

# Volkswagen Certified Collision Repair Facility

## Required Tools and Equipment

The following tools and equipment are required for the Volkswagen Certified Collision Repair Facility Program (VW CCRF Program). Volkswagen of America (VWoA) may require additional tools and equipment in the future. If VWoA announces additional required tools, facilities will be given six (6) months from the announcement date to order tools.

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### I. FRAME RACK AND ALIGNMENT SYSTEMS

\*Must be either Car-O-Liner, Celette, or Spanesi benches listed below with required additional subcomponents.

#### 1. Car-O-Liner Measuring and Alignment System Kits

- VAS 6527 - Professional Measuring and Alignment System
- VAS 6528 - Professional Plus Measuring and Alignment System

#### 2. Celette Sevenne Repair Bench (SVN.05.3112) and all subcomponents noted below:

- MZ+ Set (2500.000)
- Set of 6 Cross members (955A.9612)
- MZ Towers (22 pieces) (MZ450.010)
- MZ Towers Storage Trolley (MZ450.907)
- Side Portal Basic System (9113063)
- Multi-Functional Support (9121.523)
- 4-Ton Super Hydraulic Kit (SC.40014)
- Pulling Flange (ATD.149)
- Kit for Flange ATD.149 (ATD.01.149)
- 2 Pulling Straps (SN99.00)
- Pulling Accessory, Automatic 50 mm (ATD.165)
- Pulley Block (ATD.01.801)
- Mechanical Door Brace (Door Aperture Fixture) (VAG 1438)
- Kit for Multiple Pulling (CSK15.111)
- Pulling Set (CAT.500)
- Trolley for Damaged Vehicles (ROLL.100)
- Orientable Engine Holding (918.920)
- Work Stand (ESP.MP.02)



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### 3. Spanesi Bench and Measuring System

- VAS 811 017/1 – Spanesi Bench 5 Meter
- VAS 811 017/2 – Racks Kit 6m
- VAS 811 017/3 - Universal Jig System
- VAS 811 017/4 – Scissor lift for 6m Bench
- VAS 811017/5 - Drive-on Ramps (for 5m Bench)
- VAS 811 017/6 - Pulling Arm
- VAS 811 017/7 – Loading Trolley
- VAS 811 017/8 - Special Bolt Set
- VAS 811 017/10 - Touch Sliding bar for VAS811019
- VAS 811 017/11 - Positioning System
- VAS 811 017/12 - Universal Crossbar Adapter for VAS 811 019
- VAS 811 017/14 - Drive-on Ramps (for 6m Bench)
- VAS 811 017/15 - Upperbody System
- VAS 811 017/16 - Electronic Measuring System Touch
- VAS 811 017/18 - Follow-me System
- VAS 811 017/19 - Probe

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## II. INVERTER WELDERS

\*Must have one of the following welders noted below.

**\*All Welder orders must be placed through Snap-On Equipment Solutions.**

\*Email [vwaudi@snapon.com](mailto:vwaudi@snapon.com) or call (800) 892-9650.

- VAS 6530 – Inverter Spot Welder Techna
- VAS 6530A - Resistance Spot Welder Techna
- VAS 6535 - Resistance Spot Welder Elektron
- VAS 6545 - Resistance Spot Welder Wiedlander & Shill
- VAS 6545A - Resistance Spot Welder Wiedlander & Shill
- VAS 6755-208 – Automatic Spot Welding System Car-O-Liner
- VAS 6755-460 – Automatic Spot Welding System Car-O-Liner
- VAS 821101 - Resistance Spot Welder GYS

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### III. DOWNDRAFT PAINT SPRAY BOOTH

\*Must meet all of the following requirements

1. Equipment to be 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 to be an adequate minimum foot candles at center of booth and have upper and corner color-corrected fluorescent lamps (VWoA discretion and approval).
3. Air handling and heating requirements – exhaust system to be 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 with a minimum 1.5 MTBU capacity.
5. All spray booths should have waterborne capabilities.

### PAINT SUPPLIERS

\*Must utilize one of the VWoA approved paint suppliers noted below:

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|--------------------------|--------------------------|
| 1. Akzo Nobel - Lesonal  | 7. BASF - RM             |
| 2. Akzo Nobel - Sikkens  | 8. PPG - PPG             |
| 3. Axalta - Standox      | 9. Martin Senour         |
| 4. Axalta - Cromax       | 10. PPG - Nexa Autocolor |
| 5. Axalta - Spies Hecker | 11. Sherwin-Williams     |
| 6. BASF - Glasurit       |                          |

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### IV. CONTACTS

➤ **FOR TOOLS AND EQUIPMENT INFORMATION**

- Contact Warren Barbee, Body Training Instructor, Volkswagen Academy
- Email: warren.barbee@vw.com

➤ **FOR VOLKSWAGEN CERTIFIED COLLISION REPAIR FACILITY (VW CCRF) PROGRAM INFORMATION**

- Contact Germaine Palangdao, PMP
- Email: VWCollision@vw.com