

Voltage Regulator Failures



Are the instrument panel lights on your FMTV flashing on and off? If so, you could have a problem with the voltage regulator found on the 260-AMP alternator.

A manufacturer's defect has led to internal failures of voltage regulators, NSN 6110-01-559-2092, PN N3221. The failure occurs during normal vehicle operations. Check the reading on the voltage gages by the flashing light. In some cases, the voltmeter gage reads in excess of 32.48 volts, or reads no voltage at all!

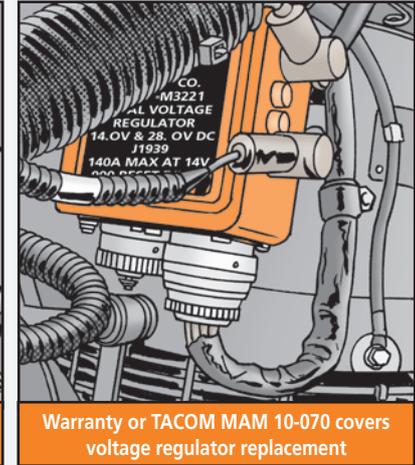
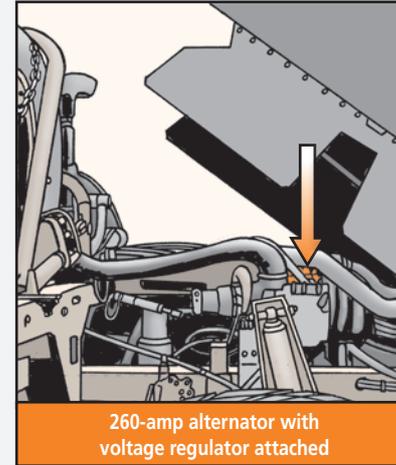
Inspect the charging system using the -10 manual for the FMTV models in your unit:

- LMTV A0: TM 9-2320-365-10 (Pg 2-46, Step #17)
- MTV A0: TM 9-2320-366-10-1 (Pg 2-66, Step #17)
- LMTV A1: TM 9-2320-391-10 (W/P 0087 00-33, Step 9)
- MTV A1: TM 9-2320-392-10-3 (W/P 0103 00-35 and -36, Step 9)

- LMTV/MTV A1R: IETM 9-2320-391-14&P (PMCS Table 2, Item 16)
- LMTV A1P2: TM 9-2320-332-10 (W/P 0081-34, Item 14)
- MTV A1P2: TM 9-2320-333-10-2 (W/P 0095-34, Item 14)
- LHS A1P2: TM 9-2320-337-10-2 (W/P 0082-36, Item 14)

You must bring the vehicle up to operating temperature to get a good voltage reading. If no defects are found, you're good to go and no action is required. But if the system is faulty, notify field-level maintenance for repairs.

Maintenance should remove and replace the voltage regulator using maintenance task 07-05, *Voltage Regulator Replacement*, in IETM 9-2320-391-14&P. Note that replacement regulators must be dated on or after 09/09/09.



Voltage regulator replacement is an extended warranty item, so all costs will be covered. If your vehicle is out of warranty, the voltage regulator replacement is still covered under TACOM LCMC's maintenance action message (MAM) 10-070. That is, if your FMTV's serial number is within the range given in the MAM. Note that the MAM calls out the M1082 trailer, but that's a mistake!

File a claim using TB 9-2300-426-15 and TB 9-2300-427-15. You must include the unit's identification and truck serial number when submitting a claim. After you submit it, a new voltage regulator will be sent to you. Return the defective regulator to the manufacturer in the original shipping box.

You can also file a claim using the BAE warranty claim website:

<https://www.tvsonlinesupport.com/OnlineSupport/public/default.aspx>

You'll have to create an account. No worries. The site is easy to use.

Need more help? Contact your TACOM logistics assistance rep or get your warranty questions answered by emailing BAE's warranty department:

warranty@baesystems.com

TACOM LCMC's Alan Meacham, DSN 786-4772, 586-282-4772, or John Eynon, DSN 786-4337, 586-282-4337, can also assist you. Here are their email addresses:

alan.meacham@us.army.mil

john.t.eynon@us.army.mil