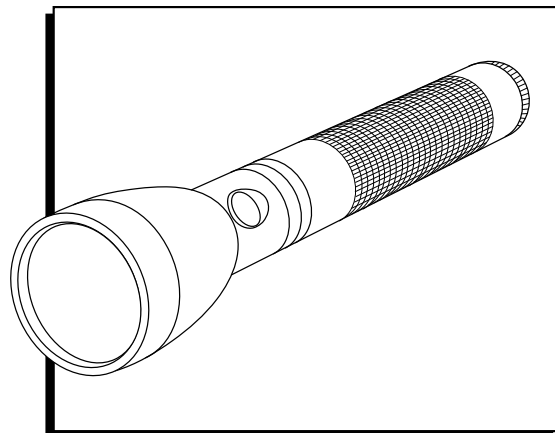


ULINE H-7423
RECHARGEABLE
MAGLITE® LED
FLASHLIGHT

1-800-295-5510
uline.com



SAFETY

Read all safety instructions before attempting to use the rechargeable flashlight. Keep these instructions for future reference. They contain important information about safe operation and maintenance of the product.



WARNING!

- This high-intensity flashlight is safe during normal, unobstructed use. It is not intended for use in hazardous environments, such as explosive areas, which require devices with appropriate hazardous certifications, such as "intrinsically safe" or "explosion-proof". Misuse, such as leaving the light on while the lens is blocked, can cause dangerous heat buildup, potentially resulting in fire.
- This flashlight is a high-intensity lighting device capable of causing eye damage to the user or others. Avoid shining the flashlight directly into anyone's eyes.
- As with any battery, do not short circuit, puncture or expose this device's battery to fire or excessive heat, as this may cause the battery to leak, rupture or explode.
- The charging cradle is not waterproof and should only be used in dry indoor locations. Exposing the device's charging system to liquids could cause shorting and possible fire and/or electric shock.
- Never try to disassemble, repair or alter the AC adapter, plug or charging cradle. Shorting and possible fire and/or electric shock could result. Contact Uline Customer Service for repairs.



CAUTION!

- The flashlight is not designed to operate with the face cap off and the LED exposed. If contacted directly, the exposed LED could become hot enough to burn skin, or to melt or scorch some heat-sensitive materials, e.g., plastics, rubber, cloth fabrics, etc.
- Any battery may leak harmful chemicals which may damage eyes, skin, clothing or the inside of the flashlight. To avoid risk of injury, never disassemble a battery pack, and do not let any material leaked from a battery come in contact with eyes or skin. In the event of contact with eyes or skin, wash the affected area immediately and obtain prompt medical attention.



NOTE: To reduce the risk of harm to your flashlight:

- Locate power cord away from foot traffic and other causes of abrasion or stress.
- Never pull on the power cord when unplugging the AC adapter. Grasp the plug directly.
- Do not use non-rechargeable batteries in the flashlight. Use only an original rechargeable battery pack.
- For prolonged storage, remove the battery pack and store it separately in a non-conductive wrapping, such as a plastic bag.
- Carefully follow all maintenance steps in these instructions.

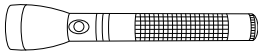
SAFETY CONTINUED

- Always use genuine replacement parts and accessories. Never connect the flashlight to an auxiliary product that has not been approved by the manufacturer. Doing so may damage the product and void your warranty.
- Discontinue use immediately if you notice changes in the battery such as swelling, discoloration or leakage.
- Recharge the battery at temperatures between 32°F and 140°F. Charging outside this range may reduce battery capacity.
- This product is not a toy and is not intended or recommended for use by children.
- Keep the flashlight and all components out of the reach of small children; small parts present a choking hazard.

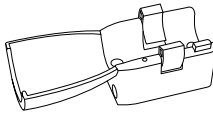
BATTERY DISPOSAL

- Cover the metal terminals with insulating tape before disposal to prevent accidental short-circuiting.
- Never dispose of a battery pack by throwing it into a fire. Battery explosion could result.
- Never discard a used battery pack with ordinary solid wastes, since it contains toxic substances.
- The sealed Lithium Iron Phosphate (LiFePO₄) battery stick supplied with your flashlight must be recycled or disposed of properly. Contact your local solid waste authority for proper recycling or disposal information.

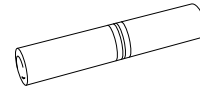
PARTS



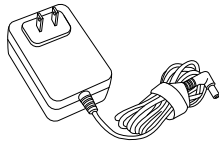
Flashlight x 1



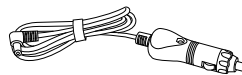
Charging Cradle x 1



Rechargeable Battery (LiFePO₄) x 1

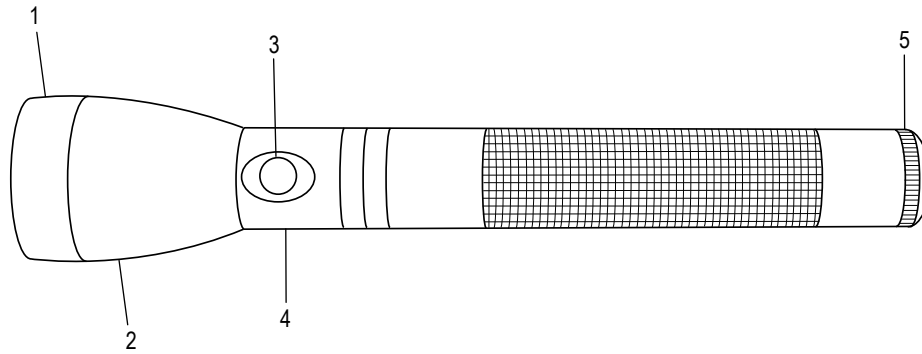


120 Volt Converter (US) x 1



12 Volt Adapter (Automobile) x 1

TECHNICAL INFORMATION



#	DESCRIPTION
1	Face Cap
2	Head
3	Switch
4	Serial Number
5	Tail Cap

SETUP

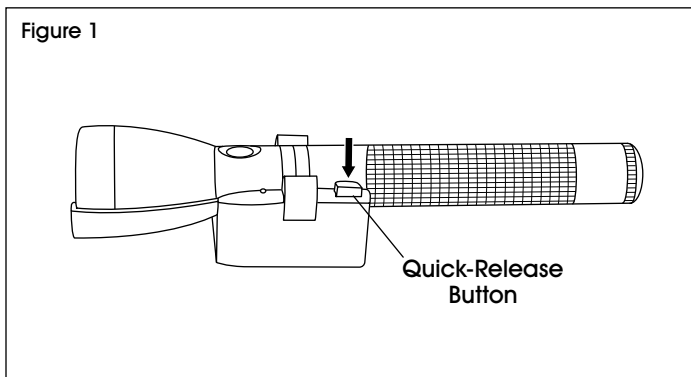
CHARGING

Charging Cradle Input

- 12-14 volts (automotive installations)
- 120-240 volts AV when used with a converter for charging indoors

To remove from charging cradle: Grasp the flashlight, press the quick-release button and lift up. (See Figure 1)

Figure 1

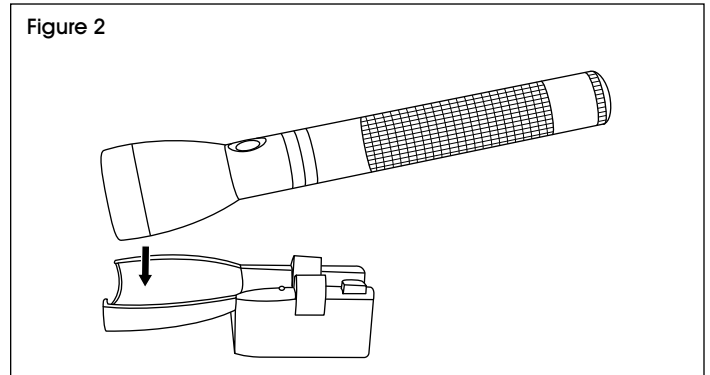


To return to charging cradle: Place the front end of the light into the front end of charging cradle and lower the flashlight until it clicks into place. (See Figure 2)



NOTE: The quick-release button requires very little force to remove and return the flashlight to the charging cradle.


Figure 2




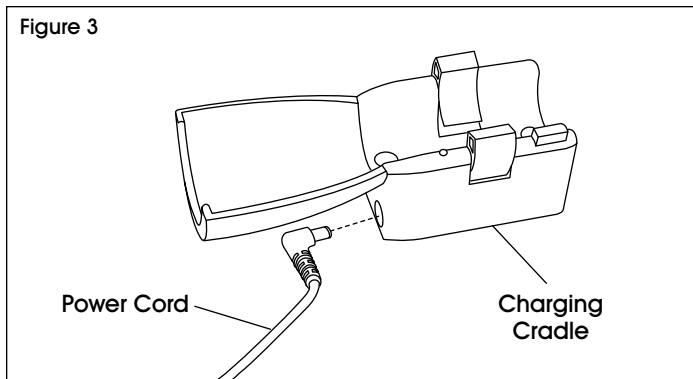
SETUP CONTINUED

MOUNTING

1. Locate and mount the cradle using appropriate screws and anchors for the location and material.
2. Attach end of DC power cord or AC converter to charging cradle by inserting round plug into power connection port in the side of the charging cradle. (See Figure 3)

 **NOTE:** Never pull on the power cord when unplugging the AC adapter. Grasp the plug directly.

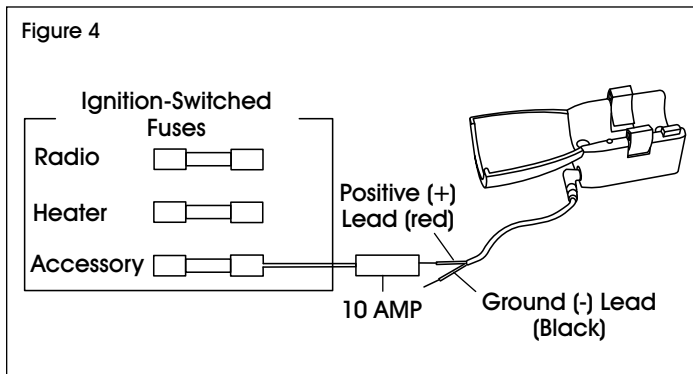
 **CAUTION!** Ensure cable is not pinched. A pinched cable can cause a short, melt the wire insulation and start a fire.




VEHICLE INSTALLATION

 **NOTE:** For 12-14 volt only. Not for 24-volt systems.

A 6' power accessory cord is available to facilitate the direct wiring of the rechargeable system. Using an ignition-switched circuit (fused for 10 or 15 AMPS) is recommended. This is most often the radio or accessory fuse. The positive (+) lead (red) is connected to the fuse output, and the ground (-) lead (black) wire should be attached to a metal part of the chassis, which serves as a battery ground return. (See Figure 4)



 **NOTE:** For maximum protection of charging cradle and vehicle, it is recommended that a 10 AMP slow blow fuse is installed in the positive (+) lead (red).

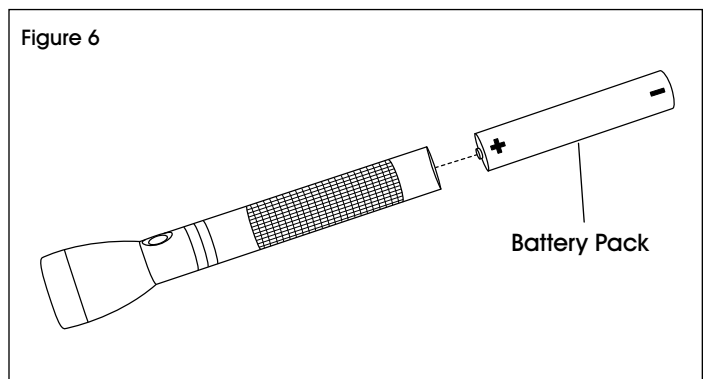
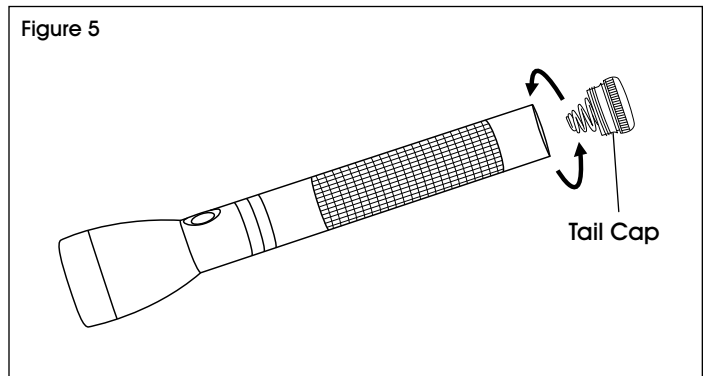
BATTERY

Battery is shipped in uncharged state. For optimum operation, battery should be charged for six hours before using for the first time.

After the first six-hour charge, the total time to fully charge a fully discharged battery is approximately 2.5 hours.

After removing the flashlight from the charging cradle, unscrew the tail cap and insert battery pack into the barrel. The positive (+) end (the end with a button) goes into the barrel first. Screw on the tail cap and ensure it is tight. (See Figures 5-6)

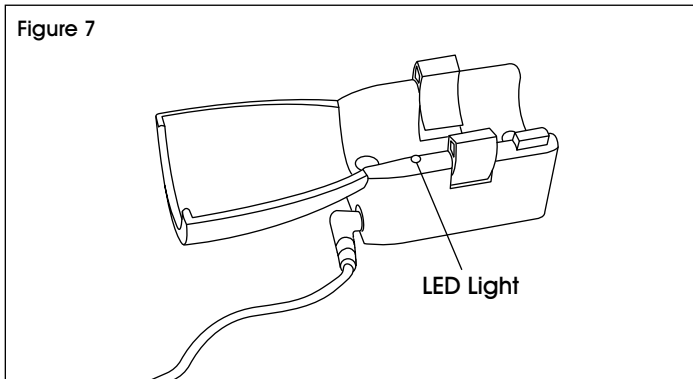
 **NOTE:** Large end of the battery spring must be snapped into the tail cap.



SETUP CONTINUED

FIRST CHARGE

1. Connect charging cradle to the AC converter or DC accessory cord.
2. Plug into wall receptacle (AC) or DC power source cord.
3. Ensure charging cradle indicator LED is green. (See Figure 7)



4. Ensure flashlight tail cap is tight.
5. Place flashlight into charging cradle.



WARNING! Never allow battery to short circuit and do not expose this device's battery to fire or excessive heat, as this could cause the battery to leak, rupture or explode.



NOTE: For prolonged storage, remove the battery pack and store it separately in a non-conductive wrapping, such as a plastic bag. Cover the metal terminals with insulating tape before disposal to prevent accidental short-circuiting.

CHARGING CRADLE MODES

The charging cradle is provided with an LED that indicates battery charge status by blinking and changing color, as seen in the accompanying chart.

Charging: Battery charge level is below 80% and will fast charge for up to six hours (maximum charge time for a deeply discharged battery). Typical charge time is 2.5 hours.

Top Off/Maintenance: Battery charge level is at (or above) 80% and will be slow charged to top off.

Idle: Battery charge level is at 100% and charging has stopped or there is no light in the cradle.

Fault: Charger input/output voltage is below the minimum threshold for normal operation, a short-circuit is detected, or a component failure has occurred.

BATTERY STATE	CHARGER MODE	LED INDICATOR
0-80%	Charging	Orange
> 80%	Top Off/Maintenance	Blinking Green
100% - No Light	Idle	Green
Unknown	Fault	Blinking Red



NOTE: The cradle automatically shuts off when it detects that the flashlight has taken a full charge. If the flashlight sits idle in the cradle for a long enough time to lose a little of its charge, the cradle detects that and applies a "top off/maintenance" charge and will stop charging when the charge is back up to 100%. The cradle will never overcharge the flashlight.

OPERATION

SWITCH OPERATION

Flashlight has five functions:

- Full Power
- Low Power
- Strobe (flashes 12 times per second)

- Eco
- Momentary On/Off (stays on only while the switch button is held down).

Not all functions are equally important to every user. The flashlight offers user-configurable function sets that allow the user to personalize the settings for the quickest access to the functions used most.

FUNCTION SET	1 GENERAL (DEFAULT)	2 OUTDOOR	3 LAW ENFORCEMENT	4 TACTICAL
1 Click	Full Power	Full Power	Momentary	Momentary
2 Clicks	Low Power	Low Power	Full Power	Full Power
3 Clicks	Eco	Strobe	Eco	Strobe

USING A FUNCTION SET

Flashlight is set to the "General (Default)" function set. If you require only those three functions (full power, low power and eco), then you never have to change it. You can select a function within that set by the "Quick Click" method:

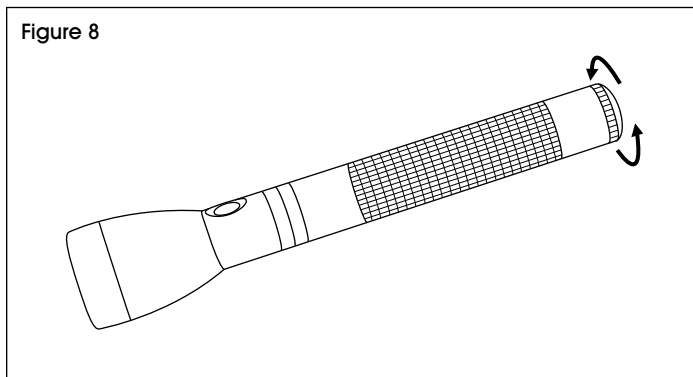
1. Turn the flashlight on with one quick click and it is on at full power.
2. Turn it off, then turn it on with two quick clicks and it turns on at the low power function.
3. Turn it off, then turn it on with three quick clicks and it turns on at the Eco function.

CHANGING FUNCTION SETS

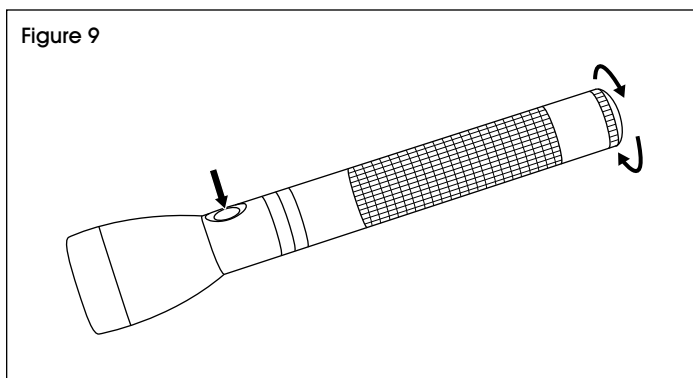
METHOD 1

1. Unscrew the tail cap, backing it out of the barrel far enough that the flashlight will not turn on. (See Figure 8)

 **NOTE:** This may require the tail cap to be removed from the barrel entirely.



2. Pause for two seconds.
3. Press the switch button and keep holding it down.
4. While still holding down the switch button, screw the tail cap back in until it is tight. (See Figure 9)





5. Keep holding down the switch button. Within about four seconds, the flashlight will start to blink. The number of blinks indicates the new selected Function Set.
 - Releasing after one blink chooses Function Set #1.
 - Releasing after two blinks chooses Function Set #2.
 - Releasing after three blinks chooses Function Set #3.
 - Releasing after four blinks chooses Function Set #4.
6. To choose a new function set, release the switch button after the corresponding number of blinks.

The chosen function set remains in effect until you change it by repeating the above process.

METHOD 2

1. Click the light into HIGH mode and hold the button down for five seconds.

 **NOTE:** If the light is currently configured for Function Set 1 or 2, then the user will begin from the OFF mode. Click once and hold.

 **NOTE:** If the light is currently configured for Function Set 3 or 4, then the user will begin from OFF mode. Click twice and hold.

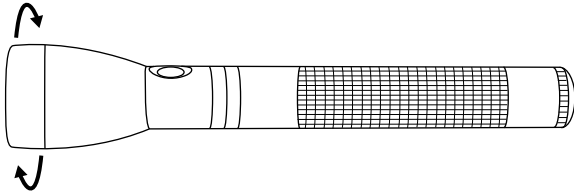
2. After five seconds, the light will quickly turn off and then back on again, indicating that the light is now unlocked. The function set can be changed at turn-off and without loosening the tail cap (traditional method).
3. Release the button at any time.
4. Click and hold the button down for five seconds. Continue holding the button after the light turns off.
5. After three seconds, the light will begin to blink in successive patterns which represent a particular function set. To choose a new function set, release the switch button after the corresponding number of blinks.
 - Releasing after one blink chooses Function Set #1.
 - Releasing after two blinks chooses Function Set #2.
 - Releasing after three blinks chooses Function Set #3.
 - Releasing after four blinks chooses Function Set #4.

OPERATION CONTINUED

SPOT TO FLOOD BEAM

The quick focusing spot-to-flood beam operates with a quarter turn of the flashlight head assembly. (See Figure 10)

Figure 10



ADAPTERS

12 VOLT ADAPTER (AUTOMOBILE)

Plug the DC power cord's adapter into the 12-14-volt cigarette lighter receptacle of the vehicle.

Do not leave adapter plugged in for any extended period while the engine is off to avoid draining vehicle battery.



WARNING! This adapter is designed for 12-14-volt systems only. Do not use it to connect to a 24-volt circuit, as doing so can create excessive heat, possibly cause a fire, and damage electrical components.

120-240 VOLT CONVERTER (INDOOR)

After mounting the charging cradle in a proper location, plug the converter into an appropriate 120-240 volt wall receptacle.



NOTE: Total usable wire length is 6'.

MAINTENANCE

CLEANING

If dust settles inside the reflector, do not touch it. Remove dust gently using a camel hair brush or compressed air. Treat it with the same care you would give a precision camera lens.

To clean fingerprints from the reflector, use a camera lens cleaner and a lint-free cloth.

BATTERY PACK

Periodically (approximately every month) remove the battery pack from the flashlight and visually inspect for signs of gas or chemical leakage. Indications of leakage are discoloration of the plastic sleeve or white fuzzy material near the top (positive button) of each cell. Another indication would be a bulging deformation of the bottom (negative flat end) of the cell can. If these signs are observed, the battery pack should be removed from service to prevent chemical damage to the inside of the flashlight.

ELECTRICAL CONTACTS

The bare (bright) metal surfaces between the tail cap and barrel must be cleaned periodically to ensure a good electrical contact. Also keep the tail cap spring clean.

O-RING SEALS AND SCREW THREADS

To keep seals from drying out and the threads operating smoothly, apply several drops of clean petroleum oil or jelly to these surfaces two or three times a year.

ANODIZED EXTERIOR FINISH

The protective finish on the flashlight is very durable; however, constant exposure to sunlight, water, chemicals, gases, etc., will dull, discolor and eventually destroy the protective finish. Take care to avoid harsh environments.

STORAGE

If not using the flashlight for long periods of time (four months or more), it is recommended you remove the battery pack from the flashlight to prevent chemical damage (acid leaks).

SPECIFICATIONS

FLASHLIGHT

Body	Aluminum Alloy
Finish	Hard, type III, aircraft anodized (inside and out)
Length	10 ¹¹ / ₁₆ "
Weight (with battery pack)	2.25 lbs.
Head Diameter	1 ⁵ / ₁₆ "
Barrel Diameter	1 ³ / ₁₆ "
Battery	6.4V lithium iron phosphate (LiFePO ₄); rechargeable
Lens	Polycarbonate

CHARGING CRADLE

Volts	Accepts 12-14 volts DC
Charging Circuit	Solid-state
Charge Rate	2,500 mA
Charge Indicator	Multi-color LED

CONVERTER

Volts	120-240 volts AC, 50/60 Hz
Output	12 volts DC

TROUBLESHOOTING

OPERATING ISSUE	RECOMMENDATIONS
Flashlight does not light.	<p>Ensure battery is installed, with positive (+) end toward head of flashlight.</p> <p>Ensure large end of battery spring is snapped into tail cap.</p> <p>Tighten tail cap. Ensure unplated areas of tail cap and barrel are clean.</p>
Unsure if battery is charged.	<p>Check battery charge.</p> <ol style="list-style-type: none"> 1. Place flashlight in recharger/cradle. Ensure LED lights up. 2. Charge for 15 minutes. Check for light. If it lights (even momentarily) charge flashlight. 3. If it does not light, replace battery.
Switch sticks.	<p>Call Uline Customer Service at 1-800-295-5510 for assistance.</p>
Flashlight works intermittently.	<p>Check for damage to battery casing.</p> <p>Foreign particles inside barrel.</p>

TROUBLESHOOTING CONTINUED

OPERATING ISSUE	RECOMMENDATIONS
Poor or no spot.	Ensure battery is installed correctly. Ensure battery is charged. Clean the lens. Check the mode and tighten all parts. Open the head and check the emitter.
Recharger/cradle LED indicator does not light.	Tighten tail cap. Check plug connection to converter. Check plug to power source. Ensure large end of battery spring is snapped into tail cap.

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