



**RTS-M DEVENS
DEVENS , MA
MAJ CLONCH
SGM HAYNES**

“On the Way to Victory”



RTS-M Devens Storyboard



Entry in the PS Magazine, patch on the oil drain line on the new multi-temperature refrigerated container systems (MTRCS)

RTS-M Devens 91C instructors sent this suggestion into the PS Magazine for the MTRCS and will be published in the coming months.

The 91C's found the problem on each of the systems. The engine oil drain line is connected to the diesel engine's sump on one end and an oil drain valve on the other. The problem comes where the oil drain line passes through the MTRCS frame between the sump and valve. The tolerance there is very tight, so vibration during movement, transportation and operation allows the drain line to rub against the frame.

The front part of the frame is rounded and causes no problem. But the inside of the frame is another story. That edge is sharp and jagged and the drain lines on both of the new MTRCSs showed signs of wear. If this hose is cut, the entire contents of the oil sump will drain and the engine could burn out.

As a temporary fix, we wrapped the drain line with a piece of reinforced radiator hose and held it in place with wire ties, NSN 5975-00-984-6582. Then we periodically check the drain line to make sure the radiator hose is still in good shape.



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Through Perfection!***



"On the Way to Victory"