

CTIS Wheel Info

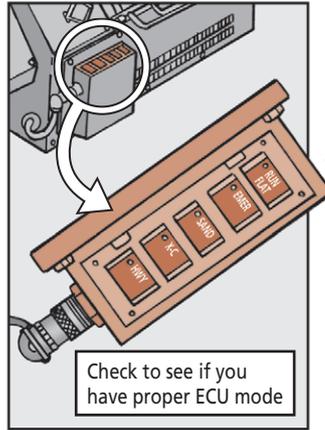


Don't be tempted to manually add air to any tire on the vehicle while operating the central tire inflation system (CTIS). You can mess up the CTIS' electronic control unit (ECU). Then your mechanic will have to disconnect the CTIS system to manually add air.

The CTIS regulates the air pressure, adding or removing air as necessary. Once you crank up your truck, the ECU automatically checks and regulates the air pressure in each tire.

If you suspect the tire pressure is still not right, check to see that you have selected the proper ECU mode.

For example, if you select "sand," the CTIS lowers the tire's air pressure for driving in the sand.

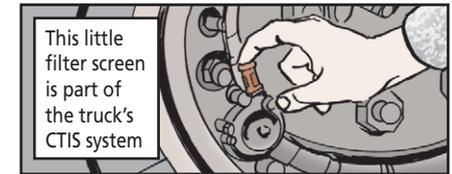


If after several minutes you notice under-inflated tires and you've done the checks in the -10 TM, **stop**. That's all you should do. Call in your mechanic for some help.

Air Filter Screen

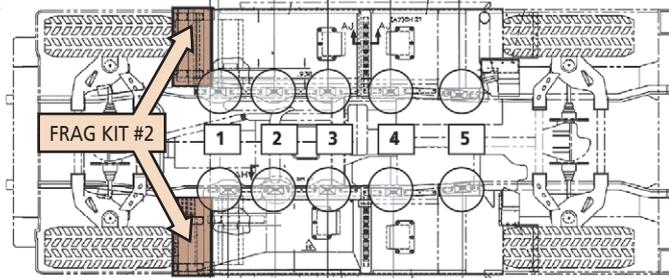
Something your mechanic can check out is the little air filter (screen) that filters out dust, sand and dirt in the trucks' CTIS. The little filter, shown as Item 21 in Fig 153 of TM 9-2320-391-24P, clogs up, causing restricted air flow in the CTIS.

Suspect a clogged filter? Your best bet is to have your mechanic clean the filter or replace it with NSN 4460-01-284-2344. The filter should be replaced at least once a year.



Up-Armored HMMWVs...

NMC Standards Temporarily Change for Underbody



Having trouble with the underbody attachments failing on your M1114, M1116 or M1145 up-armored HMMWV? You're not alone.

This growing problem has led TACOM LCMC to buy improved, extreme duty underbody retainer plates for up-armored HMMWVs. But they're not available in the supply system yet. Until that happens, NMC standards will temporarily be relaxed if the HMMWV has the Frag Kit 2—the front wheel well fragmentation kit—installed.

With the Frag Kit 2, your HMMWV is considered fully mission capable (FMC):

- even if it has missing plates at position 1
- if it has at least 3 bolts present between positions 2, 3, and 4 per side

Without the Frag Kit 2, your HMMWV is considered not fully mission capable (NMC) if it:

- has missing plate or hardware from stations 1 and 5, per side
- has more than 3 bolts missing, from stations 2, 3, and 4, per side

Make sure the underbody bolts and plates are not loose as you perform these **BEFORE** and **AFTER** PMCS inspections! If they are loose, tighten 'em.