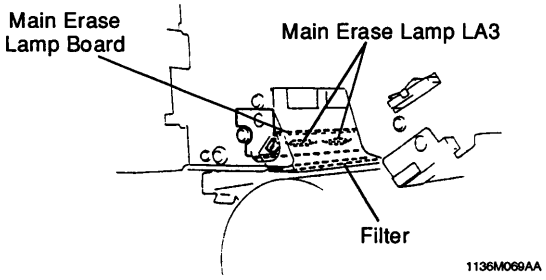
18 MAIN ERASE LAMP

18-1. Construction

Main Erase Lamp LA3 consists of ten tungsten-filament lamps mounted side-by-side on a board. A filter is installed between LA3 and the PC Drum to protect LA3 from contamination. LA3 projects light onto the surface of the PC Drum to neutralize any surface potential remaining after image transfer.



18-2. Main Erase Lamp LA3 ON/OFF Control

LA3 is turned ON and OFF by the signal from Master Board PWB-A as shown in the circuit diagram below.

A faulty LA3 is detected by the signal input to IC4A as shown in the circuit diagram below.

The ON/OFF timing of LA3 is as follows.

