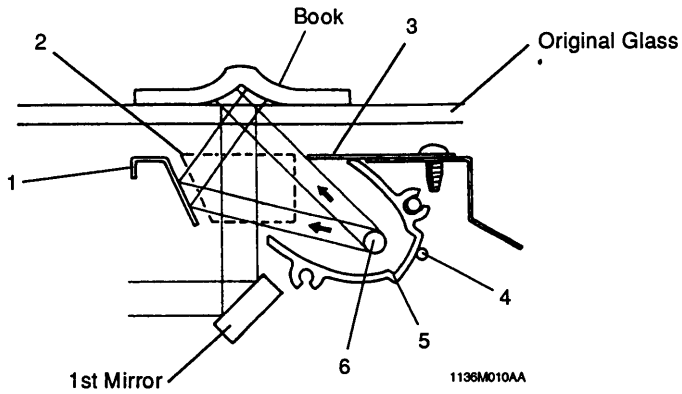
9-2. Exposing



1. Auxiliary Reflector : The Auxiliary Reflector reflects light onto the areas that Exposure Lamp LA1 cannot illuminate when an original that does not lie flat on the Original Glass (such as a book) is being used. It functions to reduce shadows which would otherwise be transferred to the copy.
2. Intensity Correction Mirror : The intensity of the light emitted by LA1 remains flat. The intensity is slightly attenuated at the very ends, which is corrected by the Intensity Correction Mirrors fitted on the front and rear ends of the Scanner.
3. Aperture Plates : The four Aperture Plates regulate the amount of LA1 light illuminating the original surface.
4. Exposure Lamp Thermal Fuse TF2 : Exposure Lamp Thermal Fuse TF2 becomes electrically open (blows) if the temperature in the area surrounding the Main Reflector exceeds 128°C, thus cutting off the circuit to LA1.
5. Main Reflector : The Main Reflector ensures that light from LA1 exposes all areas of the original.
6. Exposure Lamp LA1 : This copier uses a halogen frost lamp for Exposure Lamp LA1. Its light distribution characteristics keep the intensity of the light remaining flat.