

Location of terminating resistor on...



[Nc Wenatchee \(area 1\)](#) 6 posts since Sep 29, 2016

Location of terminating resistor on 2010 M2? Feb 3, 2021 11:17 PM

Working on a 2010 M2 Business Class with Cummins and Allison automatic transmission. I measured my resistance on pin c and d at the diagnostic connector and I have 120 ohms. I found the terminating resistor up in the center of the dash, it checked out good. According to the service manual there are 2 terminating resistors. Does anyone know where the second one is located. Thanks in advance.



[Talbert Simonian](#) 1,881 posts since Nov 21, 2014

Re: Location of terminating resistor on 2010 M2? Feb 4, 2021 12:58 AM

Check the left hand side behind the dash I believe there is one there. Do you have a VIN?



[Nc Wenatchee \(area 1\)](#) 6 posts since Sep 29, 2016

Re: Location of terminating resistor on 2010 M2? Feb 4, 2021 2:06 PM

Vin number is 1FVACXDT5BDAY0830



[Chaz Trimble](#) 1,370 posts since Feb 2, 2015

Re: Location of terminating resistor on 2010 M2? Feb 4, 2021 1:11 AM

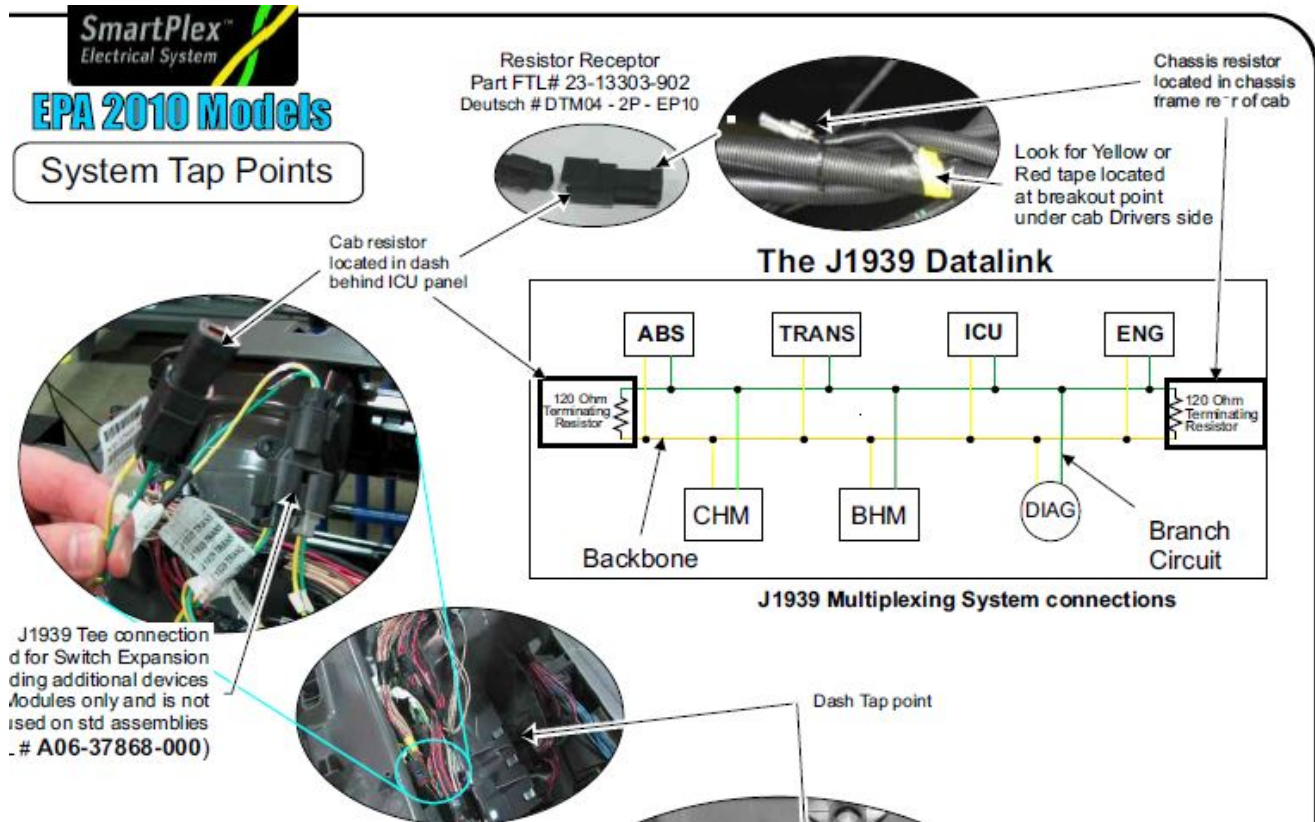
Agree, need a VIN to be sure. Terminating resistors cap the end of the J1939 backbone so think of the two furthest ends of the datalink. Usually there is one by the 9 pin diagnostic connector and one in the drivers side frame rail near the transmission. You could have an open connection in the back bone as well. What modules are not communicating?



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

Re: Location of terminating resistor on 2010 M2? Feb 4, 2021 2:37 AM

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Robert Cadell Jr 2,837 posts since Nov 9, 2014

Re: Location of terminating resistor on 2010 M2? Feb 4, 2021 6:03 PM

one should be in the dash as [Talbert Simonian](#) said and [Michael Palumbo](#) shared the page out of the M2 guide.

There is a 2nd resistor usually in the Drivers side from rail right at the PTO, if equipped. Your wiring will be white with yellow and green tracers for 500 K and if a 250 K set up will be yellow and green. Please see Module 160 also for additional help.



Blake Austin 25 posts since Jan 25, 2017

Re: Location of terminating resistor on 2010 M2? Feb 5, 2021 2:24 PM

ANOTHER LOCATION IS BEHIND AND TO THE RIGHT OF THE RADIO. D06-76108-001 PG 10 SHOWS THE LOCATION OF THE ONE IN THE FRAME. A06-71941-001 SHOWS THE LOCATION OF THE DASH RESISTOR ON PG 1 AT J-10.



Garrett Leonard 3 posts since Jan 28, 2015

Re: Location of terminating resistor on 2010 M2? Feb 12, 2021 3:30 PM

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According to the diagram A06-75007-000 for your serial number it shows to be in drivers side frame like others have said where the PTO mounts. Look for a 10 cavity plug with your datalink wires going from harness in frame to harness on trans can be found near it.