



INSTALLATION INSTRUCTIONS

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CARBAHN EXHAUST VALVE CONTROLLER KIT

**CARBAHN PART #:
CBMIS-4002**



US Based Support
866-558-4314
Sales@CarBahn.com
CarBahn.com



NOTE:

**Before you start the installation be sure you have the correct kit for your car.
The pictured kit is for a two valve exhaust car and has two separate wiring harness legs, one for each valve. A single valve kit will only have one wiring leg for a single valve car.**

Installing the controller kit is not very difficult, but some basic skills and tools are needed.

Zip ties not included but recommended



The controller box is weather tight and can be installed anywhere under or around the rear bumper or behind the fender wells. When attaching it's best to add a zip tie around the box as well as the adhesive backing.

The wiring harness is designed for the box to be on one side or the other of the car and has a long and short leg.

These photos were taken from an M2 installation.



If your car has this or a similar plastic cover behind the rear wheel it is a good spot to locate the controller box.

Remove the plastic nuts and remove the cover



With the cover removed you can attach the box to just about any flat surface you see.

Leave the cover off until you have finished running the harness any extra length can be rolled up and zip tied here.

Harness can be run back toward the rear bumper.



If you are doing a two valve kit note that the wiring harness has a long and short leg, rout the short leg to the valve closest to the box and the long leg of the harness to the valve on the other side. The far side harness can be run under the heat shield that is above the muffler, by removing the screws that attach the shield to the bumper and the small nuts that attach the shield to the car above the muffler.

Once you have the harness legs run to the exhaust valves the connection at each valve is simple.



Note that there are two plugs at the end of each controller harness leg, a male and a female.



Squeeze the release tab on the stock plug and remove it from the exhaust valve, plug this stock plug into the female end of the controller harness. Then plug the male end of the controller harness into the exhaust valve where you removed the stock plug. After it's plugged in, push up the small gray lock tab to secure the plug in the valve. Do this at each valve.

After you finish the connection you can zip tie up the harness making sure it's not touching the muffler or any part of the exhaust. Start at the valves and work back to the box then you can roll up and tie up any extra harness length at the box. Refit the stock cover.



The Kit comes with two identical key fob remotes for the valve controller. Slide the cover down on the remote to expose the buttons.

Button #1 is the open button. With the car on and running, push this button and the exhaust valves will open and remain open all the time, even if the car is turned off and restarted the valves will remain open.

Pressing button #2 is the stock button Pushing this with the car on will put the valves back into stock mode and they will open and close as normal.