

2017 p3 cascadia where is ambient air...



[Jon Pedley](#) 52 posts since Nov 13, 2014

2017 p3 cascadia where is ambient air temp sensor Sep 10, 2018 4:26 PM

not in mirror or behind bumper, looking for ambient air temp sensor for p3 Cascadia vin hx0302



[Robert Cadell Jr](#) 2,639 posts since Nov 9, 2014

Re: 2017 p3 cascadia where is ambient air temp sensor Sep 11, 2018 12:52 PM

you could also pull the install drawing for the sensor



[Robert Cadell Jr](#) 2,639 posts since Nov 9, 2014

Re: 2017 p3 cascadia where is ambient air temp sensor Sep 12, 2018 2:31 PM

also in part pro you can type in AAT in the search the module will pop up



[Nicholas Osstyn](#) 4 posts since Jan 5, 2016

Re: 2017 p3 cascadia where is ambient air temp sensor Sep 12, 2018 3:10 PM

Also you could look at Detroit Diesel service bulletin 16 TS 17 and it shows the locations for Cascadia, Coronado, 5700XE, 4700/4900.



[Kyle Siebert](#) 3,999 posts since Nov 14, 2014

Re: 2017 p3 cascadia where is ambient air temp sensor Sep 12, 2018 6:43 PM

What computer is setting this code? Or broadcasting the wrong temp. It could be a incorrect parameter.

That module [Eric Bloom](#) is talking about is 744 for the left mirror. A22-61257-015 part number for the mirror description is MIR-MAIN,EVO,BRT,AAT,HDEP,LH

AAT means Ambient Air Temp. So it could be that someone put in the wrong mirror assembly, maybe. But it should be sticking out the bottom of the mirror. Usually accessible with a low profile bit driver and positioning the convex mirror all the way to the right.



[Justin Johnson](#) 981 posts since May 12, 2017

Re: 2017 p3 cascadia where is ambient air temp sensor Sep 25, 2018 3:16 AM

Did you find it Steve?



[Larry Kipfinger](#) 5 posts since Nov 17, 2014

2017 p3 cascadia where is ambient air...

Re: 2017 p3 cascadia where is ambient air temp sensor Sep 30, 2020 12:11 PM

Im having the same problem. HS7889 cant find the AAT, not in PartsPro. I see the harness from the CPC to the door A06-91163-000 Circuit 472Y but the vehicle does not list the AAT sensor no matter how you search(door, mirror, AAT, Ambient) any idea where it would be?



[Ben Pinkin](#) 13 posts since Nov 10, 2014

Re: 2017 p3 cascadia where is ambient air temp sensor Oct 1, 2020 12:45 PM

Check module 01-038, wiring engine controls. DDE 23518328



[Kyle Siebert](#) 3,999 posts since Nov 14, 2014

Re: 2017 p3 cascadia where is ambient air temp sensor Oct 1, 2020 6:00 PM

Module 283, search air.

Below that part it says check module mirror. So I believe it's behind the bottom left corner of the lower mirror on driver side.



[Ben Pinkin](#) 13 posts since Nov 10, 2014

Re: 2017 p3 cascadia where is ambient air temp sensor Oct 1, 2020 6:16 PM

yes, I fat fingered the module. I intended to write 01-**238**



[Ben Pinkin](#) 13 posts since Nov 10, 2014

Re: 2017 p3 cascadia where is ambient air temp sensor Oct 1, 2020 6:17 PM

Wow! I fat fingered it again or just dyslexic . **01-283**

Just listen to Kyle. He's right...



[Larry Kipfinger](#) 5 posts since Nov 17, 2014

Re: 2017 p3 cascadia where is ambient air temp sensor Oct 2, 2020 11:55 AM

Thanks. I had to pay more attention. Thank you everyone.



[Chris Vanboom](#) 144 posts since Nov 21, 2014

Re: 2017 p3 cascadia where is ambient air temp sensor Oct 2, 2020 5:34 PM

The Optimized Idle ambient temperature sensors are tied to the chassis harness in the RH frame rail below the 5th wheel. The OI ambient temp sensors are installed in addition to the usual AAT's for the ICU and SAM modules. We have had a few cases where we traced the AAT sensor circuit for a code that was actually related to the OI ambient temp sensor.

Just my 2 cents - in case anyone reads this thread looking for clarification on ambient temp sensor locations.

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[Kyle Siebert](#) 3,999 posts since Nov 14, 2014

Re: 2017 p3 cascadia where is ambient air temp sensor Oct 2, 2020 6:29 PM

True, I forgot to ask the infamous question. Why are you looking for a ambient temp sensor? Most trucks have multiple ambient temp sensors.