



Service Bulletin

01-076

Section

01 - HVAC

Description

Model 520 HVAC Recirculation Door

Release Date

4/8/2020

Introduction

Peterbilt has determined that certain model 520 trucks manufactured between 6/20/2017 and 8/10/2018 with LH and RH Steer may have a Recirculation Air Blend Door that does not work properly. There is an additional circuit in the HVAC wiring that could cause the controls for recirculation mode and fresh air mode to operate opposite of their intended function.

Resolution

Fix-as-Fail

If a customer comes into your dealership and demonstrates the condition above, use the procedure below to remove and seal the necessary wires.

Warranty

Through Standard Warranty, Peterbilt will pay for parts and labor:

- 3.0 hours labor to gain access to the necessary connectors, and remove and seal the necessary wires. File a long form claim
- File an additional claim for extraordinary circumstances, referencing 01076 in the CCC.

For Field...	Enter...
Failure Location	001-001-261
Failure Type	185
Claim Type	N
	SRT_001-060

Labor	3.0 hours to access and seal the necessary wires.
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Parts

Quantity	Part Number	Description
2	Source Locally	Heat Shrink Tubing

Procedure

1. Beginning on driver side remove screws from upper center dash panel and from the driver side of the center console as shown in Figure 1.

Figure 1



2. Remove driver side console switch connectors and group accordingly as shown in Figure 2.

Figure 2



3. Remove fire extinguisher and brackets over fuses and relays as shown in Figure 3.

Figure 3



4. Remove screws from panel shown in Figure 4.

Figure 4



5. Remove screws from the panel, console pad, and tray as shown in Figure 5. Remove screws from passenger side center panel just like the driver side.

Figure 5



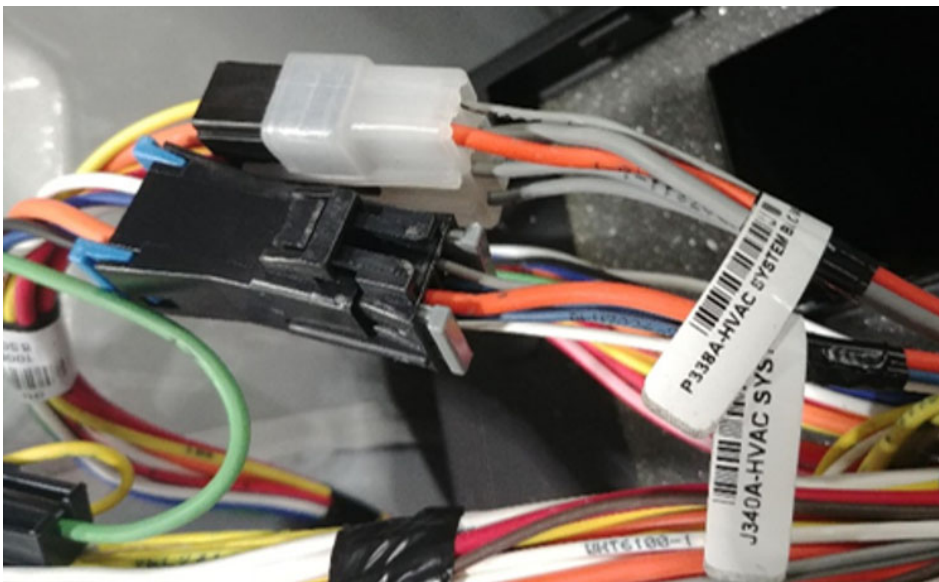
6. Prop up the center console, as shown in Figure 6, to access the two connectors going through the back panel.

Figure 6



7. The two connectors are on the passenger side at the back panel next to the fuse panel. The connections shown in Figure 7 are for Right Hand Steer.

Figure 7



8. Refer to the applicable section below for the removal of the wires from the indicated connectors.

RH Steer Configuration Wiring

1. Locate connectors J340A and P338A on the passenger side of the cab, above the HVAC main connection.
2. Remove wire GRA7223-3 from cavity "D" of connector J340A and seal the end of the wire with heat shrink tubing.
3. Remove wire GRA7223-1 from cavity "D" of connector P338A and seal the end of the wire with heat shrink tubing.

LH Steer Configuration Wiring

1. Locate connectors J340B and P338A on the passenger side of the cab, under the dash cluster and above the HVAC main connection.
2. Remove wire GRA7223-5 from cavity "D" of connector J340B and seal the end of the wire with heat shrink tubing.
3. Remove wire GRA7223-4 from cavity "D" of connector P338A and seal the end of the wire with heat shrink tubing.

Authored by: PR

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