

New Cascadia disc brake tone rings



[Roger Crow](#) 1 posts since Dec 30, 2019

New Cascadia disc brake tone rings Jan 25, 2021 3:57 PM

Was wondering if anyone else is having issues with ABS tone rings on 2020 P4 disc brakes. I have 2 trucks so far in a fleet I service that rust is building up on the rotor and pushing the tone ring out and causing the retainer ring to come off resulting in a code for tooth count. I have included a couple pictures. Vin MD5801 I have taken all four drives off because of this and cleaned up the rotors and replaced tone rings and retainers. VIN MD5796 I have only done one wheel so far. Expecting other wheels to throw codes shortly.

- [IMG_0147.jpg](#) 107.1 KB
- [IMG_0148.jpg](#) 75.1 KB



[Talbert Simonian](#) 1,850 posts since Nov 21, 2014

Re: New Cascadia disc brake tone rings Jan 26, 2021 1:03 AM

I have only seen this on units that are in rough elements. Lots of cold and water does cause issues. I would see about making a DPR on a issue like this. What is the vocation of the units? Lots of snow?



[Sean Evans](#) 472 posts since Nov 12, 2014

Re: New Cascadia disc brake tone rings Jan 26, 2021 1:45 AM

Yes [Talbert Simonian](#), they are milk haulers running backroads in upstate NY, so lots of snow and ice, lots of road deicer like salt, calcium chloride, etc.



[Talbert Simonian](#) 1,850 posts since Nov 21, 2014

Re: New Cascadia disc brake tone rings Jan 26, 2021 7:37 PM

Check wheel ends for play.



[Morgan Barnes](#) 18 posts since Mar 8, 2016

Re: New Cascadia disc brake tone rings Jan 28, 2021 12:07 PM

I HAVE ENCOUNTERED THIS ABS ISSUE SEVERAL TIMES NOW. DOES NOT MATTER WHETHER ITS ON LINEHAUL OR VOCATIONAL. IT'S A VERY POOR DESIGN. ENDED UP EITHER GRINDING THE RUST OFF OF ROTOR AND GETTING NEW TONE RING, SO IT WOULD SIT FLUSH ON ROTOR. OR WE WOULD JUST GET A NEW ROTOR, TONE RING, AND SNAP RING.