

COLOR REVERSAL

MAINTENANCE INSTRUCTIONS

GENERAL INFORMATION:

Color Reversal spins a disc with a low voltage DC gearmotor backlit by a fan-cooled 75 watt floodlight. A 30 watt spotlight may be switched off by the visitor. The top box of the exhibit is plexiglass and should be cleaned carefully by plexiglass cleaner. The rest of the exhibit is formica and may be scrubbed with soap and water. The white disc inside the exhibit is covered with black felt on the front. The felt may be cleaned with a jet of air and any of the white parts may be carefully scrubbed with soap and water. To change the light bulbs, first remove the plexiglass box by removing the four screws, two on either side at the bottom. Carefully set the plexiglass box aside. To change the 30 watt lamp, loosen a setscrew on the bottom of the lamp shade and remove the end of the shade. To change the 75 watt lamp that shines through the filter and the disc, pull on the little handle on the back of the lamp and extract the lamp and the socket with the back of the fixture. The colored filters are squeezed between the two pieces of plexiglass. The motor has audible gear noise; this is normal. Access to the motor drive circuitry and the push buttons is by unlocking and removing the bottom of the exhibit.

The furnace filter should be vacuumed or changed whenever it becomes dirty.