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Major System:	ELECTRICAL SYSTEM	Created:	7/24/2012
Current Language:	English	Last Modified:	5/16/2013
Other Languages:	Portuguese	Author:	Mark Ehlers
Viewed:	365		

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Coding Information

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Title: Maintaining batteries during vehicle storage

Applies To: all models

DESCRIPTION

Truck and Bus batteries must be maintained during vehicle storage or battery deterioration and or failure can result. Battery life will be shortened if the batteries are not kept properly charged.

Note

The Dealer is responsible for adequate storage and protection of new vehicles, whether they are on Dealer premises or elsewhere. Correct any conditions creating unnecessary expense and/or preventable customer dissatisfaction. When vehicles are delivered directly to a TEM / body manufacturer, the Dealer should arrange for proper vehicle storage and maintenance. We recommend sending a copy of these procedures to the body manufacturer.

Losses occurring to a unit while it is in storage will not be considered for reimbursement or warranty

The complete Navistar Vehicle Storage policy is explained in the Warranty Policy Manual CTS1100 and CTS1101 (Global)

ACTIONS TO TAKE

- Test the battery voltage with a digital voltmeter (remove the surface charge)
- Recharge the batteries following the chart below (non AGM batteries)
- Disconnect the battery ground cables to slow the battery discharge process

Estimated recharge time for discharged batteries

Single (1) group 31 battery (180 RC- reserve capacity minutes)

Voltage	Percent Charged	70 amp charger	50 amp charger
12.6	100%	charge time	charge time
12.4	75%	41 minutes	50 minutes
12.2	50%	1 hour	1 hour and 20 min.
12.0	25%	1 hour and 26 min.	1 hour and 50 min.
11.8	0%	1 hour and 50 min.	2 hours and 25 min.

2 battery pack

Voltage	Percent Charged	70 amp charger	50 amp charger
12.6	100%	charge time (hrs.)	charge time (hrs.)
12.4	75%	1 hour and 21 min.	1 hour and 40 min.
12.2	50%	2 hours and 7 min.	2 hours and 43 min.
12.0	25%	2 hours and 52 min.	3 hours and 47 min.
11.8	0%	3 hours and 38 min.	4 hours and 50 min

3 battery pack

Voltage	Percent Charged	70 amp charger	50 amp charger
12.6	100%	charge time (hrs.)	charge time (hrs.)
12.4	75%	2 hours	2 hours and 30 min.
12.2	50%	3 hours and 10 min	4 hours
12.0	25%	4 hours and 18 min	5 hours and 40 min.
11.8	0%	5 hours and 26 min.	7 hours and 15 min.

4 battery pack

Voltage	Percent Charged	70 amp charger	50 amp charger
12.6	100%	charge time (hrs.)	charge time (hrs.)
12.4	75%	2 hours and 42 min.	3 hours and 18 min
12.2	50%	4 hours and 15 min.	5 hours and 26 min.
12.0	25%	5 hours and 45 min.	7 hours and 30 min.
11.8	0%	7 hours and 15 min.	9 hours and 40 min.

Mark Ehlers 5/16/13

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