

wipers only work on high?



[Jake Armstrong](#) 8 posts since Jul 30, 2019

wipers only work on high? Oct 8, 2020 8:23 PM

have 2 c2 buses now 2013 and 2014. both wipers only work on high. have tried the following, new stalker switch,new icu,have checked relay for power+ground,tried new motor,checked power and ground at motor,checked parking function, checked j1939 from dash to bulkhead,checked output from bulkhead. can see input and output on service link.output shuts off after a couple seconds, input stays on. at a total loss any help would be appreciated.#c2

Tags: wipers, school bus, c2 buss



[Kyle Siebert](#) 4,010 posts since Nov 14, 2014

Re: wipers only work on high? Oct 8, 2020 9:29 PM

Check vbatts. I believe the busses use the chm for wipers. I like to use the datalink monitor application for monitoring chm or BHM vbatts.

Find the datalink monitor application in C:\Users\Public\Daimler\ServiceLink\CAESAR

You should be able to use the CHEC tool or diagnostic link to get circuit to pin reports to find what pin uses the wiper low and intermediate circuits. That's if the vbatts are good. If you have a low vbatt voltage obviously check for open or short to ground/blown fuse.



[Kyle Siebert](#) 4,010 posts since Nov 14, 2014

Re: wipers only work on high? Oct 8, 2020 9:31 PM

You should supply last 6 of the vin when posting too.



[Michael Palumbo](#) 1,455 posts since Nov 13, 2014

Re: wipers only work on high? Oct 8, 2020 10:36 PM

C2 WM 82.00.050 General info describes wiper motor operation and refers you to 82.00.400 for I/O conditions. 82.00.400 Specifications also contains a wiring schematic. I would be suspicious of wires 315L low speed and 315h high speed.

82.00.300 Troubleshooting looks less helpful.



[Kyle Siebert](#) 4,010 posts since Nov 14, 2014

Re: wipers only work on high? Oct 8, 2020 11:22 PM

Chec shows 315L as B3.H

I suspect F18 for VBAT3 is blown or open circuit to B1.N

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These are both to the BHM not the CHM. Thanks for the circuit numbers Mike.



[Jake Armstrong](#) 8 posts since Jul 30, 2019

Re: wipers only work on high? Oct 9, 2020 1:11 PM

Sorry. I assumed this bus would have the same thing wrong with it as the first one I worked on. The first one all v bats and fuses were good. This one vbat 3 was corroded and needed repaired. Thank you all for the info and sorry for the inconvenience.

Jacob Armstrong



[Kyle Siebert](#) 4,010 posts since Nov 14, 2014

Re: wipers only work on high? Oct 9, 2020 3:19 PM

It's not a inconvenience at all. Glad you found your issue.



[Jake Armstrong](#) 8 posts since Jul 30, 2019

Re: wipers only work on high? Oct 9, 2020 3:29 PM

Thank you.

Jacob Armstrong