LCD PROJECTOR LENS

MODEL NO. LNS-S02K Series

LENS REPLACEMENT PROCEDURE

NOTES ON LENS REPLACEMENT

Lens replacement should be performed by the qualified service personnel.

It should be followed by this procedure precisely.

Before attempt to replace the lens, confirm the model number (both the LCD

projector and the lens) and use the proper lens.

If you have any questions, contact to the dealers.

PARTS LIST

Following parts are contained in the packing.

· LENS	1 piece
· LENS MOUNTING SCREWS	6 screws (2 for spare)
· DRIVER	1 piece
· LIGHT-BLOCK SHEET	1 sheet
· LENS COVER	1 set

Following checks and confirmations should be taken for safety.

Check the following things by the time of the cabinet cover installation after
the lens replacement.

1. Confirm the proper wiring and the wires are fixed properly.

2. Confirm the each connector is connected properly.

3. Wiring must not be tangled in the gear of the lens motor or the other
   mechanical part.

4. There is no missing part, or no loosing mounting part.

LENS REPLACEMENT PROCEDURE

Perform the steps $\boxed{1}$ to $\boxed{5}$ for lens replacement.

$\boxed{1}$ REMOVE THE LENS COVER. (See figure-1.)

1. Turn on the LCD projector.

2. Adjust the lens shift, so that lens is set in the center.

3. Turn off the LCD projector and disconnect the power cord from the AC outlet.

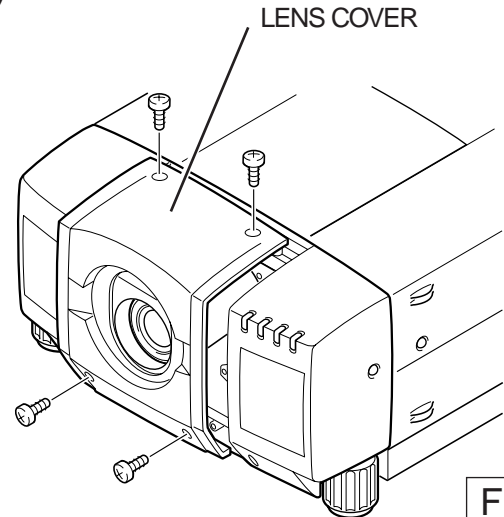4. Remove 4 screws of the lens cover and remove the lens cover.

LENS COVER

Fig-1

$\boxed{2}$ REMOVE THE LENS. (See figure-2.)

1. Remove the connector "K16B" of the circuit board.

2. Loosen the A, B wire bands, wire holder and remove the lens motor lead.

3. Remove screws D(4 screws) which fastens the lens and remove the lens.
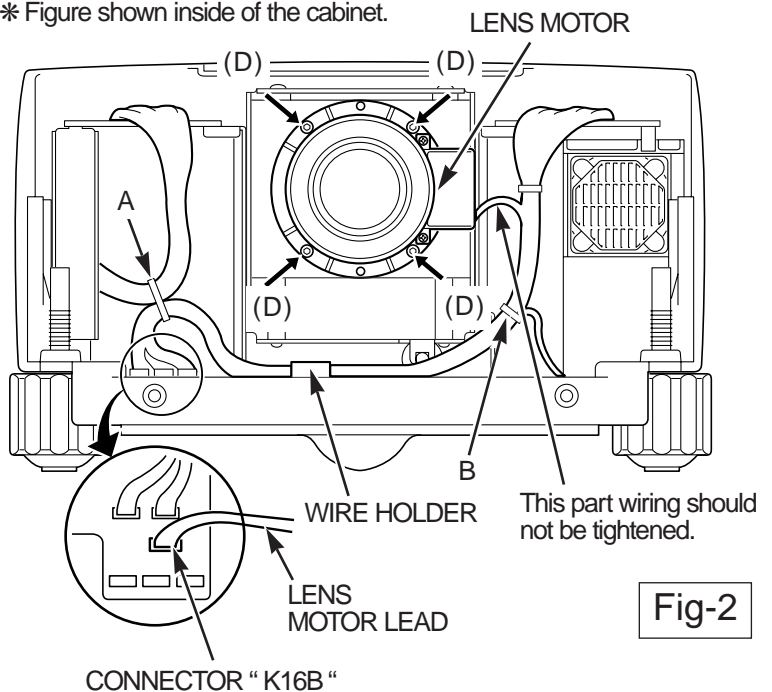
✳ Figure shown inside of the cabinet.

LENS MOTOR

(D) (D)

A

(D) (D)

B

WIRE HOLDER

This part wiring should not be tightened.

LENS MOTOR LEAD

CONNECTOR " K16B "

Fig-2

3 INSTALL THE LENS. (See figure-3)

1. Remove protective caps(front and back) on the lens.

2. Mount the lens on mounting bracket of the main cabinet with 4 screws.Use the screws included with the lens.
Use the driver included with the lens to fasten the screws.
(After using, save it for latter use.)

3. Connect the lead connector of the lens motor to the "K16B" on the circuit board as shown in figure-3.

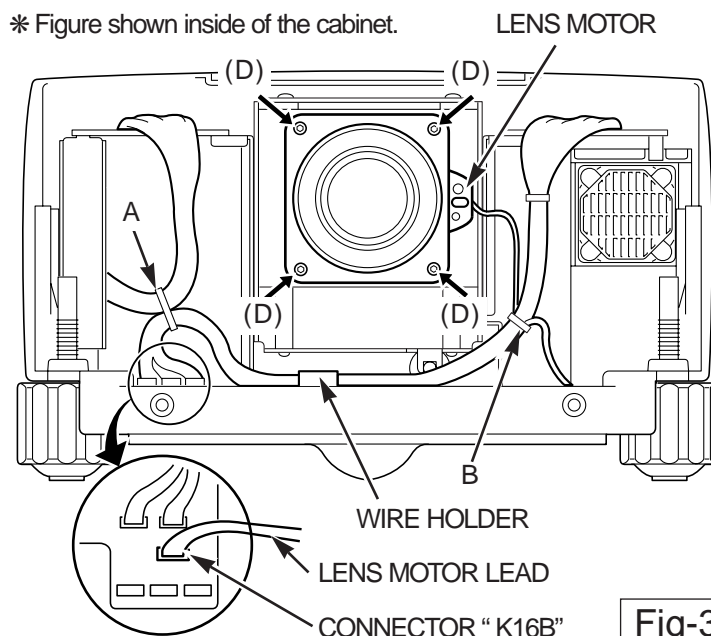4. Fasten the lens motor lead at the A, B points and wire holder as shown in figure-3.

✳ Figure shown inside of the cabinet.

LENS MOTOR

(D) (D)

A

(D) (D)

B

WIRE HOLDER

LENS MOTOR LEAD

CONNECTOR " K16B"

Fig-3

4 INSTALL THE LIGHT-BLOCK SHEET. (See figure-4)

Install the light-block sheet around the lens as shown in the illustration.
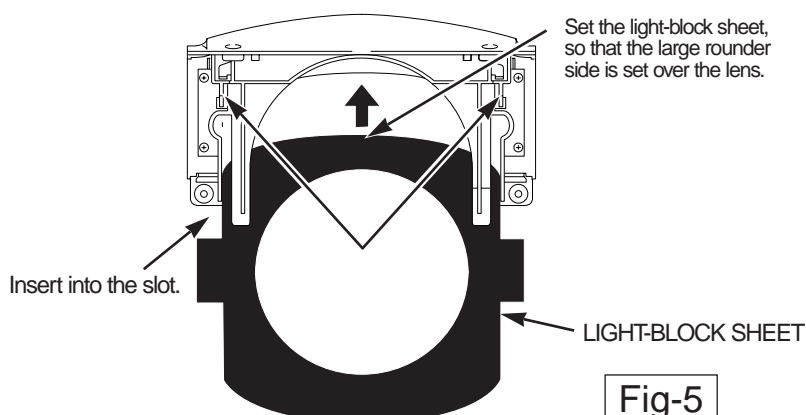(Use the sheet included with the lens.)

Set the light-block sheet, so that the large rounder side is set over the lens.

Set the light-block sheet, so that the large rounder side is set over the lens.

Insert into the slot.
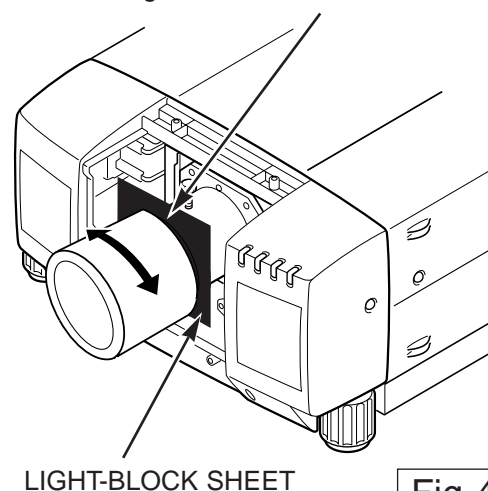
LIGHT-BLOCK SHEET

Fig-5

LIGHT-BLOCK SHEET

Fig-4

5 MOUNT THE LENS COVER. (See figure-6)

When in install the both upper and lower lens covers, install the light-block sheet as shown in figure 5. If the installation of the light-block sheet is incorrect, there will be the space between lens and the lens cover, so that it will be the cause of leakage of light or the dust entering at the main cabinet.

1. Insert the upper part lens cover and fix them with screws A (4 screws).

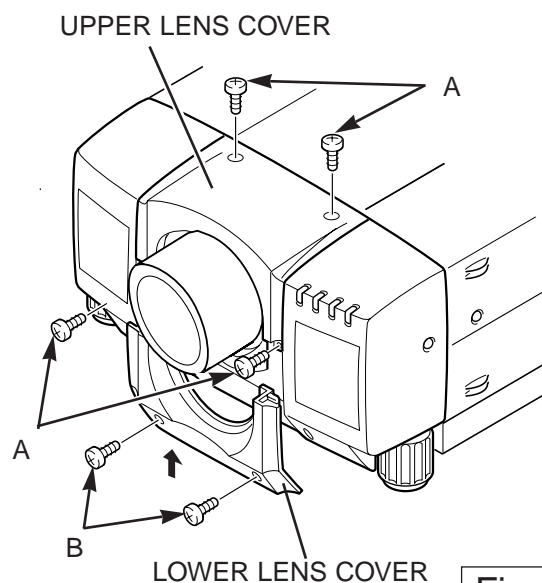2. Insert the lower part lens cover and fix them with screws B. (2 screws).

UPPER LENS COVER

A

A

B

LOWER LENS COVER

Fig-6