

# 2020 Western Star 4800 signal lights...

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[Jason Hinde](#) 4 posts since Mar 14, 2019

**2020 Western Star 4800 signal lights dim to start** Feb 3, 2021 9:03 PM

We are looking at a 2020 Western Star that a customer dropped off with VIN LH9169. The complaint is the signal lights are dim when first activated (both front and rear lights). They flash dim for about 5 flashes then get bright; as if for the first 5 flashes it is just the running light coming on, then on the 6th flash the brake light comes on (combination light). If the lights are cancelled and reactivated they work fine, it only happens after the truck has sat for 5 minutes or so. The problem happens with both the left and right selections as well as with the 4 ways. If the headlights (marker lights) are turned on, the issue is still there. A service brake application will activate the rear tail lights normally. The front hood signals are OEM units.

We have tried a known good turn signal stat as well as ECC module with no change. We have load tested the power to the ECC, and checked ground - all are OK. We have changed out the LED bulbs for incandescent, no change.

If we unplug the right front signal, the right rear signal functions normally, but the left still starts off dim; as if by cutting the circuit load down allows the light to come on brighter. This same rule applies on the left side. All wiring to lights will support 3 amp loads when testing. We haven't found a "good" way to check the ECC pulsed signal - we tried with a load lamp and the light will come on and pulse at what seems like a normal brightness - so we have somewhat ruled that out.

Has anyone run into something like this before? Any thoughts?



[Scott Trippel](#) 4,094 posts since Dec 13, 2014

**Re: 2020 Western Star 4800 signal lights dim to start** Feb 4, 2021 12:05 AM

Does it have a self resetting breaker in the flasher position F5 20 amp?

If it is the silver or gold breakers with a resistor, I would try a regular ATO fuse and see if it does the same thing.

I have had those breakers not deliver proper voltage