

Avenger
Missile
System...

IT'S COOLER
OUTSIDE
THAN INSIDE
YOU! HOW CAN
I OPERATE
LIKE THAT?

HOW DO
YOU EXPECT
ME
TO
OPERATE
WHEN YOU
IGNORE MY
ECU/PPU!?

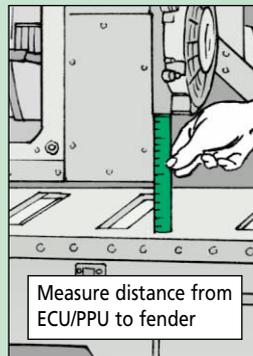
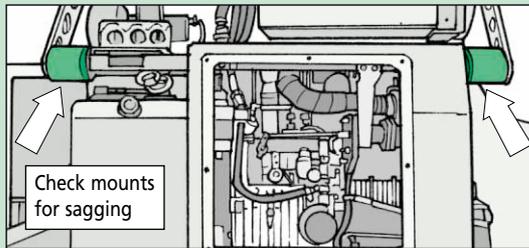
WHAT YOU CAN DO FOR YOUR ECU/PPU

For sure you don't want the Avenger's ECU/PPU (environmental control unit/primary power unit) to fail, especially in the desert heat of Iraq. No ECU/PPU means no fresh, cool air for you in the turret and you quickly turn the color of a ripe tomato. Here's what you can do for your ECU/PPU:

Measure ECU/PPU

The ECU/PPU rubber mounts wear out and let the unit sag. If it sags too much, the unit is hit and damaged by the fender when the Avenger rotates. Sagging also lets it bounce around and pull out its inserts.

Normally, you should measure the ECU/PPU for sagging every month. But soldiers operating in Iraq say the extreme heat there wears out the mounts faster so you may need to measure every other week. Check the distance from the bottom of the ECU/PPU to the fender on both sides. If the difference is more than an inch, report it. The mounts are sagging.

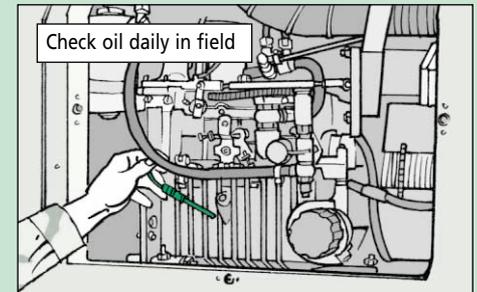


NEW MOUNTS
COME WITH
NSN 5342-01-
140-4201.



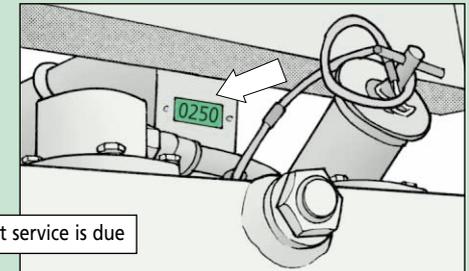
Check the Oil

The ECU/PPU engine often doesn't have a heavy enough load. The result is wetstacking where oil is thrown into the exhaust system. That not only creates a mess, but it also means the oil level drops. If it drops too much, the engine is damaged. Check the oil daily in the field and add oil if necessary.



Keep Track of the HOURS Meter

The ECU/PPU is supposed to be serviced by direct support every 250 hours of operation. If you forget, the life of the ECU/PPU will be greatly shortened. So when the HOURS meter says 250, schedule a visit for your Avenger to DS.



Check the Hose

That's the hose running from the fuel pump to the fuel filter. Some units have had trouble with the hose rubbing on the heat shield and eventually developing a leak. If that's a problem, cut off one inch of the hose and reinstall it. That should keep the hose out of the way of the heat shield.

