



# VW Golf MK7 R CAT BACK (ES-VW09-VMKSB-CBS) Installation Instructions

**XFORCE RECOMMENDS AN AUTHORISED PROFESSIONAL TO INSTALL ALL PRODUCTS**

**WARNING:** When working on any vehicle exercise extreme caution. Please allow the vehicles exhaust system to be cool enough to touch before removal. Failing to do so may result in severe burns. If working without a hoist refer to the vehicles manual to check correct lifting specifications. Always wear safety glasses, protective gloves and ensure your working in a safe area. Serious injury or death can occur if the correct safety measures are not followed.

**Attention:** Please read the instructions carefully. XFORCE will only warrant manufacturing faults. This does not extend to damage or breakage due to incorrect fitment.



## Part Number List

1. ES-VW09-CBS-C1
2. ES-VW09-C2
3. ES-VW09-VMKR
4. 2 X TIPS (Long outer Tips)
5. 2 X TIPS (Short inner Tips)
6. VK-01 (Varex wiring kit with key fob and module)
7. VKSB1 (SmartBox kit with OBDII Cable, GPS Aerial, Key Fob wire)
8. 2 X GASKETS
9. 4 X 10MM BOLTS AND NUTS



## Step 1

Raise car on a Vehicle Lift

Unbolt Slip joint Clamp in front of rear wheels

Unclip Bimodal Motor Wiring

Remove Rear Muffler



## Step 2

On a bench assemble finger tight ES-VW09-CBS-C1 to ES-VW09-C2 making sure you have a gasket between the flanges.

Lift into place and insert hangers into rubbers and slip into clamp. If fitting the XForce Dump Pipe (ES-VW09-KITB) **DO NOT** use the ES-VW9-CBS-C1

Install the rear muffler (ES-VW09-VMKR) placing a gasket a 2 nuts and bolts at the flange. Then fit the 4 Tips, 2 long tips on the outer pipe on each side and the 2 shorter tips in the inside pipe on each side.

Tighten all bolts (16mm) and nuts (14mm) from the rear to the front.

Check Tip alignment and tighten using a 6mm Allen Key.



## Step 3

Plug Varex wiring into rear muffler (2 pin plug with yellow rubber seal), run the wiring into the trunk area through a rubber grommet and forward to the passengers side front of the car.

Connect 4 white 4 pin plug to the Smart Box, plug OBDII cable into Factory OBDII Port  
**(Under the lower dash between steering wheel and door)**

then to the Smart Box, Attach GPS Aerial to Windshield and then to Smart Box and finally connect Varex Key Fob Module to the Smart Box using the Short Grey Connecting Cable.

The 2 wires with the round eyelets go to the main battery supply in the engine bay. There is a rubber grommet in the firewall on the left side of the brake pedal which will give you access to the engine bay. Make a hole in the grommet and feed the 2 wires with the eyelets through. The eyelet with the fuse holder goes to the positive terminal of the battery or to the positive wire bank in the fuse box. The other eyelet with the blue wire goes to the body earth on the firewall behind the battery

The single brown wire (with the piggy back fuse holder) goes to the fuse box behind the passengers glove compartment. It **MUST** go to a fuse that has accessories power (ie, has power when the car is running and no power when the car is off).

Start the car and make sure the blue light is either on or flashing then turn the car off and make sure the blue light is off.

Tuck the Smartbox under the carpet below the passengers glove compartment and make sure the wiring is tucked under the plastic kick panel between the carpet and the doors from the back to the front.

Download the Varex SmartBox App from the App Store or Google Play, Set up SmartBox settings and check that Varex is working Correctly.

You can find a Detailed Video for the SmartBox Installation and setup on the Xforce Website [www.xforce.com.au/tv](http://www.xforce.com.au/tv)

**START THE CAR AND ONCE THE CAR IS AT OPERATING TEMPATURE RETIGHTEN ALL BOLTS**

Note: When you first start your vehicle after the installation of your new XFORCE Performance Exhaust System, there may be some smoke and fumes coming from the system. This is a protective oil based coating used in the manufacturing of mandrel bent performance exhaust tubing. This is not a problem and will disappear within a very short period of time after the exhaust has reached normal operating temperatures.