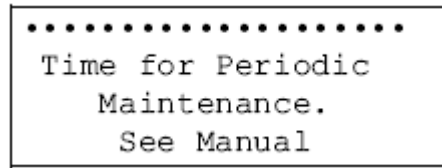


# Periodic Maintenance Guide

This document describes the things that can be done to keep the RTL running reliably. It is a summary of the Preventative Maintenance chapter of your *Installation and Operations Manual*.

After a library has completed 20,000 cartridge exchanges, the following message will appear in the display:



This message can be suppressed for up to one minute by pressing the MENU or EXIT key. It is recommended that the preventative maintenance instructions in chapter 12 of your *Installation and Operations Manual* be followed at this time. After preventative maintenance has been completed press the ENTER key to reset the counter and clear the display.

## Checking the Air Filter

The RTL and the tape drives are cooled by outside air that is drawn into the RTL enclosure through an air filter. This filter keeps dust and dirt from entering the enclosure, as its presence could degrade the reliability of the tape drives and media. If the filter becomes clogged with dust and dirt, the amount of airflow will be diminished. Diminished air flow could cause the tape drives to run hotter, again degrading their reliability. Therefore, it is important to periodically check the air filter replace it when it becomes dirty (P/N 500584-01-6). The time between filter changes is very dependent upon the local environment. Inspect the filter frequently when the RTL is first installed. Then, when the effects of the local environment become known, adjust the inspection schedule accordingly.

## Cleaning the Exterior

Use any standard office equipment cleaner and a soft, clean cloth to clean the exterior of the RTL. Do not use ammonia-based cleaners, or other harsh cleaning solutions, as these may damage the unit's paint. The window is made of polycarbonate plastic and should be cleaned with an appropriate, ammonia-free, plastic-cleaning solution.

## Cleaning the Interior

The inside of the RTL cabinet is pressurized to keep out dust and cooled by filtered air to ensure an optimum operating environment. If a build-up of dust inside the unit should be noticed, check the condition of the air filter element and replace it if it is dirty. Plastic dust from the cartridges may eventually accumulate on the gripper assembly and the bottom of the cabinet. This should be removed with a vacuum cleaner or slightly damp cloth.

## Cleaning the Sensors and Gripper Assembly

The multiple sensors inside the library may become slightly dusty over a prolonged use. Approximately every six months, use an air spray can (like those sold in photography stores for dusting off camera lenses), to gently blow off any dust that may have accumulated on the sensors' respective emitters and detectors.

## Cleaning the Tape Drives

Follow the procedures given in the documentation which came with the tape drives. The cleaning procedure can be automated by storing a cleaning cartridge in one of the fixed slots and using a host system's maintenance program, which automatically loads the cleaning cartridge into each tape drive.