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click on the secure site on my main page.

# **FULL ONE-YEAR WARRANTY**

If your camera proves to be defective within the warranty period we will repair it or at our option replace it with a similar camera without charge. The warranty applies whether you do or do not return the registration card to us.

The warranty period is one year from the original date of purchase. To verify the warranty period, you should keep the sales slip or other proof of the purchase date. Without this information, the warranty period is two years from the manufacturing date on the camera.

If, within the warranty period, your camera is mailed to us for service from inside the U.S.A. it will be returned with a postal refund approximately equal to the cost of insured parcel post. We will also give you a free pack of film.

This warranty does not cover damage caused by accident, misuse, or tampering with the camera, and a charge will be made for such repairs.

FOR WARRANTY SERVICE the camera must be returned to and repaired by a Polaroid Service Center or Authorized Service Center. You can return the camera through your Polaroid camera dealer. If that is not convenient, see page 32 for information on how to return the camera, or call Customer Service toll-free at 800-225-1384 from anywhere in the continental USA except Massachusetts and Alaska. From those states, call collect (617) 864-4568. We can be reached Monday through Friday, 8 a.m. to 5 p.m., your time. In Canada call toll free 800-268-6970.

This warranty gives you specific legal rights and you may also have other rights which vary from state to state.

This warranty excludes all consequential damages. Some states do not allow the exclusion or limitation of accidental or consequential damages, so the foregoing limitation or exclusion may not apply to you.

OneStep Land Camera

Polaroid







# PICTURES OUTDOORS: PEOPLE

In bright daylight, stand so the light falling on the subject comes from behind you or from the side.

But use flash when your subject is in the shade or when shooting under heavily overcast skies or at dusk. Your camera's fill-flash feature will automatically balance flash with daylight to give you pleasing well-exposed pictures.

Even in bright sunlight, you can improve your pictures with flash. See page 11.

Although you can use flash outdoors over the full FlashBar and Q-Light ranges, you'll get particularly good results when you are about 6 ft. from your subject.

Rule for success: If in doubt about the light, use flash.

# PICTURES OUTDOORS: SCENES

In bright daylight, stand so the sun is behind you or at the side. If the sun is shining into your eyes (and into the camera's electric eye) the scene will be too dark in your picture.

If the light is not bright, rest the camera on a firm support or use a tripod to prevent movement and fuzzy pictures. The camera can automatically make a time exposure for as long as 1 second.

# TAKING PICTURES IN HOT AND COLD WEATHER

When it's hot, keep the camera, film and developing pictures away from "baking" conditions like direct sun, hot cars and hot surfaces.

When it's below 45° F(7° C), keep your camera and film warm. Put each developing picture immediately into a warm inside pocket for at least three minutes.



# THE IMPORTANT FILM SHADE

As each picture is ejected, it is covered briefly by a black shade (A) that prevents light from affecting the picture as it starts to develop. **Don't tamper with this delicate shade**. If it doesn't roll back after a picture has been ejected, lift its front end and it will snap back into the camera.

# **NEED HELP? CALL US. TOLL FREE**

If you have a picture taking problem, or a question for which you can't find an answer in the instruction book, call Polaroid Customer Service.

# 800-225-1384

That's our toll-free number from anywhere in the continental USA except Massachusetts and Alaska. From those states, call collect (617) 864-4568. We can be reached Monday through Friday, 8 a.m. to 5 p.m., your time. In Canada call toll free 800-268-6970.

IV

# PICTURE TAKING IS A SNAP

Just look through the viewfinder and press one button. Your camera's prefocused lens will make sharp images of everything beyond 4 ft.

### TO LOAD THE FILM

Push the latch (A) forward. The film door will drop open.

Hold the film pack by its edges **only** and slide it all the way into the camera. (Gripping the pack above and below the yellow tab may damage the film.)

On some packs, a narrow plastic strip along the front will snap open when the film is pushed all the way in. Other packs will not have this strip.

Close the film door. You'll hear the camera eject the film cover. To remove an empty pack, pull the yellow tab.

### TO HOLD THE CAMERA

Grip it firmly in the palm of your left hand. Place your right thumb below the picture counter and your index finger on the shutter button. Curl the other fingers into your palm to avoid blocking the picture exit slot in front.

### TO AIM AND SHOOT

Bring your eye close to the viewfinder eyepiece so you can see all four corners inside the viewfinder.

Move in close so your subject "fills" the viewfinder, but not closer than 4 ft.

Squeeze the shutter button gently and hold the camera very steady until the film is ejected.



# 

### **PICTURES INDOORS**

For indoor pictures, you can now use a standard FlashBar or Polaroid's new O-Light electronic flash.

### STANDARD FLASHBAR

With the front of the camera pointing away from you, insert the FlashBar into the flash socket. **Stand 4-8 ft.** from your subject and try to have your subject near a light, colorful background.

After 5 flashes, reverse the FlashBar and shoot 5 more. The camera automatically picks the next good bulb in a partly used FlashBar.

# POLAROID'S NEW Q-LIGHT #2351

Supplies about 60 flashes with a fresh set of batteries.\*

And it's high-speed flash stops most action for remarkably sharp pictures.

The Q-Light snaps easily onto the top of the camera. See the brief instructions packed with the unit.

**Stand 4-9 ft.** from your subject and try to place your subject near a light, colorful background.

For important advice on electronic flash units, see page 30.

Flash pictures should not be taken where the atmosphere contains gases or dust that may be ignited by a spark.

\*Depending on battery type and frequency of use.



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# Film and flash

Your camera uses Polaroid SX-70 Land film. Each film pack provides ten 3½ inch square color pictures, and contains a battery that powers the camera. For flash pictures, you can now choose between the standard FlashBar or Polaroid's new Q-Light #2351.

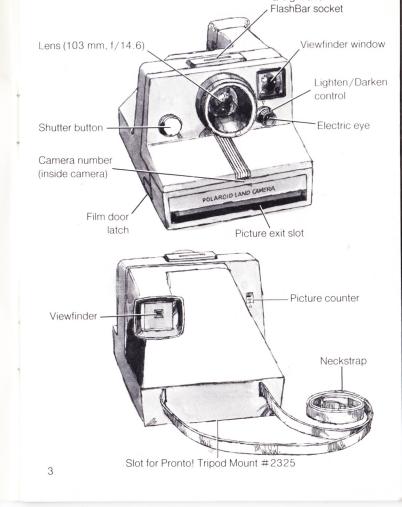


Brief operating instructions Detach and save

## PHOTO FACTBOOK

Helpful picture-taking guide Read it once, refer to it often





### MAKING GOOD INDOOR FLASH PICTURES

# Stay within the flash range

The FlashBar range is 4-8 ft.; Polaroid's Q-Light, 4-9 ft. Closer, your subject will be too light and fuzzy. Farther away, your subject will be too dark.

# Watch the background

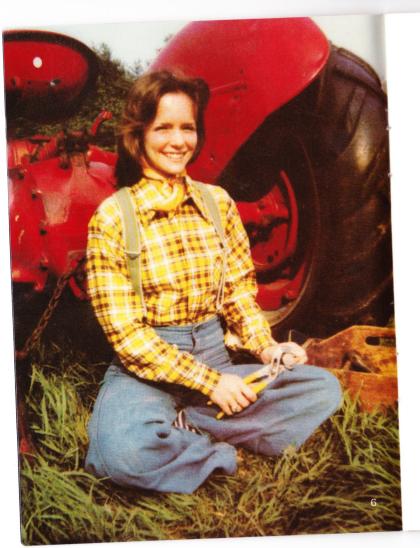
Place your subject near a colorful background if you can. Color adds interest to the picture; having the background near the subject assures that it will be well lit.

Avoid dark or distant backgrounds, particularly when photographing dark-haired people. Also don't shoot straight at reflective backgrounds like windows, paneled walls and polished surfaces. These can cause a "hot spot" (flash reflection) in your picture. If you must shoot toward such a surface, shoot at an angle rather than straight on.

# Arrange groups

Each person in a group should be about the same distance from the camera. Then all will be lit evenly by the flash.

And, don't forget: hold the camera steady until the film is ejected.



# MAKING GOOD DAYLIGHT PICTURES

In general, place your subjects so the light falls on them from behind you or from the side. Also, try to place your subjects so the light on them is about as bright as the light on the background. If your subjects aren't in the sunshine, use flash or a firm support to get good daylight pictures. See page 11.

# How the background affects exposure

Exposure is controlled by the electric eye next to the lens. It governs the opening and closing of the camera's shutter, letting just the right amount of light reach the film.

If the background is much darker or lighter than your subject, the eye will be ''fooled'' and your subject may be too light or dark in the picture. Move closer to reduce the background's effect, or reset the Lighten/Darken control (next page).

Generally, your camera will set the correct exposure without any adjustment of the L/D control. Leave it at normal, as shown. (If flash pictures are too light or dark, you probably didn't stay within the flash range.)



Normal setting









If the background is very bright, your subject may be too dark (top left). Set the Lighten/ Darken control 1 or 2 marks to Lighten so the subject receives normal exposure, as in the top right picture.



Setting:
1 mark toward Lighten

If the background is very dark, your subject may be too light (bottom left). Set the Lighten/Darken control 1 or 2 marks to Darken so the subject receives normal exposure, as in the bottom right picture.



Setting: 1 mark toward Darken

Always take the second picture under exactly the same conditions, same subject, same position and distance, same lighting. Reset the Lighten/Darken control to normal when you're done.









# **USING FLASH IN DAYLIGHT**

When shooting in the shade, under heavily overcast skies or at dusk, you can combine flash with daylight to produce properly exposed pictures that might otherwise have been too dark and fuzzy.

The picture at top left was taken in the shade making the subjects dark and fuzzy. But adding flash makes a well-exposed, crisp picture.

In bright sunlight, you can soften or eliminate unpleasant facial shadows, as shown at bottom, by using a FlashBar (Polaroid's Q-Light may not fire in bright daylight). Or, whenever possible, simply take your subject from direct sunlight to a shaded area and use either a FlashBar or the Q-Light.

Although you can use flash outdoors over the full Flashbar and Q-Light ranges, you'll get particularly good results when your subject is about 6 ft. away.



# WHAT'S "DEPTH OF FIELD"?

In your pictures, everything from 4 ft. to the most distant object will be clear and in focus. This long range of sharpness, called ''depth of field,'' is automatic — the lens is prefocused.

Your camera's long depth of field can produce interesting pictures like the one at left. You can easily compare the artist's painting with her subject, since both are in sharp focus.

Other ideas for taking advantage of this depth of field: pose friends against distant historical sites you want clear and sharp. Capture amazing detail in parades, even though objects are at varying distances from you. At the zoo, have foreground subjects and background animals sharply in focus. City skylines, amusement parks, sporting events — all offer many opportunities for long depth of field.









# TIPS FOR BETTER PICTURES

# Help subjects relax

Give your subjects something to do so they will be relaxed, not stiff or posed.

# Watch the background

It should complement your subjects, not distract from them. Keep it simple.

# Include color

Add colorful props like flowers, toys, bright clothing. Look for a colorful background to place your subject near.

# Frame scenics carefully

When shooting distant scenes, include something in the foreground to serve as a natural frame, or to show depth or dimension.

Always hold the camera steady when shooting.

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# COPIES AND ENLARGEMENTS

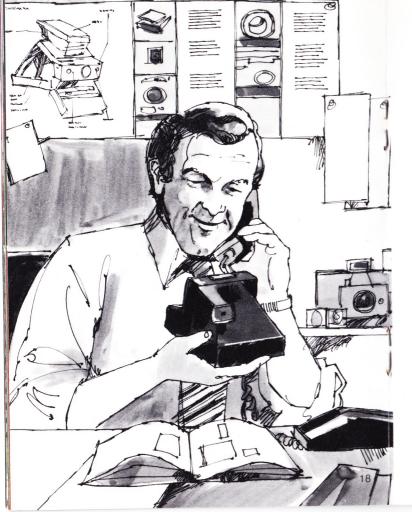
You can order copies or enlargements of your favorite pictures to send to family and friends or enjoy at home. High-quality copies and enlargements may be ordered through your camera dealer or directly from Polaroid Copy Service (the order form is on the back of the film cover).

# **ACCESSORIES**

Picture taking can be even more fun with the accessories shown at left, available from your camera dealer.

The Tripod Mount #2325 (right) lets you attach your camera to a standard tripod, to steady it during picture taking. The Self-Timer #2326 (center) lets you get into the pictures, and the Cable Release #2327 (left) lets you operate the shutter button without touching the camera. These accessories may be purchased individually or in the Pronto! Accessory Kit #183.

Attractive Pronto! carrying cases designed to hold your camera, flash and film are also available.



# **NEED HELP? CALL CUSTOMER SERVICE**

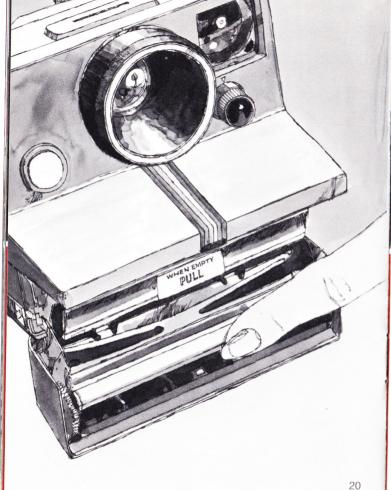
We have a staff of Polaroid Land camera experts whose job is to help you get good pictures. If something's wrong with your camera, pictures or film, they'll try to solve the problem fast.

# 800-225-1384

... That's our toll-free number from anywhere in the continental USA except Massachusetts and Alaska. From those states, call collect (617) 864-4568. We can be reached Monday through Friday, 8 a.m. to 5 p.m., your time. In Canada call toll free 800-268-6970.

You can write us at Polaroid Corporation, Customer Service, Cambridge, Mass. 02139, or to Customer Service at any of the locations listed on pages 33-34. Include your address and phone number.

All our Service Centers offer walk-in service, too, including while-you-wait repairs in most cases. If you can get to us easily, bring your camera and pictures in.



# **CAMERA, FILM AND PICTURE CARE**

# Camera

To clean the camera body, simply wipe it with a damp cloth. When necessary, clean the lens, viewfinder window and electric eye. Blow off any dust, then wipe gently with a clean, lint-free cloth.

The rollers inside the film door should be kept clean. Before loading new film, examine them by rotating each one separately with your finger. Each should move freely. Remove any specks with a clean, lint-free cloth, moistened with water if necessary. Check the ends of the rollers, too, and the picture slot. To prevent dust from entering the film compartment, clean the rollers while an empty film pack is still in the camera.

## Film

Store your film in a cool place — below 75°F, if possible. Film may be refrigerated, but it shouldn't be frozen. (Before opening film that has been refrigerated, allow it to warm to room temperature. Usually this takes at least an hour.) Always keep the film box sealed until you're ready to load the film.



Avoid leaving your film or a loaded camera in hot places, like the glove or luggage compartment of a car in warm weather, or in direct sunlight.

## **Pictures**

Don't fold your pictures, or cut them. Polaroid Copy Service can, however, supply copies and enlargements of your favorite pictures, which may be trimmed as you like.

Fingerprints on your pictures can be easily removed. Simply ''mist'' the surface with your breath, then polish lightly with a tissue or a soft clean cloth, just as you might clean eyeglasses.

The Polaroid Album #129 is especially designed for SX-70 pictures and is convenient and easy to use.

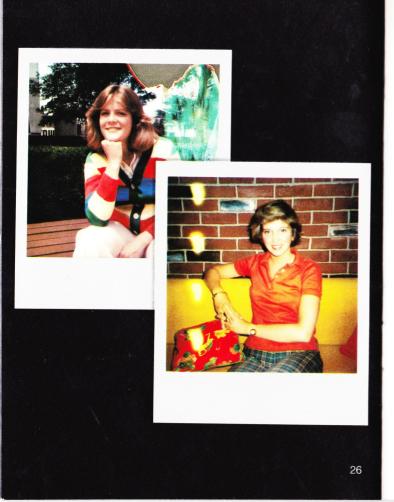
SX-70 pictures are among the most stable known in photography. You can display them in normal home or office lighting without concern about fading.

# TROUBLESHOOTING

# Fuzzy or blurred pictures can be caused by . . .

- moving the camera during the exposure. It is important to hold the camera steady as you squeeze the shutter button, until the film is ejected from the camera.
- taking a picture in other than bright daylight without using flash (right picture). For best results outdoors in other than bright daylight, place the camera on a firm support or use a tripod, or use flash.
- the subject closer than 4 ft. (left picture). Your camera was designed to give sharp, crisp pictures of subjects 4 or more ft. away.
- movement of the subject during the exposure. You'll get the best "action" pictures outdoors in daylight when your subject is moving toward you, rather than across the frame at a right angle to the camera. But indoors, the Q-Light's high-speed flash will stop most action for remarkably sharp pictures.

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# Part of image area blank

The film pack may have been damaged before picture taking, perhaps by being squeezed during loading.

Also, developer chemicals may have leaked onto the rollers inside the camera and onto the back of the picture. Clean the rollers as described on page 21. Avoid contact with the developer chemicals (see the caution notice on the film box).

If this problem persists with any one pack, remove it and insert a new one.

# Repeated spots or bars on pictures

The rollers inside the camera are dirty. Clean them as described on page 21.



# If the camera does not eject the film cover:

- 1. Press the shutter button. If the cover is not ejected, in dim light remove the film pack, then reinsert it.
- 2. If the cover still is not ejected, remove the pack (its battery may be dead) and insert a new one.

# If the film is not ejected when you press the shutter button:

- 1. Check the picture counter; the film pack may be empty.
- 2. Check the flash.

If you're using a FlashBar and all the bulbs on one side have been fired, your camera will not operate until you reverse the FlashBar or insert a new one.

If the camera does not operate when an unused side of a FlashBar faces front, reverse the FlashBar or insert a new one. If you can then take a picture, the first side of the FlashBar was defective. Contact Customer Service. If you're using Polaroid's new Q-Light, it signals the camera not to operate when the unit is turned off or not fully charged — so you won't waste film. Check the flash controls to be sure the unit is on and fully charged.

- 3. In dim light, pull the film pack out until the shutter button clicks forward. Reinsert the pack. The film should come out when you close the door. If the top piece of film is pushed forward when you reinsert the pack, pull that piece out. Then close the door.
- 4. If the above fail to get your camera working,

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insert a new film pack. The battery in the first pack may be dead.

# If the film cover or film is ejected only part way:

- 1. Release the film shade so it snaps back.
- 2. Pull the cover or film out.
- 3. If the camera still does not work properly, remove the film pack (its battery may be weak) and insert a new one.

If these remedies fail to get the camera operating, call Customer Service (see page 19).

# IMPORTANT INFORMATION ABOUT ELECTRONIC FLASH

Your camera was designed to use FlashBars and with a FlashBar will produce well-exposed pictures from 4 to 8 ft. When the FlashBar fires, the camera's electric eye measures the brightness of the light reflected from the scene and sets the correct exposure.

The light from an electronic flash is so brief, however, that the camera's electric eye cannot react to it. Therefore, the electronic flash you choose must have its own electric eye to give correctly exposed pictures over the unit's full flash range. In addition, it must be powerful

enough to give good exposure out to at least 8 ft. — the range of a FlashBar.

Units that do not automatically adjust the light output cannot provide well-exposed pictures of subjects at varying distances.

The Polaroid Q-Light #2351 is an electronic flash unit designed specifically for use with your camera. It automatically controls the light output and is powerful enough to provide well-exposed pictures from 4 to 9 ft.

As of February 1, 1979, the Q-Light was the only such unit available. However, it is expected that other units designed to work well with your camera will be marketed in the future by other manufacturers. For information about them, call Polaroid Customer Service toll free (see page 19). Units not listed by Customer Service may not give consistently good results with your camera.

These general rules apply to any electronic flash unit: Test it on your camera **at varying distances** before you purchase it. If you get poor picture results, try a FlashBar. If you get good pictures with a FlashBar but not with an electronic flash, the cause of the problem is the electronic flash, not the camera or film.

# REPAIRS

If you believe your camera may need repair, before you send it to us, call Customer Service toll free (see page 19) and explain the problem. You may be able to use your camera again right away, without repair.

Your camera dealer will return your camera for repair, should that ever be necessary. Or you may bring the camera to a Polaroid Service Center, which offers walk-in service. Many repairs can be made while you wait.

Or, you may mail the camera to Polaroid for repairs. Pack it carefully. Address it to the nearest Polaroid Service Center (see the next page) and send it by *insured* parcel post. (Upon request, we will send a sturdy pre-addressed shipping carton to you anywhere in the continental U.S.A.) Include a note describing the problem and, if you can, pictures that illustrate it.

# **FILM REPLACEMENT**

Return any film pack that has a dead or weak battery to Polaroid or to your dealer, and we will replace it — provided the film has not passed the expiration date on its box.

# POLAROID SERVICE CENTERS AND OFFICES

#### California

Polaroid Corporation 2040 E. Maple Avenue El Segundo 90245 Telephone: (213) 322-6206

#### Georgia

Polaroid Corporation 5601 Fulton Industrial Blvd., S.W. Atlanta 30336 Telephone: (404) 346-1717

### Hawaii

Polaroid Corporation Suite 153 841 Bishop Street Honolulu 96813 Telephone: (808) 524-3911

#### Illinois

Polaroid Corporation 2020 Swift Drive Oak Brook 60521 Telephone: (312) 654-5252

### Massachusetts

Polaroid Corporation 784 Memorial Drive Cambridge, Mass. 02139 Telephone: Within Massachusetts, call collect 864-4568. Out of state, toll free 800-225-1384

### **New Jersey**

Polaroid Corporation P.O. Box 607 W-95 Century Road Paramus 07652 Telephone: (201) 265-6900

#### Texas

Polaroid Corporation 9029 Governors Row Dallas 75247 Telephone: (214) 631-9500

### Puerto Rico

Polaroid Caribbean Corp. Charlyn Industrial Park Road 190, Km 1.7 Carolina 00630 Telephone: (809) 768-1119

Mailing address P.O. Box 2032 Carolina 00630

### Additional Service Centers:

Besides Polaroid's own Service Centers, there are many Authorized Service Centers in the U.S.A. To locate the one closest to you, call Customer Service toll free at 800-225-1384 from anywhere in the continental USA except Massachusetts and Alaska. From those states, call collect (617) 864-4568. We can be reached Monday through Friday, 8 a.m. to 5 p.m. your time. In Canada call toll free 800-268-6970.

### Australia

Polaroid Australia Pty. Ltd. Eden Park Estate 31 Waterloo Road North Ryde, N.S.W. 2113

Mailing address: P.O. Box 163 North Ryde, N.S.W. 2113

### Austria

Polaroid Ges. m.b.H. Postfach 66 Eitnergasse 13 1233 Wein

#### Belgium

Polaroid (Belgium) S.A.-N.V. 113 Rue Colonel Bourg Kolonel Bourgstraat 113 1140 Bruxelles-Brussel

### Brazil

Polaroid do Brasil Ltda. Rua Almirante Marques Leão 408 São Paulo 01330, S.P.

Mailing address: Caixa Postal 2908 São Paulo 01000

Canada Polaroid Corporation of Canada, Limited 350 Carlingview Drive Rexdale, Ontario M9W 5G6 Telephone: (416) 675-3680 Polaroid Service Centre 8449 Main Street

Vancouver, B.C. V5X 3M8

Telephone: (604) 324-5150

### Denmark

Polaroid A.S. Blokken 75 3460 Birkerød

#### France

Polaroid (France) S.A. Office: 57, rue de Villiers 92202 Neuilly

### Repairs:

1, rue Ambroise Croizat 95100 Z.1. Argenteuil

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### Germany

Polaroid GmbH Sprendlinger Landstrasse 109 6050 Offenbach

### **Great Britain**

Polaroid (U.K.) Ltd. Ashley Road St. Albans Hertfordshire AL 1 5PR

### Hong Kong

Polaroid (Far East) Limited 10th Fl. Block "B" Watson's Estate 8 Watson Road, North Point Hong Kong

### Italy

Polaroid (Italia) S.p.A. Via Piave 11 21051-Arcisate (Varese)

### Japan

Nippon Polaroid Kabushiki Kaisha Mori Bldg. No. 30 3-2-2, Toranomon Minato-ku Tokyo (105)

### Mexico

Michelmex S.A.\* Apartado Postal #6-952 Mexico 6 D.F.

### The Netherlands

Polaroid (Europa) B.V. De Boelelaan 32 1083 HJ Amsterdam

Repairs:

Parallelweg 37b 7511 EE Enschede

# New Zealand

Polaroid New Zealand Ltd. Augustus House 15 Augustus Terrace Parnell, Auckland 1

Mailing address: P.O. Box 37-046 Parnell, Auckland 1

### Norway

Polaroid (Norge) A/S Industriveien 8B Postboks 80 1473 Skårer

### Panama

Polaroid Interamerican, S.A. P.O. Box 2167 Colon Free Zone

### Singapore

Polaroid Singapore (Pte) Ltd. M-4 The Orchard 290 Orchard Road Singapore 9

Mailing address: Box 22 Pasir Panjang Post Office Singapore 5

### Sweden

Polaroid AB Ekholmsvägen 34 127 24 Skärholmen

# Switzerland

Polaroid A.G. Hardturmstrasse, 175 8037 Zürich

#### Venezuela

Micron C.A.\*
Apartado 70250
Ed. America, 4A
Transversal, Urb.
Horizonte
Caracas 107



### JOT IT DOWN

For a permanent record, please jot down this information.

Camera manufacturing lot number (see arrow)

Date of purchase

Where purchased (name of dealer)

\*Authorized Service Centers

P1671B 1/79 AC/AC

"Polaroid," "SX-70" and "OneStep"®

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