

DTNA Solutions > Discussions and Feedback > Tech Talk > hill start aid disable function



+ Randall_Boley

New User

04-25-2019 06:21 AM

hill start aid disable function

2013 Cascadia FR0835. came in with check trans abs and wheel spin lights on. when I press hill start aid disable button trans loses communication with abs module and abs module faults for low ignition voltage. I monitored abs ignition voltage while pressing hsa disable button and voltage stays at 12.4v. has anyone else seen this before?

Labels :

Cascadia

Electronics | Controls | Configuration | Communication | and Diagnostics

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Kyle_Siebert

Techie Technician

04-25-2019 07:14 AM

What about abs battery and ground voltages when this is done?

Does the ABS ECU self test on key on?

What kind of trans does this have?

Are your J1939 voltages correct around 2.6-2.8 high side and 2.4 to 2.2 low side? How about when the hill start button is pushed?

j1939 resistance around 60 ohms across high and low with batteries disconnected? Over 3k ohm to ground on j1939?

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New User

04-25-2019 07:37 AM

yes batt and ground voltages remain 12.4 when this happens
has a eaton auto shift trans
j1939 resistance is 62 ohms and over 3k ohm to ground on both sides
also j1939 voltages are correct

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New User

04-25-2019 07:38 AM

abs ecu does selftest at key on

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Clayton_Campbel

Wrench Turner

a week ago

SB 54-302

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