



Volkswagen Certified Collision Repair Facility Required Tools and Equipment

The following tools and equipment are required for the Volkswagen Certified Collision Repair Facility (VW CCRF) Program. Volkswagen of America (VWoA) may update required tools and equipment periodically. If VWoA updates its tools and equipment, CCRFs will be given six (6) months from the announcement date to comply.

Location of Tools and Equipment

VW CCRF shall:

- Keep Volkswagen required tools and equipment on the location of the VW CCRF
- Not move Volkswagen required tools and equipment from one facility to another
- Not keep Volkswagen required tools and equipment in off-site storage

Changes of Tools and Equipment

VW CCRF shall:

- Notify Volkswagen Certified Collision Repair Facility management in writing regarding changes in the bench, welder, measuring system, or paint booth (email: VWCollision@vw.com)
 - Changes in tools and equipment must be compliant with Volkswagen required tools and equipment (noted in this document) to maintain Volkswagen certification

Care and Use

VW CCRF shall:

- Maintain tools and equipment in good repair and appearance
- Protect equipment from deterioration other than normal wear and tear
- Not use the equipment for any purpose other than that for which it was designed

Authorized Volkswagen Provider

All tools and equipment purchases must be placed through Snap-on Equipment Solutions, VWoA's only authorized provider of VAG/VAS tools and equipment.

To initiate the purchase process, please email VWAudi@snapon.com or call 1.800.892.9650.

VW Contacts

Tools and Equipment:

Warren Barbee

Body Training Instructor, VW Academy

Warren.Barbee@vw.com

VW CCRF Program:

Ashley Biggs

Ashley.Biggs@vw.com

1. **Bench Systems**
2. **Measuring Systems**
3. **Resistance Spot Welders**
4. **Downdraft Paint Spray Booth and Paint Suppliers**

1 Bench Systems

The following tools and equipment are required for the Volkswagen Certified Collision Repair Facility (VW CCRF) Program. Volkswagen of America (VWoA) may update required tools and equipment periodically. If VWoA updates its tools and equipment, CCRF facilities will be given six (6) months from the announcement date to comply.

Requirement: Must have at least one approved Bench system and all required supplements or accessories.

Note: Not all models by the manufacturers below are accepted; refer to approved list below.

Bench System: Car-O-Liner (COL)	
COL: Two (2) Approved Models + Included Supplements (Required)	
COL Model: VAS6527	Measuring and Alignment System – Professional
VAS6527 Includes the Following Supplements (Required)	
VAS6527 Supplement Model Number	VAS6527 Supplement Description
VAS6526/1, ASE 406 457 00 000	Measuring and Alignment System – Supplement Set
VAS6526/2, ASE 406 458 00 000	Measuring and Alignment System – Extended Anchoring System
VAS6526/3, ASE 406 459 00 000	Measuring and Alignment System – Anchoring System
VAS6526/4, ASE 406 462 00 000	Measuring and Alignment System – Hydraulic Jack Kit w/ Hoses
VAS 6526/5, ASE 406 463 00 000	Measuring and Alignment System – Bench Parts
VAS 6526/6, ASE 406 464 00 000	Measuring and Alignment System – Tool Trolley – Basic
VAS 6526/8, ASE 406 466 00 000	Measuring and Alignment System – Tool Trolley Panels
VAS 6526/10, ASE 406 468 00 000	Measuring and Alignment System – Clamp Set
VAS 6526/11, ASE 406 469 00 000	Measuring and Alignment System – Measuring Unit Professional
VAS 6526/14, ASE 406 471 00 000	Measuring and Alignment System – Q42 Base Frame
VAS 6526/14-1, ASE 406 472 00 000	Measuring and Alignment System – Q100 Ramp Set
VAS 6526/15, ASE 406 473 00 000	Measuring and Alignment System – Q16 Draw Aligner
VAS 6526/16, ASE 406 474 00 000	Measuring and Alignment System – Q63 Quick Anchoring
VAS 6526/18, ASE 406 476 00 000	Measuring and Alignment System – Chain Kit – 10 Ton
VAS 6526/19, ASE 406 477 00 000	Measuring and Alignment System – Pull Bar Set (11 pc.)
VAS 6526/20, ASE 406 478 00 000	Measuring and Alignment System – Pull Clamp Set

1 Bench Systems (continued)

Bench System: Car-O-Liner (COL)	
COL Model: VAS6528	Measuring and Alignment System – Professional
VAS6528 Includes the Following Supplements (Required)	
VAS6528 Supplement Model Number	VAS6528 Supplement Description
VAS6526/1, ASE 406 457 00 000	Measuring and Alignment System – Supplement Set
VAS6526/2, ASE 406 458 00 000	Measuring and Alignment System – Extended Anchoring System
VAS6526/3, ASE 406 459 00 000	Measuring and Alignment System – Anchoring System
VAS6526/4, ASE 406 462 00 000	Measuring and Alignment System – Hydraulic Jack Kit w/ Hoses
VAS 6526/5, ASE 406 463 00 000	Measuring and Alignment System – Bench Parts
VAS 6526/6, ASE 406 464 00 000	Measuring and Alignment System – Tool Trolley – Basic
VAS 6526/9, ASE 406 467 00 000	Measuring and Alignment System – Sectional Wall System
VAS 6526/10, ASE 406 468 00 000	Measuring and Alignment System – Clamp Set
VAS 6526/11, ASE 406 469 00 000	Measuring and Alignment System – Measuring Unit Professional
VAS 6526/14, ASE 406 471 00 000	Measuring and Alignment System – Q42 Base Frame
VAS 6526/14-1, ASE 406 472 00 000	Measuring and Alignment System – Q100 Ramp Set
VAS 6526/15, ASE 406 473 00 000	Measuring and Alignment System – Q16 Draw Aligner
VAS 6526/16, ASE 406 474 00 000	Measuring and Alignment System – Q63 Quick Anchoring
VAS 6526/18, ASE 406 476 00 000	Measuring and Alignment System – Chain Kit – 10 Ton
VAS 6526/19, ASE 406 477 00 000	Measuring and Alignment System – Pull Bar Set (11 pc.)
VAS 6526/20, ASE 406 478 00 000	Measuring and Alignment System – Pull Clamp Set

1 Bench Systems (continued)

Celette Benches: Five (5) Approved Models + Required Accessories	
VAS811003	GRIFFON EVO Package (Puller Included)
VAS811007	RHONE EVO Package (Puller Included)
VAS811011	SEVENNE Bench Composition
VAS811009	SEVENNE XL Bench Composition
VAS811013	GRIFFON XL (Puller Included)
Required Celette Accessories	
Accessory Model Number	Accessory Description
VAS6630	34 Universal Piston Set, MZ2500.000
955A.9612	Set of Six (6) Cross Members
MZ450.010	MZ Towers (22 pieces) Wedges 4
MZ450.907	MZ Tower Storage Trolley
9113.063	Universal Side Portal Gantry
9121.523	Multi-Function Support
SC.40014	4-Ton Super Hydraulic Kit
ATD.149	Pulling Flange
ATD.01.149	Kit for Flange ATD.149
VAS6123	Two (2) Pulling Straps
ATD.165	Pull Clamp
ATD.01.801	Down Pull
VAG1438	Mechanical Door Brace
CSK15.111	Kit for Multiple Pullings
CAT.500	Pulling Clamp Set
ROLL.100	Trolley for Damaged Vehicles
918.920	Engine Holding Device
ESP.MP.02	Work Stand

1 Bench Systems (continued)

Spanesi: Two (2) Approved Models + Required Accessories		
VAS811017/1	Spanesi Bench with Racks – 5m Kit with six (6) cross bars	
VAS811017/2	Spanesi Bench with Racks – 6m Kit with seven (7) cross bars	
Required Spanesi Accessories		
Accessory Model Number	Accessory Description	Notes
VAS811017/3	Universal Jig System	Included with VAS811017/1 or VAS811017/2
VAS811017/4	Scissor Lift with Control Box	Included with VAS811017/1 or VAS811017/2
VAS811017/5	Drive-on Ramps (for 5m Bench)	Included with VAS811017/1
VAS811017/6	Pulling Arm	Included with VAS811017/1 or VAS811017/2
VAS811017/7	Loading Trolley	Included with VAS811017/1 or VAS811017/2
VAS811017/8	Special Bolt Set	Included with VAS811017/1 or VAS811017/2
VAS811017/9	Adapters for Aluminum Bodies	Optional
VAS811017/10	Touch Sliding Bar	Optional
VAS811017/11	Positioning System	Required
VAS811017/12	Mounting Adapter	Included with VAS811017/1 or VAS811017/2
VAS811017/14	Drive-on Ramps (for 6m Bench)	Included with VAS811017/2
VAS811017/18	Follow-me System	Included with VAS811019
VAS811017/19	Probe	Included with VAS811019

2 Measuring Systems

Approved manufacturers and their specific approved systems are listed below.

Requirement: Must have **at least one** approved measuring system.

Model Number	Description – Manufacturer	Additional Information
VAS6526/11	Measuring and Alignment System – Measuring Unit Professional – Car-O-Tronic Vision2 X3 – Car-O-Liner	Included with VAS6528 and VAS6527
VAS811001/8	Electronic Measuring System – Celette Naja	
VAS811019	Electronic Measuring System Touch – Spanesi	

3 Resistance Spot Welders

Approved manufacturers and their specific approved systems are listed below.

Requirement: Must have **at least one** approved VAS-branded resistance spot welder.

Note: Welder approval is at the discretion of VWoA.

Model Number	Description – Manufacturer	Additional Information
VAS6530	Resistance Spot Welder – Inverter Spot Welder Techna	Superseded by VAS6530A
VAS6530A	Resistance Spot Welder – Techna	
VAS6535	Resistance Spot Welder – Elektron	Discontinued
VAS6545	Resistance Spot Welder – Wiedlander & Schill	Superseded by VAS6545A
VAS6545A	Resistance Spot Welder – Wiedlander & Schill	
VAS6755-208	Automatic Spot Welding System – Car-O-Liner	
VAS6755-460	Automatic Spot Welding System – Car-O-Liner	
VAS821101	Resistance Spot Welder – GYS	

4 Downdraft Paint Spray Booth and Paint Suppliers

Facilities must have a downdraft paint spray booth that meets requirements and must utilize at least one approved paint supplier.

Note: Paint spray booth approval is at the discretion of VWoA.

Downdraft Paint Spray Booth Requirements	
1	Equipment is designed, constructed, and installed in accordance with the BOCA Building and Materials Codes, NFPA 33 and 70, OSHA and all applicable local, state, and federal codes
2	Lighting has adequate minimum foot-candles at center of booth and has upper and corner color-corrected fluorescent lamps (VWoA discretion and approval)
3	Air handling and heating requirements—exhaust system capable of 100 ft/min measured at the face of the vehicle shell and up to a minimum of 14,000 CFM
4	Heat supply system with direct-fired burners and a minimum 1.5 MTBU capacity
5	Paint spray booth has waterborne capabilities
6	Paint spray booth is clean and well maintained

Approved Paint Suppliers	
1	AkzoNobel – Lesonal
2	AkzoNobel – Sikkens
3	Axalta – Standox
4	Axalta – Cromax
5	Axalta – Spies Hecker
6	BASF – Glasurit
7	BASF – RM
8	PPG – PPG
9	PPG – Nexa Autocolor
10	Sherwin-Williams