



ASAP[®]



**magazine not included*

Electronic Magazine Loader

223/5.56 Universal AR15

Part No. BCAAR15EML

Instruction Manual

**WARNING: THIS PRODUCT CAN CAUSE SERIOUS INJURY OR DEATH !
THOROUGHLY READ INSTRUCTIONS BEFORE OPERATING !**



IMPORTANT SAFETY INFORMATION


IMPORTANT: PLEASE READ ALL INFORMATION FIRST

Before using your Butler Creek® ASAP Electronic Magazine Loader, read this instruction manual carefully to fully learn how to safely operate the loader. **Failure to properly operate the loader can result in severe personal injury and/or equipment damage.** If you have read these instructions and still do not understand some operation, call us at 1-800-423-3537 and a technician will assist you. This instruction manual contains specific safety and operating information. It should be considered a permanent part of your equipment and remain with the equipment at all times for easy reference.

SAFETY GUIDELINES

- Always wear safety glasses.
- Read and understand all warnings and instructions accompanying your equipment and components. If you do not have written instructions, request a copy from the manufacturer. Keep instructions for future reference.
- Do not smoke while loading magazines, or load magazines near sources of heat, sparks or flame.
- Keep your hands and fingers away from “danger” spots and pinch-points where they might be injured.
- Keep all packing material out of reach of children.
- This device is not intended for use by individuals with restricted physical, sensory or mental capacities or those with a lack of experience and/or knowledge, including children, unless they are supervised by an individual who is responsible for their safety or have received training in operating the device.

As Butler Creek® has no control over the personal selection, quality or condition of magazines and/or ammunition used, Butler Creek assumes no liability, expressed or implied, for damage occurring to these items while in use.


 **WARNING!** Only use factory manufactured .223 Rem. ammunition that meets SAAMI specifications or 5.56X45mm ammunition built to U.S. Military Standard. Do not use reloaded ammunition. Do not attempt to load ammunition that is incompatible due to size as this will cause the loader to malfunction and reduce product life. Do not use ammunition with steel cartridge casings. Only use ammunition with brass or nickel plated casings. Avoid multiple loading and reloading of magazines with the same ammunition as this may damage the cartridge’s crimp and/or create bullet set-back. Not recommended for use with ammunition with a large hollow point. Failure to follow these warnings may result in personal injury and/or damage to your Butler Creek ASAP Electronic Magazine Loader.



WARNING! Before using this product, read and follow these instructions carefully. Failure to do so could result in serious injury or death, or property damage.

If you have any questions while setting up or operating this product,
call us at 1-800-423-3537

This manual contains important safety and operating information. Keep this as a permanent part of your loading equipment. If lost, contact us for a replacement.

 **WARNING!** This product is designed to only operate with Lithium based batteries. Lithium batteries can overheat and cause damage if physically abused. Do not use any batteries that are damaged or show signs of physical wear. Never use a mix of old and new batteries, batteries with different brand names and/or variable battery types.

FCC Statement

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.

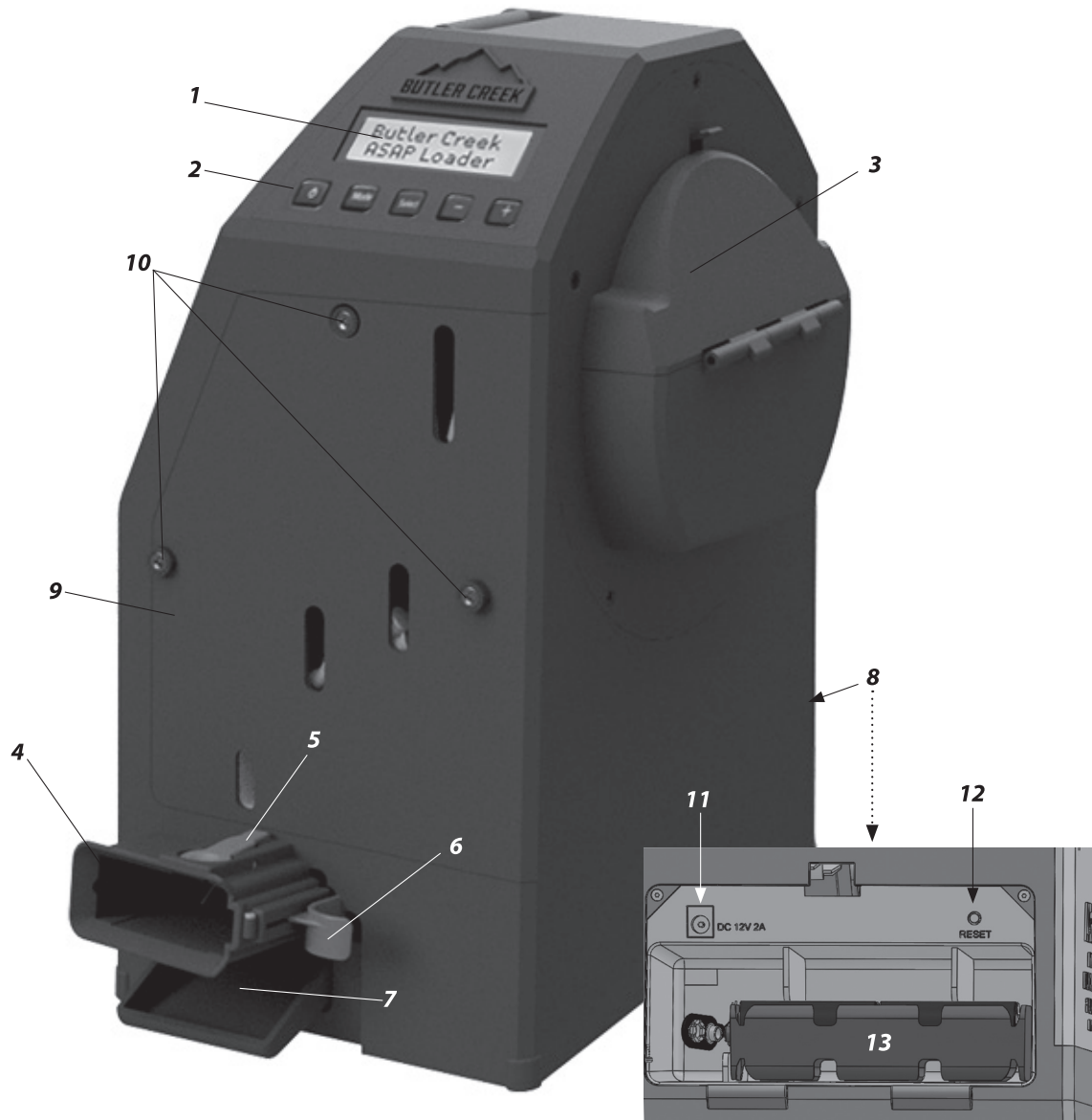
This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate 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.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

Shielded interface cable must be used with the equipment in order to comply with the limits for a digital device pursuant to Subpart B of Part 15 of FCC Rules. Specifications and designs are subject to change without any notice or obligation on the part of the manufacturer.

Butler Creek ASAP Electronic Magazine Loader - PARTS/CONTROLS GUIDE

NOTE: The parts, appearance and physical details of the final product are subject to change and may vary from the images used in this instruction manual.



1. LCD Display
2. Control Buttons (**Power**, **Mode**, **Select**, -, +)
3. Hopper Door
4. Magazine Well
5. Magazine Release Button
6. Ammo Release Lever
7. Ammo Return Tray

Note: Power Button is referred to as "I/O" in the display screens.



8. Battery Compartment (*see inset closeup*)
9. Side Panel
10. Side Panel Thumbscrews
11. Power Input Jack (for supplied AC adapter)
12. Reset Button
13. Battery Holder (for 8x AA, Lithium ONLY)

1. POWER ON ASAP LOADER

- Connect provided AC/DC power supply to power input jack on rear of unit (see *Parts Guide*, pg. 3) or insert 8 lithium AA batteries (*not included*) into the battery holder (*observing correct +/- polarity markings*), then insert the holder into the battery compartment. **Note: the ASAP loader will not function correctly if powered by alkaline or other battery types. Lithium AA batteries are required for operation when not powered by AC.**
- To power on the ASAP Loader, press and **hold** the **Power** button ("I/O"). The LCD display will light up and display the booting (startup) (*Fig. 1,2*), system ready (*Fig. 3*), and product name and current firmware version screens (*Fig. 4*).
- Continue holding the **Power** button until the System Ready message (*Fig. 2*) is displayed. This will take approximately 4-5 seconds.
- The ASAP Loader will then display the home screen (*Fig. 5*, see "Select Number of Rounds to Load" below).

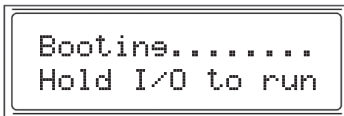


Fig. 1

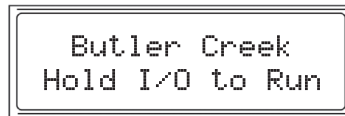


Fig. 2

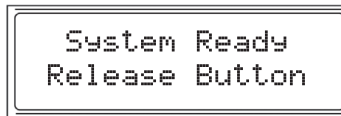


Fig. 3

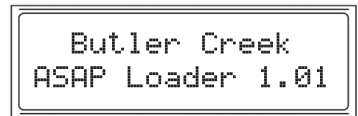


Fig. 4

2. LOAD AMMO INTO THE HOPPER, INSERT EMPTY MAGAZINE

- Make sure loader power is on (see *previous section*). Open the Hopper Door and insert **not more than 60** loose .223 Rem./5.56x45mm rounds into the Hopper. **Adding more than 60 rounds will cause the loader to malfunction and reduce product life.** Keep the Hopper Door open during the loading process. Insert the magazine into the Magazine Well until it clicks into place.

⚠ WARNING! When operating the Butler Creek ASAP Electronic Magazine Loader, only use factory manufactured .223 Rem. ammunition that meets SAAMI specifications or 5.56X45mm ammunition built to U.S. Military Standard. Do not load incompatible ammunition as this will cause the loader to malfunction, reduce product life and void the warranty.

3. SELECT NUMBER OF ROUNDS TO LOAD

- From the home screen (*Fig. 5*), press the **Minus** or **Plus** ("-"/"+") button to view the Load Quantity screen (*Fig. 6*).
- Press the **Minus** or **Plus** button to change the number of rounds you wish to load into the magazine. Once the desired count is reached (*Fig. 7*) press the **Select** button to lock in the new quantity. The display confirms the new quantity has been selected (*Fig. 8*).
- The display will return to the home screen, which now displays the new quantity (*Fig. 9*).



Fig. 5

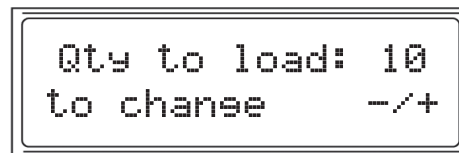


Fig. 6

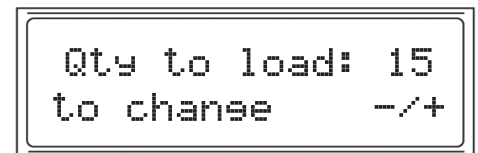


Fig. 7

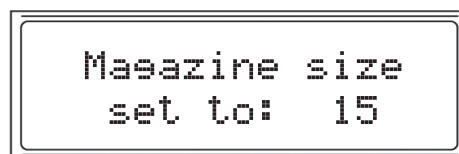


Fig. 8

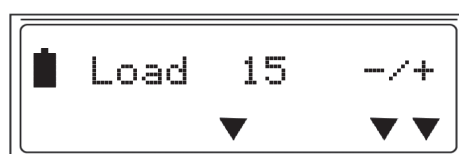


Fig. 9

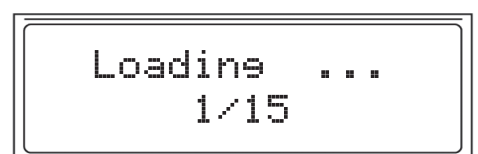


Fig. 10

4. LOAD THE MAGAZINE(S)

- Press the **Select** button while viewing the home screen (*Fig. 9*). Loading will begin.
- While the loading is in progress the screen will display the current number of rounds loaded into the magazine, along with the total quantity that was selected for loading (*Fig. 10*).
- If there is no magazine in place, you will be prompted to insert a magazine (*Fig. 11*).

- When the loading is complete, the display confirms the number of rounds loaded (*Fig. 12*). After 3 seconds the screen will prompt the user to remove/replace the magazine (*Fig. 13*), then 3 seconds later it will again display the rounds loaded screen (*Fig. 12*). This cycle continues until the magazine is removed and the display returns to the home screen (*Fig. 5 or 9*). Remove the loaded magazine.
- Remove ammunition from the chute with the ammo release lever. Failure to do so may create a jam in the chute when attempting to load your next magazine.
- If you pause or stop the loading operation by pushing the **Power** button, after any quantity of ammo has been loaded already, the Continue? screen will be displayed, indicating the number of rounds loaded/total quantity (*Fig. 14, example indicating 2/15 loaded*). If no ammo has been loaded yet, the Continue loading screen will be displayed (*Fig. 15*).
- If you select “No” from the Continue? (or Continue loading) screen by pressing the **Power** button, you will see the Restart screen (*Fig. 16*). **NOTE: if no ammo was loaded** into the magazine, the home screen (*Fig. 4 or 7*) will be displayed.
- If you select “Yes” from the Continue? screen by pressing the **Select** button, you will see the Loading screen (*Fig. 10*).
- To load another magazine with the same number of rounds simply remove the loaded magazine. Insert a new magazine and press the **Select** button to begin loading.

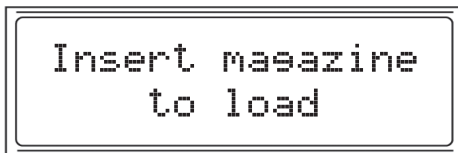


Fig. 11

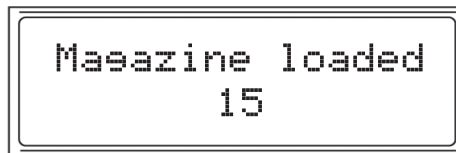


Fig. 12

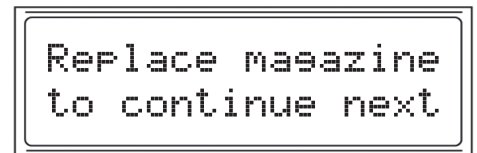


Fig. 13

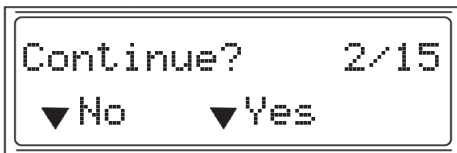


Fig. 14

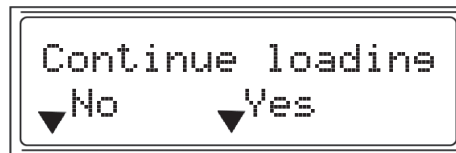


Fig. 15



Fig. 16

5. POWER OFF ASAP LOADER

- From the home screen (*Fig. 5 or 9*), turn the ASAP Loader off by pressing and holding down the **Power** button until the Power Off message (*Fig. 17*) is displayed. After you release the **Power** button the display will again display the boot screen (*Fig. 1 & 2*). The unit is now in power down mode and will turn off after 25 seconds.

REMOVING AMMUNITION FROM THE ASAP LOADER

- **All ammunition should be removed from the loader before storing it**, or changing to a different type of compatible ammunition. **Ensure that there is no magazine inserted in the Magazine Well.** Press the **Mode** button while on the home screen (*Fig. 5 or 9*).
- When the “Empty hopper” screen (*Fig. 18*) is displayed press the **Select** button.
- The internal hopper will start rotating and dispense any remaining ammo through the chute. The messages on the LCD will indicate the status (*Fig. 19*).
- When rounds are ready to be released from the loader the Release Ammo message (*Fig. 20*) will be displayed.
- Pull the Ammo Release Lever on the right side of the Magazine Well (*see Parts Guide, #6*).

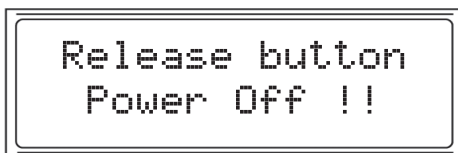


Fig. 17

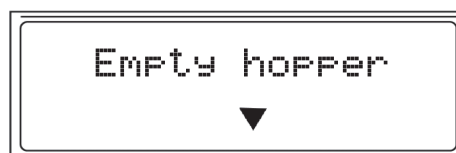


Fig. 18

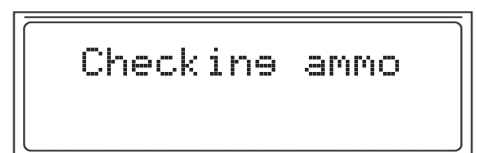


Fig. 19

- The Hopper will continue to rotate and check the sensors for ammo. If ammo is not detected for 15 seconds, the loader will stop the process and the display will confirm that the hopper is empty (*Fig. 21*). The hopper will dispense 4-5 rounds to the ammo chute. Once the Ammo Release lever is activated and the ammo is dispensed into the ammo release tray the hopper will begin dispensing another 4-5 rounds. This process will continue until the hopper is empty.
- If the loader experiences a jam during the unloading process, stop the process and clear the jam as described in the Troubleshooting section. Once the jam is cleared, the unloading process can be restarted.



Fig. 20

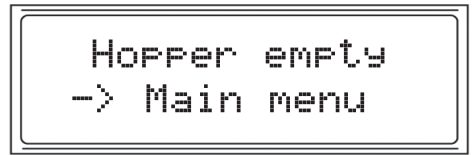


Fig. 21

USER ALERT MESSAGES

- **Hopper Jam Recover:** During normal operation, it is not uncommon for cartridges to get wedged between the hopper wheel and delivery chute. When this happens, "Hopper jam recover" will display (*Fig. 22*). The loader will make three attempts to recover. You will see "Hopper jam recover" flash at each attempt. If the loader is unable to recover, a "Recover failed clear hopper jam" message will display (*Fig. 23*). This will hold for 3 seconds, then the message "Try again? No / Yes" will display for 3 seconds (*Fig. 24*). The display will alternate between these two error messages until either Yes or No is selected. If "No" is selected, the loader will default back to the home screen. If "Yes" is selected, the hopper wheel will resume the loading process.
- **Mag Jam Recover:** If the loader experiences higher than normal resistance while seating a round in the magazine, it will display the "Mag jam recover" message (*Fig. 25*). The loader will make three attempts to recover. You will see "Mag jam recover" flash at each attempt. If the loader is unable to recover, "Recover fail" message will display (*Fig. 26*). It is possible to see this error if the loader is attempting to load more rounds in the magazine than the free capacity allows. Remove the magazine and visually verify all rounds are removed from the Magazine Well. It may be necessary to actuate the Ammo Release Lever (*see Parts Guide, #6*) to clear ammo in the Magazine Well. **Notice: Never use the Ammo Release Lever while a magazine is inserted in the Magazine Well, as it could potentially damage the unit.** Insert an empty magazine and continue loading. After clearing a jam, the loader will continue loading where it left off and will not reset its count to zero. **Example: if 2 out of 10 rounds were loaded in magazine prior to jam, after the jam is cleared and loading process restarted, the loader will resume with round 3 of 10.**
- **Remove Magazine - Clean the Chute:** if a jam occurs in the chute area, the message "Remove magazine Clean the chute" will display for 3 seconds (*Fig. 27*), followed by "Jam at chute remove sideCover" which will display for 3 seconds (*Fig. 28*). The display will flash between these messages every three seconds. Depress the I/O button to pause the reloading cycle. Remove the side panel and clear jam out of chute area. Replace side panel and resume loading. Ensure side panel thumbscrews are only "finger tight" when reinstalling, do not overtighten.



Fig. 22

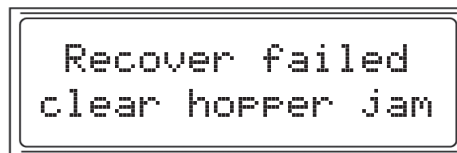


Fig. 23

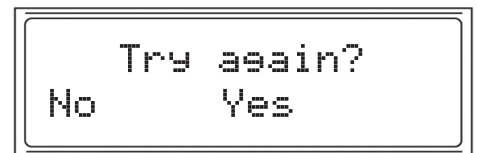


Fig. 24

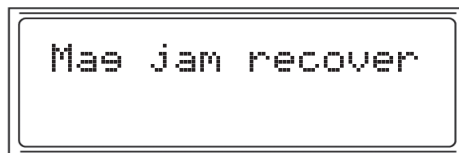


Fig. 25



Fig. 26

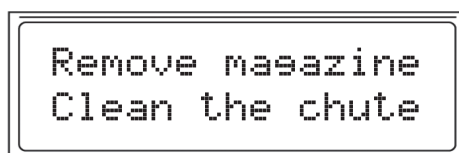


Fig. 27

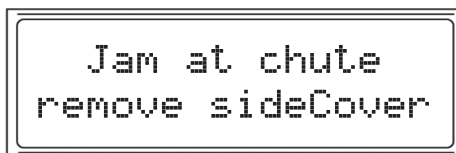


Fig. 28

USER ALERT MESSAGES

- **Replace Magazine:** If you press **Select** from the home screen to load another magazine, but have not removed the previous fully loaded magazine, the loader will display the “Replace magazine to continue next” message (*Fig. 29*).
- **No Ammo Detected:** When the hopper is running low or without ammo, it will display the “No ammo detected” message (*Fig. 30*). Load more ammo into the hopper and continue the loading process.
- **Insert Magazine to Load:** If a magazine is not present or correctly inserted into the Magazine Well, the ASAP Loader will display “Insert magazine to load” (*Fig. 31*). Insert or re-insert the magazine, and ensure that it properly locks into the Magazine Well with an audible click.
- **Waiting for Ammo to Dispense:** This message (*Fig. 32*) is displayed when ammo is running low in the hopper, and the unit is waiting for more ammo to be picked up by the hopper wheel.
- **Motor Recalibrate:** If the normal operation of the motor is interrupted for any reason, “Motor recalibrate...” will be displayed (*Fig. 33*) and the unit will automatically attempt to recover. If recovery is successful, you will see “Recovery done” (*Fig. 34*).

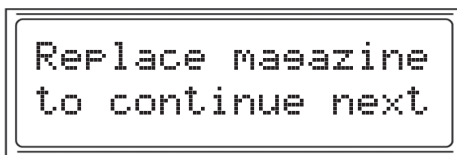


Fig. 29

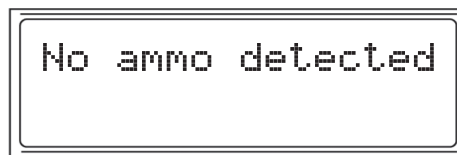


Fig. 30

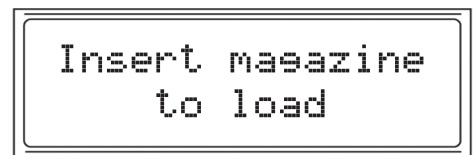


Fig. 31

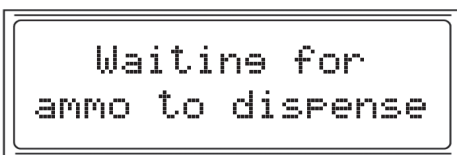


Fig. 32

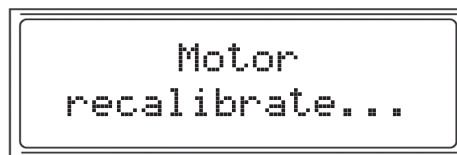


Fig. 33

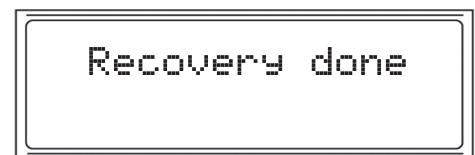


Fig. 34

If the unit cannot recover after 3 attempts, you will see “Recover fail” (*Fig. 35*), Followed by “Remove magazine, Clear jam” (*Fig. 36*). As automatic recovery was unsuccessful, you will need to check the internal hopper and manually clear the jam.

- **Connect Power:** When the power level of the lithium AA batteries (if installed in battery holder) drops to 10% remaining, the loader will display “Connect Power” (*Fig. 37*). Connect the provided AC/DC power supply (*shown below*) or install a fresh set of 8 lithium AA batteries to continue operation.

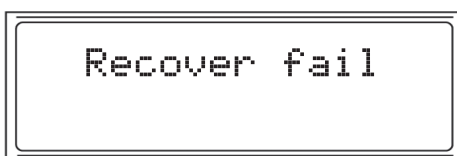


Fig. 35

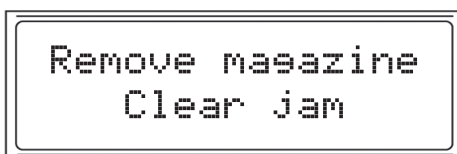
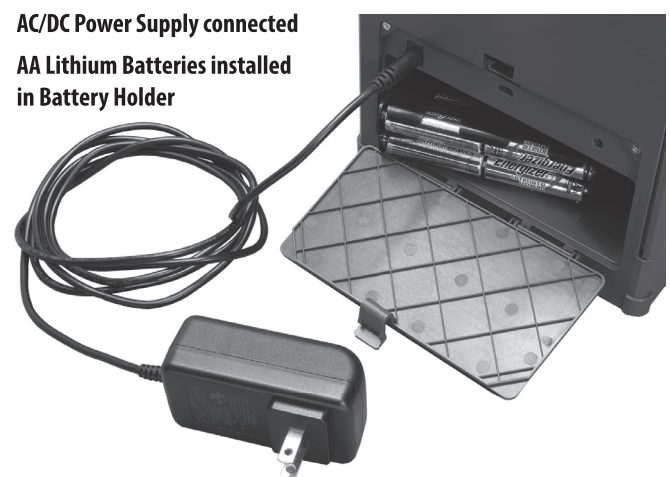


Fig. 36



Fig. 37



TROUBLESHOOTING

Hopper Jammed With Ammo

The Hopper is able to detect jams, reverse itself to clear the jam, and resume normal operation. If a cartridge gets jammed in a way that the Hopper is unable to clear itself, stop the loading process by pressing the Power button briefly (pauses current activity) and try clearing the jam manually from inside the hopper area. If unable to clear jam, remove the three thumbscrews holding side panel in place and remove side panel. Once the jam is cleared, reinstall the side panel and secure it with the three thumbscrews. Ensure side panel thumbscrews are only "finger tight" when reinstalling, do not overtighten. Continue normal loading operation.



Hopper Jam (*side panel removed*)

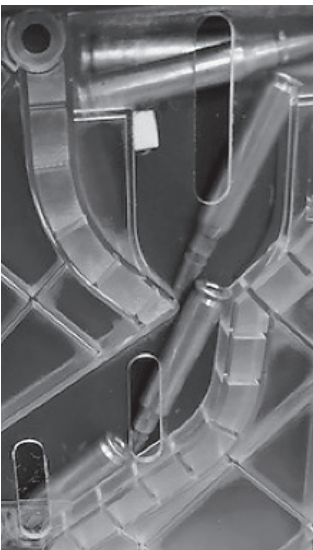


Hopper Jam
(*view from hopper door area*)

Ammo Jammed In Chute Between Hopper and Magazine

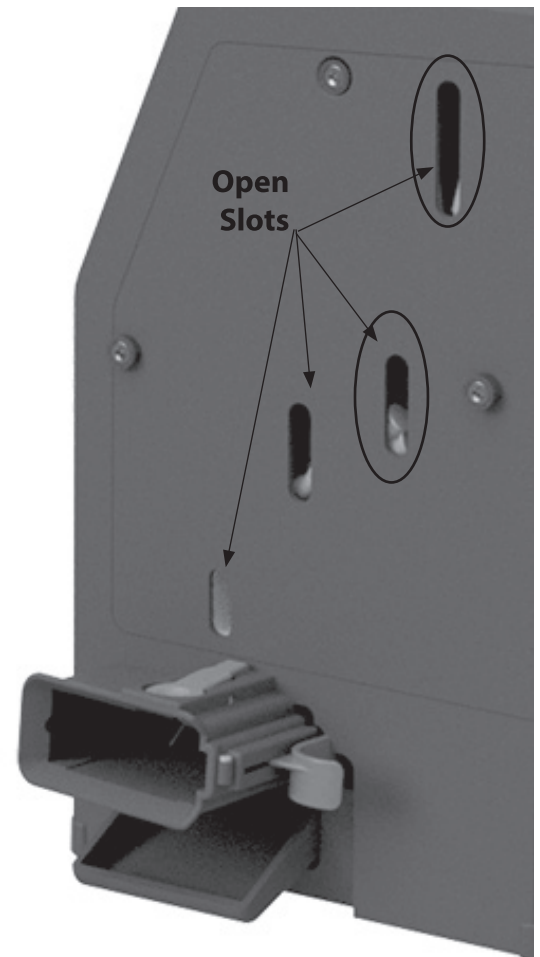
If a cartridge is noticed in either of the top 2 slots on the side panel and ammo is not flowing down the chute, it is likely that there is a jam in the mag loading area. Pause the loading process. Remove the three thumbscrews holding the side panel in place. Remove the side panel and clear the jam manually.

When re-installing the side panel, ensure that all three thumb screws are evenly tightened. The side panel must be flat against the unit to reduce risk of jams. Do not over-tighten thumb screws with a screw driver, as this could deform the side panel and cause the risk of jams.



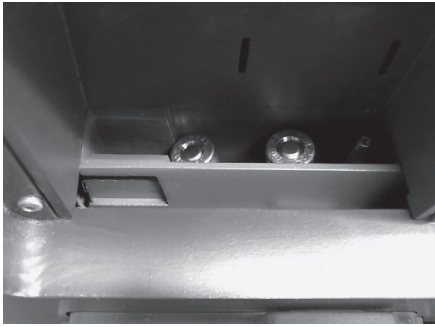
Jammed cartridges visible through top two slots in side panel

(clear plastic panels shown in photo were used for illustration purposes)

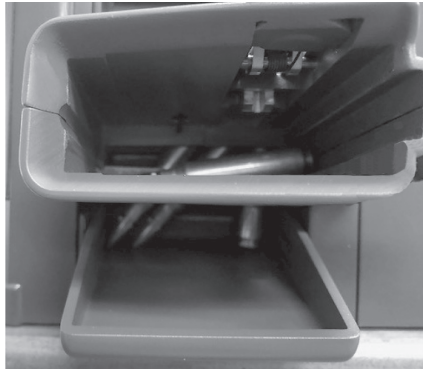


TROUBLESHOOTING

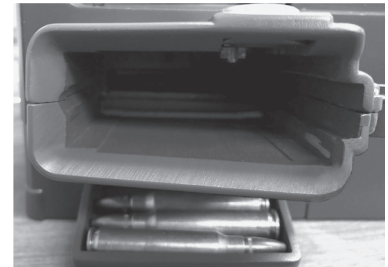
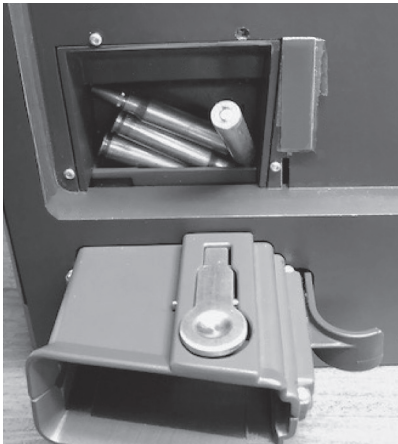
Cartridges jammed in Magazine loading area



Top Views



Side View through Magazine Well



Ammo Release Lever dispenses 3-4 cartridges into tray

Ammo Jammed In Magazine Loading Area

Pulling the Ammo Release Lever will dispense 3-4 cartridges at a time into the cartridge return tray. This can be used to clear a jam, or while emptying the hopper. **Notice: Never use the Ammo Release Lever while a magazine is inserted in the Magazine Well, as it could potentially damage the unit.** Once the jam is cleared, reinstall the side panel and continue the loading cycle. Ensure side panel thumbscrews are only "finger tight" when reinstalling. Do not overtighten.

Loader Not Functioning (System Reset)

A system reset may be necessary if the loader stops functioning, i.e., control buttons are not functioning, or the motor stops and won't recover. If a system reset is required, the loader can be reset through the reset hole on the back panel using a small non-conductive (non metallic) pointed object, such as a pencil or toothpick. Simply depress the reset button with the object, release it, and unit will recover.

Loader Stops Running When Battery Powered

In the event the batteries are down to 10% or lower power output level, the ASAP Loader will display "Connect Power" (see below) and will not power on without AC connected power. Connect the provided AC/DC power supply to the power input jack and try turning on the ASAP Loader. Replace depleted batteries with a full set of 8 lithium AA batteries (the loader will not work properly with alkaline or other battery types).

Connect Power

TROUBLESHOOTING

Difficult Ammo Release Lever Operation

Add a small dab of high quality lubricant like Hoppe's Black gun grease in the opening in front of the lever and operate the lever a few times to get even distribution.

Unit Shuts Down or Powers Off Unexpectedly

If the loader experiences an abnormal loading condition, the unit will automatically shutdown to prevent potential damage to the motors. The unit will then automatically power back on. If this happens, perform a RESET on the unit by ensuring the unit is powered on and the Reset button is depressed (*see Parts/Controls guide on Pg. 3 for Reset button location*). This will ensure all sensors are working properly. **WARNING: If an automatic shutdown occurs and a RESET is not performed, it is possible that the sensor will not function correctly, which can cause the unit to malfunction and/or permanently damage the motors and electronic components.**

Issues with the Unit's Sensors Not Working Correctly

Recalibrate the inductive sensors. To run through the recalibration sequence, first make sure that 100% of the ammunition is removed from the unit. Once confirmed, follow the calibration process below.

During calibration, do not touch or move the unit and do not insert ammo into the hopper.

Calibration can be done using AC or Battery power. Using AC power is recommended if the batteries at less than 50% power level. Avoid any interruption of power during the calibration process.

Calibration Process:

1. Hold the **Mode** button down for 5 seconds to enter calibration mode (*Fig. 38*).
2. To begin the calibration process, hold the **Select** button down for 5 seconds. The display confirms the unit is in calibration mode (*Fig. 39*).
3. Next, you will see a series of screens as the unit is initializing and processing data (*Fig. 40, Fig. 41*).
4. The start screen is then displayed, asking you to confirm there is no ammo (*Fig. 42*). If you are sure there is no ammo anywhere in the unit, select "Yes" by pressing the **Select** button. **Note: It is critical that there be no ammunition in the unit or the sensor calibration will not be accurate.**
5. "Calibrate Sensor" (*Fig. 43*) will then display briefly before the sensors are calibrated.
6. While the unit is calibrating, the output data for each sensor being calibrated is displayed (*Fig. 44*). This is primarily for factory/tech support reference.
7. When the calibration process is complete, you will see "Calibration Completed" (*Fig. 45*), and the unit will return to the home screen (*Fig. 46*).

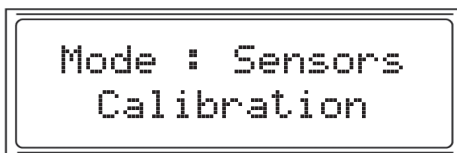


Fig. 38



Fig. 39

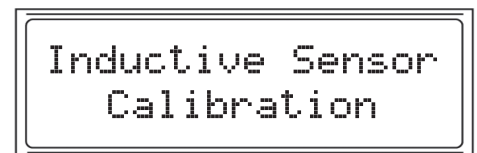


Fig. 40

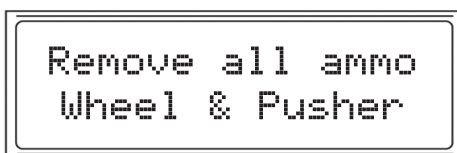


Fig. 41

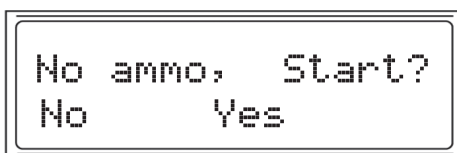


Fig. 42

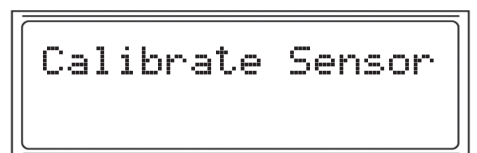


Fig. 43

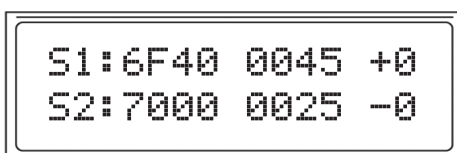


Fig. 44



Fig. 45



Fig. 46

BUTLER CREEK ONE YEAR LIMITED WARRANTY

This limited warranty gives you specific legal rights and you may also have other rights, which vary from state to state. We warrant that during the warranty period, the product will be free from defects in materials and workmanship.

We limit the duration and remedies of all implied warranties, including without limitation the warranties of merchantability and fitness for a particular purpose to the duration of this express limited warranty.

Some states do not allow limitations on how long an implied warranty lasts, so the above limitation may not apply to you.

The remedies described herein are your sole and exclusive remedies and our entire liability for any breach of this limited warranty. Our liability shall under no circumstances exceed the actual amount paid by you for the defective product, nor shall we under any circumstances be liable for any consequential, incidental, special or punitive damages or losses, whether direct or indirect.

Some states do not allow the exclusion or limitation of incidental or consequential damages, so the above limitation or exclusion may not apply to you.

Our responsibility for defective goods is limited to repair or replacement of the product as described below.

WHO MAY USE THIS WARRANTY ?

Butler Creek, located at 9200 Cody, Overland Park, KS, 66214 (“we”) extends this limited warranty only to the consumer who originally purchased the product (“you”). It does not extend to any subsequent owner or other transferee of the product.

WHAT DOES THIS WARRANTY COVER ?

This limited warranty covers defects in materials and workmanship of all Butler Creek products (the “product”) for the Warranty Period as defined below.

WHAT DOES THIS WARRANTY NOT COVER ?

This warranty excludes batteries and any electrical components or products. This limited warranty does not cover any damage due to: (a) carelessness; (b) misuse; (c) commercial use; (d) abuse; (e) improper installation; (f) modification; (g) normal wear and tear; or (h) external causes such as accidents, or other actions or events beyond our reasonable control.

WHAT IS THE PERIOD OF COVERAGE ?

This limited warranty starts on the date of your purchase and lasts for one (1) year (the “Warranty Period”). The Warranty Period is not extended if we repair or replace the product. We may change the availability of this limited warranty at our discretion, but any changes will not be retroactive.

WHAT ARE MY REMEDIES UNDER THIS WARRANTY ?

With respect to any defective product during the Warranty Period, we will, in our sole discretion either (a) repair or (b) replace such product (or the defective part) free of charge.

HOW DO I OBTAIN WARRANTY SERVICE ?

To obtain warranty service, you must return the product to Butler Creek, postage paid for evaluation. If defective, the product will be repaired or replaced at Butler Creek’s option, at no charge.

Send a dated proof of purchase to Butler Creek along with the product information and reason for return to:

Butler Creek
Bushnell Outdoor Products
9200 Cody
Overland Park, KS 66214
Toll Free: (800) 423-3537
www.butlercreek.com



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