

NEW M2 DD8 TURBO OUTLET TEMP SENSOR...



[Preston Edwards](#) 4 posts since Mar 10, 2019

NEW M2 DD8 TURBO OUTLET TEMP SENSOR 2629/10 Mar 2, 2020 10:42 PM

WE HAVE A NEW M2 WITH A DD8 WITH REOCCURRING CODE 2629/10

VIN: LL1994 MILES: 781 CSC REF# 6696030

FOLLOWING DIAG WE HAVE INSTALLED 3 NEW TURBO OUTLET TEMP SENSORS (DUAL STAGE TURBO DD8), GOT CSC INVOLVED AFTER 3RD SENSOR DID NOT FIX IT AND TRUCK CHECKLIGHTED WHEN CUSTOMER CAME TO PICK IT UP, FOUND THAT IN DIAGNOSTIC LINK UNDER INSTRUMENTATIONS TAB THE MCM SHOWS NO ACTUAL VALUES FOR TURBO TEMP OUTLET SENSOR ALMOST AS IF THERE IS SUPPOSE TO BE A SENSOR BUT IT IS NOT RECOGNIZED, IT SHOWS A MIN AND MAX VALUE BUT NO READINGS ON ACTUAL VALUE, CSC HAD ME INSTALL A TEST MCM AND UPDATE OTHER CONTROL MODS AS WELL, FOUND THE GROUND CIRCUIT WAS SHARED WITH INTAKE MANIFOLD TEMP SENSOR SO WE INSTALLED NEW INTAKE TEMP SENSOR, WE LOAD TESTED CIRCUITS WITH 12VLTs USING 55W HEADLIGHT BULB BOTH SIGNAL AND GROUNDS ON THE INTAKE AND TURBO OUT SENSOR, HARNESS CHECKED GOOD BUT CSC SAID TO REPLACE HARNESS ANYWAYS, REPLACED HARNESS AND HAVE SAME ISSUE NO CHANGES, SO NOW IT HAS NEW MCM, BOTH TEMP SENSORS, AND NEW HARNESS WITH NO PROGRESS, WENT THROUGH PARAMETERS AND SEEN NOTHING FOR THE DUAL STAGE TURBO OR OUTLET TEMP SENSOR, CSC HAS THEIR ENGINEERS LOOKING INTO IT AT THE MOMENT BUT WANT TO KNOW IF ANYONE ELSE HAS SEEN THIS ISSUE? ONLY THOUGHT I HAVE AT THE MOMENT IS POSSIBLY SOFTWARE MAY MATCH VIN BUT NOT MATCH ACTUAL ENGINE SPECS THUS WHY TRUCK WILL NOT READ SENSOR READ OUTS. ANY THOUGHTS?



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

Re: NEW M2 DD8 TURBO OUTLET TEMP SENSOR 2629/10 Mar 9, 2020 9:46 PM

Has CSC gotten back to you on this issue?



[Preston Edwards](#) 4 posts since Mar 10, 2019

Re: NEW M2 DD8 TURBO OUTLET TEMP SENSOR 2629/10 Mar 16, 2020 2:56 PM

CSC HAD CONTACTED US BACK, THEY HAD US RUN A COUPLE MORE TESTS, TRUCK DOES STILL CHECK LIGHT AFTER LETTING IT COLD SOAK OVER NIGHT. HOWEVER, WE CAN NEVER HOOK UP FAST ENOUGH TO HAVE IT ACTIVE ON THE LAPTOP HOWEVER ITS A PERMANENT CODE THAT LEAVE MIL LIGHT ON. LATEST TEST IS CSC HAD US UNPLUG TURBO OUT SENSOR AND SEE IF INTAKE TEMP SENSOR SPIKED, INTAKE TEMP SENSOR RISES TO 140 DEGREES WHEN UNPLUGGED WITH NO EFFECT ON TURBO OUTLET TEMP. UNPLUG TURBO OUT AND DROPS TO -40 DEGREES BUT DOES NOT EFFECT THE INTAKE MANIFOLD TEMP, WE ASKED CSC WHAT THE TEST WAS TO

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CHECK AND WHAT THE SPIKE INDICATED, THEY COULD NOT GIVE AN ANSWER. WE HAVE OUR REP INVOLVED BUT STILL NO ANSWERS.



[Preston Edwards](#) 4 posts since Mar 10, 2019

Re: NEW M2 DD8 TURBO OUTLET TEMP SENSOR 2629/10 Mar 16, 2020 5:55 PM

TRUCK IS NOW FIXED. CSC HAD US GO INTO PROGRAM DEVICE, GO TO SOFTWARE TAB AND HIT REFRESH, PROGRAMMED THE MCM AGAIN BUT THEN HAD US DISCONNECT BATTERIES AFTERWARDS AND WAIT 5 MINUTES, RECONNECTED BATTERIES AND NOW SENSORS ARE READING CORRECT, APPARENTLY THEY ARE SEEING A LOT OF THIS JUST RECENTLY THAT TRUCKS ARE SHOWING THAT SOFTWARE HAS BEEN UPDATED AND DATASETS ARE CORRECT BUT THEY ACTUALLY ARE NOT GETTING ALL INFO DOWNLOADED. THEY ARE HAVING LOTS OF PROBLEMS WITH THE NEWEST SOFTWARE ON THE NEW TRUCKS. CSC SAID THAT ANOTHER TECH HAD SAME ISSUE WITH COOLANT SENSOR AND THEY REPLACED EVERYTHING WE DID PLUS A CPC BEFORE THEY TRIED THIS. HOPE IT HELPS. DEFINETELY A LEARNING EXPERIENCE ON OUR END. NEW TRUCKS WITH NEW ISSUES.



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

Re: NEW M2 DD8 TURBO OUTLET TEMP SENSOR 2629/10 Mar 17, 2020 1:25 AM

Thanks for the update. When you updated the software. Did you go to latest or OEM settings?



[Preston Edwards](#) 4 posts since Mar 10, 2019

Re: NEW M2 DD8 TURBO OUTLET TEMP SENSOR 2629/10 Mar 17, 2020 3:14 AM

This last time we went to oem settings but only due to the fact of how new the truck was and the latest was an upload from server that csc had changed things to improve pto operation. This truck doesnt have a pto but they seen the company name air gas and assumed it was a tanker. Its a truck for hauling oxygen and acetylene bottles.



[Andrew Dixon](#) 15 posts since Nov 26, 2014

Re: NEW M2 DD8 TURBO OUTLET TEMP SENSOR 2629/10 Mar 31, 2020 1:32 PM

Ran into this issue on a unit that was just delivered with 10km on it. Reprogramed it as stated above. Let unit sit outside all night and started the next morning no more MIL light.



[Mark Smith II](#) 111 posts since Nov 14, 2014

Re: NEW M2 DD8 TURBO OUTLET TEMP SENSOR 2629/10 Dec 16, 2020 1:22 PM

Same issue here, MR5178 with 582 miles. Thanks for this! This is the same one that we had to remove and tear down the engine twice with weird head gasket and other oil leaks.



[Silas McAllister](#) 5 posts since Oct 10, 2017

NEW M2 DD8 TURBO OUTLET TEMP SENSOR...

Re: NEW M2 DD8 TURBO OUTLET TEMP SENSOR 2629/10 Dec 17, 2020 1:38 PM

Been seeing this issue a lot lately with the cold weather starting in the Northeast. Started a case yesterday and I got a reply back to see TS bulletin [20TS-08](#). It saying that they know there is an issue and if there is no damage found that there will be new software released in early 2021 to correct the issue.



[Mark Smith II](#) 111 posts since Nov 14, 2014

Re: NEW M2 DD8 TURBO OUTLET TEMP SENSOR 2629/10 Dec 18, 2020 3:50 PM

The unit I mentioned in my above post from the other day just came back this morning with the same problem. It has been here 5 times now for this code. When I posted about it it was the first time that I had been put on it and I tried that reprogram. So I printed that bulletin you linked, now we can tell the customer they'll have to ignore the light for a few months, lol



[Silas McAllister](#) 5 posts since Oct 10, 2017

Re: NEW M2 DD8 TURBO OUTLET TEMP SENSOR 2629/10 Feb 10, 2021 9:16 PM

There has been an update to the service bulletin. Now it goes to a [20TS-08 Rev](#). Which has you update the MCM and ACM.