

AiROCK Firmware Master Reset

In the event that the power to the AiROCK is interrupted WHILE the Key is on and the AiROCK is in Manual Mode, most likely the system will restart the next time displaying "Not Calibrated" due to an improper memory dump. ALWAYS make sure the display reads "Vehicle Sleeping" once the key is turned off before disconnecting the 12volt power feed to the AiROCK.

First off, we need to do a Master Reset to get all the memory allocations back to proper.

So, with the jeep running, and "Not Calibrated" displayed, follow the list below to reset the AiROCK ACU.

To start, at "Not Calibrated" press the > button to start.

The display will flash "Set install type" and "U/D to scroll" and it will rest on "Set install type" and "Jeep >" on the bottom line, press the > button and it will display "Jeep Are you sure?" simply press the > button to confirm.

The display will then flash "Setup Menu" and "U/D to scroll" and will stop on "Installed AiROCK Options" Press the > button.

The display will flash "View/set options U/D to scroll" and will come to rest at "SwayLOC" and "No Toggle"

Now, here we need to do a special button sequence to enter the configuration menu

With 2 fingers, Press the LEFT and RIGHT buttons together, and release, 4 times consecutively. If done correctly, the 4th push should change the display to read "Debug cycle...."

Now, scroll Up or Down until you see "Reset to require new calibration"

Press the > button and "Reset? Are you sure?" will be displayed, press the > button and the AiROCK will reboot and return to "Not calibrated"

Once again, at "Not Calibrated" press the > button to start.

The display will flash "Set install type" and "U/D to scroll" and it will rest on "Set install type" and "Jeep >" on the bottom line, press the > button and it will display "Jeep Are you sure?" simply press the > button to confirm.

The display will then flash "Setup Menu" and "U/D to scroll" and will stop on "Installed AiROCK Options" Press the > button.

IF you have our optional SwayLOC Anti-Sway bar installed, along with the integrated AiROCK control, then continue the next step of toggling the software to SwayLOC YES. IF you do not have the SwayLOC, you may skip and head to the following line.

The display will flash "View/set options U/D to scroll" and will come to rest at "SwayLOC" and "No Toggle" Press the > button to change the display to YES. And then < button back to the "Show installed AiROCK options"

Now, we need to set a couple of parameters to better the operation of the system.

With “Show installed AiROCK options” on the display, scroll UP a couple of button pushes, you’ll see “Change minimum PSI required” Now press the > button.

Display will change to “Minimum PSI Required” and Bottom “PSI: 95” You need to press the down button and lower the PSI required to 85. One push is 1 PSI, push repeatedly until it stops at 85. Press the < button to exit the adjustment mode.

Display should read again “Change Minimum PSI required” now scroll UP and display should read “Change Maximum PSI allowed” press the > button.

Display will read “Maximum Allowed PSI: 120” again, down button 1 psi at a time, lower this reading to 105PSI. When done, < arrow and return to “Change Maximum PSI”

Now, you are ready to Calibrate. IF YOU DO NOT have the SwayLOC option, you will NEED to disconnect your front sway bar. Failure to do so will result in a calibration that will not travel as far as it will with it disconnected, and the first time you disconnect and go off road, you will not experience the full control the AiROCK offers.

Scroll down until you see the option “Calibrate Springs/Extents” and press the > button, display will show “Start the engine” which I hope you already have it running, press the > button. This should start the system in calibration. It will vent all the air, will inflate to maximum height, return to middle, tilt left and then middle and tilt right, and then back to middle, lower and raise, and when done will display “Calibration successful” on the display and “> “ on the bottom, press the > button to continue.

This should return to “Manual Mode” and be ready for a drive.