Airdelete Pro Instructions

** This programming procedure is a guide and responsibility or liability for the results of this procedure land solely on the end-user. We make no representations of any kind, expressed or implied about the completeness, accuracy, reliability, suitability or availability with respect to the information contained in this procedure. Any reliance you place on such materials is therefore strictly at your own risk and by proceeding with this procedure, you agree to absolve Airdelete Suspension and all associates from any and all damages that may occur. If you do not agree to this, please return the items for a refund.



Step 1: Open the hood and locate the fuse box in front of the battery. For 2013-2018 Ram models, remove fuses F05 (40 Amp, Air Compressor) and F50 (20A, Air Suspension Control Module). For 2019+ models, remove fuses F22 (50 Amp, Air Compressor) and F17 (20A, Air Suspension Control Module). You should verify that the fuse numbers match the air compressor and the ASCM by referencing the fuse diagram on the back of the fuse panel cover.

Bypass Cable Installation - This applies to 2018+ models only. If you have a 2017 or prior, you may skip this section and go to step 2.

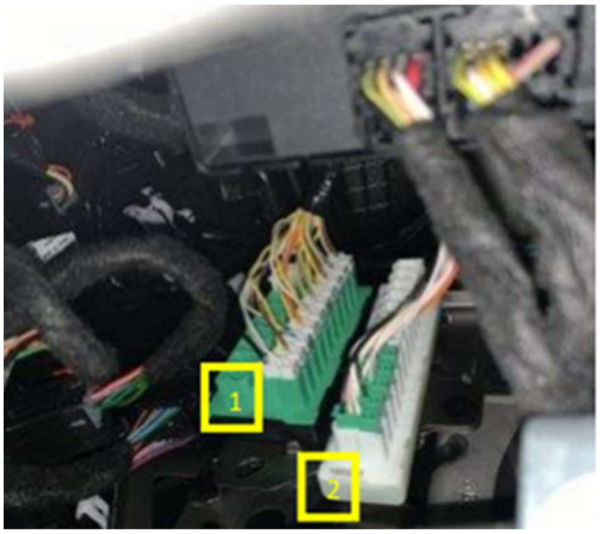
1. Locate the OBD port and plug the female connector from the bypass harness into the factory OBDII connector.

2. Locate the small two pin white connector on the bypass harness.

3. Locate the can blocks (star connectors) which are directly behind the headlamp switch – you can access these from under the dash.

4. Plug the white connector (with blue and yellow wire) into the green can block labelled “1” in the photo. You can use any open connector location. The blocks may be arranged differently than the photo depending on the year and model that you’re working on.

5. Proceed below, using the OBD connector on the end of the bypass cable.



Step 2: Ensure that the key is in “run” mode but without the engine running. You can do this by pressing the start button twice, but without your foot on the brake.

Step 3: Familiarize yourself with the LED color codings below. Plug the airdelete pro OBD connector into the OBD port (or into the bypass harness OBD port if you installed one earlier). The airdelete pro will capture the VIN from the first vehicle that it's plugged into and will store it in flash memory. It will be locked to this VIN, so please do not plug it into any vehicle other than the one you're working on. The airdelete pro will then ask the BCM whether the air suspension option is on or off. If it's on, it will turn it off. If it's off, it will turn it back on.

Step 4: When you see a successful coding color per the guide below, you may wait a few seconds then unplug the airdelete pro. Turn the key off, then disconnect the negative terminal on the battery for a few minutes. **It's extremely important that you temporarily disconnect the battery after a programming attempt. If you see an unsuccessful color coding, note the reason. Errors 1-4 can be resolved on your own. Please email sales@airdelete.com if you encounter errors 5 or 6 and we can assist.**

Step 5: Reconnect the battery and verify that the warning message is gone.

Step 6: The airdelete pro is intended to stay with the vehicle forever, in case future use is required. If you're a technician, it's your responsibility to ensure that the airdelete pro is given back to the end-user.

When the adapter is connected to a vehicle, the LED reports the result.

Rule of thumb: SOLID = final result, BLINKING = error / interrupted.

Success (solid):

1. solid green -- coding successful, suspension ON
2. solid blue -- coding successful, suspension OFF
3. solid red -- VIN mismatch: this adapter is bound to a different vehicle (its stored VIN does not match the one on the CAN bus).

Errors (blinking, ~1 Hz):

1. red + blue alternating -- supply voltage too low (< 11.0 V). Battery is dead or contact is poor.
2. red + green alternating -- supply voltage too high (> 13.4 V). Engine is running -- coding is not allowed with the engine on. Turn the engine off.
3. red + white alternating -- no CAN bus detected. Check the OBD connector and wiring.
4. red blinking -- ECU not responding / diagnostic session could not be started. Try ignition ON without engine running, re-seat the OBD connector.
5. red + lilac alternating -- wrong / unknown ECU on the bus. The vehicle does not match this adapter's target.
6. red + yellow alternating -- ECU read or write failed mid-procedure. Re-try; if it persists, the ECU may be in a protected state.

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions:
(1) This device may not cause harmful interference, and
(2) this device must accept any interference received, including interference that may cause undesired operation.