

IRU NEEDS TLC

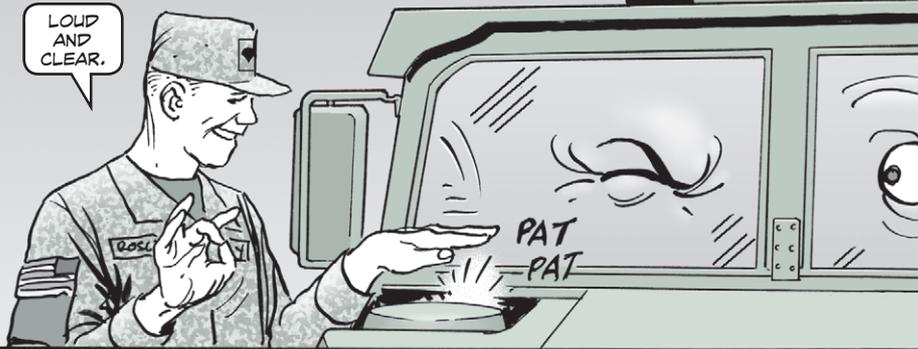
SINCE I HAVE THIS SLEW-TO-CUE, I'M GOING TO NEED MORE CARE, ESPECIALLY FOR MY IRU.

ARE YOU READING ME?



LOUD AND CLEAR.

PAT PAT

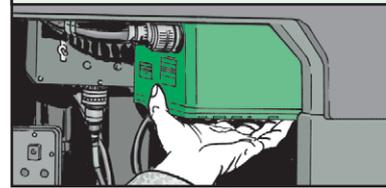


If your Avenger is equipped with the slew-to-cue configuration, that means it's also equipped with the inertial reference unit (IRU). The IRU is going to need a bit of tender, loving care if it's going to help point the Avenger in the right direction.

TLC begins with proper installation. The IRU is mounted to the HMMWV with three mounting bolts. The bolt on the rear driver side of the IRU is not easily accessible and isn't checked often. If it's missing or loose, the IRU vibrates during operation and travel. This vibration hurts the performance of the LNS (land navigation system) and can damage the IRU.

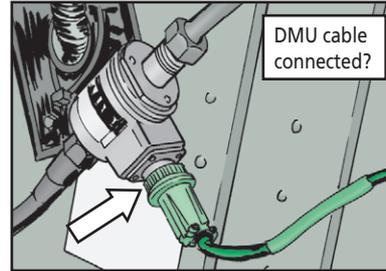
During PMCS, make sure all three bolts are present and tight. The easiest way is to just feel the IRU for looseness.

Make sure all three mounting bolts are tight. Feel IRU for looseness



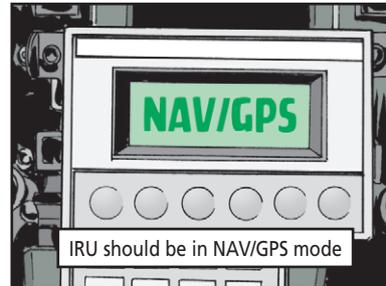
Also check that the distance measuring unit (DMU) is installed and its cable is connected. Without the DMU, the IRU won't know how far you've traveled.

DMU cable connected?



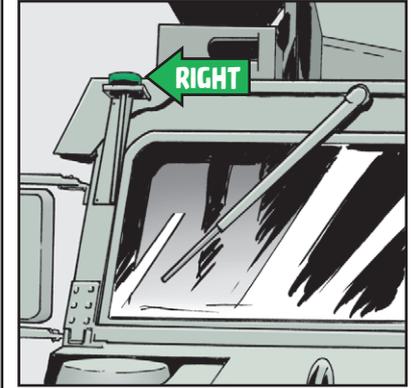
Make sure the GPS receiver is communicating with the IRU by checking the control display terminal (CDT). The IRU should be in the NAV/GPS mode. If the IRU is in the NAV mode only, it's not talking to the GPS receiver. Tell your repairman.

IRU should be in NAV/GPS mode



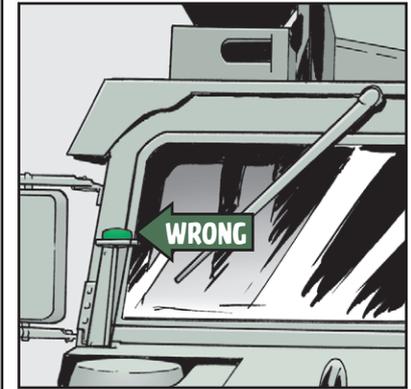
Finally, ensure that the GPS receiver antenna is mounted in the right spot. It should be here...

RIGHT



...not here.

WRONG



WHEN YOU REMOVE THE IRU, USE A LITTLE MORE TLC.

STORE AND TRANSPORT IT ONLY IN A BOX THICKLY LINED WITH FOAM.

AND REMEMBER, ONLY ONE IRU TO A BOX.

