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> J1939 DATALINK FALIURE CODES 639/14

Options



 Roger_Portillo
Apprentice

01-20-2020 01:45 PM

J1939 DATALINK FALIURE CODES 639/14

Hello guys this may be helpful customer complaint check engine light on, mil light on and check engine light on active, unit was towed in to the shop found active codes for 639/14 datalink failure on cpc and mcm no much ts is provided with the code, removed the dash panels cover to access the cpc, used test cpc code still active, inspected the can wiring to the cpc inspected the can coupler connector found knot wires routed incorrectly, continue to inspect found CAN- HI (Y) wire stretched, inspect wire and round wires torn internally creating DATA LINK CONNECTION FAILURE. repaired the

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wire and found



inactive codes.



Labels :

Power | Electrical | Harnesses | and Wiring

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18 Replies

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Kyle_Siebert
Optimus Prime

01-20-2020 01:51 PM



Its really weird when the MCM is throwing a fault for J1939. If you see any other code with no diag for them please post them to [Need Info for Missing Fault codes](#).

Thanks for sharing.

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Roger_Portillo
Apprentice

01-20-2020 01:55 PM

will do thank you.

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[Reply](#)**Talbert_Simonia**

King Pin

01-20-2020 03:52 PM

The MCM is not seeing the CPC. That's why it throws the code.

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0 Kudos

[Reply](#)**Jesse_Gutierrez**

Solutions Pro

01-20-2020 04:18 PM

I have ran into this issue with swift they have ton of truck with this module

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2 Kudos

[Reply](#)**Roger_Portillo**

Apprentice

01-21-2020 06:11 PM

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Hey Jesse this was actually found in a swift unit it. It means I may see this issue more often. Thanks for the info

Add tags



1 Kudo

Reply



Jesse_Gutierrez
Solutions Pro

01-21-2020 06:54 PM

Roger , yes I have seen them in a few swift units mostly the owner operators that lease from swift

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0 Kudos

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Bill_Schadler
Lube Tech

07-27-2020 08:26 AM

IS IT ON P4S AND WHERE IS THE LOCATION IF I MAY ASK

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Jesse_Gutierrez
Solutions Pro

07-27-2020 08:36 AM

They normally hide them behind the E-vault dash panel, near the floor on the passenger side, I find the wires pinched, cut , typically stuff like that

Add tags



0 Kudos

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Michael_Palumbo
King Pin

07-27-2020 10:36 AM

On the p4s I installed LYTX on, they are behind the right lower a-pillar cover panel. Just before or just after the dash to overhead harness connection.

Whether you think you can or you think you can't, you're right. —

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Steve_Reppard
Piston Head

07-28-2020 06:07 AM

Us too, this module is a piece of junk TBH, the way they "tap" into the can datalink is just cheap

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0 Kudos

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 Michael_Palumbo
King Pin

07-28-2020 06:41 AM

I remove the black electrical tape that is about 3 inches away from the connector then transfer three twists towards the connector and re-tape. After that I install the LYTX device on the side of the tape away from the connector to hopefully remove stress from the connector pins.

Whether you think you can or you think you can't, you're right. — Henry Ford

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1 Kudo

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Jerome_Mechanic
Apprentice

01-22-2020 12:30 PM

Truck info?

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0 Kudos

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Joe_Pitre
Lube Tech

02-11-2020 07:05 AM

HAS ANYONE HAD ONLY THOSE THOSE CODES NO LIGHTS ON ALONG WITH NOT COMMUNICATING TO ICUC AND MILEAGE NOT CALCULATING?

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0 Kudos

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Kyle_Siebert
Optimus Prime

02-11-2020 08:42 AM

Is that the only thing wrong with the icu? A communication issue to the icu should have tons of missing gauges. Maybe you are having parameter issues in the ICU, MCM, CPC or CGW. Has anything been programmed recently? What is the last 6 of

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your vin?

Just to confirm, you only have 639/14 code in MCM and CPC?

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Joe_Pitre

Lube Tech

02-11-2020 11:33 AM

LJ8068 AND I JUST GOT ON THIS TRUCK TODAY SO NOT REALLY SURE I
HADNT PROGRAMMED ANYTHING JUST GHOING OFF OF CUSTOMER
COMPLAINT OF MILEAGE NOT CALCULATING

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0 Kudos

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Cloyd_Baker

Lube Tech

02-13-2020 07:44 AM

This hopefully will be very helpful as I'm having the very same issue with the 639/14 code only difference is mine comes and goes. My 2012 Cascadia I got thru Schneider. Could this be because of their communication device (MCP200) installation? Also, where to find the J1939 Network Schematics?

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 Michael_Palumbo
King Pin

02-13-2020 08:11 AM



For those that don't already know what that module is, it is an inductive pickup for the Lytx DriveCam. If you have this camera in the windshield, then you have that module. The purpose of that module is read only, sensing brake and turn signal applications. But of course it is not supposed to be installed in a manner that pulls on the CAN wiring and terminals.



Whether you think you can or you think you can't, you're right. — Henry Ford

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Brandon_Speck

Lube Tech

05-14-2021 10:58 AM



Here I found they routed their own ELD and shoved the original in the dash loose. In turn was rubbing on the steering shaft and grounding out the yellow wire causing the same

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two codes.



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