

THE NUMBER ONE  
IN BODY REPAIR

**carbon**<sup>®</sup>



**PROFITABLE REPAIR  
BEATS REPLACEMENT**

Professional Car Body Repair Solutions  
for Steel and Aluminum Panels

Quality. Know-how. Services.

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# PROFESSIONAL CAR BODY REPAIRS

## VAS 6321 MIRACLE SYSTEM | THE BASE

“Repair – don’t Replace” The VAS 6321 is the leading solution for the repair of damages on car body panels. Enables you to achieve perfect, quality repairs and to work highly profitable.

With 12 pulling tools and more than 500 accessories, the VAS 6321 offers the most flexible and complete car body repair workplace on the market. It is the main base for all repairs on steel and aluminum panels.



## VAS 6321/1 MIRACLE GLUEING KIT | EFFICIENT REPAIR



The revolutionary Miracle Glueing Kit lets you remove 80-90 % of the deformation in no time. The essential tool for damages on steel panels and a definite Must-have for Aluminum repair.



## VAS 6324 AIROPOWER PRESS | CLEAN. LIGHTWEIGHT. POWERFUL



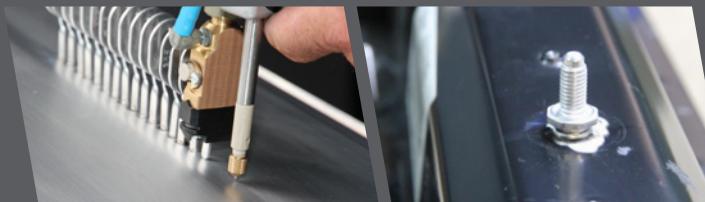
With an incredible Push and Pull power of up to 5.2 tons, the lightweight (3.7 kg) pneumatic AiroPower press perfectly supplements the VAS 6321. The universal tool for everyday use in your workshop.





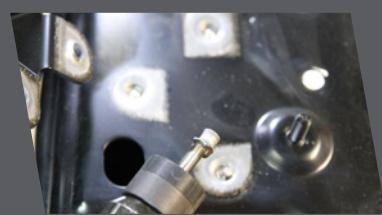
## VAS 852 001 ALUREPAIR PLUS | THE NEW DIMENSION

AluRepair plus is the only solution for high-quality repairs of aluminum panels and hang-on parts. The process-safe system can be used to weld Alu-Bits for dent removal, to weld studs in steel and aluminum, aluminum ground studs and extractor studs for the removal of punch rivets.



Weld special Alu-Bits for the repair of Aluminum Panels with VAS 6321

Weld studs and ground studs up to Ø 10 mm



Weld extractor studs for the removal of punch rivets quickly and safely (separate tool required)

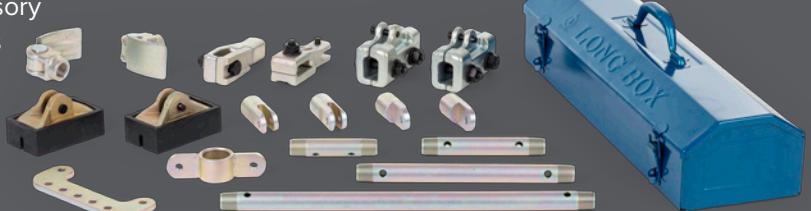


NEW: AluRepair plus

The Miracle AluRepair system has been awarded the German State Award for outstanding innovation for the trade.

## VAS 6324/1 AIROPOWER ECO-KIT | EQUIPPED FOR ALL CASES

The ECO-Kit extends the flexibility of the AiroPower pneumatic press. With the 19-pieces accessory kit you can create various setups for the fast and profitable repair of almost any possible damage.



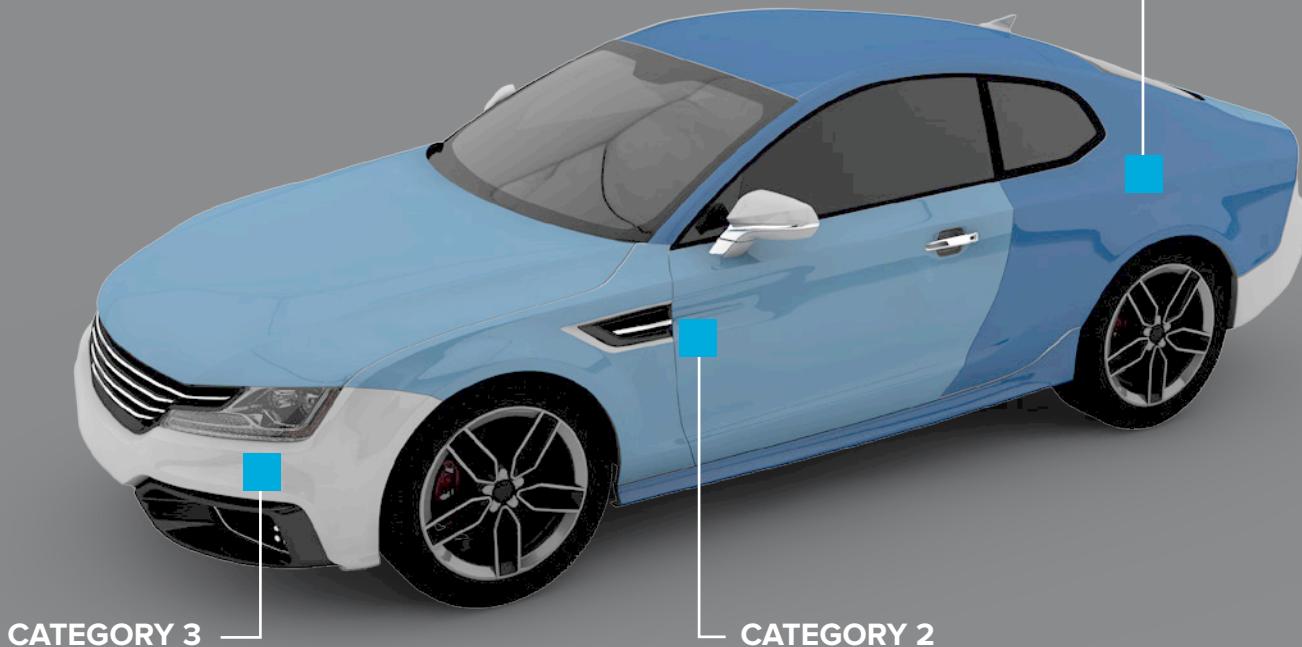
## HOW THE MIRACLE METHOD WORKS



Using various Miracle components, the original shape of the panel can be restored fast and easily. Firstly, the main deformation is straightened out using the Miracle gluing technology and AiroPower. Then, Miracle bits and components like the Strong- or Easy-Puller are being used to achieve a perfect finish. In the subsequent paint preparation process only a minimum amount of filler is needed as the area where paint is removed can be kept very small. In addition to the technological benefits, Miracle increases profits by drastically reducing repair time and material cost.

# MIRACLE SYSTEM

The best repair technology for more than 60 percent of all car body damages



Bumpers and other plastics parts cannot be repaired using the Miracle-System. For the repair of cracks, breaks and deep scratches in plastic parts we offer professional solutions such as the VAS 6601 Plastic Repair Set.

## CATEGORY 1

Perfectly suited for Miracle repairs are any damages on welded or bonded car body parts such as side/quarter panels, rockers, inner fenders and the roof of the vehicle.

With hang-on parts such as hoods, doors, fenders or lift gates the best repair method depends on the type and severity of the damage. With smaller damages, when parts are made from aluminium or are expensive, the repair with Miracle is advisable, both technically and economically.

## THE CHALLENGE: ALUMINIUM

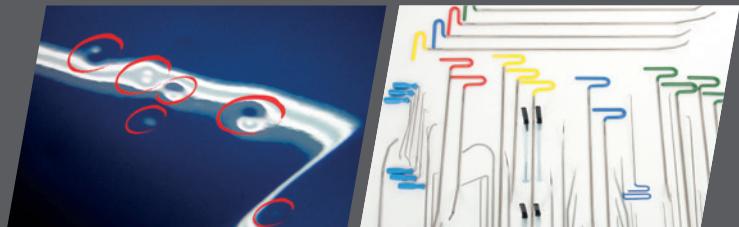


With more than 30 per cent the car body has the largest share of the vehicles total weight. In order to achieve necessary reduction of CO<sub>2</sub> emissions and fuel consumption, more and more car body components are made from aluminium. Currently on more than 250 models, aluminum components such as hoods or doors are being used. Out of ignorance damaged Aluminum components are often not replaced, although with Miracle AluRepair an economically and ecologically sensible repair method is available. Various car manufacturers have already specified the VAS 852 001 AluRepair plus system as their standard for aluminium repairs.

# PAINTLESS DENT REPAIR SOLUTIONS

## PROFESSIONAL TOOL SETS AND ACCESSORIES

Carbon offers high-quality tool and accessories sets for PDR beginners as well as for advanced professionals. In addition, a wide range of special dent rods and customized tools for all PDR applications is available.



### **VAS 6332** XL-Profi Set

61 Dent Tools, Accessories-Kit  
plus CZ-130 Stool

### **VAS 6333** Professional Set

40 Dent Tools, Accessories-Kit  
plus CZ-130 Stool

### **VAS 6334** Basic Set

25 Dent Tools, Accessories-Kit



**NEW**

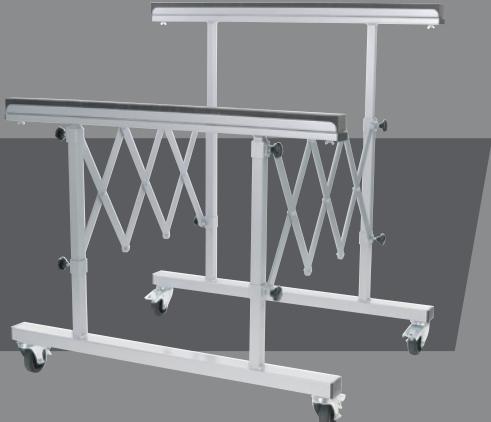
### **VAS 842 023** Dent Line Reflector

PDR Glueing Kit    **VAS 6364**



### **VAS 6647** Extendable Rack | Fully adjustable

Heavy duty, multi-functional and extendable rack for placing parts like doors, hoods etc. for repair. Can be easily adjusted in length (30 - 138 cm) and height (80 - 100 cm), width is 100 cm.



# PAINTLESS DENT REPAIR SOLUTIONS



## NEW: LED Light | CZ-160

Modern, energy-efficient LED-Light for regular and shadow lighting. Adjustable lamp body can be rotated 360°

## VAS 6601 Plastic Repair Set | Profitable and smart



Perfect for repairing cracks, breaks and deep scratches in plastic parts, such as bumpers, trim elements and other ancillaries. Components made from thermoplastic, e.g. PP, PP-EPDM, PE, PC or ABS, can be processed with a high level of repair quality.

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