

GENERIC · CHASSIS

C062E

OBD-II DIAGNOSTIC TROUBLE CODE (DTC)

C062E

Active Air Dam Supply Voltage Circuit Low

This code indicates that the active air dam control module has detected a low voltage condition on the power supply circuit that feeds the air dam actuator. The module expects to see battery voltage on that supply wire when the system is commanded, and it sets C062E when the measured voltage falls below the calibrated threshold, which usually points to a wiring, connection, or actuator fault rather than a command problem.

SYSTEM	CODE TYPE	SEVERITY	FIX DIFFICULTY	AREA
Chassis	Generic (all makes)	Low	Intermediate	Brakes, steering and suspension

Symptoms you may notice

- The air dam may stay in the deployed position or fail to move at all.
- A warning light or message on the dash indicating an active air dam fault.
- Often no symptoms besides the warning light, especially if the dam is stuck in a position that does not affect cooling.
- Slightly reduced fuel economy at highway speeds if the dam remains deployed.
- The air dam may cycle erratically or make unusual noises when commanded.
- In some vehicles, other body control or active grille shutter functions may be inhibited.

Common causes, most likely first

- A damaged or corroded power supply wire between the control module and the air dam actuator.
- A poor ground connection at the actuator or chassis, causing a voltage drop under load.
- A faulty air dam actuator with an internal short or high resistance on its supply circuit.
- A blown fuse or a relay that is not supplying full battery voltage to the circuit.
- Water intrusion or debris in the actuator connector causing corrosion and voltage loss.
- A weak or failing control module that cannot supply the required current, though this is less common.
- Battery or charging system issues that cause low system voltage under certain conditions.



How to diagnose and fix it

- 1 Inspect the air dam actuator connector and wiring for corrosion, damage, or loose pins, and clean or repair as needed.
- 2 Check the fuse and relay that supply power to the active air dam circuit, replacing any that are blown or faulty.
- 3 Measure voltage at the actuator supply wire with the system commanded on, comparing it to battery voltage to identify excessive drop.
- 4 Perform a voltage drop test on both the power and ground sides of the circuit to locate high-resistance connections.
- 5 Disconnect the actuator and check for an internal short or excessive current draw that could pull the supply voltage low.
- 6 If wiring and connections are good, substitute a known-good actuator to see if the code clears and the system operates correctly.
- 7 Clear the code and verify the repair by commanding the air dam through its full range and confirming no return of the fault.

What the supply voltage code really means

- A low supply voltage code often results from a simple corroded connector or chafed wire, not a failed actuator, so always inspect the harness before replacing parts.
- The air dam may share a power feed with other body components, so a fault elsewhere on that circuit can cause this code to set even if the dam itself is fine.
- Intermittent low voltage can be caused by water splashing onto the connector during rain or car washes, leading to a code that appears only in wet conditions.
- A weak battery or failing alternator can cause system voltage to sag below the threshold, triggering this code along with other unrelated symptoms.
- The control module may set this code if the actuator is commanded but the supply voltage drops under load, which can happen with a partially shorted actuator that still moves.

Can I keep driving with C062E?

It is generally safe to continue driving with this code because the active air dam is an efficiency device and does not affect engine cooling or safety in most conditions. Avoid high-speed driving if the dam is stuck deployed, as it may slightly reduce fuel economy, and have the fault inspected at your earliest convenience to prevent further wiring damage.



Tools that help

- Digital multimeter
- Test light
- Wire repair kit with crimpers and heat shrink
- Scan tool with bidirectional control capability
- Socket set and trim removal tools

Reading C062E

- C** Chassis: brakes, steering and suspension.
-
- 0** Generic (SAE) code: it means the same thing on every OBD-II vehicle.
-
- 6** Brakes, steering and suspension.
-
- 2E** The exact fault within that area.

Often seen with

C062D ABS Valves Range/Performance · **C062F** Active Air Dam Supply Voltage Circuit High · **C0630** Active Air Dam Stuck · **P0562** System Voltage Low · **U0121** Lost Communication With Anti-Lock Brake System (ABS) Control

See it working

Watch the animated explainer [How the EVAP System Works: Fuel Vapour and Leak Test](#) on Auto Veteran to see the parts involved moving.

Full guide, related articles and animations: <https://www.autoveteran.tech/dtc-codes/c062e/>

