quality assurance

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Dow Automotive Technical Data Sheet

BETACLEAN 3350

Description / Application:
BETACLEAN 3350 is a cleaner for removing dirt and grease from plastic, paint and glass.

Technical Data:

Basic	White
Color	Colorless, homogeneous
Density	0.85 g/cm ³ at 23°C
Flash point	> 30°C
Instructions for use	100% concentrated surface with BETACLEAN 3350. Rinse with water. Do not touch the surface until the primer is completely dry. Do not touch the surface until the primer is completely dry.
Shelf life	24 months in unopened containers
Containers	20L, 200L aluminum containers
Production measures	See health and safety data sheet

Dow Automotive Technical Datasheet

BETAPRIME 5500

Short Description:
Adhesion promoter primer for laminated glass with enamel layer and enamel substrates. To be used in combination with Dow Automotive Systems P-9 Adhesive.

Properties:
One-step primer which can be used without solvent vapor pretreatment. Primer with short open time.

Application:
One-step primer for bonding with BETACLEAN 3350 and BETAPRIME 5061. Do not touch the surface until the primer is completely dry. Do not touch the surface until the primer is completely dry.

Technical Data:

Basic	Polyurethane
Color	Black
Appearance	Clear liquid
Density	1.00 - 1.02 g/cm ³
Flash point	> 30°C
Viscosity (DIN 5156)	10 - 12 mPa·s
Shelf life	12 months in unopened containers
Containers	20L, 200L aluminum containers
Production measures	See health and safety data sheet

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Dow Automotive Technical Datasheet

BETAMATE 7120

Description / Application:
Single-component, high viscosity, atmospheric humidity curing polyurethane bonding/sealing compound for high strength, particularly elastic, joints. Use following test conditions for approval of primer and coating material. Use following test conditions for approval of primer and coating material. Use following test conditions for approval of primer and coating material.

Technical Data:

Basic	polyurethane (elastomeric)
Color	black
Density	~ 1.20 g/cm ³ at 23°C
Solid content	> 90%
Viscosity (DIN 5156)	2000 - 3000 mPa·s at 23°C
Flash point	> 30°C
Processing temperature	10 - 40°C
Shelf life	12 months in unopened containers
Containers	20L, 200L aluminum containers
Production measures	See health and safety data sheet

Technische Zeichnungen RAM03

