# Detroit Assurance Radar Picking Up...

John Turner 5 posts since Dec 22, 2014

**Detroit Assurance Radar Picking Up Overhead Signs** Sep 13, 2017 7:03 PM

I have a fleet in my area that is currently experiencing a collision avoidance events (warnings on the dash and active brake assistance events) when under bridges or under overhead signs. As it is described to me the vehicle is traveling up hill with the signs or bridges at the top of the hill. I would believe it to be the nature of the beast due to the incline of the vehicle and the object coming into the 600ft radar range.

I have run the Assurance Radar Alignment procedure and road tested after a successful realignment with no issue. However the driver, the next day, said the issue is still there. Verified the camera parameter and camera placement on the windshield. There were no active faults at the time I looked at it.

Curious if anyone has experienced anything like this? Or has any further troubleshooting or fixes? Any help is greatly appreciated.

Vehicle Info
VIN: HS8040
MILES: 25,856

Thanks,
JT
Tags: detriot assurance

Ernest Acevedo *8 posts since Jul 19, 2016*

**Re: Detroit Assurance Radar Picking Up Overhead Signs** Sep 14, 2017 7:17 PM

One of the first things you should check is the bracket to the radar. There is plastic fitting that holds it in place that snap pretty often which messes up the alignment of the radar thus causing false readings.

Robert Cadell Jr *2,783 posts since Nov 9, 2014*

**Re: Detroit Assurance Radar Picking Up Overhead Signs** Oct 20, 2017 12:51 PM

the plastic snaps your referring to is on the older wabco onguard gen 2 set up if I remember right,  the gen 3 onguard and Detroit assurance is a solid mount radar.

John Turner *5 posts since Dec 22, 2014*

**Re: Detroit Assurance Radar Picking Up Overhead Signs** Oct 19, 2017 4:56 PM

I have gone thru several of this customers units. Checking for active codes, checking the camera parameter, camera mounting location, removed the bumper and check the radar mount and wiring. No issues found with

any of previously mentioned steps. Took each unit out and ran the radar alignment procedure. Procedure would complete and I would road test back with no issues with the system. The drivers have reported that there have been less issues with the system after running the procedure.

HOWEVER... there have been some locations in the their routes that the system would warn of collision or even apply the brakes even tho the driver is in full control and the collision will not happen (jersey barriers at the entrance of a traffic circle). They have swapped trucks and the swapped truck had the same reaction to the surroundings.

This issue seems to be better with the re alignment procedure even tho there are limitations to the system.

Robert Cadell Jr *2,783 posts since Nov 9, 2014*

**Re: Detroit Assurance Radar Picking Up Overhead Signs** Oct 20, 2017 12:50 PM

on a smart phone you can download a app called leveler pro,  its free,  I use it all the time it shows digital readings very easy to read takes about 15 seconds to open and run, ,  make sure the bracket is at 90 degrees + or - 2 degrees I believe,  for the radar,

Kyle Siebert *4,101 posts since Nov 14, 2014*

**Re: Detroit Assurance Radar Picking Up Overhead Signs** Oct 21, 2017 1:55 AM

i kinda get the feeling that radar is being used more and more that, customers complaints and big companies complaints will lead to villages and cities having to do something about these areas of concern.  Squeeky wheel gets the grease.

Andrew Dixon *14 posts since Nov 26, 2014*

**Re: Detroit Assurance Radar Picking Up Overhead Signs** Jan 29, 2021 2:01 PM

I have been having this issue off and on with a few fleet trucks. I was wondering if it had anything to do with the calibration procedure not seeing things like overhead signs and bridges, jersey barriers, in my area we have fairly flat straight highway and few overpasses. so everything works as it should but seems to be when the driver get to a heavily populated area the truck acts like a tourist that never seen these things before and will lock the brakes and give warnings at random times. One driver even stated that it happened to him on a straight highway crossing the parries flat ground and no signs.