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GW-V-COOL-TANK

Aluminum Coolant Expansion Tank
1986-1991 Vanagon

If you want to install your tank and FORGET ABOUT IT, this is the tank for you. This all-aluminum coolant expansion tank features a sight glass that is visible from behind the license plate, accepts your original sensor, and installs right into your original bracket. The installation couldn't be easier!

Tools Required	Hardware List	Parts List
Channel Lock Pliers Hose Clamps 10mm Socket or Wrench Crimp Connector	(2) Hex Head Sheet Metal Screws (2) Sheet Screw Washers (2) 18GA Butt Connector	(1) Coolant Tank (1) Coolant Tank Cap (1) Late Style Level Sensor (1) Sight glass (1) Sensor Connector Housing



Note: We install the later 1990-91 level sensor on these tanks, which is designed for the Bosch 2-pin, sealed plug. 1990-91 Vanagon came with this plug on the harness, but 1983-89 Vanagon did not. Early Vanagon will, however, plug in and the boot on your harness can be stretched over the late style sensor. If you have an earlier style level sensor, you can remove the included sensor and install your existing sensor or you can connect right to the included late style sensor. Regardless: We highly recommend replacing the [sensor](#) and [pins](#) on the harness to insure a good, clean connection to this sensor, available on our website.



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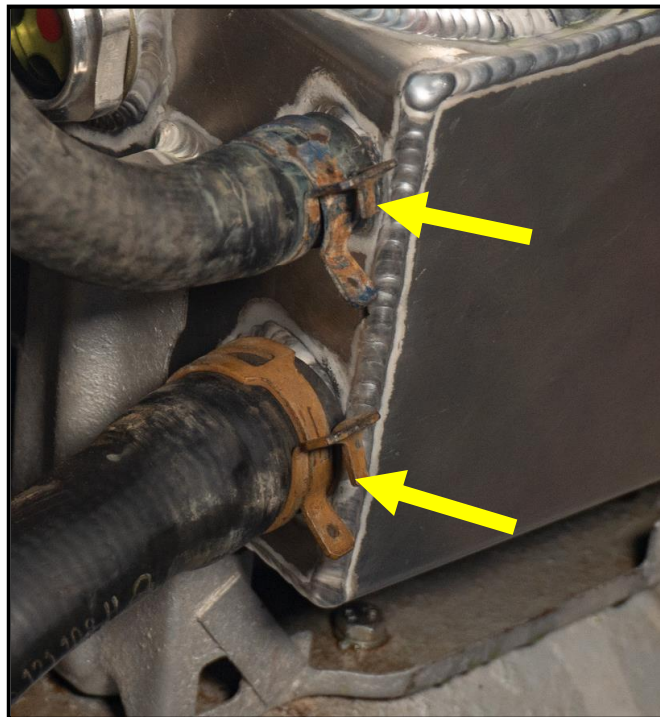
Installation Instructions

- 1) Remove your current coolant expansion tank. This will require pinching both coolant hoses on the tank with hose pinch pliers, removing the hose clamps using channellock pliers, unplugging the level sensor, and removing the screws that secure the tank to the bracket.
- 2) Place the tank in the bracket and install the included hex head sheet metal screws with washers. The bottom of the tank will register on the existing tab.



⚠ NOTE: *These thin OE brackets are commonly bent in all sorts of directions. You may need to “convince” your bracket to line up with the tabs on the tank.*

- 3) Push on the hoses and secure the clamps. Make sure the clamps are completely seated on the barbs. **(Do NOT unpinch the hoses yet!)**





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- 4)** Connect the breather hose to the filler neck hose barb.



- 5)** Fill the tank with a mixture of 50/50 phosphate-free coolant/distilled water, and remove the pinch pliers from the hoses. You can leave the included coolant and heat proof coolant tag on your tank to ensure that technicians always fill your system with the correct mixture.
- 6)** We have included a late style coolant sensor and connector. If your sensor connector does not connect to the sensor that has been preinstalled, simply snip out the old sensor and connect the new housing wires using the provided butt connectors. The tank is compatible with early style sensors as well, but for reliability, we recommend the later style sensor and electrical connector we have provided.



That's It... You're Ready to Hit the Road!