

CAR-O-LINER®

CAR-O-LINER

COLLISION REPAIR SOLUTIONS



OUR SOLUTIONS

THE ONLY CHOICE FOR FAST, ACCURATE, SAFE REPAIRS

Car-O-Liner is the leading global provider of high-quality, technologically-advanced collision repair equipment to the automotive aftermarket. For more than forty years we have supplied the industry with innovative solutions, technical development, training and customer support.

CAR-O-LINER SOLUTIONS

Electronic Measuring Systems

Comprehensive Vehicle Measurement Data

Alignment Benches and Frame Pulling Equipment

Vehicle Anchoring Systems

Spot and MIG/MAG Welding Systems

Workshop Organization and Inventory Control Solutions

Training and knowledge in modern collision repair techniques provided by Car-O-Liner Academy



GROW YOUR BUSINESS WITH OUR INTEGRATED SOLUTIONS

All of our systems and solutions are well known for their high quality, advanced technology and ergonomic design. By integrating our solutions with each other you will not only get a flexible, universal collision repair system but will also be able to support the entire vehicle repair process thereby reducing cycle times and increasing performance and profits.

Car-O-Liner is based in Sweden with the head office in Gothenburg and manufacturing operations in Kungsör. Subsidiaries are located in Sweden, Norway, Great Britain, France, Italy, Germany, Thailand, India, China and the USA. Distributors can be found in more than 70 countries worldwide

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DAMAGE INSPECTION

AN IMPORTANT PART OF YOUR REPAIR SHOP

Damage inspection, and the Damage Inspection Bay, play key roles in efficient collision repair work. The higher the quality of the inspection completed in the inspection hall, the greater the effectiveness of the repair shop.



The damage inspection bay, and the inspection that occurs there, is of crucial importance for all further work occurring in your workshop. It is essential that this area contains the proper equipment to perform an adequate inspection. An inadequate inspection could lead to further repairs in the future, which negatively affects the repair chain by creating:

- additional administration
- potential increases in lead time
- reduced effectivity of the workshop

Furthermore, the damage inspection bay is an important "sales space" for your workshop. During the inspection a unique opportunity for additional sales is provided as your technician goes through the entire vehicle with the customer. This occasion provides an opportunity to offer to repair damages other than those which the brought the customer into your shop in the first place, such as a paint chip or an old parking damage.

A professionally equipped inspection area is thus a customer environment that helps you to convince the customer that they have made the right choice when choosing your workshop.

COLLISION REPAIR BAY

THE GOAL — A HIGH-PERFORMANCE WORKPLACE

In order to have satisfied customers you need to have satisfied employees. In order to have satisfied employees you need a positive, effective and pleasant working environment. The image below illustrates how your collision repair workshop could look.

With the right furnishings and equipment you can create a high-performance workplace with the best customer and working environment, attract the best technicians, achieve the highest customer satisfaction, lower maintenance costs, create efficient workplaces and increase your profitability. Choosing the right equipment for the workshop and the collision repair bays creates a LEAN working approach that minimizes waste and increases everything that provides value to your customer.

In addition, the need for strengthening your company's image in the workshop is now greater than ever. Customers are now moving around inside the shop, often with one of your service technicians. The environment in which the customer finds himself affects his quality experience and the image created by the brand.



Car-O-Liner offers all workshops a complete solution, including walls, tool boards and equipment.

MEDIUM/ALUMINUM REPAIR

The Car-O-Liner Aluminum Workstation is designed to provide a solution for aluminum auto body repairs. Avoid galvanic corrosion by keeping your tools separate. With this dedicated tool storage, you will reduce the possibility of cross-contamination with steel particles, and with a built-in work area, you can complete your jobs efficiently in one place.



EQUIP YOUR SHOP FOR INNOVATIVE REPAIRS

Equip your shop for innovative repairs. Car-O-Liner equipment and training for aluminum vehicle repairs will prepare you for our evolving industry's requirements.

Today's new vehicles contain increasingly more aluminum. And since aluminum's metallurgical characteristics differ from steel's, collision repair workshops will need to invest in more training for technicians and in new welding, riveting and metal bending equipment. With Car-O-Liner

aluminum repair solutions and training your shop will be able to meet OEM requirements, repair more vehicles and experience increased profits.

For more information see:
www.car-o-liner.com/training

STRUCTURAL REPAIR

Car-O-Liner has a wide assortment of equipment needed in order to perform larger, structural alignment work. Among the products shown here is the Quick42™ frame alignment platform and accessories as well as the EVO™ modular system for anchoring, holding and fixing, the Car-O-Tronic electronic measuring system, CMI3000 II Mig/Mag welder and Induction heater CH37™.



NEW DEMANDS FOR FLEXIBLE WORKPLACES

The repair needs of the body shop are continuously changing, that's why Car-O-Liner offers a wide variety of flexible solutions for repairs that range from minor to structural.

The right equipment is a must in order to repair the vehicle and make it as safe as it was before it was damaged. Flexible workstations decrease not only the body shop's downtime but also reduce unnecessary work and movement of vehicles around the shop. Our Quick42™ platform is the

perfect choice providing quick set-up times for a wide range of repair needs.

In order to correctly straighten larger collision damage a good measuring system is required. A measuring system indicates how great the damage is and consequently how much straightening is needed. With the measuring system's help you can clearly see when the damage is correctly straightened and the vehicle has been returned to original condition.

WORKSHOP SOLUTIONS

Car-O-Liner's WorkShop Solutions provides organized inventory control solutions, such as tool boards, wall sections and separators, that allow you to configure unique work bay designs to meet your collision repair workshop's space requirements. Wagons/trolleys on wheels can easily be moved to where they are most needed, thus increasing efficiency and cycle times.



ORGANIZE YOUR SHOP TO ENHANCE EFFICIENCY AND PRODUCTIVITY

SILHOUETTES HELP YOU TO ORGANIZE YOUR TOOLS

With **WorkShop Solutions** you can increase your profitability by ensuring that your workshop is well organized and planned. Parts silhouettes on the tool boards insure that repairs can be completed more quickly and efficiently as tools and equipment are always in their correct places, no need for the technician to waste time finding what is needed to complete the job.



FEATURES AND BENEFITS

- **INVENTORY CONTROL** — Parts silhouettes ensure tools are returned to the proper location
- **ERGONOMIC** — Technicians can find tools and complete repairs faster
- **ATTRACTIVE** — An organised workshop increases customer confidence
- **QUALITY** — Sturdy construction holds multiple parts and gives long life cycles with low maintenance costs
- **SPACE SAVING** — Maximize use of your workshop's wall or wagon space
- **FLEXIBLE** — Product design range to match multiple global car manufacturer's parts designs
- **EASY TO ATTACH/DETACH AND MOVE** the wall panels and shelves from walls to tool wagons

FRAME ALIGNMENT SYSTEMS

Since the first Car-O-Liner alignment platform system was created in 1973 we have expanded our offering to include a range of alignment benches designed to meet any collision repair workshop's needs. From heavy duty to quick and flexible, we have the perfect alignment bench for you. With Car-O-Liner you can ensure that your workshop has the best collision repair solutions on the market.

SPEED™

ART. NO. 46864



SPEED™ DRIVE-ON

ART. NO. 46845

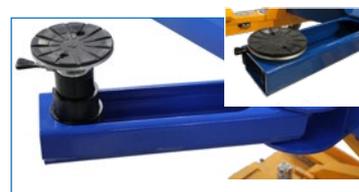
INCLUDES DRIVE-ON RAMP KIT



ART. NO.	DESCRIPTION	QTY.
46864	SPEED ALIGNMENT SYSTEM	1
	Includes:	
34575	BS13 Platform with Lift	1
35879	T611 Power Unit 400V 3Ph 50Hz, inc. T655 Hydraulic Oil	1
33045	D20 Speed Draw Aligner	1
35885	D162 Cylinder & Pump for D20	1
33001	D201 Side Pull Support	1
32992	D92 Speed Down Pull	1
35898	B660 Bench Parts	1
32868	B637 Extension 60	4
31040	T250 Cable Protection	2
OPTIONAL EQUIPMENT		
46844	TELESCOPIC LIFTING PADS	1
46847	DRIVE-ON RAMP KIT	1

ART. NO.	DESCRIPTION	QTY.
46845	SPEED PLATFORM	1
	Includes:	
34575	BS13 Platform with Lift	1
35879	T611 Power Unit 400V 3Ph, 50Hz, inc. T655 Hydraulic Oil	1
32868	B637 Extension 60	4
31040	T250 Cable Protection	2
46847	Drive-on Ramp Kit	1
OPTIONAL EQUIPMENT		
46844	TELESCOPIC ARM KIT	1

B736 TELESCOPIC LIFTING PADS - ART. NO. 46844



B736 The removable bench arms with telescopic lifting pads (optional) can be adjusted vertically for easy mounting and lifting.

B768 SILL LIFT WITH DRIVE-ON RAMPS - ART. NO. 46847



Get extra flexibility with the new sill-lift with drive-on ramps - the ramps are easily lifted on or off the bench as desired. (Optional)

SPEED™

The Speed Alignment Bench systems are also available in grey.

ART. NO.	DESCRIPTION	QTY.
34575-32	Speed Alignment Bench - Grey	1
34576-32	Speed Plus Alignment Bench - Grey	1
46843-32	Speed Bench with Telescopic Pad Arms - Grey	1
47031-32	Speed Plus with Telescopic Pad Arms - Grey	1
32700-11	B30 Speed Bench Mounting - Grey	1
33001-04	D201 Side Bracket for D20 Speed - Grey	1
32967-11	B636 Chain Holder Speed - Grey	1
34386-11	B649 Speed Extension Bench Mounting - Grey	1
46844-11	B736 Speed Telescopic Pad Arm Kit - Grey	1
45879-11	B735 Speed Telescopic Pad Arm - Grey	4
34475-11	B635 Speed Pad Arm Standard - Grey	2
35898-11	B660 Bench Parts - Grey	1
32868-11	B637 Pad Arm Extension 60mm - Grey	1
33045-04	D20 Draw Aligner - Grey	1



Speed - Grey + D20 Draw Aligner



Speed Plus - Grey



Speed - Grey with optional Drive-on Ramp Kit



B30



D201



B636



B649



B736 + B735



B635 Pad arm Standard



B660



B637

BENCHRACK™ 5500

ART. NO. 49218

ART. NO.	DESCRIPTION	QTY.
49218	BENCHRACK 5500, 400V	1
	Includes:	
34640	B83 Alignment Bench, BR5500, w/ Lift	1
35879	T611 Power Unit 400V, 3Ph, 50Hz, inc. T655 Hydraulic Oil	1
31934	B323 Ramp Kit	1
30346	D16 Draw Aligner	1
44450	D164 Cylinder & Pump for D16	1
35889	T35 Chain Kit, 10 ton	1
30412	D90 Down Pull	1
30948	B61 Bench Parts	1
34014	B633 Pilla Jack Kit	1
35413	EVO1 Basic Anchoring	1
35797	WSE211 Tool Board Set for EVO 1	1
34638	T10 Universal Pulling Hook Set	1
30541	T11 Accessories for T10	1
32000	T70 Pull Clamp Kit	1
31040	T250 Cable Protector	2
OPTIONAL EQUIPMENT		
33989	WIDE RAMP KIT FOR BR5500	1



Universal clamp and bench mounting; the strongest for no-slip holding capacity



Exclusive pillar jacks and sill (rocker) supports make mounting of vehicles fast, safe and easy



Removable ramp sections lift out easily to allow better access to the vehicle



Strong pulling capability with the 10-ton chain kit



EVO 1 including WSE211

BENCHRACK™ 5000

ART. NO. 46862

ART. NO.	DESCRIPTION	QTY.
46862	BENCHRACK 5000, 400V	1
	Includes:	
34639	B16 Alignment Bench, BR5000, w/ Lift	1
35879	T611 Power Unit 400V, 3Ph, 50Hz, inc. T655 Hydraulic Oil	1
30984	B320 Ramp Kit	1
30346	D16 Draw Aligner	1
44450	D164 Cylinder & Pump for D16	1
35889	T35 Chain Kit, 10 ton	1
30412	D90 Down Pull	1
30948	B61 Bench Parts	1
34014	B633 PillarJack Kit	1
35413	EVO1 Basic Anchoring	1
35797	WSE211 Tool Board Set for EVO1	1
34638	T10 Universal Pulling Hook Set	1
30541	T11 Accessories for T10	1
32000	T70 Pull Clamp Kit	1
31040	T250 Cable Protector	2

OTHER POWER UNITS AVAILABLE:

ART. NO.	DESCRIPTION	QTY.
35880	T612 POWER UNIT, 200V 3PH 50HZ T655 HYDRAULIC OIL	1
35881	T613 POWER UNIT, 220V 3PH 50HZ T655 HYDRAULIC OIL	1
35882	T614 POWER UNIT, 110V 1PH 60HZ T655 HYDRAULIC OIL	1
35883	T615 POWER UNIT, 220V 1PH 60HZ T655 HYDRAULIC OIL	1

GREY UNITS AVAILABLE:

ART. NO.	DESCRIPTION	QTY.
34573-11	BENCHRACK 4200 PLATFORM AND LIFT - GREY	1
34639-31	BENCHRACK 5000 PLATFORM AND LIFT - GREY	1
34640-31	BENCHRACK 5500 PLATFORM AND LIFT - GREY	1
33907-31	BENCHRACK 6300 PLATFORM AND LIFT - GREY	1
35898-11	B660 BENCH PARTS - GREY	1
30346-04	D16 DRAW ALIGNER - GREY	1

BENCHRACK™ 6300

ART. NO. 33907

ART. NO.	DESCRIPTION	QTY.
33907	B84 BENCHRACK 6300 W/REINFORCED LIFT, 400V	1
ADDITIONAL EQUIPMENT		
35879	T611 POWER UNIT 400V, 3PH, 50HZ, INC. T655 HYDRAULIC OIL	1
33990	B325 WIDE RAMP KIT FOR BR6300	1

BENCHRACK™ 4200

ART. NO. 34573

ART. NO.	DESCRIPTION	QTY.
34573	B81 BENCHRACK 4200 W/LIFT, 400V	1
ADDITIONAL EQUIPMENT		
35879	T611 POWER UNIT 400V, 3PH, 50HZ, INC. T655 HYDRAULIC OIL	1
31927	B322 RAMP KIT BR4200	1



FRAME ALIGNMENT SYSTEMS (cont'd)

QUICK42™

ART. NO. 46863

ART. NO.	DESCRIPTION	QTY.
46863	QUICK42 ALIGNMENT SYSTEM	1
	Includes:	
39748	Q42 Alignment Bench w/ Lift, 400v	1
39788	Q100 Ramp Kit Q42	1
39750	Q165 Hydraulic Hose	2
39630	Q16 Draw Aligner w/ Cylinder Q161	1
35889	T35 Chain Kit, 10 ton	1
30412	D90 Down Pull	1
39674	Q170 Hydraulic Jack Kit	1
30948	B61 Bench Parts	1
35413	EV01 Basic Anchoring	1
35797	WSE211 Tool Board Set for EV01	1
34638	T10 Universal Pulling Hook	1
30541	T11 Accessories for T10	1
32000	T70 Pull Clamp Kit	1
31040	T250 Cable Protection	2



Quick and efficient — diagnosis of structural damage while the vehicle is supported on its wheels or in a clamped position



Secure clamping — the best grip — no clamping slip. Q63 adjustable bench mountings allow pull while the vehicle is supported on its wheels.



Integrated — multi-functional power unit for hydraulics, lift, pulling towers and air tools



User-friendly control — with all-in-one functions for automatic bench tilting, lifting, 10-ton pulling and hydraulic jacking



B61

Q170



T35



D90



Q165



T250



Q42+Q16+Q100

T10



T11



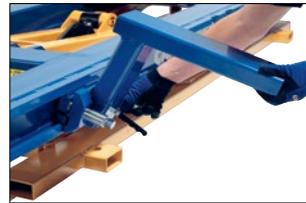
T70



MARK6™

ART. NO. 46865

ART. NO.	DESCRIPTION	QTY.
46865	MARK6 ALIGNMENT SYSTEM	1
	Includes:	
34574	BM05 Mark 6 Alignment Bench w/ Lift	1
35879	T611 Power Unit 400V, 3Ph, 50Hz inc. T655 Hydraulic Oil	1
34429	T550 Ramp Kit for Mark6	1
30346	D16 Draw Aligner	1
44450	D164 Cylinder & Pump for D16	1
35889	T35 Chain Kit, 10 ton	1
30412	D90 Down Pull	1
30176	B60 Bench Parts for Mark6	1
35413	EV01 Basic Anchoring	1
35829	EVO MK Adapter for Mark6	1
35797	WSE211 EV01 Tool Board Set	1
34638	T10 Universal Pulling Hook Set	1
30541	T11 Accessories for T10	1
32000	T70 Pull Clamp Kit	1
31040	T250 Cable Protector	2



Fast loading & unloading — with optional mounting arm that easily clicks in and out.



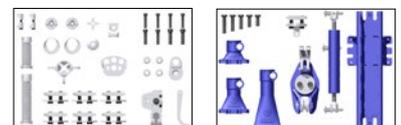
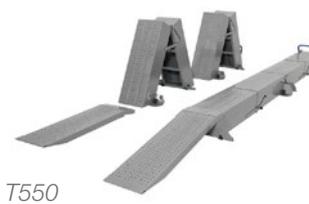
Quick set-up & removal — with optional chassis clamp using just two bolts.



Powerful 10T draw aligner — pulls from almost any angle, 360° around the vehicle.



In-ground installation — frame is level with floor for easy drive-over



EVO 1 including WSE211

EVO™ 1-2-3 ANCHORING, HOLDING AND FIXTURING SYSTEMS

MEET UNIQUE REPAIR REQUIREMENTS

EVO is a universal anchoring, holding and fixturing system. Each **EVO** system – 1, 2 and 3 – is made of an optimal number of components to be used alone or combined with one another to securely handle every anchoring, holding and fixturing situation that enters your shop.

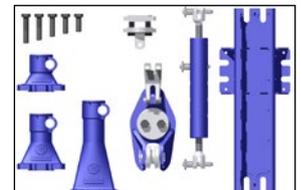
These universal kits work for every vehicle year, make and model so you never have to pay traditional fixture costs. A minimum number of components used together provide maximum benefit.

MAXIMIZE THE BENEFITS OF EVO

EVO saves structural repair time with vice-like holding at multiple anchoring locations without additional towers and chains.

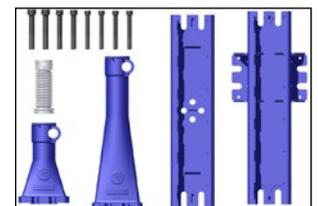
EVO is compatible with the Car-O-Liner **BenchRack**, **Quick42** and **Mark6** and has been approved and recommended by most major Original Equipment Manufacturers for a better repair.

ART. NO.	DESCRIPTION	QTY
35413	EVO 1 BASIC ANCHORING SYSTEM	1
35419	EVO 2 EXTENDED ANCHORING SYSTEM	1
35719	EVO 3 UNIVERSAL FIXTURING SYSTEM	1



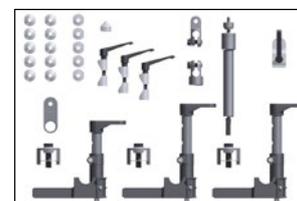
EVO 1 - BASIC ANCHORING

The basic system for anchoring, holding and side support during structural repairs. **EVO 1** includes three towers, multi-purpose clamp, track plate, adapter with bushings, chain holder, downpull and torque bar for heavy operations. Start with **EVO 1** and add on as needed.



EVO 2 - EXTENDED ANCHORING

This additional kit for **EVO 1** Basic Anchoring provides more equipment for anchoring, holding and side support during structural repairs. **EVO 2** includes two extra towers and track plates, special tools for rear axle bracket, torque bar extensions and adjustable holders. It is the perfect addition to **EVO 1** allowing you to more easily tackle advanced repairs.



EVO 3 - HOLDING AND FIXTURING

EVO 3 is made for building a fixture to hold new body parts in place when welding, bonding or riveting. When combined with **EVO 1** and **EVO 2**, and supported by **Car-O-Tronic Vision2 X3**, the equipment works on all vehicle models. **EVO 3** includes: adjustable fixture heads, lockable universal joints, lock handle, all-purpose mini-clamp for frame rails, inner fenders and strut towers.

EVO™ 1 BASIC ANCHORING



This universal system is made for all vehicles on the market. Fully integrated with Car-O-Liner's data and software it is modular and upgradeable.

The EVO system will help you maximize your profits!



ART. NO.	DESCRIPTION	QTY.
35413	EVO 1 BASIC ANCHORING SYSTEM	1
	Includes:	
35188	E100 Track Plate	1
30862	B626 Cam Lock	6
35191	E140 Down Pull/Chain Holder	1
35395	E130 Chain Holder	1
34783	E110 Tower 110	1
36063	E170 Tower 170	1
35065	E290, Tower 290	1
35074	E105 Hock Spanner	1
34784	E150-15 Adjustable Holder (short)	1
34785	E150-24 Adjustable Holder (long)	1
35418	E120 Lock Wedge, complete	2
35068	E164 Nut, Tower	2

ART. NO.	DESCRIPTION (CONTINUED)	QTY.
35194	E165 Gear Plate Set	2
35079	E166 "Plus" Plate	1
35193	E145 Clamp Bracket	1
35192	E115 Multipurpose Clamp	1
35143	E190 Adapter for Bushing	1
35444	E191-10 Bushing 10	1
35445	E191-12 Bushing 12	1
35446	E191-14 Bushing 14	1
35446	E191-16 Bushing 16	1
35088	E125 Angle Holder, 90°	1
35390	E175 Torque Bar	1
35183	E177 Torque Bar Bracket	1
35550	EVO 1 Screw Kit, standard	1
35551	EVO 1 Screw Kit, special	1

EVO™ 2 EXTENDED ANCHORING

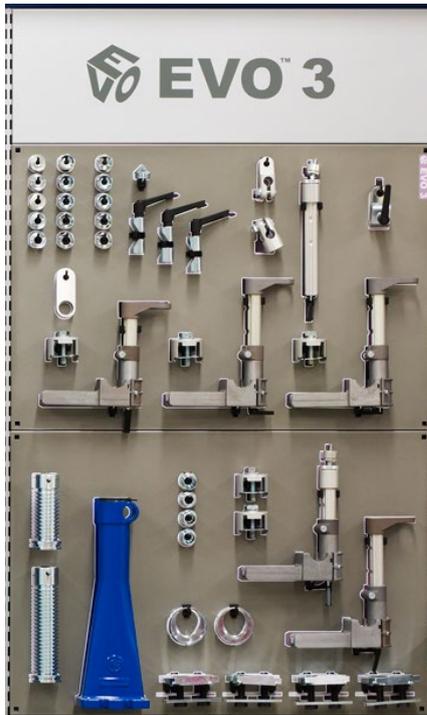
The extension system additional to EVO 1, made for anchoring, holding and side support during the repair.



ART. NO.	DESCRIPTION	QTY.
35419	EVO2 EXTENDED ANCHORING	1
	Includes:	
35188	E100 Track Plate	1
35187	E101 Track Plate Extension	1
30862	B626 Cam Lock	4
35064	E230 Tower 230	1
35066	E440 Tower 440	1
35416	E102 Cam Lock complete with washer	2
35068	E164 Nut	1
35194	E165 Gear Plate Set	1
35079	E166 "Plus" Plate	2
35196	E135 Angle Holder, adjustable	1
35392	E180 Rear Axel Bracket	1
35102	E181-12 Bushing 12	1
35112	E181-14 Bushing 14	1
35120	E181-16 Bushing 16	1

ART. NO.	DESCRIPTION (CONTINUED)	QTY.
35121	E181-18 Bushing 18	1
35122	E186-12 Threaded Bushing, long 12	2
35123	E186-14 Threaded Bushing, long 14	2
35124	E186-16 Threaded Bushing, long 16	2
35125	E186-18 Threaded Bushing, long 18	2
35195	E185 Twin Bushing Holder	1
35127	E182-12 Rear Axel Bushing 12	1
35129	E182-14 Rear Axel Bushing 14	1
35130	E182-16 Rear Axel Bushing 16	1
35131	E182-18 Rear Axel Bushing 18	1
35385	E176-20 Torque Bar Extension 200	1
35386	E176-40 Torque Bar Extension 400	1
35552	EV02 Screw Kit Standard	1
35553	EV02 Screw Kit Special	1
32743	Locking Pin	2

EVO™ 3 UNIVERSAL HOLDING AND FIXTURING



This universal system is made for all vehicles on the market — yesterday, today and tomorrow. Fully integrated with Car-O-Liner's data and software it is modular and upgradeable. The EVO system will help you maximize your profits.



ART. NO.	DESCRIPTION	QTY.
35719	EVO3 UNIVERSAL HOLDING & FIXTURING SYSTEM	1
	Includes:	
35066	E440 Tower 440	1
30862	B626 Cam Lock	4
34784	E150-15 Adjustable Holder (short) (no image)	1
34785	E150-24 Adjustable Holder (long) (no image)	1
35068	E164 Nut, TR50	2
35448	E191-18 Bushing 18 (no image)	1
35449	E191-21 Bushing 21 (no image)	1
35450	E191-22 Bushing 22 (no image)	1
35451	E191-26 Bushing 26 (no image)	1
35397	E300-50 EVO3 Holder, complete	2
35602	E300 EVO Holder, without shaft (See E300-50)	1
35421	E300-30 EVO3 Holder, short (See E300-50)	1
35423	E320 Lock Wedge with handle	3
35406	E330 Bracket Angle Holder 90°	1

ART. NO.	DESCRIPTION (CONTINUED)	QTY.
35467	E310 Angle Holder 90°	1
35468	E340 Bracket Angle Holder	1
35401	E350 Mini Clamp	1
35412	E360 Universal Joint	1
35508	E370-8 Threaded Bushing 8	1
35221	E370-10 Threaded Bushing 10	1
35222	E370-12 Threaded Bushing 12	1
35223	E370-14 Threaded Bushing 14	1
35224	E370-16 Threaded Bushing 16	1
35509	E380-08 Threaded Cone Bushing 8	2
35215	E380-10 Threaded Cone Bushing 10	2
35216	E380-12 Threaded Cone Bushing 12	2
35217	E380-14 Threaded Cone Bushing 14	2
35218	E380-16 Threaded Cone Bushing 16	2
35220	E380-00 Threaded Cone Bushing	1

FRAME ALIGNMENT SYSTEMS - CLAMPS

T50 Multipad
Art. No. 30765

360 X 115 X 50 mm 2 pcs.
Accessory for T48



T73 Clamp Sill Hook
Art. No. 30598



T818 Pulling Clamp
Art. No. 32215

5-ton for angled pulling



T813 Pulling Clamp
Art. No. 32211

6-ton, self locking



T819 Pulling Clamp
Art. No. 32216

6-ton



T814 Clamp
Art. No. 32212

6-ton



T824 Sliding Clamp
Art. No. 32219



T815 Pulling Clamp
Art. No. 32213

10-ton



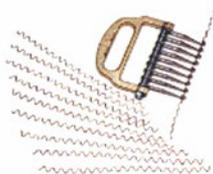
T821 Arco Clamp
Art. No. 32218



T840 Pulling Straps
Art. No. 32225



T825 Pulling Claw
Art. No. 32220



T807 Engine Lifter
Art. No. 32207

Holds the motor in place during,
for example, subframe repair



T826 Slide Hammer
Art. No. 32221

Use with T825



T802 Hinge Straightening Kit
Art. No. 32197

Used to break hinges



MEASURING SYSTEMS

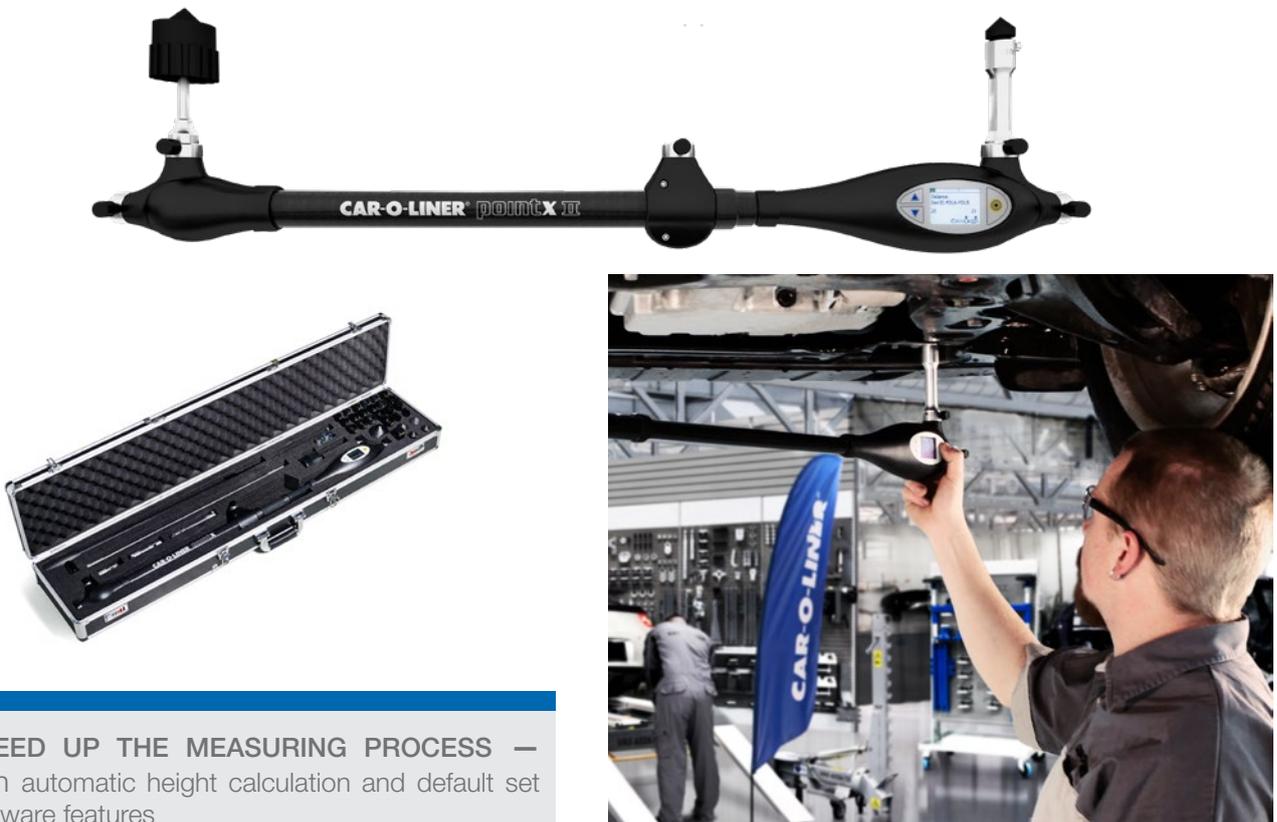
POWERFUL AND ACCURATE SYSTEMS FOR PERFECT REPAIR RESULTS

When it comes to measuring systems for diagnostic and/or repair work on collision damaged vehicles Car-O-Liner is the world leader. We offer electronic measuring systems that will speed up the repair process, increase repair quality and give higher revenues for your body shop. Pair our measuring instruments and Vision2 software with Car-O-Data®, the world's leading vehicle information database, and you have the most powerful measuring solutions available today.

POINTX® II DIAGNOSTIC MEASURING TOOL

ART. NO. 48432

Quick and accurate damage analysis measuring with documentation capability



- **SPEED UP THE MEASURING PROCESS** — with automatic height calculation and default set software features
- **EASY TO LEARN, USER FRIENDLY** — process oriented software and magnetic adapters
- **ACCURATE CERTIFIED DATA** — via Car-O-Data, vehicle measurement database with over 16 500 measured vehicles
- **ERGONOMIC** — lightweight carbon fiber construction makes it easy to hold and use
- **BLUETOOTH COMMUNICATION** — makes it easy to work with Vision2 - PointX software
- **UPPER BODY POINT-TO-POINT** measurement capability for all-round measuring capability
- **DIMENSIONS** — LxH 0.3 - 2.0m x 0-0.6m

ART. NO.	DESCRIPTION	QTY.
48432	POINTX II COMPLETE	
	Includes:	
47870	PointX II Measuring Tool with Lockable Case	1
45029	M105 Magnetic Mounting	1
45498	PointX Adapter Kit	1
49651	Vision2 PointX, 1 year	1
44780	PointX Extension 600	1
45910	Lithium Battery	1

CAR-O-TRONIC® VISION2 MEASURING SYSTEMS

Car-O-Tronic Vision2 is the most powerful electronic measuring system for collision damage repair available on the market today. The sensor-equipped measuring slide with a built-in versatile remote control¹, delivers real-time data three times per second to the advanced and easy-to-use Vision2 software. Compatible with any alignment bench, this wireless communication allows the operator to

almost effortlessly manage the entire measuring process without having to be at the computer. Photo-based, and backed by Car-O-Data™, the world's most comprehensive vehicle measurement database, it allows you to accurately and quickly target measuring points for fast diagnosis and repair.

¹Remote control features vary according to hardware version.



- **WIRELESS** — no targets, sensors or lasers
- **COMPATIBLE** — with nearly any frame system
- **COMPREHENSIVE VEHICLE DATABASE** — for over 16,500 cars, trucks and SUVs using Car-O-Data vehicle information
- **EVO 1-2-3 SUPPORT** — Holding and anchoring system
- **INTEGRATED REMOTE CONTROL** — puts the work at your fingertips
- **SENSORS IN EACH JOINT** — deliver real-time data 3 times per second
- **PRECISE, 3D MEASUREMENTS** — for all under- and upper- body locations
- **PHOTO-BASED** — offers easy point identification
- **SUSPENSION diagnosis** — determine if there are any bent suspension parts
- **WORLDWIDE VIN DECODING** — easy to find correct vehicle in database

CAR-O-TRONIC® VISION2 X3 - X2 - X1

CHOOSE YOUR VISION2 ACCORDING TO YOUR SHOP NEEDS

VISION2 - X1

- System for lower-body measuring

VISION2 - X2

- System for lower- and upper-body measuring
- Includes High Measurement Point (HMP) adapter

VISION2 - X3

- Upper-body point-to-point measuring on vehicles, including full frames, light trucks and SUV's
- Suspension diagnosis check, to find bent suspension parts during the repair process
- Surface damage diagnosis
- The worldwide VIN decoding system integrates seamlessly with the world's largest vehicle dimension database
- Multimedia support for the EVO universal system for anchoring, fixturing and holding

CAR-O-TRONIC® VISION2 X3

ART. NO. 46733

ART. NO.	DESCRIPTION	QTY.
46733	CAR-O-TRONIC VISION2 X3 (MC23)	1
	Includes:	
34572	M90 Car-O-Tronic Slide (includes M705 High Measuring Point Adapter)	1
36481	M81 Cabinet	1
33493	M741 Battery Charger	1
46695	SW53 Vision2 X3	1
31259	M62 Measuring Parts	1
NECESSARY ADDITIONAL EQUIPMENT		
39634	M74 MEASURING BRIDGE, 4M QUICK42	1
39635	M75 MEASURING BRIDGE, 5M BENCHRACK	1

CAR-O-TRONIC® VISION2 X2

ART. NO. 46732

ART. NO.	DESCRIPTION	QTY.
46732	CAR-O-TRONIC VISION2 X2 (MC22)	1
	Includes:	
36424	M78 Car-O-Tronic Slide (includes M705 High Measuring Point Adapter)	1
36481	M81 Cabinet	1
33493	M741 Battery Charger	1
46691	SW52 Vision2 X2	1
31259	M62 Measuring Parts	1
NECESSARY ADDITIONAL EQUIPMENT		
39634	M74 MEASURING BRIDGE, 4M QUICK42	1
39635	M75 MEASURING BRIDGE, 5M BENCHRACK	1

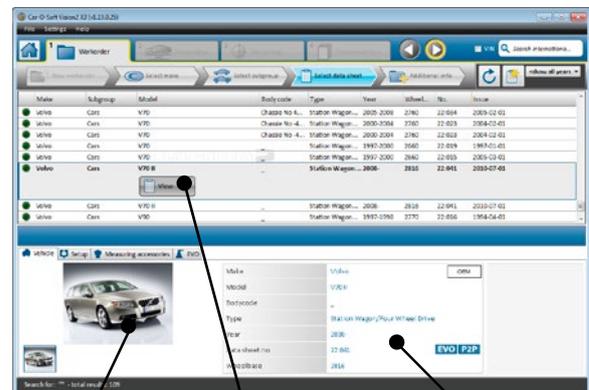
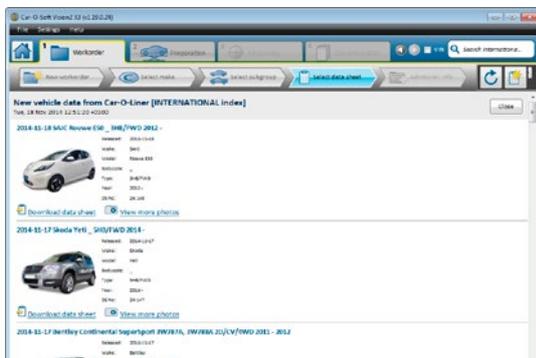
CAR-O-TRONIC® VISION2 X1

ART. NO. 46731

ART. NO.	DESCRIPTION	QTY.
46731	CAR-O-TRONIC VISION2 X1 (MC21)	1
	Includes:	
36487	M76 Car-O-Tronic Slide	1
36481	M81 Cabinet	1
33493	M741 Battery Charger	1
46688	SW51 Vision2 X1	1
31259	M62 Measuring Parts	1
NECESSARY ADDITIONAL EQUIPMENT		
39634	M74 MEASURING BRIDGE, 4M QUICK42	1
39635	M75 MEASURING BRIDGE, 5M BENCHRACK	1

CAR-O-DATA®

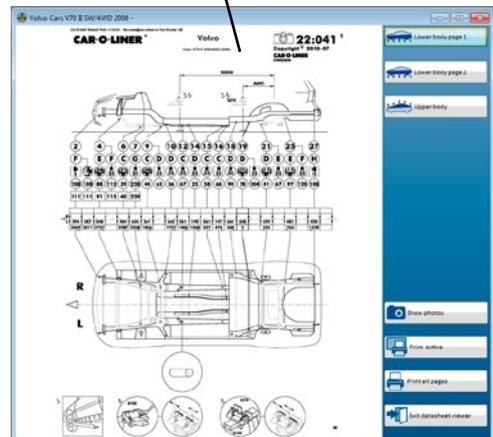
All the vehicle information you need - when you need it! Virtually every vehicle on the road today can be found in Car-O-Liner's vehicle database which contains measurements for more than 16,500 vehicles. Car-O-Data is seamlessly integrated with Vision2 software. Each Car-O-Liner measuring system includes an annual subscription to Car-O-Data via internet.



Car-O-Data provides thousands of detailed images and data.

See detailed vehicle information - Model, body code, wheel base, year and more.

View complete data sheet at the click of a button



- **EXTENSIVE** — Over 16,500 measured vehicles!
- **NEW DATA REGULARLY** — approximately 300 new vehicles measured per year
- **UPDATED REGULARLY** — continuous updates via internet subscription
- **PHOTOGRAPHED** — easily identify correct measuring points
- **LOWER AND UPPER BODY** — measuring points for complete measuring capability
- **P2P MEASUREMENTS** — for unibody and full frame vehicles (Vision2 X3)
- **CLAMP POSITION**—displayed for perfect vehicle fixturing and holding
- **HOLDING AND ANCHORING** — information (Vision2 X3)
- **VIN NUMBER SEARCH** — function (Vision2 X3)
- **PERSONAL LOG-IN**— for access to VisionWeb support portal

JOINING AND HEATING

EVERYTHING FOR JOINING AND HEATING IN COLLISION DAMAGE REPAIR

The joining of car parts is an important part of the repair process and Car-O-Liner has all the tools you need to finish the job easily and accurately. Car-O-Liner offers a wide range of welding systems, from our complete assortment of Spot- and MIG/MAG-Welders to induction heaters, riveting tools, cutters and accessories.

CTR9®

ART. NO. 48574

INCREASE EFFICIENCY AND PRODUCTIVITY

The **CTR9** fully automatic welder comes with a new, revolutionized light-weight transformer gun. With its 355° swivel handle and ergo-grip, it enables perfect working positions for anyone, for any job. The gun is supported by a telescopic arm in a durable and lightweight extruded aluminum that can easily be adjusted both vertically and horizontally. A compact power unit with a low center of gravity gives mobility and stability, a 16,000-amp transformer and CANBUS communication ensure a perfect weld every time.



C-TONG

The 355° swivel handle with quick release can swivel on two axes. Just press the quick-release button and turn the handle to a optimum working position for superior handling gives you the freedom to perform.

ART. NO.	DESCRIPTION	QTY.
48574	CTR9 RESISTANCE SPOT WELDER	1
	Includes:	
48575	CTR9 400V	1
44962	Balancer Arm	1
49318	C-Yoke 80mm	1
49319	C-Yoke 350 mm	1
49320	C-Yoke 500 mm	1
48576	Elektrode Kit	1
33944	Coolant, 3.3 L	1
ADDITIONAL EQUIPMENT		
49317	C-YOKE 40 MM	1
49161	CTR9 CE 230V , incl. Balancer arm, C-Yokes 80, 350 & 500mm, Electrode Kit & Coolant.	1

- **DOUBLE ROTATING C-TONG HANDLE** — for higher productivity while reducing strains and injuries.
- **ERGO-GRIP HANDLE** — allows technicians to comfortably hold gun in any position
- **LIGHTWEIGHT TRANSFORMER GUN** — allows for quick work with a minimum of body strain
- **TELESCOPIC SUPPORT ARM** — adjustable both vertically and horizontally for maximum freedom of movement for an optimum working position
- **AUTOMATICALLY* ESTABLISHES REQUIRED SETTINGS** — to ensure the proper weld nugget.
- **WELDING CURRENT UP TO 16,000 AMPS** — for powerful output
- **INNOVATIVE, COMPACT DESIGN** — with low center of gravity for increased safety and agility
- **EXCLUSIVE LED CONTROL PANEL** — is easy to follow instructions for a secure weld
- **WELDDLOGGAR** — (optional) software for documentation and registration of weld data

ALUMINUM REPAIR

Equip your shop for the future with the tools you need for innovative repairs. Car-O-Liner equipment and training for aluminum vehicle repairs will prepare you for our evolving industry's requirements.

Car-O-Liner's Aluminum Workstation includes the tools you need in a convenient, portable cart. Organize your equipment to maximize your repair efficiency while keeping your tools separate to avoid galvanic corrosion.

ALUMINUM WORKSTATION

ART. NO. 46539

ART. NO.	DESCRIPTION	QTY.
46539	ALUMINUM WORKSTATION	1
	Includes:	
	Mobile cart with shelving, tool board & work area	1
	Aluminum Spotter, 230V, 1Ph, 50-60Hz Includes: Power source with 2m power cable (with EU plug), spot gun with 4m cable, 3m ground cable	1
	Carbon Fiber Pull Bar, dent pulling system with 6 jaws. 1 x 50cm (20"), 1 x 100cm (41.5"), 1 x 160cm (67.5")	
	Fast Puller for Carbon Fiber Pull Bar	1
	Hand Puller	1
	Aluminum Hammers, professional grade	4
	4 mm screws M4x16mm AISi12 (100/Box)	3
	4 mm screws M4x16mm AIMg3 (100/Box)	3
	Threaded Pull Washers (20/Box)	2



SPOT WELDERS

CTR7™

ART. NO. 47386

Semi-automatic, process steered, multi-function welder with inverter technology and cooling. Includes: C-gun, 80mm. Optional accessories: C-gun - 40, 350 and 500mm, support arm with integrated balancer block, case with electrode set and 13mm caps, complete set spotter/dent puller and **WeldLogger** documentation software program.



Shown with Support Arm

CTR12000®

ART. NO. 43000

Fully automatic, process-steered, multi-function welder with medium frequency inverter and cooling. Transformer gun, 400V. Includes: C-guns in sizes 40, 80, 350 and 500mm, Accessories case with electrode set and 13mm caps and wheel extension. Optional accessories: support arm with balancer block, complete set spotter/dent puller and WinSpot QS documentation software.



Shown with Support Arm & Balancer Block

MIG/MAG WELDERS

CMI™300

SINGLE: ART. NO. 49485 DUO: ART. NO. 49484 TRIO: ART. NO. 49483

Available in three versions: Single, Duo and Trio. The Duo version has room for two 15kg wire coils and the Trio version for three 5kg wire coils, providing easy switch-over between operations without change of hose, wire, wire drive rolls and gas. **CMI300** automatically establishes which torch/wire feed unit is active. The **CMI300 Pulse** also features MIG brazing, with and without pulse, of galvanised steel plates, has 36 pre-set programs, double pulse, and boost.



CMI™3000II

ART. NO. 34556

The digital intelligence in the **CMI3000 II**, 400V makes it easy to find the program relevant to the individual car make, be it MIG brazing in high tensile steels or welding in ferritic, stainless steels. The program packages are designed for leading car makes, even those using hardened aluminum.



CMI™223 & CMI™273 SINGLE & TWIN MODELS

Compact, fully digitised with synergic, preset welding programs and automated functions. **CMI273 Pulse**: Auto-pulse technology for aluminum welding. Switch efficiently between key materials with the Twin models!

	CMI223 3 x 400V	CMI273 3 X 400V	CMI273 PULSE 3 X 400V
SINGLE	43799	46446	46448
TWIN	43800	46442	46450



CMI™ 161 & CM™ 193

ART. NO. 46443 CMI161 | 33275 CM193

The **CMI161** — portable & versatile compact multiprocess machine, primarily for MIG and MMA welding; a modern 1Ph, 230V inverter machine.

CM193 — a user-friendly, quality automotive welder with optimal welding functions and ergonomic welding gun. **CM193**: 400V 2Ph, 180 Amp.



CH™ 37 & CH™ 100 INDUCTION HEATERS

ART. NO. 36563 (208V-240V) | 45330 (400V) | 45331 (200V)

Torchless heating with no open flame. The high power **CH37**, and even more powerful **CH100**, can be used in the same way as a gas torch, but without destroying nearby parts. Five power levels and a unique regulation and control system help to avoid overheating. 50-60Hz, **CH37** - 1Ph and **CH100** - 3Ph.



ALUMINUM SPOTTER

ART. NO. 46534

This high-frequency inverter gives rapid welding and pulling increasing the effectiveness of your workshop. The high-tech discharge process won't damage heat sensitive aluminum parts. Since it is so light and mobile it will speed up your repair process increasing efficiency in your workshop. Includes: Power source with 2m power cable (EU plug), spot gun with 4m cable and ground cable, 3m.



CR™ 35 SPOTTER

ART. NO. 33434

The **CR35** is a sophisticated, micro-process controlled spotter designed for resistance welding on thin steel sheet and for welding and traction of all studs, nails, washers, rivets and bolts. All welding and heating operations are easily controlled by pushing the switch on the gun. And it's fast - the welding cycle begins after 3/10sec from when the electrode contacts the metal sheet.



PLASMA CUTTER

ART. NO. 46553

Car-O-Liner's Plasma Cutter is the perfect cutting tool for all high-strength steels. With excellent cutting performance on thin sheet metal and high wear resistance for increased tool life, you will perform greater efficiency in your workshop. The Plasma Cutter, using inverter technology, guarantees accurate and clean plasma cuts of up to 10 mm in thickness.



PNP™ 90 & PNP™ 90 XT² RIVETING TOOL KITS

ART. NO. 48416 PNP90, 6 TON

ART. NO. 48107 PNP90 XT², 10 TON

This universal riveting system was specifically developed for the most difficult materials such as Ultra High Strength Steels and modern dissimilar laminate materials used in the automotive, truck and bus repair industries. The premier PNP 90 XT² is an adjustable 10 ton pneumatic-hydraulic system for riveting and pressing out self-piercing rivets. The standard PNP 90 has a pushing (compression) force of 6 tons. Blind rivet capability is also available to run from the same system.



48107

48416

CBR2000

ART. NO. 49712 - 1 BATTERY | ART. NR: 49713 - 2 BATTERIES

Featuring battery-powered, brushless blind rivet technology and 20 000N setting force. Three lighted diodes light up your rivet area. The energy-saving, user-friendly slide-in battery charges quickly, use again after only 45 minutes. Auto-reverse function: stops the pulling process and moves the jaw assembly back into the initial position.



OEM APPROVED EQUIPMENT

Car-O-Liner is proud to have close partnerships with Original Equipment Manufacturers worldwide. OEM approvals - official endorsements from original equipment manufacturers - confirm that our products/systems, service and training have met their requirements and quality standards.

BMW ELECTRONIC MEASURING SYSTEM CAR-O-TRONIC® AND VISION2 X3 SOFTWARE

ART. NO 46733



ART. NO.	DESCRIPTION	QTY.			
46733	CAR-O-TRONIC VISION2 X3	1			
	Includes:				
34572	M90 Measuring Slide (Includes M705 High Measuring Point Adapter)	1			
31259	M62 Measuring Parts	1			
36481	M81 PC Cabinet	1			
33493	M741 Battery Charger	1			
46695	Vision2 X3 Software	1			
ADDITIONAL NECESSARY EQUIPMENT:					
39635	M75 MEASURING BRIDGE, 5M BENCHRACK	1			
39634	M74 MEASURING BRIDGE, 4M QUICK42	1			
CAR-O-TRONIC ACCESSORIES BMW (OPTIONAL):					
30201	M201-34 BUSHING	1	30760	M264 CENTERING PLATE	1
33554	M201-4 BUSHING	1	31916	M269 CENTERING PLATE	1
34020	M213 BUSHING	1	30749	M274 CENTERING PLATE	1
30736	M225 MEASURING TUBE	1	33453	M276 CENTERING PLATE	1
32272	M248 MEASURING ADAPTOR	1	32566	M290 MEASURING ADAPTER	1
30754	M253 CENTERING PLATE	1	32567	M291 MEASURING ADAPTER	1
30757	M257 CENTERING PLATE	1	33060	M292 MEASURING ADAPTER	1

BMW BENCHRACK™ FRAME ALIGNMENT SYSTEM - BR5000

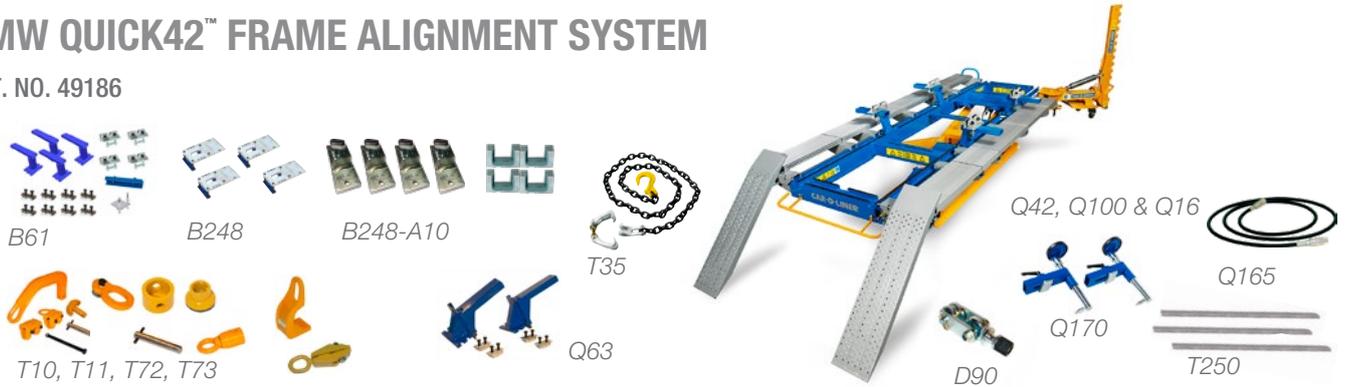
ART. NO. 49185



ART. NO.	DESCRIPTION	QTY.
49185	BMW BENCHRACK FRAME ALIGNMENT SYSTEM BR5000	1
	Includes:	
34639	ALIGNMENT BENCH BR5000 WITH LIFT, 230/400V, 3PH BMW	1
43985	ALIGNMENT ACCESSORIES FOR BENCHRACK 5000 BMW	1
	Includes:	
35879	T611 Power Unit, 400V 3Ph, 50Hz including T655 Hydraulic Oil (Other models available)	1
30984	B320 Ramp Kit BR5000	1
34014	B633 Pillar Jack Kit	1
30346	D16 Draw Aligner inc. Safety Strap	1
44450	D164 Cylinder with Pump	1
30412	D90 Down Pull	1
30638	B248 Mounting Plate	4
47056	B248-A10 Threshold Bracket	4
34504	B276 Threshold Support for B248-A10	4
31040	T250 Cable Protection	3
30948	B61 Bench Parts BR, standard	1
30872	B57 Roll Stop / Loading Trolley	2
UNIVERSAL FIXTURING SYSTEM		
35413	EVO 1 Basic Anchoring System	1
35419	EVO 2 Extended Anchoring System	1
35719	EVO 3 Universal Fixture System	1
35816	WSW90 + Tool wagon (exc.Tool Boards)	2
35797	WSH211 EVO 1 Tool Board Set	1
35800	WSH214 EVO 2 Tool Board Set	1
35853	WSE220 EVO 3 Tool Board Set	1
35796-02	WSB110 Tool Board 900	2
30510	WSHS201 Hook Kit for Tool Board, standard	2
CLAMPING ACCESSORIES		
34638	T10 Universal Pulling Hook	1
30541	T11 Accessories for T10	1
30597	T72 Clamp Jr.	1
30598	T73 Clamp Sill Hook	1
35889	T35 Chain Kit, 10 ton	1
ADDITIONAL ACCESSORY		
33988	B327, RAMP KIT WIDE, BR5000	1

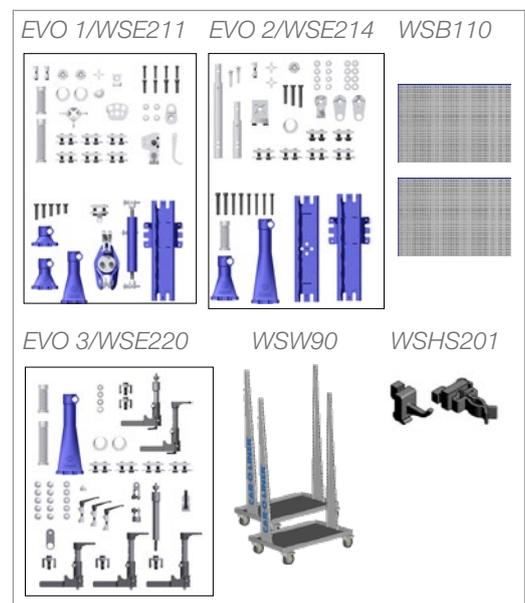
BMW QUICK42™ FRAME ALIGNMENT SYSTEM

ART. NO. 49186



ART. NO.	DESCRIPTION	QTY.
49186	BMW QUICK42 FRAME ALIGNMENT SYSTEM	1
	Includes:	
39748	QUICK42 ALIGNMENT BENCH W/ LIFT, POWER UNIT AND T655 HYDRAULIC OIL, 230/400V	1
43973	ALIGNMENT ACCESSORIES FOR QUICK42 BMW	1
	Includes:	
39788	Q100 Ramp Kit Q42	1
39750	Q165 Hydraulic Hose	2
39630	Q16 Draw Aligner w/ Cylinder Q161	1
30412	D90 Downpull	1
39674	Q170 Hydraulic Jack Kit	1
39836	Q63 Quick Anchoring Kit	1
30948	B61 Bench Parts	1
47056	B248-A10 Threshold Bracket	4
30638	B248 Mounting Plate	4
34504	B276 Sill Support for B248-A10	4
41146	Q201 Spacer Kit	1
31040	T250 Cable Protection	3

UNIVERSAL FIXTURE SYSTEM		QTY.
35413	EVO 1 Basic Anchoring System	1
35419	EVO 2 Extended Anchoring System	1
35719	EVO 3 Universal Fixture System	1
35816	WSW90 + Tool wagon without tool boards	2
35797	WSE211 EVO 1 Tool Board Set	1
35800	WSE214 EVO 2 Tool Board Set	1
35853	WSE220 EVO 3 Tool Board Set	1
35796-02	WSB110 Tool Board 900	2
30510	WSHS201 Hook Kit for Tool Board, standard	2
CLAMPING ACCESSORIES		
34638	T10 Universal Pulling Hook	1
30541	T11 Accessories for T10	1
30597	T72 Clamp Jr.	1
30598	T73 Clamp Sill Hook	1
35889	T35 Chain Kit, 10 ton	2



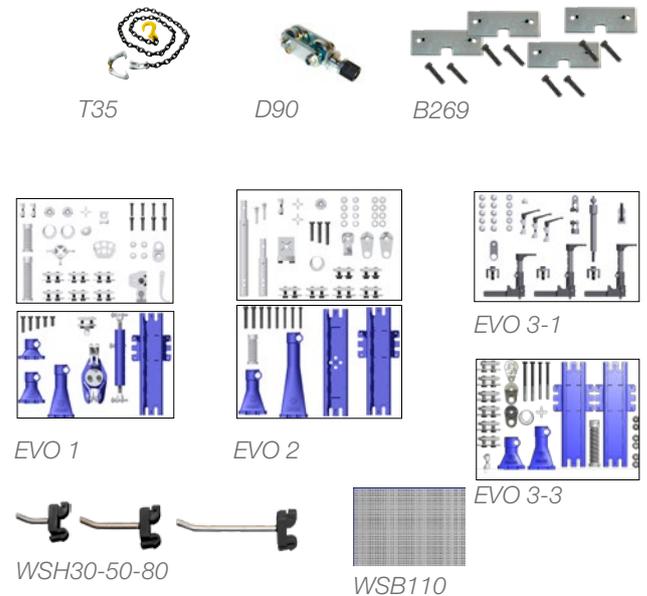
JAGUAR / LANDROVER

JAGUAR / LAND ROVER BENCHRACK™ 5500

ART. NO. 47660



ART. NO.	DESCRIPTION	QTY.
47660	JLR BENCHRACK 5500	1
	Includes:	
34640	B83 Alignment Bench BR5500 w/ Lift	1
31934	B323 Ramp Kit BR5500	1
30346	D16 Draw Aligner	1
44450	D164 Cylinder w/ Pump, D16	1
35879	T611 Power Unit, 400V 3Ph, 50Hz + T655 Hydraulic Oil	1
35889	T35 Chain Kit, 10 ton	1
34638	T10 Universal Pulling Kit	1
30541	T11 Accessories for T10	1
30948	B61 Bench Parts BR, standard	1
34014	B633 Pillar Jack Kit	1
30872	B57 Roll Stop	1
45888	B107 Clamp Plate Set, Aluminum	1
30668	B213 Distance 50	4
33938	B269 Chassis Clamp Jaguar	4
31040	T250 Cable Protection	3
UNIVERSAL FIXTURE SYSTEM		
35413	EVO 1 Basic Anchoring	1
35419	EVO 2 Extended Anchoring	1
35420	EVO 3-1 Fixturing Kit	1
39934	EVO 3-3 Holding Kit	1
OPTIONAL KIT FOR JAGUAR XJ REPAIR		
40100	EVO 3-4 KIT (Contact your salesman for info)	1



JLR WORKSHOP SOLUTIONS

ART. NO.	DESCRIPTION	QTY.
30469	WSH30 TOOL HOLDER 30 MM	12
36823	WSH50 TOOL HOLDER 50 MM	14
36824	WSH80 TOOL HOLDER 80 MM	4
35796-02	WSB110 TOOL BOARD 900	1
35797	WSE211 EVO 1 TOOL BOARD SET	1
35800	WSE214 EVO 2 TOOL BOARD SET	1
35804	WSE218 EVO 3-1 TOOL BOARD SET	1
42744	WSE219 EVO 3-3 TOOL BOARD SET	1

JAGUAR / LANDROVER

JAGUAR / LAND ROVER CAR-O-TRONIC® VISION2 X3 MEASURING SYSTEM

ART. NR. 46733



JLR JOINING AND HEATING



CTR9



CTR7



CTR12000



CMI3000 II



CMI273



CH37

ART. NO.	DESCRIPTION	QTY.
46733	CAR-O-TRONIC VISION2 X3	1
	Includes:	
34572	M90 Car-O-Tronic (Includes M705 HMP Adapter)	1
36481	M81 PC Cabinet	1
33493	M741 Battery Charger	1
46695	Vision2 X3 Software	1
31259	M62 Measuring Parts	1
NECESSARY ADDITIONAL EQUIPMENT:		
39634	M74 MEASURING BRIDGE, 4M QUICK42	1
39635	M75 MEASURING BRIDGE, 5M BENCHRACK	1

ART. NO.	DESCRIPTION	QTY.
48574	CTR9	1
47386	CTR7	1
43000	CTR12000	1
34556	CMI3000 II	1
46446	CMI273	1
36563	CH37 INDUCTION HEATER	1

See pages 23-26 for more info on our welders.

MERCEDES-BENZ BENCHRACK™ 5500 STANDARD

ART. NO. 40217



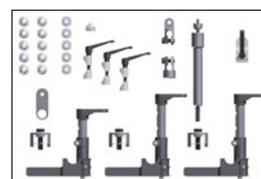
ART. NO.	DESCRIPTION	QTY.
40217	MB BENCHRACK 5500 STANDARD	1
	Includes:	
34640	B83 Alignment Bench BR5500 w/ Lift	1
31934	B323 Ramp Kit BR5500	1
30346	D16 Draw Aligner	1
44450	44172 D164 Cylinder + 44208 D16 Pump	1
35889	T35 Chain Kit, 10 ton	1
30948	B61 Bench Parts BR Std.	1
34014	B633 Pillar Jack Kit	1
39941	B760 Mercedes Clamp Kit	1
35879	T611 Power unit, 400V 3Ph, 50Hz + T655 Hydraulic oil	1
40218	MB ADAPTER KIT EVO SYSTEM	1
	Includes:	
35413	EVO 1 Basic Anchoring System	1
35419	EVO 2 Extended Anchoring System	1
35420	EVO 3-1 Parts Holding	1
39934	EVO 3-3 Mercedes	1
OPTIONAL EQUIPMENT		
47126	EVO 3-3-2 MERCEDES	1



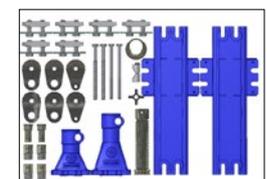
EVO 1



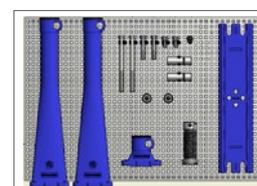
EVO 2



EVO 3-1



EVO 3-3



EVO 3-3-2 (Optional)

MERCEDES-BENZ

MERCEDES-BENZ BENCHRACK™ 6300

ART. NO. 49525

ART. NO.	DESCRIPTION	QTY
49525	MB BENCHRACK 6300 STANDARD	1
	Includes:	
33907	B84 Base Frame BR6300 w/ Lift	1
33990	B325 Ramp kit BR6300 wide	1
30346	D16 Draw Aligner	1
44450	D164 Cylinder w pump for D16	1
35889	T35 Chain Kit, 10 ton	1
30948	B61 Bench Parts BR Std.*	1
34014	B633 Pillar Jack Kit	1
39941	B760 Mercedes Clamp Kit	1
35879	T611 Power unit, 400V 3Ph, 50Hz + T655 Hydraulic oil	1

MERCEDES-BENZ BENCHRACK™ 5000

ART. NO. 40216

ART. NO.	ITEM	QTY
40216	MB BENCHRACK 5000 STANDARD	1
	Includes:	
34639	B16 Base frame BR5000 w/ Lift	1
30984	B320 Ramp kit BR5000	1
30349	D16 Draw Aligner	1
44450	D164 Cylinder w/ pump for D16	1
35889	T35 Chain Kit, 10 ton	1
30948	B61 Bench Parts BR Std.*	1
34014	B633 Pillar Jack Kit	1
39941	B760 Mercedes Clamp Kit	1
35879	T611 Power unit, 400V 3Ph, 50Hz + T655 Hydraulic oil	1

MERCEDES-BENZ CAR-O-TRONIC® VISION2 X3 MEASURING SYSTEM

ART. NO. 41541



ART. NO.	DESCRIPTION	QTY.
41541	CAR-O-TRONIC VISION2 X3 MERCEDES-BENZ	1
KIT CONTAINS: 41543 + 39635		
41543	CAR-O-TRONIC VISION2 X3 MB INCLUDES:	
34572	M90 Car-O-Tronic Slide (Includes M705 HMP Adaptor)	1
36481	M81 PC Cabinet	1
33493	M741 Battery Charger	1
46697	SW21 Vision2 X3 for Mercedes Benz	1
31259	M62 Measuring Parts	1
39635	M75 Measuring Bridge	1

MB JOINING AND HEATING

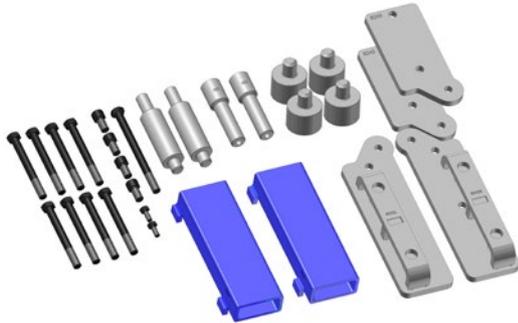
ART. NO.	DESCRIPTION	QTY.
34556	CMI3000 II	1
48107	PNP90 XT²	1

See pages 23-26 for more info on our welders.

MERCEDES-BENZ

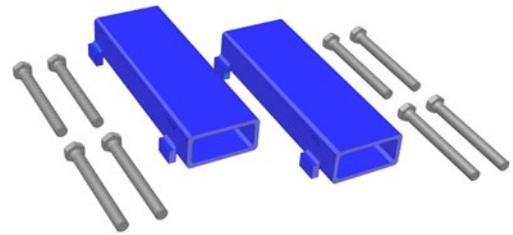
MB B761 CLAMP A & B CLASS

FOR MODEL W169, W245 -2012 | ADDITIONAL KIT TO 40218
ART. NO. 41465 (TOOLBOARD NOT INCLUDED)



MB B762 CLAMP

FOR MODEL W164, W245 - 2012 | INC. 2 X B213 SPACER 50*
ART. NO. 41781 (TOOLBOARD NOT INCLUDED)



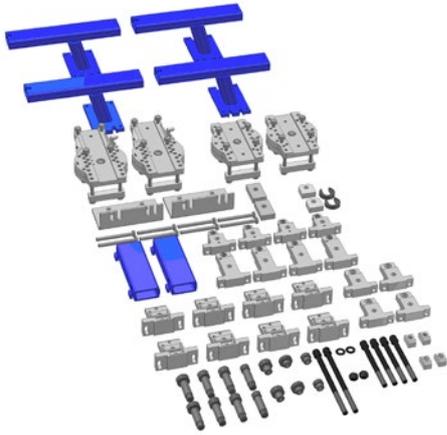
ART. NO.	DESCRIPTION	QTY.
41465	B761 CLAMP KIT A & B CLASS	1
	Includes	
30668	Spacer 50	2
41453	B242L Rear Clamp L.H.	1
41454	B242R Rear Clamp R.H.	1
41458	B243-A47 Spacer, short	4
41459	B242-A6 Spacer, long	2
41460	B243 Base-plate Front Clamp	2
41464	E186-150 Front Spacer	2
31388	M6S 16 x 30 10.9	4
31475	Screw M6S 10x25 8.8FZB	2
41705	Screw M8x45 10.9	2
41782	Set of Hooks B761	1
41679	Mounting Instructions B761	1

ART. NO.	DESCRIPTION	QTY.
41781	B762 CLAMP KIT	1
	Includes:	
30470	WSH25 Holder Ø25	8
30668	Spacer 50	2
36823	WSH50 Steel Hook 50mm	4
41680	Mounting Instructions B762	1

*Attention: If you have B763, 2 units of Spacer 50 are included so you do not need B762.

MB B763 EXTENSION KIT

ART. NO. 41678 (TOOLBOARD NOT INCLUDED)



MB B766 SPRINTER 2018 -

ADDITIONAL KIT TO B763 AND EVO KIT 40218

ART. NO. 49556 (TOOLBOARD NOT INCLUDED)



ART. NO.	DESCRIPTION	QTY.
41678	B763 EXTENSION KIT	1
	Includes:	
30650	Adapter A13 B156-A13	1
30668	Spacer 50 B213	2
30716	Clamping Jaw E5 B260-E5	4
30717	Clamping Jaw E2 B250-E2	8
32236	Clamping Jaw E6 B250-E6	4
36442	Clamping Jaw E9 B260-G3	4
41299	Angle Bracket B247	2
30649	Bushing B3 B156-B3	2
30651	Adapter A2 B156-A2	2
30653	Washer B156-C1	2
30656	Bushing B5 B156-B5	2
30658	Adapter A6 B156-A6	2
30665	Bushing B156-B11	4
30695	Distance B250-H1	2
30696	Nut M20	2
30701	Support	2
30714	Distance B250-H4	2
30719	Bolt M20X220	4
30720	Bolt M20X320	2
30722	Clamp B250	2
30724	Clamp B260	2
30868	Bench Mounting B34-BR	4
31509	Washer BRB 21 x 37 x 3 FZB	2
31540	Nut M6M 20 FZB	2
41683	Hook Kit B763	1
41681	Mounting Instructions B763	1

ART. NO.	DESCRIPTION	QTY.
49556	B766 SPRINTER KIT	1
	Includes:	
49626	B291 Adapter Clamp (W910)	2
49627	B292 Adapter Clamp (W910)	2
49628	B293 Adapter Clamp (W907)	2
49628	B294 Adapter Clamp (W907)	2
41460	B243 Base-plate Front Clamp	2
35390	E175 Torque Bar	1
35395	E130 Support Anchoring	1
35386	E176-40 Extender 400	1
49362	B250-E4 Clamping Jaw	4
30662	B156-A10 Threaded Bushing	2
33642	B250-H6 Spacer	2
35389	Locking Pin	1
36448	E141 Clamp Support	2
49625	M296 Measuring Part Strut	1
49604	Bolt Kit	1
49614	Hook Kit Sprinter	1
49615	Mounting Instructions B766	1

MB B767 X-CLASS 2018- ADDITIONAL TO KIT B763 AND EVO KIT 40218 ART. NO. 49557 (TOOLBOARD NOT INCLUDED)



ART. NO.	DESCRIPTION	QTY.
49557	B767 X-CLASS 2018 -	1
	Includes:	
49630	B295-1 Spacer	2
49631	B295-2 Spacer	2
49632	B295-3 Spacer	2
49633	B295-4 Spacer	2
49607	Bolt Kit	1
49617	Hook kit X-class	1
49618	Mounting Instructions	1
49615	Decal B767	1

MB B769 A-CLASS 2018 - BOLT KIT - ADDITIONAL TO EVO KIT 40218 ART. NO. 49558 (TOOLBOARD NOT INCLUDED)



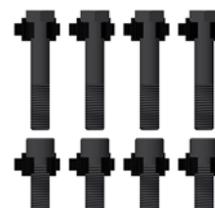
ART. NO.	DESCRIPTION	QTY.
49558	B769 A-CLASS 2018 -	1
	Includes:	
49609	Bolt Kit	1
49624	Hook Kit A-class	1
49618	Mounting Instructions	1
49620	Decal B769	1

MB B768 G-CLASS 2019- ADDITIONAL TO KIT B763 AND EVO KIT 40218 ART. NO. 49559 (TOOLBOARD NOT INCLUDED)



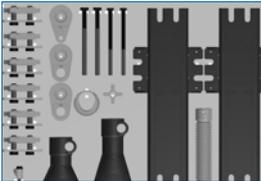
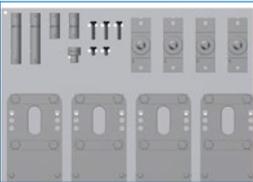
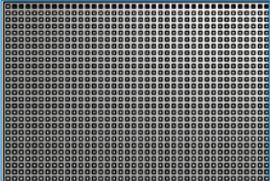
ART. NO.	DESCRIPTION	QTY.
49559	B768 G-CLASS 2019 -	1
	Includes:	
49634	B297-1 Spacer	8
49635	B297-2 Spacer	8
47049	B248-A8 Bracket	4
49611	Bolt Kit	1
49621	Hook Kit	1
49618	Mounting Instructions	1
49623	Decal B768	1

MB B770 GLE 2019- BOLT KIT - ADDITIONAL TO EVO KIT 40218 ART. NO. 49663 (TOOLBOARD NOT INCLUDED)



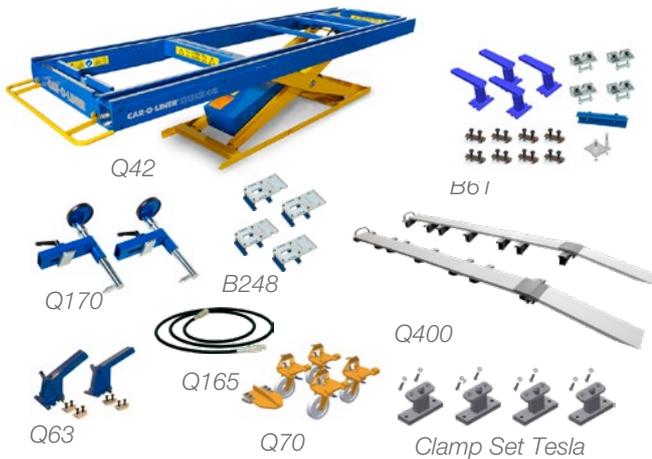
ART. NO.	DESCRIPTION	QTY.
49663	B770 GLE 2019 -	1
	Includes:	
49669	Bolt Kit GLE Class	1
49670	Hook Kit	1
49618	Mounting Instructions	1
49671	Decal B770	1

TOOLBOARD SETS

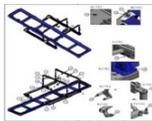
	ART. NO.	DESCRIPTION	QTY.
	35797	WSE211 TOOL BOARD SET EVO 1 INCLUDING HOOKS	1
	35800	WSE214 TOOL BOARD SET EVO 2 INCLUDING HOOKS	1
	35804	WSE218 TOOL BOARD SET EVO 3-1 INCLUDING HOOKS	1
	42744	WSE-MB TOOL BOARDS SET EVO 3-3 MERCEDES INCLUDING HOOKS	1
	41661	WSE-B760 TOOL BOARD SET B760 INCLUDING HOOKS	1
	35796-02	WSB 110-02 TOOL BOARD 900 X 600 EXCLUDING HOOKS	1

TESLA QUICK42™

ART. NO. 46898



ART. NO.	DESCRIPTION	QTY.
46898	TESLA QUICK42	1
	Includes:	
39748	Q42 Alignment Bench, 4.2m w/ Lift, Power Unit and T655 Hydraulic Oil, 230/400V	1
42764	Q400 Wide Ramp Kit for Q42	1
39750	Q165 Hydraulic Hose	2
41856	Q70 Mobility Kit	1
39674	Q170 Hydraulic Jack Kit	1
30948	B61 Bench Parts BR, Std.	1
39836	Q63 Quick Anchoring	2
45883	Clamp Set Tesla Model S (4 pcs)	1
30638	B248 Clamp Plate	4

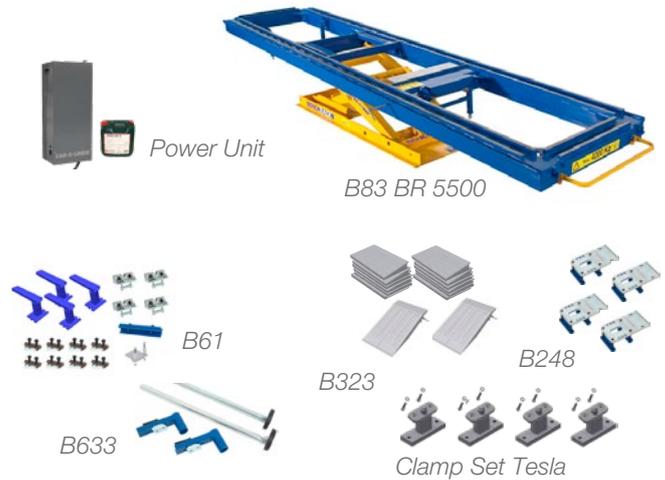


TESLA MODEL X FIXTURE SYSTEM

ART. NO.	DESCRIPTION	QTY.
47657	EVO X MODEL X ROOF SPINE AND REAR HATCH FIXTURE KIT, COMPLETE. Requires the 45883 kit and 4x 30638 adapter plate	1
	includes:	
47985	EVO X Base Fixture Kit (Requires Art. Nos. 47986 & 30638)	1
47986	Model X Fixture Kit (Requires Art. Nos. 47985 & 30638)	1
NECESSARY ADDITIONAL EQUIPMENT		
45883	CLAMP SET/MOUNTING FIXTURES TESLA MODEL S & MODEL X	1
30638	B248 ADAPTER PLATES	4

TESLA BENCHRACK™ 5500

ART. NO. 46900



ART. NO.	DESCRIPTION	QTY.
46900	TESLA BENCHRACK 5500	1
	Includes:	
34640	B83 BR5500 Alignment Bench w/ Lift	1
31934	B323 Ramp Kit for BR5500	1
34014	B633 Pillar Jack Kit	1
30948	B61 Bench Parts BR, Std.	1
45883	Clamp Set Tesla (4 pcs)	1
30638	B248 Clamp Plate	4
POWER UNIT SOLD SEPARATELY		
35879	T611 POWER UNIT, 400V 3PH, 50HZ, INC. T655 HYDRAULIC OIL	1

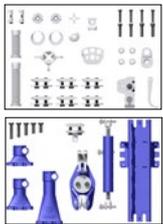
TESLA JOINING AND HEATING

ART. NO.	DESCRIPTION	QTY.
34556	CMI3000 II	1
46446	CMI273	1
46442	CMI273 TWIN	1
43000	CTR12000	1

See pages 23-26 for more info on our welders.

TESLA FIXTURING KIT W/ TOOL WAGON

ART. NO. 49076



EVO 1/WSE211



EVO 2/WSE214



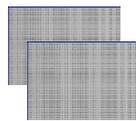
EVO 3/WSE220



WSH30-50-80



WSW90



WSB110

TESLA CAR-O-TRONIC® VISION2 X3 MEASURING SYSTEM

ART. NO. 46733



M90



SW53



M741



M74 / M75



M81



M62

ART. NO.	DESCRIPTION	QTY.
49076	UNIVERSAL FIXTURE SYSTEM KIT	1
	Includes:	
35413	EVO 1 Basic Anchoring	1
35419	EVO 2 Extended Anchoring	1
35719	EVO 3 Universal Holding & Fixturing	1
35816	WSW90 + Tool Wagon without Tool Boards	2
35797	WSE211 Tool Board Set EVO 1	1
35800	WSE214 Tool Board Set EVO 2	1
35853	WSE220 Tool Board Set EVO 3	1
30469	WSH30 Tool Holder 30mm	6
36823	WSH50 Tool Holder 50mm	6
36824	WSH80 Tool Holder 80mm	6
35796-02	WSB110 Tool Board 900	2

ART. NO.	DESCRIPTION	QTY.
46733	MC23 CAR-O-TRONIC VISION2 X3	1
	Includes:	
34572	M90 Car-O-Tronic (Includes M705 HMP (Adapter)	1
36481	M81 PC Cabinet	1
33493	M741 Battery Charger	1
46695	Vision2 X3 Software	1
31259	M62 Measuring Parts	1
NECESSARY ADDITIONAL EQUIPMENT:		
39634	M74 MEASURING BRIDGE, 4M QUICK42	1
39635	M75 MEASURING BRIDGE, 5M BENCHRACK	1

VOLKSWAGEN/AUDI/SKODA/PORSCHE

VOLKSWAGEN/AUDI/SKODA/PORSCHE MEASURING & PLATFORM SYSTEMS

PROFI PLUS VAS 6528

CAR-O-LINER ART. NO. 41330



VAS ART. NO.	COL ART. NO.	DESCRIPTION	QTY.
VAS 6528	41330	PROFI PLUS VAS6528	1
includes:			
6526/1	41309	EVO 1 Basic Anchoring	1
6526/2	41310	EVO 2 Extended Anchoring	1
6526/3	41311	EVO 3 Universal Fixturing System	1
6526/4	41314	B633 Hydraulic Jack Kit	1
6526/5	41331	B61 Bench Parts, Std.	1
6526/9	41315	Wall System	1
6526/10	41316	VW Clamp Kit	1
6526/11	41317	Wireless Measuring System, VW-1 year	1
6526/14	41332	Alignment Bench 4.2m w/ Lift	1
6526/14-1	41335	Q100 Aluminum Ramp Kit	1
6526/15	41333	Q16 Draw Aligner w/ Cylinder, 10 ton	1
6526/16	41334	Q63 VW Quick Anchoring	1
6526/18	35889	T35 Chain Kit, 10 ton	1
6526/19	41327	T10+T11+D90 Universal Pulling Hook with Accessories	1
6526/20	41328	T71+T32 Pulling Clamp Kit	1
6526/21	41771	Winch	1

VOLKSWAGEN/AUDI/SKODA/PORSCHE

PROFI VAS 6527

CAR-O-LINER ART. NO. 41329



VAS ART.NO.	COL ART. NO.	DESCRIPTION	QTY.
VAS 6527	41329	PROFI VAS6527	1
Includes:			
6526/1	41309	EVO 1 Basic Anchoring	1
6526/1-1	41312	Tool Wagon	1
6526/2	41310	EVO 2 Extended Anchoring	1
6526/3	41311	EVO 3 Universal Fixturing System	1
6526/4	41314	B633 Hydraulic Jack Kit	1
6526/5	41331	B61 Bench Parts, Std.	1
6526/6	41336	Tool Wagon Basic	1
6526/8	41338	Tool Board Set	1
6526/10	41316	VW Special Clamps	1
6526/11	41317	Wireless Measuring System, VW-1 year	1
6526/14	41332	Alignment Bench 4.2m w/ Lift	1
6526/14-1	41335	Q100 Aluminum Ramp Kit	1
6526/15	41333	Q16 Draw Aligner w/ Cylinder, 10 ton	1
6526/16	41334	Q63 Quick Anchoring	1
6526/18	35889	T35 Chain Kit, 10 ton	1
6526/19	41327	T10+T11+D90 Universal Pulling Hook with Accessories	1
6526/20	41328	T71+T73 Pulling Clamp Kit	1
6526/21	41771	Winch	1

BASIC VAS 6526

CAR-O-LINER ART. NO. 41308



VAS ART. NO.	COL ART. NO.	DESCRIPTION	QTY.
VAS 6526	41308	BASIC VAS 6526	1
Includes:			
6526/12	41318	Wireless Measuring System VW 1 year	1
6526/14	41332	Alignment Bench, 4.2m w/ Lift	1
6526/14-1	41335	Q100 Aluminum Ramp Kit	1
6526/15	41333	Q16 Draw Aligner w/Cylinder, 10 ton	1
6526/16	41334	Q63 Quick Anchoring	1
6526/17	41319	B106 Chassis Clamps	1
6526/18	35889	T35 Chain Kit, 10 ton	1
6526/19	41327	T10+T11+D90 Universal Pulling Hook with Accessories	1
6526/20	41328	T71+T73 Pull Clamp Kit	1

BENCHRACK™ VAS 6526/22



VAS ART. NO.	COL ART. NO.	DESCRIPTION	QTY.
6526/22	46240	BENCHRACK 5500 ALIGNMENT BENCH AND LIFT	1
6526/22-1	46241	D16 DRAW ALIGNER	1
6526/22-2	46242	RAMP KIT	1
6526/22-3	46243	B633 PILLAR JACK KIT	1

VOLVO MEASURING & PLATFORM SYSTEMS

SPEED™ ALIGNMENT BENCH



BENCHRACK™ 5500 ALIGNMENT BENCH



ART. NO.	DESCRIPTION	QTY.
34575	BS13 PLATFORM WITH LIFT	1
35879	T611 POWER UNIT 400V, 3PH, 50HZ, + T655 HYDRAULIC OIL	1
33045	D20 SPEED DRAW ALIGNER	1
35885	D162 CYLINDER & PUMP FOR D20	1
35898	B660 BENCH PARTS	1
32868	B637 EXTENSION 60	4
ADDITIONAL EQUIPMENT		
46844	TELESCOPIC LIFTING PADS	1
46847	DRIVE-ON RAMP KIT	1

ART. NO.	DESCRIPTION	QTY.
34640	B83 ALIGNMENT BENCH, BR5500, W/ LIFT	1
35879	T611 POWER UNIT 400V, 3PH, 50 HZ + T655 HYDRAULIC OIL	1
31934	B323 RAMP KIT	1
30346	D16 DRAW ALIGNER	1
44450	D164 CYLINDER & PUMP FOR D16	1
35889	T35 CHAIN KIT, 10 TON	1
30412	D90 DOWN PULL	1
30948	B61 BENCH PARTS	1
34014	B633 PILLAR JACK KIT	1

VOLVO MEASURING & PLATFORM SYSTEMS

POINTX® II DIAGNOSTIC MEASURING



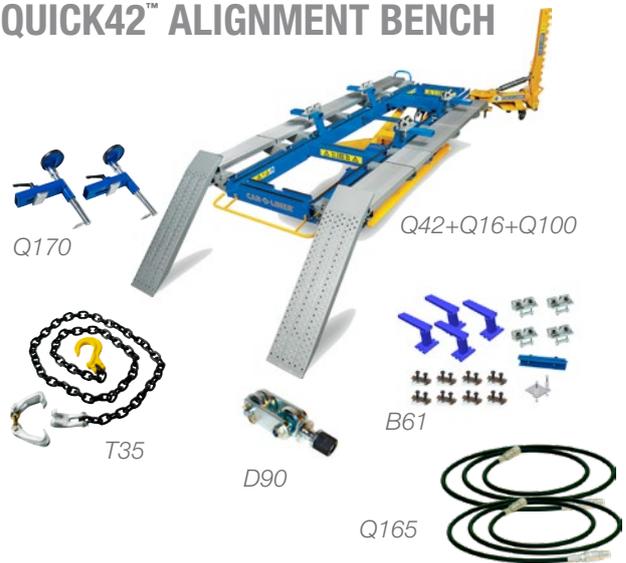
ART. NO.	DESCRIPTION	QTY.
48432	POINTX II COMPLETE	
	Includes:	
47870	PointX II Measuring Tool with lockable case	1
45029	M105 Magnetic Mounting	1
45498	PointX II Adapter Kit	1
49561	Vision2 PointX, 1 year	1
44780	PointX Extension 600	1
45910	Lithium Battery	1

CAR-O-TRONIC® VISION2 MEASURING

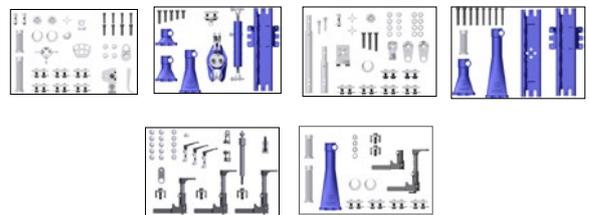


ART. NO.	DESCRIPTION	QTY.
46733	CAR-O-TRONIC VISION2 X3 (MC23)	1
	Includes:	
34572	M90 Car-O-Tronic Slide (includes M705 HMP Adapter)	1
36481	M81 Cabinet	1
33493	M741 Battery Charger	1
46695	SW53 Vision2 X3	1
31259	M62 Measuring Parts	1
NECESSARY ADDITIONAL EQUIPMENT		
39634	M74 MEASURING BRIDGE, 4M QUICK42	1
39635	M75 MEASURING BRIDGE, 5M BENCHRACK	1

QUICK42™ ALIGNMENT BENCH



ART. NO.	DESCRIPTION	QTY.
39748	Q42 ALIGNMENT BENCH W/ LIFT, 400V	1
39788	Q100 RAMP KIT Q42	1
39750	Q165 HYDRAULIC HOSE	2
39630	Q16 DRAW ALIGNER W/ CYLINDER Q161	1
35889	T35 CHAIN KIT, 10 TON	1
30412	D90 DOWN PULL	1
39674	Q170 HYDRAULIC JACK KIT	1
30948	B61 BENCH PARTS	1



EVO™ ANCHORING & HOLDING SYSTEMS

ART. NO.	DESCRIPTION	QTY.
35413	EVO 1 BASIC ANCHORING	1
34519	EVO 2 EXTENDED ANCHORING	1
35719	EVO 3 ANCHORING AND HOLDING	1

See pages 14-17 for EVO Kit contents

WE CARE ABOUT BODY SHOPS

EXCELLENCE. INNOVATION. PASSION.



CAR-O-LINER ACADEMY

We are a competence development partner for the automotive industry, our main objective is to improve quality, safety and profitability for body shops. We enhance our customer's abilities by identifying the real competence and development needed and the offer solutions to meet these needs and accelerate the business growth.

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You will find our Customer Support centers at Car-O-Liner, Gothenburg/Kungsör, Sweden, or at our subsidiaries located in Norway, Germany, France, United Kingdom, Italy, China, India, United States, Thailand and the Middle East. Wherever you are, Car-O-Liner can provide customers with product information, training, support or data subscription/renewal.

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