

# 01-079 - AC Stops Blowing Cold Intermittently

6/23/2023

 [Edit](#)  [Clone](#)

---

01-079

## Subject

---

HVAC Intermittently Stops Blowing Cold Air

## Whats New Abstract

---

Added Quick Claim in place of long form.

## Introduction

---

The HVAC system, on model 579 and 567 vehicles manufactured since 1/20/2012 may have inadequate temperature control. The HVAC may intermittently stop blowing cold air, typically after a truck restart. Driver may notice the system returns to normal after key cycle.

## Revision

---

06/23/2023 - Revised bulletin to add second troubleshooting procedure, warranty, and parts information if ordering is required.

05/03/21 - Added Quick Claim in place of long form.

## Resolution

### Fix-as-Fail

If a customer comes into your dealership and demonstrates the condition above, follow the procedure below to update the HVAC software.

## Warranty

---

Through Standard Warranty Peterbilt will pay for labor:

- 0.3 hours labor to update the HVAC module software. File quick claim 01-079.
- 0.1 hours labor to unplug and re-plug main cab power at firewall under hood \*OR\* use cab disconnect to cut and reinstate power (includes wait time of 1 minute). **\*Note:** Do this only if the software update does not

resolve the issues mentioned in the introduction section of this bulletin. [See procedure for this in the Procedure section of this bulletin.](#)

- File an additional claim for extraordinary circumstances, referencing 01-079. A quick claim for standard labor must be filled first.

For Field...	Enter...
Failure Location	001-001-261
Failure Type	363
Claim Type	N
Labor	<p>SRT 045-066 0.3 hours to reflash CECU, ICU or Update ESA Parameters in chassis with 2010/2013/2017 emissions engines (includes clearing erroneous fault codes from programming).</p> <p>SRT B01-079 0.1 hours to unplug and re-plug main cab power at firewall *OR* use cab disconnect to cut and reinstate power (includes wait time of 1 minute).</p>

## Parts

Parts are available at PACCAR Parts.

If the software update and power disconnect/re-connect steps do not resolve the issues, a new HVAC control head can be ordered.

Quantity	Part Number	Description
1*	F21-1048-*****	Control – Cab HVAC
1*	Q21-6021-****	Control – Cab HVAC

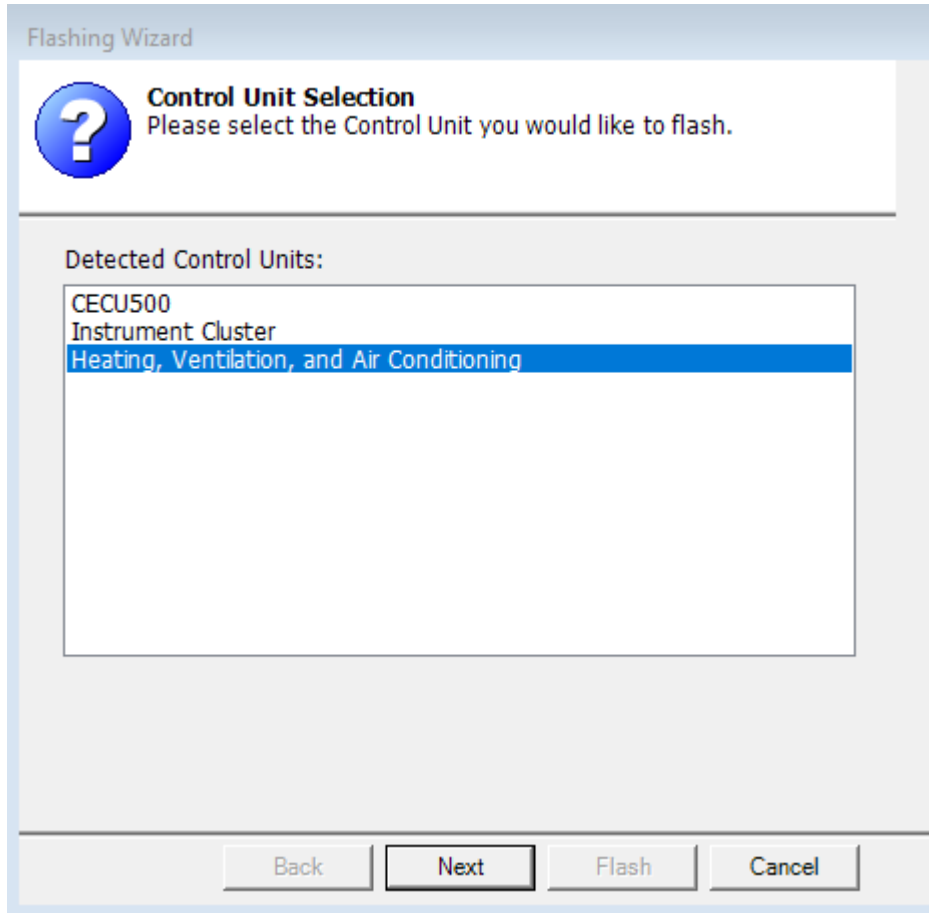
\*Order if software update and power disconnect/reconnect do not resolve issues. Choose variation needed based on unit installed in vehicle.

## Procedure

Follow the procedure below to update ESA to include the latest version of HVAC cab control software – P30-1033-109. Refer to bulletin [03-064](#) for ESA Update best practices.

1. Ensure ESA is up-to-date.
2. Connect ESA to the chassis.

3. Update the HVAC Controller software to the latest available version. In ESA, click Tools | Flashing, then select Heating, Ventilation, and Air Conditioning from the Flashing Wizard window.



4. Select the most current software version from the Version Selection window.

5. Click Flash to update the software.

6. Disconnect ESA.

If the software update does not solve the issues mentioned in the Introduction section of this bulletin, please try the following:

0.1 hours labor to perform the following:

- Wait 2 minutes after turning off vehicle.
- Disconnect and re-connect cab power (one of two ways):
  - Use cab disconnect switch (if equipped) to cut cab power, wait one minute, then reinstate cab power.
  - If not equipped with cab disconnect: unplug main cab power under the hood at the firewall, wait one minute, then plug back in.

If the software update and power cycle do not resolve the issues mentioned in the Introduction section of this bulletin, it may be necessary to order a new HVAC control head per the Parts section of this bulletin.