

Cannot Communicate With ACM & MCM



[Anthony Kasper](#) 20 posts since Aug 26, 2020

Cannot Communicate With ACM & MCM Feb 4, 2021 2:45 AM

Cannot connect with ACM or MCM. Not on roll call. CPC and others do populate.

Good Power and Ground at CPC, MCM, ACM, PT can .5 ohms from each module to Star Point. Have not load tested any wires.

I can communicate to MCM When I remove the 4 pin connector at PNDB (sends power to ACM) Tried sending direct fuses power to ACM and no luck. Tried test MCM, ACM and CPC (one at a time)

any help would be appreciated, now thinking maybe faulty starpoint or even CGW.

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Tags: acm, mcm, no communication, lost communication, cannot communicate, roll call



[Talbert Simonian](#) 1,880 posts since Nov 21, 2014

Re: Cannot Communicate With ACM & MCM Feb 4, 2021 4:33 AM

When you tried the test modules. What was the results? Is the PT Can shorted to ground?



[Anthony Kasper](#) 20 posts since Aug 26, 2020

Re: Cannot Communicate With ACM & MCM Feb 4, 2021 11:51 AM

After trying test modules I'm still unable to connect to them with everything plugged in as it should. I'm still a little confused on why if I remove the 4 pin connector at the PNDB (removing batt power to ACM among the other 3 wires whatever they go to) I can talk to the MCM. Maybe have an issue with ACM PT can? I did not check to ground I just ohm'd out the wires for ACM PT can from star point to the ACM



[Michael Palumbo](#) 1,620 posts since Nov 13, 2014

Re: Cannot Communicate With ACM & MCM Feb 4, 2021 11:44 AM

See if this helps [ghg17 ACM one box harness rub thru from lack of friction tape Intermittent 625/9 and 1231/9](#)



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Re: Cannot Communicate With ACM & MCM Feb 4, 2021 11:52 AM

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Thanks but this is for GHG17, I have a 14 where the ACM is not mounted on the 1-BOX.



[Jesse Gutierrez](#) 496 posts since Mar 5, 2017

Re: Cannot Communicate With ACM & MCM Feb 5, 2021 6:19 AM

Have you tried completely disconnecting the ACM and seeing if you can connect to the CPC/MCM ? Very Possible your ACM has failed and crashes the network



[Kyle Siebert](#) 4,151 posts since Nov 14, 2014

Re: Cannot Communicate With ACM & MCM Feb 7, 2021 4:37 AM

Make sure the Powertrian ECUs have the correct part numbers. Could be a EPA10 acm or ghg17 acm installed and throwing things off. Those harnesses were notorious for testing perfectly fine on a ghg14 and still not communicating.



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Re: Cannot Communicate With ACM & MCM Feb 7, 2021 5:34 PM

Thanks everyone for your input, I wound up finding a rub spot in the harness going to the ACM. Right above the battery box on top of the frame rail right where it starts to dip down as it starts to route inside the frame rail. Had damaged CAN wires, they Ohm'd good during my initial test, but I guess they were shorting or just not holding the load.