



## Audi Authorized Aluminum Collision Repair Tool Catalog

Tools and Equipment.



## Specialized Tools and Equipment

Audi’s authorized Aluminum Collision Repair Network consists of highly specialized collision repair facilities located throughout the United States.

Each specialized collision repair facility is equipped with all of the Audi factory-recommended tools and equipment needed to perform structural or cosmetic collision repairs.

Certified aluminum welding and intensive technical training is available to help ensure the highest level of collision repair expertise. With this combination of factory tools, equipment and trained technicians, Audi strongly recommends that any damaged Audi vehicle be repaired at one of the authorized facilities.

For aluminum collision repair, the necessity for a self-contained work environment is especially important. Aluminum welding requires its own environment, as airborne steel dust particles can corrupt aluminum welding integrity. Aluminum surfaces can deteriorate through contact corrosion from such materials as steel, chrome, zinc or lead. Specialized tools, equipment, training and techniques unique to the tensile properties of aluminum are required.

The aluminum repair tools, equipment and training needed to meet these challenges are incorporated into the Audi Aluminum Collision Repair Network.



Tools and Equipment Requirements



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Repair Bay Equipment and Accessories

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Must order these or have equivalent tool

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## Tools and Equipment Requirements (continued)

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Product information is subject to change without notice.



The AUDI aluminum repair bay VAS 6572 ensures the necessary isolation of aluminum vehicles in a body repair shop, which is vitally important for reasons of corrosion. This bay assists in reducing repair times considerably by cutting setup times for each working step during the repair of aluminum car bodies or aluminum components.

**The aluminum repair bay is a modular system containing the following modules:**

- ▶ Support construction made by an aluminum truss system
- ▶ Hanging supply trolley
- ▶ Protective curtain system
- ▶ Professional light system
- ▶ Portable vacuum cleaner protected from dust explosion, VAS 6572/1
- ▶ AUDI aluminum body repair tool kit, VAG 2010/2
- ▶ Parts storage rack, VAS 6571/4

**Dimensions:**

- ▶ Length: 8.0m (26.25 ft.)
- ▶ Width: 6.0m (19.69 ft.)
- ▶ Height overall: 3.5m (11.48 ft.)
- ▶ Weight: Approx 680 kg (1,500 lbs.)

The aluminum truss system can be adapted easily to every existing local situation. There are wall connectors, adjustable suspensions or columns available, as well as mixtures of these standard versions.

The truss standard elements are connected by precision cone fixtures that lock with bolts and locking pins, making it easy and fast to assemble during the installation process. You also have the option to rebuild it if there is another location required by any reason in the future.

The hanging supply trolley moves inside a U-shaped track to the repair zone at the car and provides you with electrical power, air supply and tools immediately at hand. All cables and hoses of the feeding remain ahead inside the track. The floor is always free of cables, reducing the risk of trip accidents. Dent removal equipment and other machinery located in the aluminum repair bay can be installed on the platform of the supply trolley. The vacuum cleaner and aluminum welding machine can be connected to the power supply of the hanging trolley as well.

**The supply trolley contains:**

- ▶ 2 cable spools 110 V – 16A
- ▶ 2 hose reels 3/8"
- ▶ 1 maintenance unit for compressed air
- ▶ 4 retaining holsters for electric tools
- ▶ 1 perforated shelf to fix tools
- ▶ 1 board to carry machinery and equipment
- ▶ 2 connectors for compressed air to supply the machinery and equipment
- ▶ 1 energy box with 2 sockets CEE 220 V – 16A, 2 sockets 110 V – 16A and integrated fuses
- ▶ Protective bumper

The curtain is made by a special material (E-glass-compound) used for welding protection applications. The material of the red viewing window conforms to DIN EN 1598 (eye protection at MIG welding areas) and protects the eyes of the other workers or customers outside the work bay.

The curtains are manufactured individually based on location specifications. They are reinforced on all sides and include yellow Aramid reinforcements in front to pull the curtain. The inner side has a special coating to increase the reflection of the lamps. The outer side is aluminum grey.

To increase the output of the lighting system, the curtain system has a special coating for reflection at the inner side. If the curtain is closed, the lighting performance is higher than 1.000 Lux on horizontal and higher than 700 Lux on vertical surfaces in a height of 1m from the ground. The prismatic glasses protect the eyes of the worker.

The work bay comes with 4 rows of lamps (20 long-life lamps of 80 W each). The color of the light is similar to daylight to reproduce colors as best as possible.

To reach a maximum of light on the vertical surfaces of the car body, the system is equipped with special non-symmetric reflectors to reach a maximum of light on the vertical surfaces of the car body. (See picture.)

**Note:**

- ▶ Planning instructions can be requested from the distributor or manufacturer if required.
- ▶ It is important to locate the lifting platform in the center of the steel body repair bay.
- ▶ It is recommended to use an under-floor version for the lifting platform inside the steel body repair bay. Column versions are possible, but it might become difficult to repair cars with a side impact.
- ▶ **Exhaust pipe and explosion protection channel to open air is no longer required as the VAS 6572 now comes with a portable vacuum system (VAS 6572/1).**

**Assembly:** The system is assembled by the manufacturer for a fixed price.

**Warranty:** 24 Months

**Manufactured by:** ProWoTech GmbH

**Supplied by:** Snap-on Business Solutions 1-800-892-9650



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### Aluminum Tool Kit with Storage Cart (included with VAS 6572)

VAG 2010/2

This 81-piece tool kit with portable storage cart was designed especially to meet the specific requirements necessary for body repairs on Audi vehicles. Color coding helps to ensure that the tools are used exclusively on aluminum vehicles.



**Includes:**

- ▶ 1 x Rabitz tongs, length 250mm
- ▶ 1 x dolly (110 x 50mm, height 50mm)
- ▶ 1 x dolly (120 x 58mm, height 20mm)
- ▶ 1 x universal dolly (76 x 56mm, 65 x 47mm, height 60mm)
- ▶ 1 x dolly
- ▶ 1 x moulding spoon, (60 x 30 x 200mm)
- ▶ 1 x moulding spoon, (105 x 85 x 38mm)
- ▶ 1 x crowbar, special steel with leather protector
- ▶ 1 x folding pliers, 45° angle
- ▶ 1 x file DIN 7264, form A, coarse
- ▶ 1 x file DIN 7264, form F, coarse
- ▶ 1 x file (350 x 430mm), fine, cross-cut
- ▶ 1 x file (350 x 530mm), coarse, simple cut
- ▶ 1 x file handle, wood, flat
- ▶ 1 x file handle, wood, semicircular
- ▶ 1 x ball pein hammer, 160mm
- ▶ 1 x aluminum hammer Ø 30mm
- ▶ 1 x plastic hammer, Ø 23mm
- ▶ 1 x plastic hammer, Ø 28mm
- ▶ 1 x plastic hammer, Ø 35mm
- ▶ 1 x plastic hammer, bounce-free, Ø 30mm
- ▶ 1 x plastic hammer, bounce-free, Ø 45mm
- ▶ 1 x plastic hammer, bounce-free, Ø 60mm
- ▶ 1 x chisel, blade width 26mm
- ▶ 1 x aviation sheers, left cutting
- ▶ 1 x aviation shears, right cutting
- ▶ 1 x spot weld miller
- ▶ 1 x angled screwdriver DIN 911, blade 8mm
- ▶ 1 x wire brush, V2A bristles, 4 rows
- ▶ 1 x German hammer DIN 1041, quality grade A, 300 g
- ▶ 1 x German hammer DIN 1041, quality grade A, 500 g
- ▶ 1 x hammer, 1/2 lbs.
- ▶ 1 x 6mm T-handled nut driver, length 262mm
- ▶ 1 x 8mm T-handled nut driver, length 262mm
- ▶ 1 x 10mm T-handled nut driver, length 262mm
- ▶ 1 x 11mm T-handled nut driver, length 262mm
- ▶ 1 x 13mm T-handled nut driver, length 262mm
- ▶ 1 x 6mm ring/open-end spanner, DIN 3113, form A
- ▶ 1 x 7mm ring/open-end spanner, DIN 3113, form A
- ▶ 1 x 8mm ring/open-end spanner, DIN 3113, form A
- ▶ 1 x 9mm ring/open-end spanner, DIN 3113, form A
- ▶ 1 x 24mm ring/open-end spanner, DIN 3113, form A
- ▶ 1 x 12-piece set of ring/open-end spanners (10 – 22mm)
- ▶ 2 x specialized grip clamps with narrow, straight jaws
- ▶ 2 x specialized grip clamps with (1) narrow and (1) curved jaw
- ▶ 2 x grip clamps with single swivel jaw, length 250mm
- ▶ 3 x grip clamps with parallel jaws, length 250mm
- ▶ 3 x grip clamps with combination jaws, length 190mm
- ▶ 2 x universal grip clamps, length 300mm
- ▶ 1 x universal pliers DIN 5231 F, 250mm length
- ▶ 1 x door trim lever, length 250mm
- ▶ 1 x angled scraper with changeable hardened steel blade
- ▶ 1 x screwdriver DIN 5265, type D, (1.0 x 5.5 x 100)
- ▶ 1 x screwdriver DIN 5265, type D, (1.2 x 8.0 x 150)
- ▶ 1 x screwdriver DIN 5265, type D, (1.6 x 10.0 x 175)
- ▶ 1 x screwdriver DIN 5265, type A, (0.4 x 2.5 x 75)
- ▶ 1 x screwdriver DIN 5265, type A, (1.0 x 5.5 x 125)
- ▶ 1 x screwdriver DIN 5264, type B, (1.0 x 5.5 x 15)
- ▶ 1 x screwdriver DIN 5262, type B, PH 1
- ▶ 1 x screwdriver DIN 5262, type B, PH 2
- ▶ 1 x screwdriver DIN 5262, type B, PH 3
- ▶ 1 x hole embossing pliers, special design, length 300mm

**Warranty:** 24 Months

**Manufactured by:** ProWoTech GmbH

**Supplied by:** Snap-on Business Solutions 1-800-892-9650

### Portable Vacuum System (included with VAS 6572)

VAS 6572/1

The vacuum system VAS 6572/1 is an industrial vacuum cleaner type D1 for Zone 22 and includes markings according to ATEX II 3D regulations, which was configured especially for the requirements during aluminum repair processes of AUDI vehicles.

**Includes:**

- ▶ Portable extraction unit
- ▶ Set of adapters (for connection to various grinding tools)
- ▶ Hoses
- ▶ Telescopic arm to catch aluminum welding smoke
- ▶ Technical and safety documentation

**Design:**

- ▶ Voltage: 220V 3 Phase 60 Hz
- ▶ ATEX specification: Zone 22 II D



**CAUTION – ALUMINUM DUST CONCENTRATIONS MAY BECOME EXPLOSIVE.**

Local exhaust ventilation, i.e., an extraction facility for work on aluminum vehicles, is absolutely essential. To be protected, it is a must to vacuum the aluminum dust in an effective and safe manner. The vacuum system VAS 6572/1 was designed for all requirements during aluminum body repairs.

**The Safety Concept**

The vacuum system VAS 6572/1 keeps ignition sources away from the aluminum dust container. The hot aluminum dust is vented through a labyrinth device before it goes through a cooling zone of 5m length. This reduces the maximum temperature of the particles so much that any ignition inside the dust container becomes impossible.

This safety concept and its efficiency was tested and certified by the TÜV Sachsen-Anhalt e.V. safety institute in Germany. This safety certification comes with the product documentation.

**NOTE:**

**Exhaust pipe and explosion protection channel to open air is no longer required for this portable vacuum system (VAS 6572/1).**

**Warranty:** 24 Months

**Manufactured by:** ProWoTech GmbH

**Supplied by:** Snap-on Business Solutions 1-800-892-9650

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**Parts Storage Rack System (included with VAS 6572)**

VAS 6571/4

Parts Storage Rack System VAS 6571/4 provides a clean, safe area for storage of all parts removed from the car during the repair process. The container includes a box for small parts, different hooks and belts, a cover for glass, pins to carry the windshield and a rubber plate to protect blank parts from contact corrosion.

**Design:**

- ▶ Height: 1.9m (6.23 ft.)
- ▶ Width: 1.1m (3.60 ft.)
- ▶ Depth: 0.8m (2.62 ft.)
- ▶ Weight: 42 kg (93 lbs.)

**Warranty:** 24 Months

**Manufactured by:** ProWoTech GmbH

**Supplied by:** Snap-on Business Solutions 1-800-892-9650



**Aluminum Shielded Arc Welding Unit**

VAS 6388

This fully digital aluminum shielded arc welding unit VAS 6388 has been designed specifically for repairs to vehicles with aluminum bodies. Operation is simple and convenient.

**Design and Features:**

- ▶ Current range: 3–270 amp
- ▶ Idling voltage: 50 volt
- ▶ Mains voltage: 3ph 208/460/480 volt +/- 15%
- ▶ Dimensions, current source (mm): 625 x 290 x 480
- ▶ Wire diameter: 0.8–2.0mm
- ▶ Working voltage: 14.2–27.5 volt
- ▶ Weight: 27.5 kg (60.63 lbs.)

**Warranty:** 24 Months

**Manufactured by:** Fronius

**Supplied by:** Snap-on Business Solutions 1-800-892-9650



**Aluminum Shielded Arc Welding Unit**

VAG 2001B

This fully digital aluminum shielded arc welding unit VAG 2001B has been designed specifically for repairs to vehicles with aluminum bodies. Operation is simple and convenient. Different welding parameters can be set on a storage card system and called up at the press of a button. Changes to the parameters or updates to the equipment software can be carried out via a new storage card system. Good welding finishes can be achieved at lower heat thanks to the Quattro pulse function. All the important equipment functions can be called up without having to change the working position from the handle.



**Design and Features:**

- ▶ Current range: 15–300 amp
- ▶ On duration 100%: 220 amp/25.0 volt
- ▶ 60%: 250 amp/26.5 volt
- ▶ 25%: 300 amp/29.0 volt
- ▶ Idling voltage: 15–68 volt
- ▶ Mains voltage: 400 volt +/- 15%
- ▶ Dimensions, current source (mm): 690 x 270 x 6300
- ▶ Wire diameter: 0.8–2.0mm
- ▶ Wire ejection speed: 0.5–24m/min.

**Warranty:** 24 Months

**Manufactured by:** Migatronic, Gießen

**Supplied by:** Snap-on Business Solutions 1-800-892-9650



Rechargeable Riveter

VAS 5279B

The rechargeable riveter VAS 5279B is required for body repairs on Audi A2/Audi A8/ Audi TT/Audi R8 (all-aluminum bodies). The tool was developed to Audi specifications for the following service and repair procedures:

- ▶ Removing punch rivets
- ▶ Aligning body flanges
- ▶ Preparing holes for solid rivets
- ▶ Embossing for solid rivets
- ▶ Drawing in solid rivets
- ▶ Aluminum solid rivets should be used for repair work, which can be ordered from the Parts Division in Kassel as standard parts:
  - ▶ Solid Aluminum Rivets, 4mm diameter, 8mm length, Part No. N 103 239 01
  - ▶ Solid Aluminum Rivets, 4mm diameter, 12mm length, Part No. N 103 240 01
  - ▶ Solid Aluminum Rivets, 5.3mm diameter, 6mm length, Part No. N 909 261 02
  - ▶ Solid Aluminum Rivets, 5.3mm diameter, 7.5mm length, Part No. N 911 365 01

The screw clips included in the items supplied are used to secure the new body parts in place.

**Note:**

The repair procedure is described in the Workshop Manuals for Audi A2 and Audi A8.

**Includes:**

- |   |  |
|---|--|
| ▶ (1) plastic case  | ▶ (20) positioning clips, 4.0mm diameter   |
| ▶ (1) charger   | ▶ (20) positioning clips, 4.8mm diameter   |
| ▶ (1) C frame, type SNK 50 A                                | ▶ (1) tool insert  |
| ▶ (1) dust cap  | ▶ Stamp and die plate for respective repair procedures (including 3.2mm diameter punch rivet as series solution) |
| ▶ (1) spacer for C frame, type SNK 50 A                     | ▶ (1) lubricant  |
| ▶ (1) electro-hydraulic hand unit with rechargeable battery | ▶ (1) operating instructions   |
| ▶ (1) replacement battery                                   |  |
| ▶ (20) positioning clips, 2.4mm diameter                    |  |

**Warranty:** 24 Months

**Manufactured by:** Avdel Deutschland GmbH

**Supplied by:** Snap-on Business Solutions 1-800-892-9650



Pneumatic Pop Riveter

VAG 2003A

The pneumatic pop riveter VAG 2003A is required for general body repairs on the Audi A2/Audi A8 (aluminum body). The pull head was designed to Audi specifications. The riveter allows the following repair work to be carried out:

- ▶ Application of repair rivets (aluminum pop rivets), e.g., Audi A8, rear side.
- ▶ In conjunction with VAS 5196 – removal of rivets only accessible on (1) side, e.g., Audi A2 side.

**Important:**

Only Parts Catalog-prescribed pop rivets may be used.

**Note:**

The repair procedure is described in the Workshop Manual Audi A2/Audi A8.

**Includes:**

- |  |                                      |
|--|--------------------------------------|
| ▶ (1) riveter (working pressure 6 bar)                   | ▶ (2) sets of clamping jaws (3 part) |
| ▶ (1) pull head  | ▶ (1) rivet pin ejector              |
| ▶ (2) pull head wrenches                                 | ▶ (2) ejector springs                |
| ▶ (1) plastic case with box for rivets                   | ▶ (1) spring pin                     |
| ▶ (2) nozzles for removing punch press rivets, 9mm       | ▶ (1) guide sleeve                   |
| ▶ (2) nozzles for 100° rivets                            | ▶ (1) guide                          |
| ▶ (2) nozzles for pop rivets with rounded head (4 – 5mm) | ▶ (2) springs                        |

**Warranty:** 24 Months

**Manufactured by:** Hausmann GmbH, Hann.Münden

**Supplied by:** Snap-on Business Solutions 1-800-892-9650





**Pneumatic Sabre Saw**

VAG 1523B

Sabre saw for versatile, rational and trouble-free use. Distortion-free work in hard to reach areas of the body thanks to its particularly compact design. The saw VAG 1523B is a further development of the saw VAG 1523A already in service and therefore complies with the strict requirements of the trade association for insurance liability and occupational safety and health and associated accident prevention regulations. As panels become increasingly harder in the area of body construction, cutting tools have to meet tougher requirements. The saw VAG 1523B is made with high precision and quality and equates to the latest state of technology.

**Design and Features:**

- ▶ Drive: Pneumatic
- ▶ Stroke frequency: approx. 12,000 stroke/min.
- ▶ Air Pressure: 6–8 bar
- ▶ Output: approx. 300 Watts

**Includes:**

- ▶ (1) saw
- ▶ (1) saw blade 1x14 tpi
- ▶ (1) saw blade 18 tpi
- ▶ (1) saw blade 24 tpi
- ▶ (1) saw blade 32 tpi
- ▶ (1) wrench for tool holder
- ▶ (1) operating manual

**Warranty:** 24 Months

**Manufactured by:** Avdel Deutschland GmbH

**Supplied by:** Snap-on Business Solutions 1-800-892-9650



**5" Magnum® Sander/Grinder**

VAG 1528A

The MLW6149-20 5" 8.5 amp grinder is ideal for getting into tight spaces where other grinders cannot. Its low profile and light weight make it perfect for those medium-duty sanding and grinding projects. An integrated lock-off button is featured in the paddle switch. A lock-on button is also available for continuous-use operations. The tool is double-insulated (two-prong cord) and incorporates the industry standard 5/8-11 threaded arbor. Like its heavy-duty big brothers, it also has spiral bevel gears for optimum transmission of torque to the workpiece. The comfortable body-grip style is easy to hold onto, and in conjunction with the supplied side handle, allows maximum operator control. The side handle can be attached in (3) locations. The wheel guard can be moved around the spindle (without the use of tools) for greatest operator protection. Sold as a grinder with guard, this tool can be used as a sander when a 5" backing pad and disc are attached.

**Features:**

- ▶ 8.5 amp, 10,000 r.p.m., AC/DC
- ▶ Spiral bevel gearing for performance and durability
- ▶ All ball and roller bearing construction
- ▶ Tool-free adjustable wheel guard

**Includes:**

- ▶ Guard
- ▶ Grinding wheel
- ▶ Side handle
- ▶ Flange
- ▶ Flange nut
- ▶ Spanner wrench

**Warranty:** 24 Months

**Manufactured by:** Milwaukee Electric Tool

**Supplied by:** Snap-on Business Solutions 1-800-892-9650



## Paint Thickness Tester

VAS 5278

The paint thickness tester VAS 5278 allows precise and damage-free paint thickness measurement on steel/iron or non-ferrous metals. The electronic tester with LCD digital display indicates the measurement data according to selection via the menu.

### Design and Features:

- ▶ Infinitely variable measuring range:  
0–5000 µm or 0–00 mils
- ▶ Basis tolerance: +/- 1 µm or +/- 0.06 mils
- ▶ Temperature range: 0–60° C
- ▶ Power supply: 9 volt, e-block
- ▶ Display: 4-digit liquid crystal display (LCD)

### Includes:

- ▶ (1) tester for steel/iron
- ▶ (1) tester for non-ferrous metals
- ▶ (1) service bag
- ▶ (2) zero plates
- ▶ (1) set of operating instructions

**Warranty:** 24 Months

**Manufactured by:** Salutron GmbH, Bad Salzufen

**Supplied by:** Snap-on Business Solutions 1-800-892-9650



## Multi-Cutter

VAG 1683

The pneumatic multi-cutter supplements the wire-cutting method of removing bonded windscreens and has all the advantages normally featured on standard compressed air tools. The cutter is particularly small and handy and allows one-handed setting of the oscillation rate, which is a welcome alternative to the awkward dial fitted on other electrical equipment.

### Design and Features:

- ▶ Pneumatic tool with hand guard and 12-point chuck for special blades VAG 1561/1–10
- ▶ Output: max. 0.37 kW
- ▶ Blade oscillations (infinitely variable): 1000 – 22,000/min.
- ▶ Weight: 1.0 kg
- ▶ Head height: 55mm
- ▶ Total length: 190mm
- ▶ Average air consumption: 0.3 m<sup>3</sup>/min.
- ▶ Operating pressure: 4–6 bar

### Includes:

- ▶ Pneumatic tool in carrying case
- ▶ Wrench
- ▶ Connection and extraction hoses (without blades)

### Supplied Accessories:

- ▶ (2) blades, offset, 25mm – VAG 1561/4
- ▶ (2) blades, L-shaped, 25.4mm – VAG 1561/22
- ▶ (2) blades, U-shaped – VAG 1561/23

**Warranty:** 24 Months

**Manufactured by:** Chicago Pneumatic, Geisenheim

**Supplied by:** Snap-on Business Solutions 1-800-892-9650



Pneumatic Hammer

VAG 1577

The pneumatic hammer VAG 1577 has a hardened, replaceable hexagon bush, which prevents increased wear and a reduction in performance caused as a result. It further features a control valve, with which the number of impacts and intensity can be set exactly. Precision work is assured with recoil damping and an excellent center of gravity.

Design and Features:

- ▶ Excellent center of gravity
- ▶ Sensitive impact control
- ▶ Hardened, ground chisel bushes
- ▶ Piston Ø: 19mm
- ▶ Stroke: 67mm
- ▶ Number of impacts (at 6 bar): 3,300/min.
- ▶ Compressed air connection: 1/4"
- ▶ Weight: 1.7 kg

Includes:

- ▶ Pneumatic hammer with safety retaining spring and rebound ring
- ▶ (1) flat chisel
- ▶ (1) universal panel cutter

Replacement Parts:

- ▶ Flat chisels (1 set of 2) – VAG 1577/1
- ▶ Universal panel cutter (1 set of 2) – VAG 1577/2

Warranty: 24 Months

Manufactured by: Chicago Pneumatic, Geisenheim

Supplied by: Snap-on Business Solutions 1-800-892-9650



Accessory for Pneumatic Hammer VAG 1577



Ripper, Sheet Metal, 5/8" Wide, 5" Long, PHG51A

Replacement parts for Pneumatic Hammer VAG 1577



Chisel VAG 1577/1

Universal Panel Cutter VAG 1577/2

Parallel Grinder

MLW5192

Grinding in tight places around irregular surfaces is the specialty of this Milwaukee die grinder. The 5192 comes with 1/4" collet but will accept 1/8" collet as well. A full array of mounted points allows you to grind many shapes and diameters. At 21,000 r.p.m. with a 4.5 amp motor, this tool means business. A maximum 2" reinforced wheel or 1-5/8" non-reinforced wheel can be attached to this versatile grinder for deburring and shaping. On-off toggle switch, flip on and go to work.

Features:

- ▶ 4.5 amp, 21,000 r.p.m.
- ▶ For mounted wheels and points up to 1-5/8," reinforced wheels up to 2"
- ▶ 1/4" collet standard equipment, 1/8" collet available
- ▶ All ball and roller bearings

Includes:

- ▶ 1/4" collet
- ▶ 11/16" open-end wrench
- ▶ 1/2" open-end wrench

Warranty: 24 Months

Manufactured by: Milwaukee Electric Tool

Supplied by: Snap-on Business Solutions 1-800-892-9650



For additional product information or to place an order, visit us at [www.tools.audiusa.com](http://www.tools.audiusa.com), e-mail [vwaudi@snapon.com](mailto:vwaudi@snapon.com), call 1-800-892-9650 or fax 1-800-892-9651. Product information is subject to change without notice.



### Pneumatic Glue Gun

VAG 2005B

The pneumatic glue gun VAG 2005B is used with adhesive DA 001 730A1 for professional body repairs. The gun can be used consistently without interruption and for working large quantities of adhesive without causing undue fatigue to the operator. The adhesive (2-component adhesive) is injected in exact quantities and the (2) components are mixed optimally, which allows it to be applied without any mess.

**Includes:**

- Plastic case
- (1) pneumatic glue gun
- (18) mixing nozzles

**Note:**

The repair procedure is described in the respective Workshop Manual for the following models: VW Passat 97>, Audi A3, A4, A6 98>, A8. Adhesive cartridges and mixing nozzles are available from the Volkswagen Spare Parts Department. Adhesive Cartridge Part No. DA 001 730A1.

**Warranty:** 24 Months

**Manufactured by:** 3M, Neuss

**Supplied by:** Snap-on Business Solutions 1-800-892-9650



### Crack Detection Kit

VAG 2014

The crack detection kit VAG 2014 is used to locate even the smallest of cracks in metallic or ceramic materials. This is particularly important during body repairs on the Audi A8 for checking welding seams for example. The kit VAG 2014 consists of (3) components:

- Cleaning spray (cleaning process)
- Signal blue
- Developer spray (cracks are shown up by color contrast)

**Includes:**

- (2) cans of cleaning spray
- (2) cans of signal blue
- (2) cans of developer spray

**Supplied by:** Snap-on Business Solutions 1-800-892-9650



### Grindstone Holder

VAG 1931

The grindstone holder is used during aluminum body repair work (e.g., Audi A8) in conjunction with grindstone (Part No.: DA 009 800) to apply a special abrasive fluid in precise quantities.

This work procedure is necessary for all bonding and riveting work.

**Warranty:** 24 Months

**Supplied by:** Snap-on Business Solutions 1-800-892-9650



### Double Cartridge Gun

VAS 5237

With the double cartridge gun VAS 5237, window bonding set DA 004 600 A2 (2x 200 ml) can be processed. The vehicle is ready to drive after just 3 hours by using the 2-component system.

**Note:**

The procedure is described in Workshop Manual “General Body Repairs, Exterior; Glazing.”

**Includes:**

- (1) air pressure operated double cartridge gun

**Warranty:** 24 Months

**Manufactured by:** Teroson GmbH, Heidelberg

**Supplied by:** Snap-on Business Solutions 1-800-892-9650



### TORX Bit

VAG 1937

Accessory for TORX bit set VAG 1603A. Bit with 1/4" drive adapter.

**Application:**

Gas discharge headlight housing (Bosch) on Audi A8.

**Warranty:** 24 Months

**Supplied by:** Snap-on Business Solutions 1-800-892-9650



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### Welder's Apron

ASE 495 324 00 000

The welder's apron serves as a means of protection during welding and grinding work. It protects the whole upper body against injury from burns (flying sparks) and burn holes in the working clothes. The apron can be donned very quickly, is flexible in adjustment, and thereby fits all body sizes.

**Color:** Grey

**Manufactured by:** Ötscher Berufskleidung, Wallenhorst

**Supplied by:** Snap-on Business Solutions 1-800-892-9650



### Wing Protector

VAS 1917A

With wing protector VAS 1917A, damage to or soiling of the wings can be prevented.

- Can be used on all makes of Audi (apart from Audi TT)
- Magnetic and scratch-free attachment

**Warranty:** 24 Months

**Manufactured by:** Datex GmbH, Datteln

**Supplied by:** Snap-on Business Solutions 1-800-892-9650



### Welding Helmet

YA555A

#### Features:

- Large window "Lift Front" design with adjustable headband
- Tough thermoplastic resin material withstands up to 350° F ambient temperature
- Meets or exceeds ANSI, CSA, DIN and CE standards
- Factory-installed 4 1/2" x 5 1/4" IRUV shade #10 filter plate
- Clear front cover lens and clear safety lens (to protect eyes with Lift Front in the "up" position)

**Warranty:** 24 Months

**Manufacturer:** Blue Point

**Supplied by:** Snap-on Business Solutions 1-800-892-9650



### Storage Container for Small Parts

VAG 1929

The storage container with (5) drawers is ideal for the storage of corrosion-protected connecting elements (standard parts), which are used in aluminum body repairs (Audi A8). It is essential to store the replacement/standard parts (e.g., steel screws/bolts, steel nuts, etc.) separately to avoid contact corrosion.

#### Includes lockable storage container with:

- (5) fully telescopic drawers
- (5) inserts with various-sized compartments

**Warranty:** 24 Months

**Supplied by:** Snap-on Business Solutions 1-800-892-9650



### Mechanical Door Brace

VAG 1438

Used to maintain correct door aperture size during bodywork repairs and as an aid when welding in various sheet metal components.

- Used also for light alignment
- Suitable for all Volkswagen/Audi vehicles

**Warranty:** 24 Months

**Manufactured by:** Celette GmbH, Kehl

**Supplied by:** Snap-on Business Solutions 1-800-892-9650



### Six-Point Measuring Strip 260 – 320°

MWGV/150.5

**Supplied by:** Snap-on Business Solutions 1-800-892-9650



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### Straightening Bracket Set for Audi A8

VAG 2008

For each of the main support and bodywork mounting points, the straightening bracket set has a control and alignment mounting. It also features a special design for the front axle area, which ensures the necessary accuracy of the body mounting points for running gear and steering. Designed for use with basic set VAG 1610. The bracket set should be assembled in accordance with the isometric diagram.

**Includes:**

- ▶ All illustrated straightening bracket parts
- ▶ Storage trolley
- ▶ Isometric diagram

**Recommended Accessories:**

- ▶ Modular traverse – VAG 1392/1
- ▶ Extension plates – VAG 1610/1

**Color Coding:** Greenish yellow

**Warranty:** 24 Months

**Manufactured by:** Celette GmbH, Kehl

**Supplied by:** Snap-on Business Solutions 1-800-892-9650



### Straightening Bracket Set Supplement, Audi A8 MY 2003

VAS 6181

For each of the main support and bodywork mounting points, the straightening bracket set VAS 6181 has a control and alignment mounting. The special design of the brackets for the front axle (4-link front suspension) allows precision in the body mounting points required for the running gear and steering. Designed for use with basic set VAG 1610. The bracket set should be assembled in accordance with the isometric diagram.

**Includes:**

- ▶ (1) straightening bracket set
- ▶ Isometric diagram
- ▶ Storage trolley

**Color Coding:** Green RAL 6001

**Warranty:** 24 Months

**Manufactured by:** Celette GmbH, Kehl

**Supplied by:** Snap-on Business Solutions 1-800-892-9650



### Straightening Bracket Set Supplement, Audi A8 Long

VAG 2008/1

Extension of straightening bracket set Audi A8 VAG 2008. Using this supplement, Audi A8 vehicles with long wheelbases can be built.

**Includes:**

- ▶ (1) supplement set (extension plates)
- ▶ (1) isometric diagram

**Warranty:** 24 Months

**Manufactured by:** Celette GmbH, Kehl

**Supplied by:** Snap-on Business Solutions 1-800-892-9650



### Straightening Bracket Set Supplement, Audi A8 long >2003

VAS 6181/1

Extension of straightening bracket set for Audi A8 VAS 6181. With the VAS 6181/1 supplement, assembly of Audi A8 vehicles >2005, long version, is possible in conjunction with straightening bracket set VAS 6181.

**Includes:**

- ▶ Straightening bracket set
- ▶ Isometric diagram

**Color Coding:** Green RAL 6001


**Warranty:** 24 Months





**Manufactured by:** Celette GmbH, Kehl

**Supplied by:** Snap-on Business Solutions 1-800-892-9650

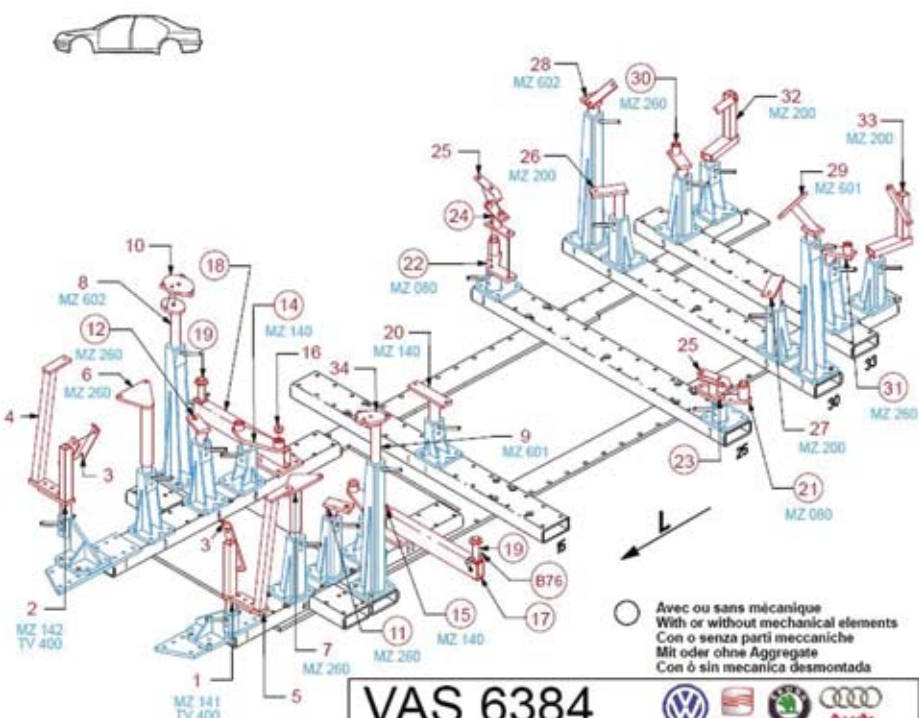












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○ Avec ou sans mécanique  
With or without mechanical elements  
Con o senza parti meccaniche  
Mit oder ohne Aggregate  
Con ó sin mecánica desmontada

VAS 6384



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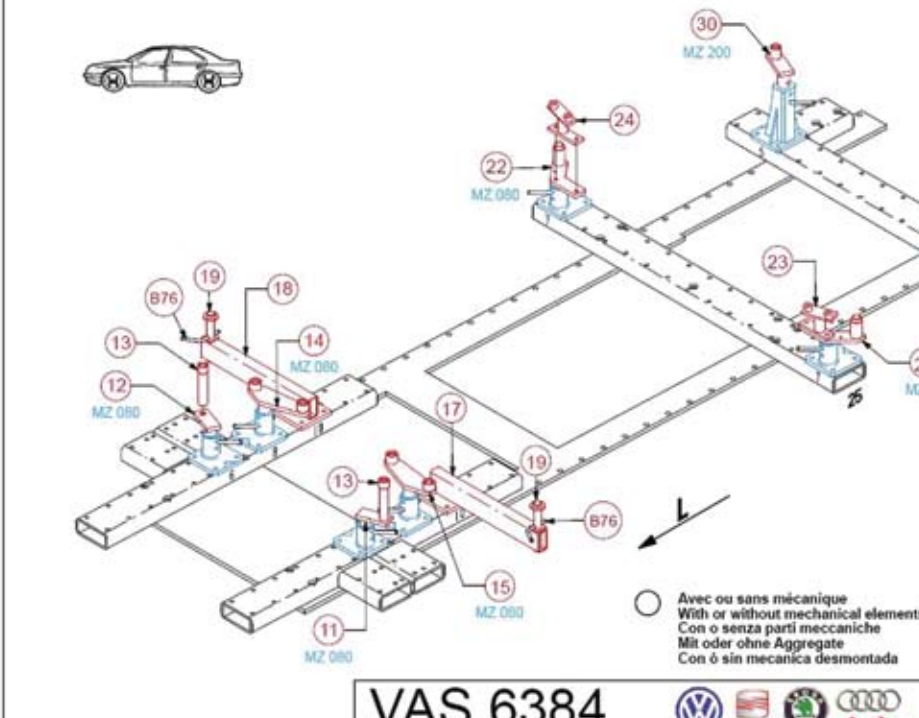
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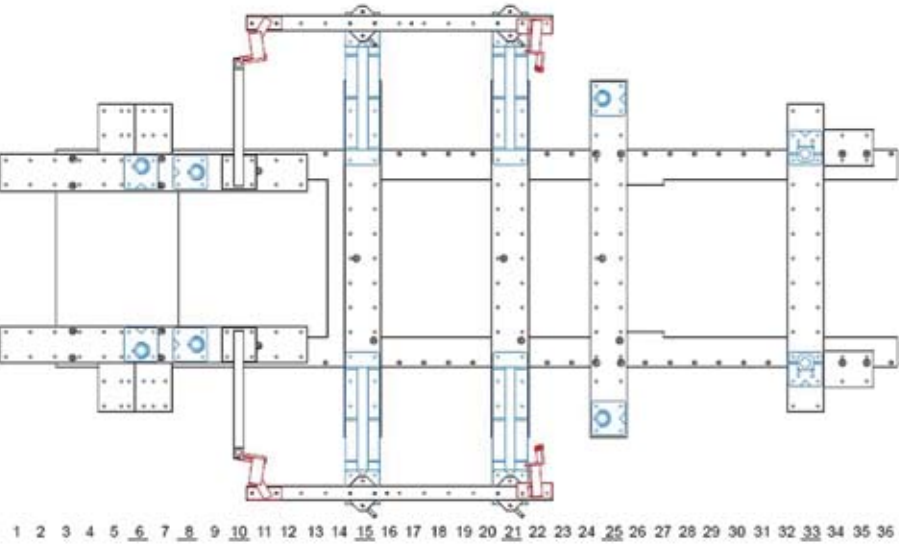
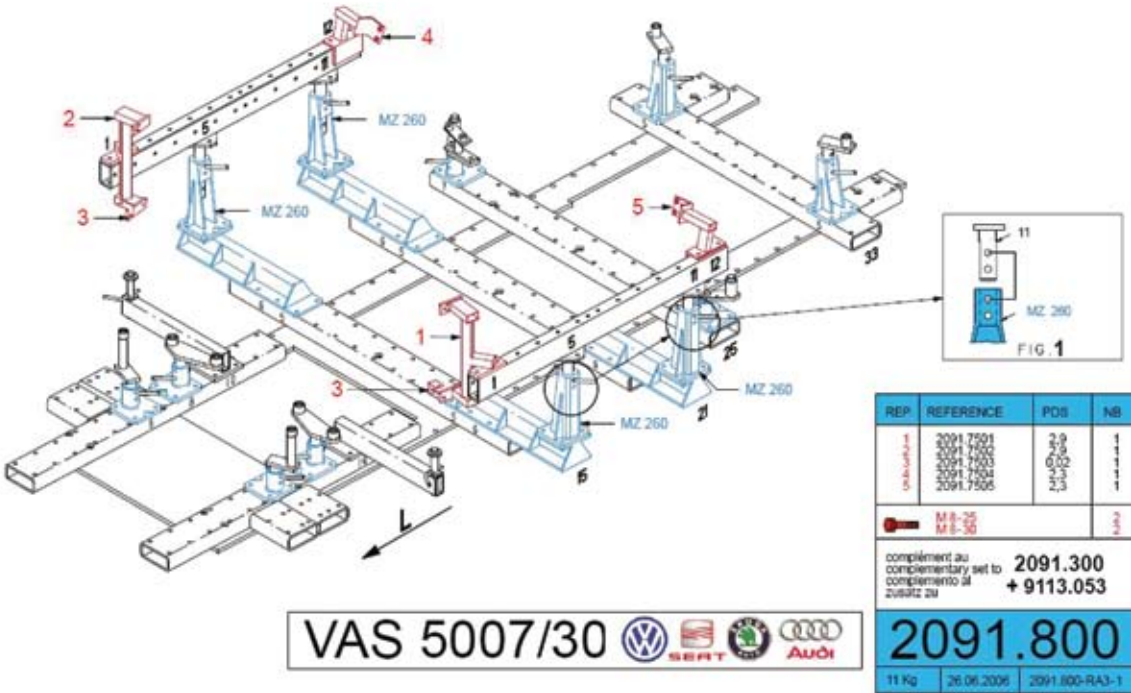
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2091.800-RA3-1 00

Supplement for portal gauge system VAS 5007.

**Mounting Points:**

- ▶ A pillar: Door hinge attachment
- ▶ B pillar: Striker pin

**Includes:**

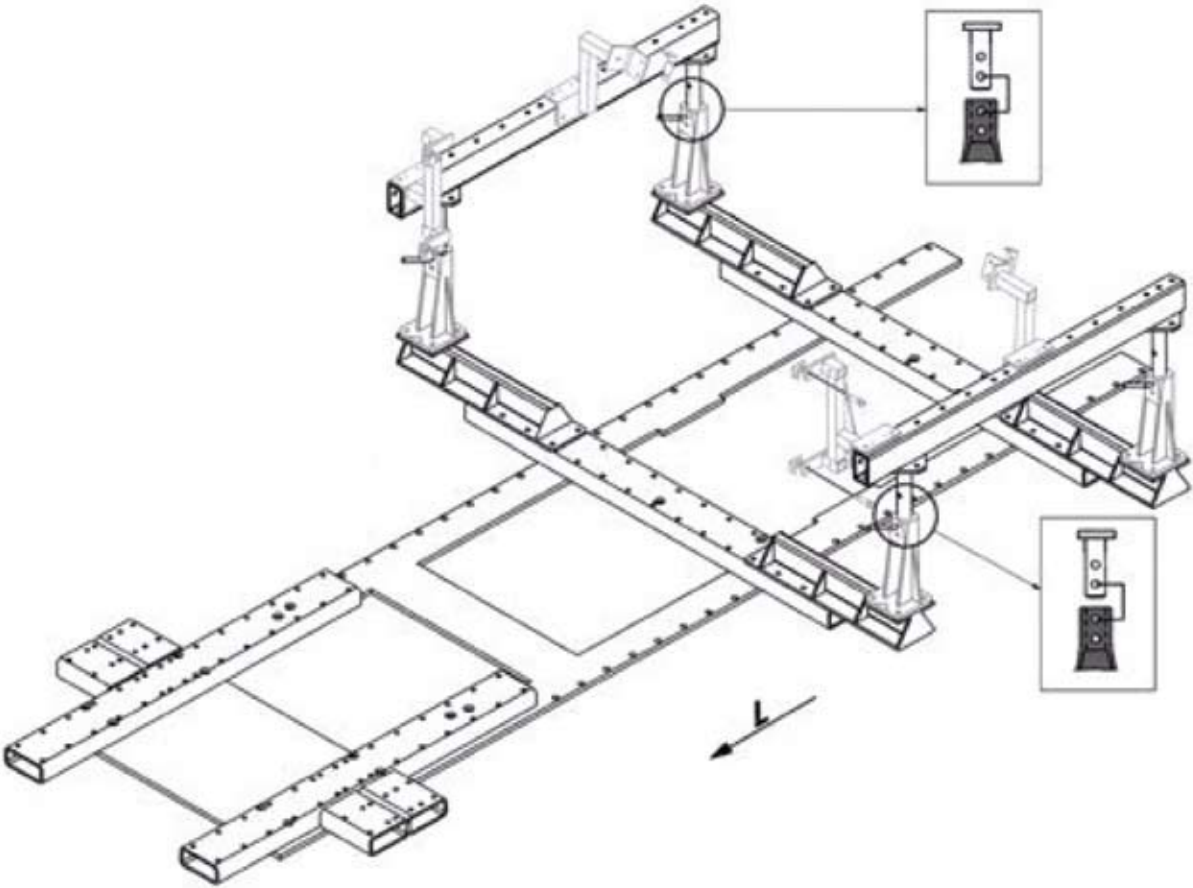
- ▶ Straightening bracket mountings
- ▶ (1) isometric diagram

**Color Coding:** Orient Red RAL 3031

**Warranty:** 24 Months

**Manufactured by:** Celette GmbH, Kehl

**Supplied by:** Snap-on Business Solutions 1-800-892-9650



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Portal Gauge Supplement for Audi A8 MY 2003

VAS 5007/15

Supplement for portal gauge system VAS 5007.

Mounting Points:

- ▶ A pillar: Door hinge securing points
- ▶ B pillar: Door hinge securing points
- ▶ C pillar: Striker pin securing point

Includes:

- ▶ Straightening bracket for A, B, C pillars
- ▶ (1) isometric diagram

Color Coding: Green RAL 6001

Warranty: 24 Months

Manufactured by: Celette GmbH, Kehl

Supplied by: Snap-on Business Solutions 1-800-892-9650



Portal Gauge Supplement, Audi A8

VAS 5007/1

Supplement for portal gauge system VAS 5007.

Mounting Points:

- ▶ A – B pillars

Color Coding: Green/yellow

Warranty: 24 Months

Manufactured by: Celette GmbH, Kehl

Supplied by: Snap-on Business Solutions 1-800-892-9650



4-Ton Super Hydraulic Kit

SC.40014

The included rams are designed so they can fit in the MZ tower to perform a push to height. The (5) extensions with their connectors will help reaching any points. The (6) different sockets allow the tech to choose the proper attachment for the application.

Includes:

- ▶ (5) extensions (SK.2400, SK.2401, SK.2402, SK.2403, SK.2404)
- ▶ (6) sockets (SK.3401, SK.3402, SK.3403, SK.3404, SK34.06, SK.4401)
- ▶ (5) connectors (SK.1404, SK.1405)
- ▶ (3) rams (VS4.134, VA4.054, VA4.024)
- ▶ (1) hand pump (HYP.S.1404)
- ▶ (1) storage box (HYA.4)

Warranty: 12 Months

Manufactured by: Celette GmbH, Kehl

Supplied by: Snap-on Business Solutions 1-800-892-9650



Trolley

ROLL.100

This robust trolley allows the technician to move a vehicle around when it is not drivable due to heavy damage or removal of the suspension.

Warranty: 12 Months

Manufactured by: Celette GmbH, Kehl

Supplied by: Snap-on Business Solutions 1-800-892-9650



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### Orientable Engine Holding Device

918.920

Easy to secure on the vehicle, sitting on the side panels, it will assist the technician during the removal or lifting of the engine compartment.

**Warranty:** 12 Months

**Manufactured by:** Celette GmbH, Kehl

**Supplied by:** Snap-on Business Solutions 1-800-892-9650



### Work Stand

ESP.MP.02

Stand made of metal to allow the technician to reach high area or the roof area of the vehicle during repair work.

**Warranty:** 12 Months

**Manufactured by:** Celette GmbH, Kehl

**Supplied by:** Snap-on Business Solutions 1-800-892-9650



### Sevenne Composition

VAG 1929

The bench has a robust, welded-steel design featuring plane-milled mounting surfaces with hole patterns to allow the modular crossbeams to be fitted. The milled surface assures the accuracy of the repair. The attachment system provides a means of quickly adjusting the wheel supports and anchoring clamps. The 10-ton pulling unit can attach at any point around the bench and has both tilt and rotate capability to allow precise positioning. It comes with height extension and safety cable. The cable is designed to prevent accidents, which could occur in case of tensioning chain, clamp or hook failure despite all safety precautions.

#### Features:

- ▶ Direct pulls straight line
- ▶ Easy to maneuver
- ▶ Beam pivots for multi-angle pulling

#### Includes:

- ▶ Sevenne bench 9121.012
- ▶ Pulling unit SVN93.201
- ▶ Set of (4) clamps 9123.023
- ▶ Vertical arm extension
- ▶ Storage trolley 9123.920
- ▶ Safety cable CAS.2000
- ▶ Set of (4) wheels 9121.513

**Warranty:** 12 Months

**Manufactured by:** Celette GmbH, Kehl

**Supplied by:** Snap-on Business Solutions 1-800-892-9650



Safety cable CAS.2000



Vertical arm extension

### Set of (6) Universal Crossmembers

955.9602

The crossmembers are designed to accept all straightening fixture sets. The service is very easy with a sturdy and robust steel-welded construction with interchangeable nut cages.

**Warranty:** 12 Months

**Manufactured by:** Celette GmbH, Kehl

**Supplied by:** Snap-on Business Solutions 1-800-892-9650



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**Set of (22) MZ Towers and (4) Wedges**

MZ450.400

**Includes:**

- ▶ (6) MZ.080
- ▶ (4) MZ.140
- ▶ (1) MZ.141
- ▶ (1) MZ.142
- ▶ (4) MZ.200
- ▶ (4) MZ.260
- ▶ (1) MZ.601
- ▶ (1) MZ.602
- ▶ (2) TV.400

**Warranty:** 12 Months

**Manufactured by:** Celette GmbH, Kehl

**Supplied by:** Snap-on Business Solutions 1-800-892-9650



**MZ Towers Storage Trolley**

MZ450.905

The basic MZ Towers set will accept all fixture sets for current and future models. The setup on the bench is done according to the setup sheet provided with each fixture set. During the straightening process, the fixtures can be released from the towers by pulling the retaining pin.

**Note:** MZ towers sold separately.

**Warranty:** 12 Months

**Manufactured by:** Celette GmbH, Kehl

**Supplied by:** Snap-on Business Solutions 1-800-892-9650



**Kit for Multiple Pulling**

CSK15.111

This package is the perfect tool to allow the technician to perform secondary pulls.

**Includes:**

- ▶ (4) extensions (SK.2101, SK.2102, SK.2103, SK.2104)
- ▶ (2) connectors (SK.3107, SK.3109)
- ▶ (1) ram (VS10S.251)

**Warranty:** 12 Months

**Manufactured by:** Celette GmbH, Kehl

**Supplied by:** Snap-on Business Solutions 1-800-892-9650



**Pulling Set**

CAT.500

This set will cover the basic need for any technician to perform appropriate pulls. The double hook allows chains to be shortened or connected where needed.

**Includes:**

- ▶ (2) chains (CN.2410)
- ▶ (2) double hooks (CR.210)
- ▶ (1) pulling plate (ATD.135)
- ▶ (3) clamps (ATD.1312, ATD.1343, ATD.1324)

**Warranty:** 12 Months

**Manufactured by:** Celette GmbH, Kehl

**Supplied by:** Snap-on Business Solutions 1-800-892-9650



**Pulling Straps, Set of 2**

SN.99.00

Made of resistant nylon material to resist damaging the parts of the vehicle.

**Warranty:** 12 Months

**Manufactured by:** Celette GmbH, Kehl

**Supplied by:** Snap-on Business Solutions 1-800-892-9650



**Multi-Function Support**

9121.523

Easy to attach on the side of the bench, secured with a locking hook and wedge, the support kit will assist the technician in various situations:

- ▶ Holding chains for down pulls
- ▶ Locking an extra ram for vector pulls

**Warranty:** 12 Months

**Manufactured by:** Celette GmbH, Kehl

**Supplied by:** Snap-on Business Solutions 1-800-892-9650



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## Side Portal Gantry

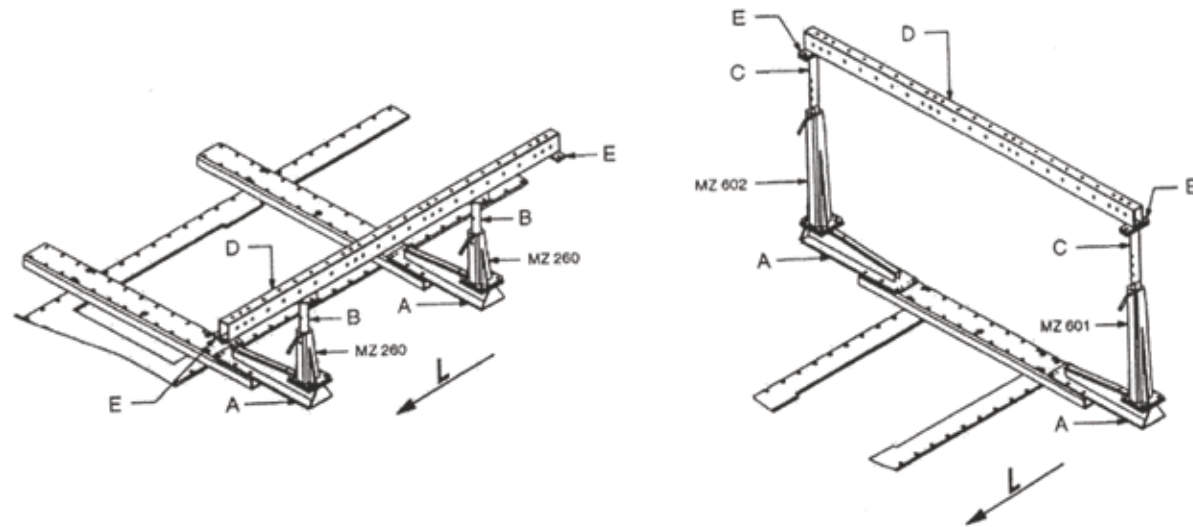
9113.063

Used in conjunction with the side fixtures, the side portal allows the measuring and repair of the A, B and C pillars. The door hinges and the locking pin mountings are the checkpoints.

**Warranty:** 12 Months

**Manufactured by:** Celette GmbH, Kehl

**Supplied by:** Snap-on Business Solutions 1-800-892-9650



## Pulling Flange

ATD.149

With this tool, the body repair work on and around the suspension strut tower is made considerably easier.

**Warranty:** 12 Months

**Manufactured by:** Celette GmbH, Kehl

**Supplied by:** Snap-on Business Solutions 1-800-892-9650



## Kit For Flange ATD. 149

ATD.01.149

**Warranty:** 12 Months

**Manufactured by:** Celette GmbH, Kehl

**Supplied by:** Snap-on Business Solutions 1-800-892-9650



## Pulley Block

ATD.01.801

Used in conjunction with chains, the pulley block will allow the technician to perform down pulls.

**Warranty:** 12 Months

**Manufactured by:** Celette GmbH, Kehl

**Supplied by:** Snap-on Business Solutions 1-800-892-9650



## Pulling Accessory

ATD.165

**Warranty:** 12 Months

**Manufactured by:** Celette GmbH, Kehl

**Supplied by:** Snap-on Business Solutions 1-800-892-9650



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## Professional Measuring and Alignment System

VAS 6527

This equipment package is suitable for identifying and repairing minor to severe structural damage to steel and aluminum vehicles. Accessories are stored on portable tool trolleys.

### Features:

- ▶ Wireless measuring system with real-time repair and documentation
- ▶ Universal securing system and welding template
- ▶ Hydraulic and air connection points located at the front and rear of the bench
- ▶ Frame alignment jig with integrated scissor-action hoist and 10-ton pulling device
- ▶ Portable tool trolley

### Includes:

- ▶ Quick 42 Basic Bench, tilt-loading, with an integrated lift and power unit, VAS 6526/14
- ▶ Removable Ramps, which can also be used as work platform when bench is in the “up” position, VAS 6526/14-1
- ▶ 10-Ton Draw Aligner, which can be positioned 360° around the bench, operated by a remote control pendant, VAS 6526/15
- ▶ EVO 1 Basic Anchoring System, VAS 6526/1
- ▶ EVO 2 Extension Anchoring System, VAS 6526/2
- ▶ EVO 3 Universal Anchoring System, VAS 6526/3
- ▶ Special Audi Anchoring Kit covering the most popular late-model Audi vehicles, VAS 6526/10
- ▶ Two hydraulic pillar jacks with connection hoses, VAS 6526/4
- ▶ B61 Bench Parts, VAS 6526/5
- ▶ Pulling chain (one) and Chain Shortener (one), VAS 6526/18
- ▶ Q63 Quick Anchoring, VAS 6526/16
- ▶ Portable Tool Trolley with Perforated Tool Mounting Panel and tool mounting clips, VAS 6526/1-1, VAS 6526/6 and VAS 6526/8
- ▶ 11-piece T10, T11 Pull Kit, VAS 6526/19
- ▶ Pull Clamp Accessory Kit, VAS 6526/20
- ▶ Internet-ready Wireless Electronic Measuring system: includes software with self-help features including vehicle clamping and fixturing instructions. Individual points are graphically displayed with photographs and drawings. Initial 12-month data subscription included. VAS 6526/11
- ▶ High Measuring Point adapter for additional measuring flexibility. Included with VAS 6526/11 (available separately as CR1330000200)

**Warranty:** 24 Months

**Manufactured by:** Car-O-Liner, Sweden

**Supplied by:** Snap-on Business Solutions 1-800-892-9650



## Professional Plus Measuring and Alignment System

VAS 6528

This equipment package is suitable for identifying and repairing minor to severe structural damage to steel and aluminum vehicles. Accessories are stored on a sectional wall-mounted tool board.

### Features:

- ▶ Wireless measuring system with real-time repair and documentation
- ▶ Universal securing system and welding template
- ▶ Hydraulic and air connection points located at the front and rear of the bench
- ▶ Frame alignment jig with integrated scissor-action hoist and 10-ton pulling device
- ▶ Space-saving wall-mounted tool board for convenient tool identification and storage

### Includes:

- ▶ Quick 42 Basic Bench, tilt-loading, with an integrated lift and power unit, VAS 6526/14
- ▶ Removable Ramps, which can also be used as work platform when bench is in the “up” position, VAS 6526/14-1
- ▶ 10-Ton Draw Aligner, which can be positioned 360° around the bench, operated by a remote control pendant, VAS 6526/15
- ▶ EVO 1 Basic Anchoring System, VAS 6526/1
- ▶ EVO 2 Extension Anchoring System, VAS 6526/2
- ▶ EVO 3 Universal Anchoring System, VAS 6526/3
- ▶ Special Audi Anchoring Kit covering the most popular late-model Audi vehicles, VAS 6526/10
- ▶ Two hydraulic pillar jacks with connection hoses, VAS 6526/4
- ▶ B61 Bench Parts, VAS 6526/5
- ▶ Pulling chain (one) and Chain Shortener (one), VAS 6526/18
- ▶ Q63 Quick Anchoring, VAS 6526/16
- ▶ Wall-mounted tool board package, VAS 6526/9
- ▶ 11-piece T10, T11 Pull Kit, VAS 6526/19
- ▶ Pull Clamp Accessory Kit, VAS 6526/20
- ▶ Internet-ready Wireless Electronic Measuring system: includes software with self-help features including vehicle clamping and fixturing instructions. Individual points are graphically displayed with photographs and drawings. Initial 12-month data subscription included. VAS 6526/11
- ▶ High Measuring Point adapter for additional measuring flexibility. Included with VAS 6526/11 (available separately as CR1330000200)

**Warranty:** 24 Months

**Manufactured by:** Car-O-Liner, Sweden

**Supplied by:** Snap-on Business Solutions 1-800-892-9650



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### EVO1 Basic Anchor System

VAS 6526/1

This set serves as an additional means of anchoring and counterholding where the body has structural damage. Universal parts set made up of various height-adjustable towers and brackets for extra securing of frame points and reshaping work.

**Warranty:** 24 Months

**Manufactured by:** Car-O-Liner, Sweden

**Supplied by:** Snap-on Business Solutions 1-800-892-9650



### EVO1 Basic Anchor System, Tool Trolley

VAS 6526/1-1

This tool trolley serves as a means of storing the EVO1 Basic Anchor System VAS 6526/1. This tool trolley comes with two EVO1 perforated panels and two empty perforated panels for Basic Anchor System storage.

**Specifications:**

- Width: 900mm
- Depth: 600mm
- Height: 1570mm

**Warranty:** 24 Months

**Manufactured by:** Car-O-Liner, Sweden

**Supplied by:** Snap-on Business Solutions 1-800-892-9650



### EVO2 Extended Anchor System

VAS 6526/2

This set serves as an additional means of anchoring and counterholding where the vehicle has structural damage. Universal parts set made up of various height-adjustable towers and brackets for extra securing of frame points and reshaping work.

**Warranty:** 24 Months

**Manufactured by:** Car-O-Liner, Sweden

**Supplied by:** Snap-on Business Solutions 1-800-892-9650



### EVO3 Universal Anchor System

VAS 6526/3

This universal welding template serves in conjunction with measuring unit VAS 626/11 as a means of fixing new parts (welding in new metal panels) on all Group vehicles. Universal bracket set based on VAS 6526/1. The brackets are assembled individually, corresponding with the type of vehicle, as fixing brackets for new part replacement on the alignment jig with the aid of electronic measuring unit VAS 6526/11.

**Warranty:** 24 Months

**Manufactured by:** Car-O-Liner, Sweden

**Supplied by:** Snap-on Business Solutions 1-800-892-9650



### Hydraulic Jack Kit

VAS 6526/4

The use of this jack allows the vehicle to be raised and anchored on the alignment jig.

**Specifications:**

- Lift height: 300mm
- Load bearing per cylinder: 1 ton
- Length of connection leads: 3000mm

**Includes:**

- (2) Hydraulic jacks with connection leads

**Warranty:** 24 Months

**Manufactured by:** Car-O-Liner, Sweden

**Supplied by:** Snap-on Business Solutions 1-800-892-9650



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### Anchor Set

VAS 6526/5

This anchor set serves as a means of anchoring the vehicle on the alignment jig during structural damage repair. Four rigid clamp carriers with attached clamps form the basic anchor points for a vehicle on the alignment jig.

**Warranty:** 24 Months

**Manufactured by:** Car-O-Liner, Sweden

**Supplied by:** Snap-on Business Solutions 1-800-892-9650



### Tool Panel

VAS 6526/8

The perforated sheet metal tool panel serves to store accessories on the tool trolley, VAS 6526/6. This panel is also suitable for wall assembly.

**Specifications:**

- Width: 900mm
- Height: 600mm

**Warranty:** 24 Months

**Manufactured by:** Car-O-Liner, Sweden

**Supplied by:** Snap-on Business Solutions 1-800-892-9650



### Tool Trolley, Basic

VAS 6526/6

The basic tool trolley serves as a means of storing accessories. This tool trolley comes without panels for individual storage with empty perforated panels or set-specific panels.

**Specifications:**

- Width: 900mm
- Depth: 600mm
- Height: 1570mm

**Warranty:** 24 Months

**Manufactured by:** Car-O-Liner, Sweden

**Supplied by:** Snap-on Business Solutions 1-800-892-9650



### Wall System

VAS 6526/9

The wall system serves as a functional means of storage and work preparation. If required, it can also be assembled away from the wall and used as a workspace. Perforated tool panels VAS 6526/8 can be used on the opposite side to store tools.

**Specifications:**

- Width: 3600mm
- Height: 3000mm

**Warranty:** 24 Months

**Manufactured by:** Car-O-Liner, Sweden

**Supplied by:** Snap-on Business Solutions 1-800-892-9650



### Tool Trolley, Basic Plus

VAS 6526/7

This tool trolley serves as a means for storing accessories. This tool trolley comes with four empty perforated panels.

**Specifications:**

- Width: 900mm
- Depth: 600mm
- Height: 1570mm

**Warranty:** 24 Months

**Manufactured by:** Car-O-Liner, Sweden

**Supplied by:** Snap-on Business Solutions 1-800-892-9650



### Clamp Set, Special

VAS 6526/10

This special clamp set serves as a means of anchoring on the alignment jig vehicles that cannot or must not be anchored at the sill panel using standard clamps.

**Includes:**

- (4) Basic carriers
- (2) Risers
- (4) Hole clamps
- (3) Adapter plate sets

**Warranty:** 24 Months

**Manufactured by:** Car-O-Liner, Sweden

**Supplied by:** Snap-on Business Solutions 1-800-892-9650

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## Measuring Unit, Professional

VAS 6526/11

This system is a wireless measuring unit for accident damage diagnosis and is used as a real-time measuring system during repairs. It can be used on all common alignment systems and two pillar hoists. Complete vehicle geometry measurement on the upper and underbody is possible in one work step.

A measuring cradle runs on a rail under the vehicle and transmits the recorded 3D measured values by Bluetooth® to the computer in real time. The computer displays the measurement results graphically with a software program.

**The advantages of the Professional Measuring Unit over the Basic Measuring Unit VAS 6526/12 are as follows:**

- ▶ Internet-ready (automatic software status detection)
- ▶ Software can be controlled from measuring arm
- ▶ VIN code request (a vehicle can thereby be selected via the vehicle identification number)
- ▶ Clamp and EVO assembly instructions are shown on screen
- ▶ Point-to-point measurement possible with specified values
- ▶ Axle geometry control measurement (classic track adjustment is not possible)
- ▶ Surface measurement (calculation aid for repair decision)

**Specifications:**

- ▶ Power supply – input: AC100-240V, 800 mA 50-60 Hz, output: DC 15 V 2.2 mA
- ▶ Screen resolution: +/- 0.5mm
- ▶ Working area: 4720/5720mm L x 2120mm W x 1985mm H
- ▶ Rechargeable battery, battery power 6–8 hours, charging time 2–3 hours (80%), 6 hours (100%)
- ▶ Weight of measuring cradle: 18 kg
- ▶ Data transfer: Bluetooth, software actuation

**System Prerequisites (computer not included):**

Intel Pentium 4 (2.4GHz processor), Intel Core Duo processor or higher, AMD XP 2500+ or higher AMD processor, 1 GB RAM memory, 10 GB free memory or more, 1024x768 monitor resolution, 32-bit video card, Microsoft mouse or compatible, loudspeaker, USB interface, DVD-ROM drive, Internet access (optional).

**Operating system:**

Microsoft Windows XP Professional or Microsoft Vista Premium, Business, Ultimate or Enterprise.

**Length of measuring rail:**

4m

**Includes:**

Measuring unit includes test adapter and body measuring tool, storage trolley, rail and 12-month data license.

**Warranty:** 24 Months

**Manufactured by:** Car-O-Liner, Sweden

**Supplied by:** Snap-on Business Solutions 1-800-892-9650



## Measuring Unit, Basic

VAS 6526/12

The system is a wireless measuring unit for accident damage diagnosis and is used as a real-time measuring system during repairs. It can be used on all common alignment systems and two pillar hoists. Complete vehicle geometry measurement on the upper and underbody is possible in one work step.

A measuring cradle runs on a rail under the vehicle and transmits the recorded 3D measured values by Bluetooth to the computer in real time. The computer displays the measurement results graphically with a software program.

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- ▶ Screen resolution: +/- 0.5mm
- ▶ Working area: 4720/5720mm L x 2120mm W x 1985mm H
- ▶ Rechargeable battery, battery power 6–8 hours, charging time 2–3 hours (80%), 6 hours (100%)
- ▶ Weight of measuring cradle: 18 kg
- ▶ Data transfer: Bluetooth, software actuation

**System Prerequisites (computer not included):**

Intel Pentium 4 (2.4GHz processor), Intel Core Duo processor or higher, AMD XP 2500+ or higher AMD processor, 1 GB RAM memory, 10 GB free memory or more, 1024x768 monitor resolution, 32-bit video card, Microsoft mouse or compatible, loudspeaker, USB interface, DVD-ROM drive, Internet access (optional).

**Operating system:**

Microsoft Windows XP Professional or Microsoft Vista Premium, Business, Ultimate or Enterprise.

**Length of measuring rail:**

4m

**Includes:**

Measuring unit includes test adapter and body measuring tool, storage trolley, rail and 12-month data license.

**Warranty:** 24 Months

**Manufactured by:** Car-O-Liner, Sweden

**Supplied by:** Snap-on Business Solutions 1-800-892-9650



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### Software Upgrade

VAS 6526/13

With this software upgrade, the enhanced features available on the Professional Measuring System VAS6526/11 are added to the Basic Measuring System VAS 6526/12.

**Specifications:**

- ▶ Intel Pentium 4 (2.4GHz processor)
- ▶ Intel Core Duo processor or higher
- ▶ AMD XP 2500+ or higher AMD processor
- ▶ 1 GB RAM memory
- ▶ 10 GB free memory or more
- ▶ 1024x768 monitor resolution 32-bit video card
- ▶ Loudspeaker
- ▶ USB interface
- ▶ DVD-ROM drive
- ▶ Internet access optional
- ▶ Operating system: Microsoft Windows XP Professional or Microsoft Vista Premium, Business, Ultimate or Enterprise

**Includes:**

- ▶ 1 CD and 1 CD Key

**Warranty:** 24 Months

**Manufactured by:** Car-O-Liner, Sweden

**Supplied by:** Snap-on Business Solutions 1-800-892-9650



### Basic Bench, 4.20m

VAS 6526/14

The VAS 6526/14 Quick 42 Bench, tilt loading with integrated lift and power unit is required for repairing accident damage on vehicles.

The VAS 6526/14 Basic Bench is used in conjunction with the ramp set and working platform VAS 6526/14-1 for the repair of minor to severe structural damage. Compressed air and hydraulic connection points are conveniently integrated in the front and rear of the bench.

**Specifications:**

- ▶ 4200mm L x 1110mm W
- ▶ Width at ramps min: 1000mm; max: 1915mm
- ▶ Lift height: 1480mm
- ▶ Load bearing: 3000 kg
- ▶ Lift time: 1 phase 110V/60 seconds
- ▶ Length with ramp set: 5480mm
- ▶ Dimensions of scissor base: 780 x 2200mm
- ▶ Weight: 755 kg (1661 lbs.)
- ▶ Power supply: 1 phase 110V 30A

**Warranty:** 24 Months

**Manufactured by:** Car-O-Liner, Sweden

**Supplied by:** Snap-on Business Solutions 1-800-892-9650



### Ramp Set

VAS 6526/14-1

The aluminum access ramp set is required for alignment jig VAS 6526/14. It is adjustable in track width with 3 settings and also serves as an aid, e.g., when working on the vehicle roof.

Steel support arms are hooked into the alignment jig. The aluminum elements are adjustable in width. They can therefore be extended as a climbing aid.

**Specifications:**

- ▶ Length: 5480mm
- ▶ Width – min: 1000mm
- ▶ Width – max: 1910mm

**Warranty:** 24 Months

**Manufactured by:** Car-O-Liner, Sweden

**Supplied by:** Snap-on Business Solutions 1-800-892-9650



### 10-Ton Alignment Unit

VAS 6526/15

With the alignment unit with pressure cylinder, vehicle deformation can be rectified with forces of up to 10 tons. Operates via remote control. 360° use on alignment jig.

**Specifications:**

- ▶ Pulling force: 10 tons (at 300 bar oil pressure)
- ▶ Length: 1380mm
- ▶ Width: 480mm
- ▶ Height: 1580mm
- ▶ Weight: 150 kg (330 lbs.)

**Warranty:** 24 Months

**Manufactured by:** Car-O-Liner, Sweden

**Supplied by:** Snap-on Business Solutions 1-800-892-9650



For additional product information or to place an order, visit us at [www.tools.audiusa.com](http://www.tools.audiusa.com), e-mail [vwaudi@snapon.com](mailto:vwaudi@snapon.com), call 1-800-892-9650 or fax 1-800-892-9651. Product information is subject to change without notice.

### Quick Anchoring Set

VAS 6526/16

This 6-piece height-adjustable anchor set is required for securing the vehicle on the alignment jig. It is suitable for rectifying minor accident damage.

Clamp carriers are positioned from underneath at the sill fold and are used to anchor the vehicle while it is still situated with its wheels on the ramps.

**Includes:**

- ▶ (2) Height-adjustable clamp carriers plus attachments

**Warranty:** 24 Months

**Manufactured by:** Car-O-Liner, Sweden

**Supplied by:** Snap-on Business Solutions 1-800-892-9650



### Pull Chain Set

VAS 6526/18

The pull chain set is required for transferring power during pulling measures to rectify structural damage.

**Specifications:**

- ▶ Chain length: 2.5m
- ▶ Pulling force: 10 tons

**Includes:**

- ▶ (1) Pull Chain
- ▶ (1) Chain Shortener

**Warranty:** 24 Months

**Manufactured by:** Car-O-Liner, Sweden

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### Clamp Set

VAS 6526/17

Clamps are required in conjunction with anchorage set VAS 6526/16 for securing the vehicle on the alignment jig. 4 required.

**Warranty:** 24 Months

**Manufactured by:** Car-O-Liner, Sweden

**Supplied by:** Snap-on Business Solutions 1-800-892-9650



### Pull Bar Set

VAS 6526/19

The pull bar set is required for pulling different body areas.

**Specifications:**

- ▶ Pulling force: 10 tons

**Includes:**

- ▶ (1) Pull Bar Set
- ▶ (1) Domed Pull Bar Set
- ▶ (1) Relay Pulley

**Warranty:** 24 Months

**Manufactured by:** Car-O-Liner, Sweden

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**Pull Clamp Set**

VAS 6526/20

The pull clamp set is required for reshaping structural damage on vehicles.

**Warranty:** 24 Months  
**Manufactured by:** Car-O-Liner, Sweden  
**Supplied by:** Snap-on Business Solutions 1-800-892-9650



**Winch**

VAS 6526/21

The winch can be used to pull vehicles that cannot be driven onto the alignment jig. Hand-operated.

**Warranty:** 24 Months  
**Manufactured by:** Car-O-Liner, Sweden  
**Supplied by:** Snap-on Business Solutions 1-800-892-9650



**Notes**



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