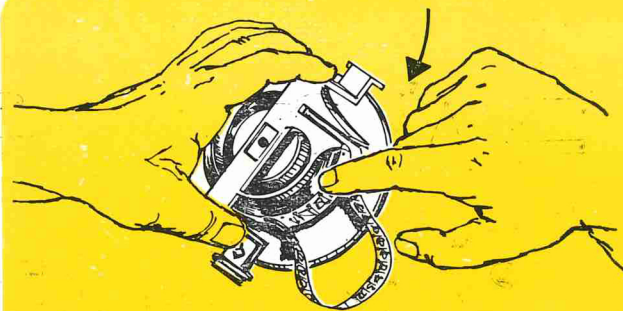# EASY·SHOW PROJECTOR

operating instructions

CHAD VALLEY

MADE IN ENGLAND

Operating Your Chad Valley Movie Projector

Open your Easy Show Projector by pushing DOWN & IN on the LATCH, which is located at the top of the projector. Pull the FRONT COVER open & lay the projector on its side.

Before inserting the FILM CARTRIDGE into the projector, wind the film tightly onto it by holding the BRACKET (film toward you) and spinning the SPOOL clockwise.
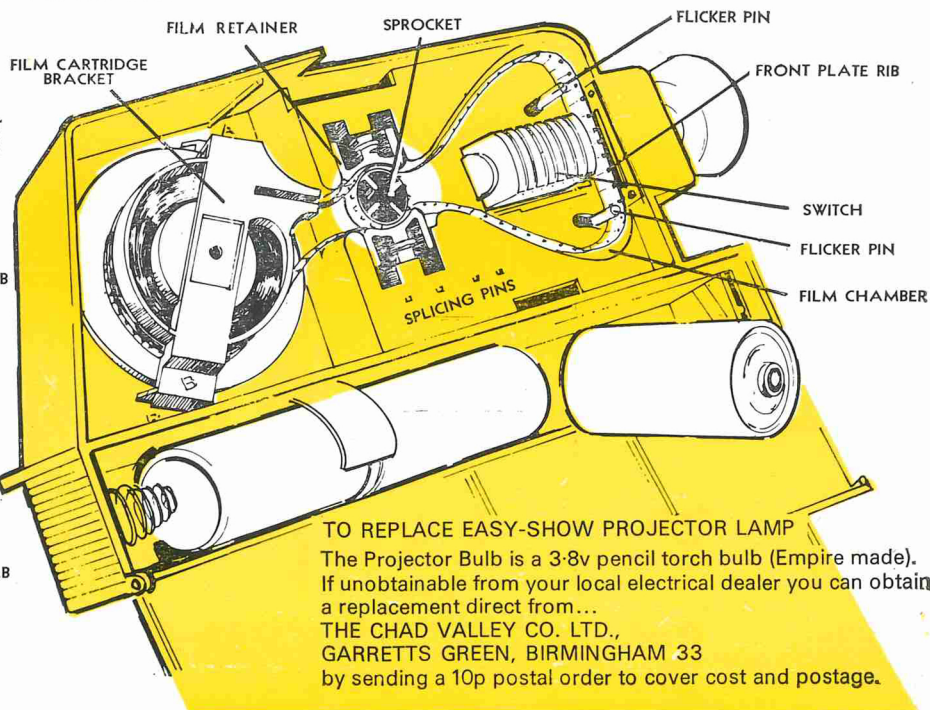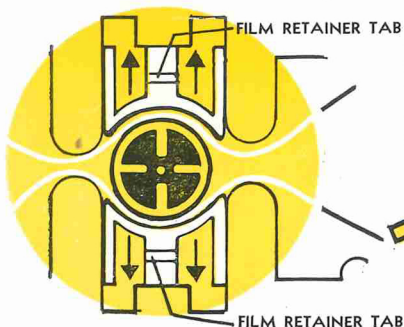
INSERT BATTERIES

INSERT 3 U2 SIZE BATTERIES into the FRONT PART of the BATTERY BOX one at a time and slide them to the REAR. The CONTACT BUTTONS on the batteries should all be TOWARD THE FRONT. Check lamp alignment as shown on following page.

SNAP IN CARTRIDGE

Now insert the FILM CARTRIDGE by snapping the BRACKET ENDS into the BRACKET SLOTS in the projector. Be sure to match the letters molded on the ends and slots   (A and B)

OPEN FILM RETAINERS

Gently push down on film retainer TABS and slide FILM RETAINER away from SPROCKET (see drawing below).

POSITION THE FILM

Pull the LOOP of FILM forward around the FLICKER PINS and under the FRONT RIB PLATE. Loop the film against the FILM CHAMBER WALL. Now engage it with the SPROCKET. Slide both FILM RETAINERS towards the sprocket and make sure that the small TAB is raised to hold each film retainer against the sprocket. While the projector is on its side, check the SWITCH to see that it does not interfere with the COVER as you close and latch it.

FILM RETAINER TAB

FILM RETAINER TAB

FILM CARTRIDGE BRACKET

FILM RETAINER

SPROCKET

FLICKER PIN

FRONT PLATE RIB

SWITCH

FLICKER PIN

FILM CHAMBER

SPLICING PINS

TO REPLACE EASY-SHOW PROJECTOR LAMP

The Projector Bulb is a 3·8v pencil torch bulb (Empire made). If unobtainable from your local electrical dealer you can obtain a replacement direct from...
THE CHAD VALLEY CO. LTD.,
GARRETTS GREEN, BIRMINGHAM 33
by sending a 10p postal order to cover cost and postage.

TO CHECK LAMP ALIGNMENT,

The LAMP may need aligning. To align the LAMP, slide the SWITCH forward. The beam of light must fall on the small square WINDOW in front of the LENS and cover it ENTIRELY (Fig. 2). If the beam does not cover the WINDOW entirely (Fig. 3), slide the SWITCH back until it stops against the SPROCKET and rotate the LAMP. If the LAMP does not turn, lift it out of the projector, rotate it slightly, and replace it between the METAL PRONGS.
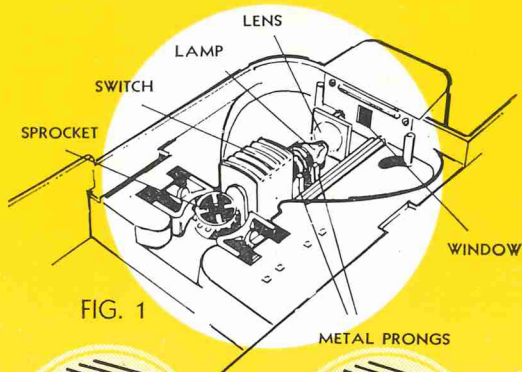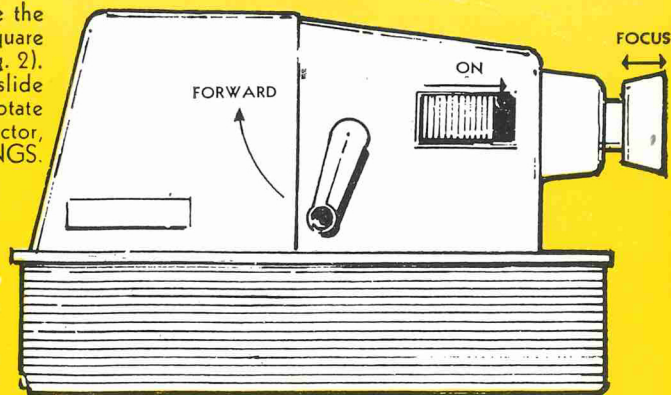

FOCUS

FORWARD   ON

LENS
LAMP
SWITCH
SPROCKET
WINDOW

FIG. 1

METAL PRONGS

FIG. 2   RIGHT

FIG. 3   WRONG

Slide the SWITCH forward to turn on the projector LAMP.

Your Easy-Show Projector can be focused 1 to 6 feet away from the projection surface by sliding the LENS TUBE in or out until the picture is seen clearly.
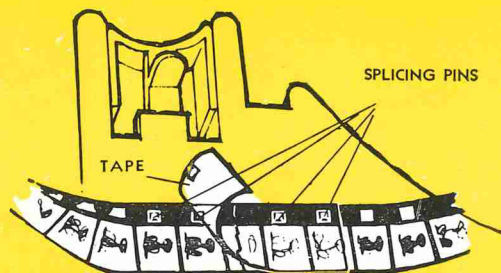
Turn the CRANK clockwise to operate the projector forward.

If your picture appears "jerky", your film is not positioned correctly. Open the Film Retainers and disengage the film from the Sprocket. Pull enough film from the cartridge so that you can loop it around both Flicker Pins and against the walls of the Film Chamber. Engage film against Sprocket and close Film Retainers.

If the film does not advance, check film position as above and be sure that you have moved both Film retainers toward the Sprocket.

TO CHANGE FILM CARTRIDGES, open film retainers and unhook the film from the front plate RIB; then remove the film cartridge by squeezing bracket ends and lifting out of projector. REMOVE FILM CARTRIDGE AFTER YOU ARE FINISHED PLAYING WITH THE PROJECTOR. If you forget to do so, remove the cartridge and wind the film onto it before starting again.

BEFORE YOU PUT EACH FILM CARTRIDGE AWAY, wind the film tightly on the spool to avoid tangling and kinking. TO REPAIR FILM IF IT "KINKS", carefully and slowly bend it in the opposite direction until it is straight.

SPLICING PINS

TAPE

If the kink does not come out this way or IF FILM SHOULD BREAK, cut the film evenly and splice it together with the SPLICING PINS found inside the projector and 8 mm splicing tape available from camera shops at a nominal cost.

Place the film so the two ends meet and the SPLICING PINS are through the sprocket holes of the film. Put the splice tape over the joint and pins and press firmly. Turn the film over and repeat the taping. Wind the film tightly on the spool.

*It is important that the film is properly engaged on the sprocket teeth on both sides of the sprocket. Failure to do this will result in tangled film. You can check by inserting a small coin into the sprocket slots and turning clockwise before closing the case.