

EF Zoom Lenses

EF22-55mm f/4-5.6 USM	EF28-90mm f/4-5.6 USM	EF28-105mm f/4-5.6 USM
EF28-80mm f/3.5-5.6IV USM	EF28-90mm f/4-5.6II USM	EF35-80mm f/4-5.6 USM
EF28-80mm f/3.5-5.6V USM	EF28-200mm f/3.5-5.6 USM	

Instructions

Thank you for purchasing a Canon USM lens.

⚠ Safety Precautions

1. **Do not look at the sun or a bright light source through the lens or camera.** Doing so could result in loss of vision. Looking at the sun directly through the lens is especially hazardous.
2. **Whether it is attached to the camera or not, do not leave the lens under the sun without the lens cap attached.** This is to prevent the lens from concentrating the sun's rays, which could cause a fire.

⚠ Handling Cautions

If the lens is taken from a cold environment into a warm one, condensation may develop on the lens surface and internal parts. To prevent condensation in this case, first put the lens into an airtight plastic bag before taking it from a cold to warm environment. Then take out the lens after it has warmed gradually. Do the same when taking the lens from a warm environment into a cold one.

1. Mounting and Detaching the Lens

See your camera's instructions for details on mounting and detaching the lens.

- After detaching the lens, place the lens with the rear end up to prevent the lens surface and contacts from getting scratched.
- If the contacts get soiled, scratched, or have fingerprints on them, corrosion or faulty connections can result. The camera and lens may not operate properly.
- If the contacts get soiled or have fingerprints on them, clean them with a soft cloth.
- If you remove the lens, cover it with the dust cap. To attach it properly, align the lens mount index and the ○ index of the dust cap, and turn clockwise. To remove it, reverse the order.

2. Setting the Focus Mode

To shoot in autofocus mode, set the focus mode switch to AF ④. To use only manual focusing, set the focus mode switch to MF, and focus by turning the focusing ring.

- Do not touch the focusing ring on the lens during autofocus.
- When the optional hood is fitted to the EF22-55mm f/4-5.6 USM, EF28-80mm f/3.5-5.6 IV USM, EF28-80mm f/3.5-5.6 V USM, EF28-90mm f/4-5.6 USM, EF28-90mm f/4-5.6 II USM and EF35-80mm f/4-5.6 USM, focus by rotating the hood.

- When focusing manually, always set the switch to MF before rotating the focusing ring.

3. Zooming

To zoom, turn the lens' zoom ring ⑤.

- Be sure to finish zooming before focusing. Changing the zoom ring after focusing can affect the focus.

4. Aperture Setting

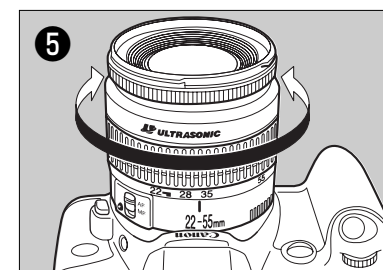
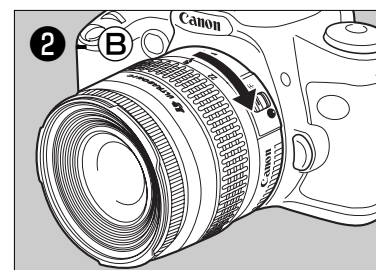
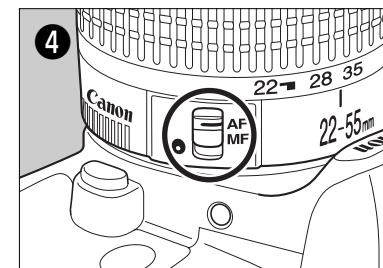
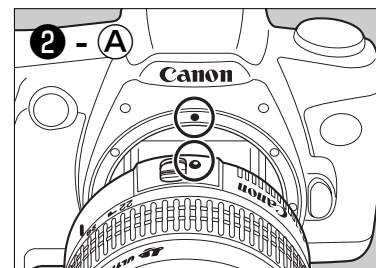
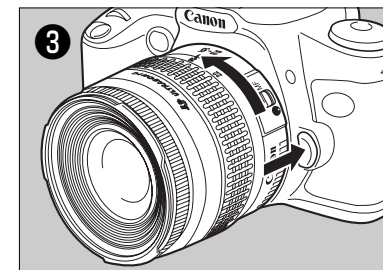
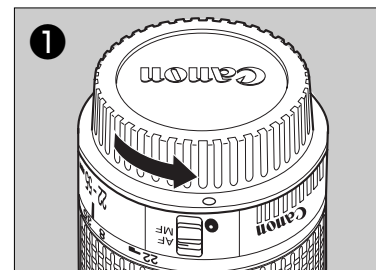
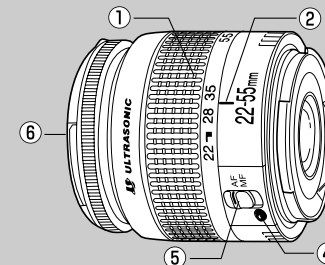
Aperture settings are specified on the camera.

The aperture changes according to the focal length.

However, special operation is not required since the camera automatically reads the aperture changes.

Nomenclature

- ① Zoom ring
- ② Zoom position index
- ③ Contacts
- ④ Lens mount index
- ⑤ Focus mode switch
- ⑥ Focusing ring



5. Hood (sold separately)

The hood can keep unwanted light out of the lens, and also protects the lens from rain, snow, and dust. Engage the hood attachment tabs on the lens with the tabs on the hood and turn the hood in the direction of the arrow to secure it to the lens ❸.

The hood can be reverse-mounted for storage ❷.

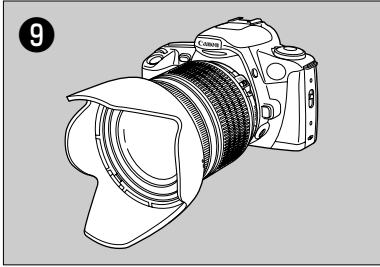
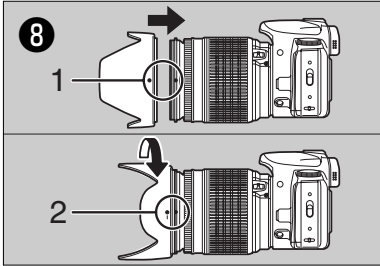
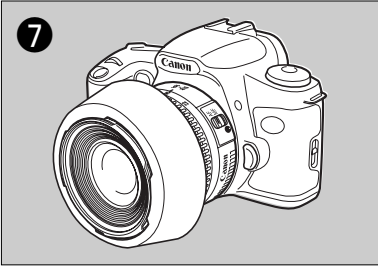
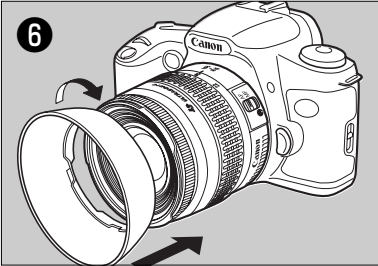
- To mount the hood on the EF28-105mm f/4-5.6 USM and EF28-200mm f/3.5-5.6 USM, align the hood’s attachment position mark with the red dot on the front of the lens, then turn the hood clockwise until the lens’s red dot is aligned with the hood’s stop position mark ❸, ❹.
- Part of the picture may be blocked if the hood is not attached properly.

6. Filter (sold separately)

The filter screws onto the front of the lens.

- Only one filter may be attached.
- If you need a polarizing filter, use Canon’s PL-C polarizing filter.

- The lens length is measured from the mount surface to the front end of the lens. Add 21.5 mm when including the lens cap and dust cap.
- The size and weight listed are for the lens only, except as indicated.
- Product specifications and appearance are subject to change without notice.



This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation. Do not make any changes or modifications to the equipment unless otherwise specified in the instructions. If such changes or modifications should be made, you could be required to stop operation of the equipment. This equipment has been tested and found to comply with the limits for a class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generated, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Consult the dealer or an experienced radio/TV technician for help.

This digital apparatus does not exceed the Class B limits for radio noise emissions from digital apparatus as set out in the interference-causing equipment standard entitled "Digital Apparatus", ICES-003 of the Industry Canada.

Le présent appareil numérique n’émet pas de bruits radioélectriques dépassant les limites applicables aux appareils numériques (de la classe B) prescrites dans le Règlement sur le brouillage radioélectrique édicté par le ministère des Communications du Canada.

Specifications

	Angle of view			Lens construction	Minimum aperture	Max. magnification and field of view	Min. focusing distance	Filter diameter	Hood	Max. diameter and length	Weight	Case
	Diagonal	Vertical	Horizontal									
EF22-55mm f/4-5.6 USM	90°-43°	57°-25°	79°-36°	9-9	22-32	22 mm:0.08X/295 × 454 mm (11.6"×17.9") 55 mm:0.2X/122 × 181 mm (4.8"×7.1")	0.35 m/1.15 ft	58 mm	EW-60D	66 × 59.4 mm (2.6"×2.3")	175 g/6.2 oz	LP1014
EF28-80mm f/3.5-5.6II USM	75°-30°	46°-17°	65°-25°	10-10	22-38	28 mm:0.098X/255 × 393 mm (10"×15.5") 80 mm:0.257X/91 × 135 mm (3.6"×5.3")	0.38 m/1.25 ft	58 mm	EW-60C	66.4 × 71.2 mm (2.6"×2.8")	200 g/7.0 oz	LP814
EF28-80mm f/3.5-5.6V USM	75°-30°	46°-17°	65°-25°	10-10	22-38	28 mm:0.098X/255 × 393 mm (10"×15.5") 80 mm:0.257X/91 × 135 mm (3.6"×5.3")	0.38 m/1.25 ft	58 mm	EW-60C	66.4 × 71.2 mm (2.6"×2.8")	200 g/7.0 oz	LP814
EF28-90mm f/4-5.6 USM	75°-27°	46°-15°10'	65°-22°40'	8-10	22-32	28 mm:0.10X/245 × 367 mm (9.7"×14.4") 90 mm:0.30X/81 × 121 mm (3.2"×4.8")	0.38 m/1.25 ft	58 mm	EW-60C	67 × 71 mm (2.6"×2.8")	190 g/6.7 oz	LP814
EF28-90mm f/4-5.6II USM	75°-27°	46°-15°10'	65°-22°40'	8-10	22-32	28 mm:0.10X/245 × 367 mm (9.7"×14.4") 90 mm:0.30X/81 × 121 mm (3.2"×4.8")	0.38 m/1.25 ft	58 mm	EW-60C	67 × 71 mm (2.6"×2.8")	190 g/6.7 oz	LP814
EF28-200mm f/3.5-5.6 USM	75°-12°	46°-7°	65°-10°	12-16	22-36	28 mm:0.08X/312 × 485 mm (12.3"×19.1") 200 mm:0.28X/87 × 130 mm (3.4"×5.1")	0.45 m/1.5 ft	72 mm	EW-78D	78.4 × 89.6 mm (3.1"×3.5")	500 g/17.6 oz	LP1116
EF28-105mm f/4-5.6 USM	75°-23°20'	46°-13°	65°-19°20'	9-10	22-32	28 mm:0.07X/365 × 566 mm (14.4"×22.3") 105 mm:0.19X/127 × 190 mm (5.0"×7.5")	0.48 m/1.57 ft	58 mm	EW-63B	67 × 68 mm (2.6"×2.7")	210 g/7.4 oz	LP814
EF35-80mm f/4-5.6 USM	63°-30°	38°-17°	54°-25°	8-8	22-32	35 mm:0.116X/212 × 328 mm (8.3"×12.9") 80 mm:0.247X/97 × 144 mm (3.8"×5.7")	0.38 m/1.25 ft	52 mm	EW-54	65 × 61 mm (2.6"×2.4")	170 g/6.0 oz	LP814