



Volvo Chassis - Electronically Controlled Air Dryer System (ECADS) Building Too Much Air Pressure; Pressure Relief Valve Opening



Internal Content

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On a Volvo Chassis with this symptom follow these diagnostic steps:

1. While using Tech Tool confirm that you see a psi value in test FG5 for the primary air tank pressure, if none refer to SNV15-002 Meritor - Wabco ECAD - Electronically Controlled Air Dryer / Drier [here](#).
2. If nothing is found, next confirm that there are no circuit related issues from the sensor to the Vehicle Electronic Control Unit (VECU).
 - Pin 1 at the sensor is the 5 volt supply from the VECU pin B26
 - Pin 2 at the sensor is the air pressure signal return to the VECU pin B23 [here](#).
 - Air pressure to Voltage reference chart can be found [here](#).

Note: If the Pressure Relief Valve has popped off, it is recommended that it be replaced.

Tags [k30009547](#) [volvo](#) [safety valve](#) [ecads](#)

Categories

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Vehicle System > Air System

Related links and attachments

[SNV15-002 Wabco Air Dryer Letter](#)

[ECAD Sensor Voltage \(1\)](#)

[air psi sensor AM \(7\)](#)



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PSI	Voltage
0	0.3
10	0.5
20	0.7
30	0.9
40	1.1
50	1.3
60	1.5
70	1.7
80	1.9
90	2.1
100	2.3
110	2.5
120	2.7
130	2.9
140	3.1
150	3.3
160	3.5
170	3.7
180	3.9
190	4.1
200	4.3
210	4.5
220	4.7

