

FLAME DETECTOR GOES INFRARED

THERE'S A NEW UPGRADE TO THE M-85, M-85-100 AND M-85-200 TRAILER-MOUNTED LAUNDRY UNITS...



...AN INFRARED (IR) FLAME DETECTION SYSTEM FOR THE LAUNDRY UNITS' DRYER, M-80 WATER HEATER AND M-85 WATER HEATER.

The IR system monitors the flame in the dryer's and water heaters' burners. It replaces the old ultraviolet (UV) flame detection system. The new IR does a better job of monitoring the flame than the old UV did.

The UV system is made up of the following parts:

- purge card, PN 6-1-8048
- terminal box, NSN 4510-01-313-9892
- scanner control, NSN 4510-01-223-6446
- flame safeguard control, NSN 4540-01-230-8586



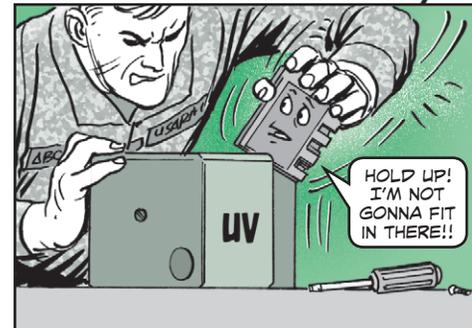
WHEN ANY OF THESE FOUR FAILS AND NEEDS REPLACING, UPGRADE TO THE NEW IR SYSTEM.



To upgrade to the new IR system, you'll need a conversion kit, NSN 6150-01-497-0505. The kit contains the following items:

- controller, NSN 6695-01-496-4749
- programmer module, NSN 5998-01-496-3870
- circuit card, NSN 5998-01-496-5834
- photoelectric cell, NSN 5961-01-145-7162
- terminal box, NSN 5940-01-313-9892

KEEP IN MIND, THE NEW IR SYSTEM PARTS ARE NOT COMPATIBLE WITH THE OLD UV SYSTEM PARTS.



Because of the conversion kit, the initial cost of the IR system is greater than that of the UV system. But once you discount the cost of the conversion kit, the components of the IR system cost less than those of the UV system. The kit is a one-time purchase.

Installation instructions come with the conversion kit. If you need help, contact your local logistics assistance representative (LAR). Or phone the TACOM Logistic Assistance Division Office at DSN 256-4242 or (508) 233-4242. Or you can email:

[TACOM-LAD @us.army.mil](mailto:TACOM-LAD@us.army.mil)

LARs have display modules and test equipment to test and adjust the IR system.

One Cleaning Tip

The viewing area of the photoelectric cell must be kept clean. Use a soft cloth to gently wipe the cell's glass-like surface. Even small amounts of dust and dirt will keep the flame's radiation signal from reaching the detector.

Army Direct Ordering for Clothing

Soldiers deployed in support of Operation Enduring Freedom and Operation Iraqi Freedom can now replace worn-out Army combat uniforms (ACU) and ACU accessory items through an online ordering program called Army Direct Ordering (ADO).

The program allows soldiers to submit orders for items that need replacement. Here's the website address:

<https://army.kyloc.com/>

The website provides instructions on setting up an account, submitting orders and selecting a unit validator (an approving official).