



HMMWV Electrical Issues



19 June 2019



HMMWV Battery Improper Install



Picture of 4th Med Bn taken by SSgt Hartley, MFR Safety

Picture of CLB-453 HMMWV with 3D printed battery bracket.

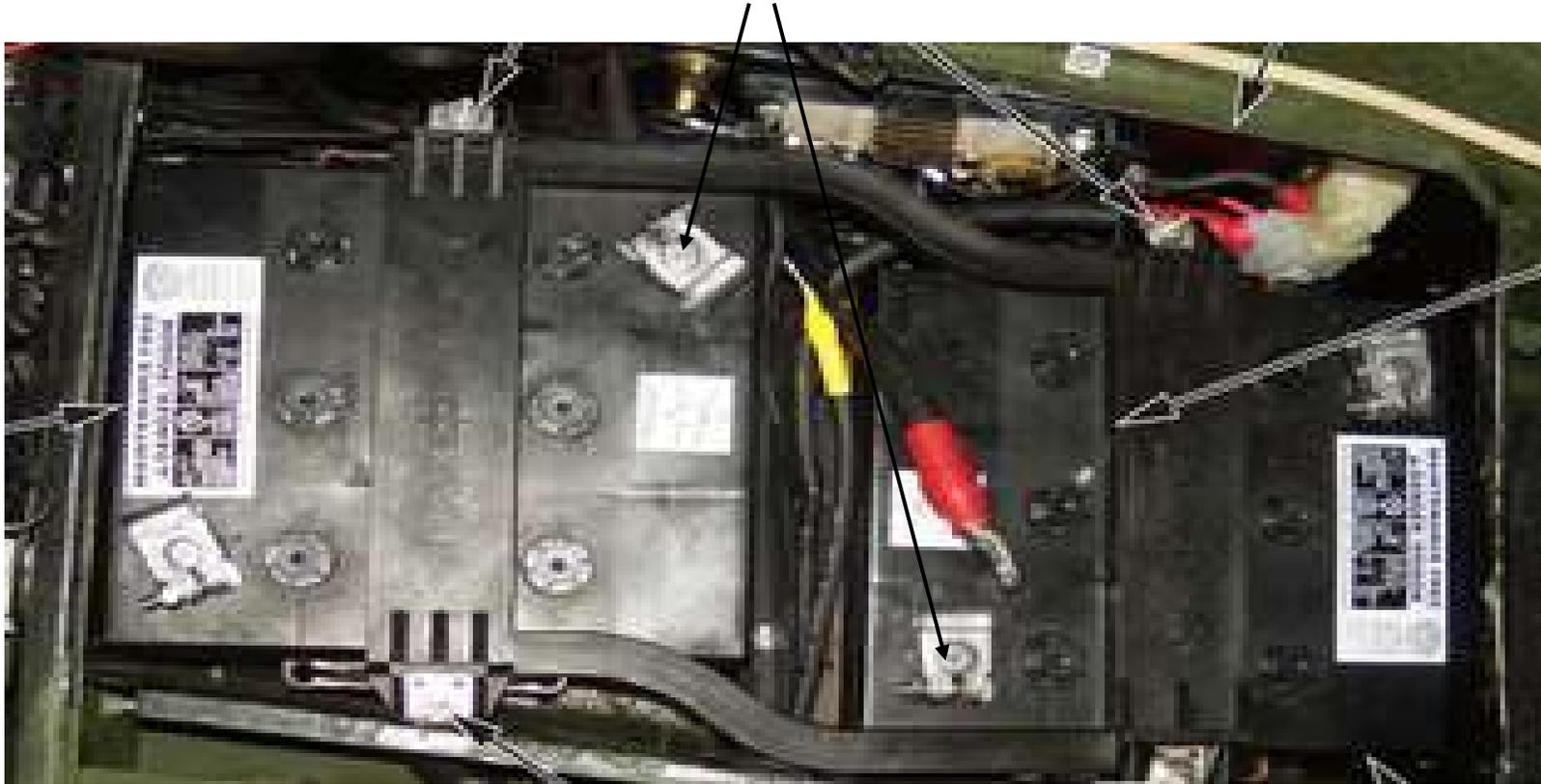
Positive terminal closely located firewall creating a potential hotspot.





HMMWV Battery Proper Install

Positive battery terminals. Proper battery installation increases distance of positive battery terminal to junction box and potential of positive cables arcing.



IETM Picture of properly installed batteries.



HMMWV Battery Proper Install

Positive battery terminals. Proper battery installation prevents arcing.



Picture of properly installed batteries provided by GySgt Maley, MLG G-4, of an Army HMMWV at Belle Chasse.



Battery Retainer



NSN 5340-01-414-0701
Old NSN for A2 variants
that was in PDF versions
of repair manuals. Use
until exhausted.

Example of both types of
battery brackets on the
HMMWV fleet.



NSN 6160-01-593-1062
Current IETM NSN for all
variants that is a bracket
composed of
polypropylene reinforced
with 40% long glass fibers.



Battery Dust Covers

Dust covers and batteries properly installed.

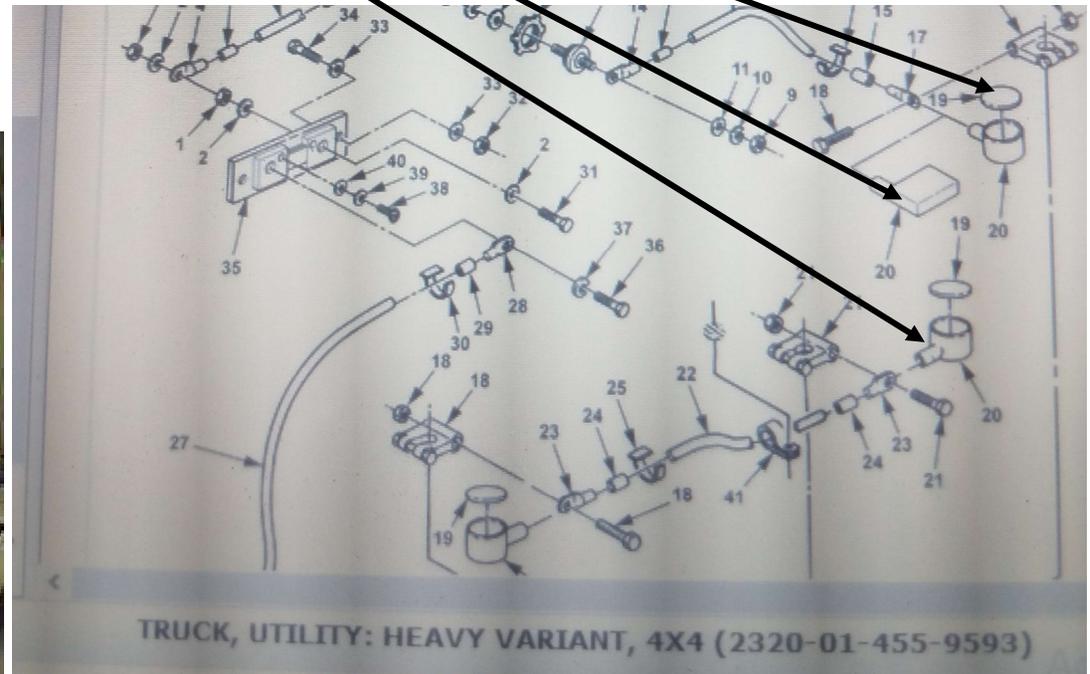


Dust part list:

19.

20.

20 (Optional)





Wet-Cell Battery



This is the only authorized battery to be installed on the HMMWV family of vehicles per the PM office.

NSN 6140-01-446-9498



NSN Data

<u>Item</u>	<u>NSN</u>
Battery	01-446-9498
Bracket, POLY	01-593-1062
Bracket, Metal	01-414-0701
J-Hook Small	01-185-7071
J-Hook Large	01-190-2193
Dust Cover Cap (19)	01-378-7525
Dust Cover (20)	01-378-5201
Dust Cover (20 Optional)	01-089-4992

Tag: SMR Code: Z

Literal: POSITION 4

Description: NON-REPAIRABLE. NO REPAIR IS AUTHORIZED.

Literal: POSITION 5

Description: NON-REPAIRABLE ITEM. WHEN ITEM BECOMES UNSERVICEABLE, CONDEMN AND DISPOSE AT AUTHORIZED LEVEL.