



CASH Magnum .25 Stunner

Product Data Sheet

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**DO NOT ATTEMPT TO USE THIS STUNNING TOOL UNTIL YOU
HAVE READ AND UNDERSTOOD THESE INSTRUCTIONS**

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Key Features

CASH Magnum .25 Stunner

The CASH Magnum is a cylindrical trigger operated stunner designed for larger animals.

| | |
|---------------------|--|
| PRODUCT CODE | CASH Magnum .25 5648R |
| CALIBRE | .25 |
| USE ON | Cattle  |
| POWERLOADS | Use in .25 CASH Magnum: CASH .25 BLACK 4 Grain for heavy cattle and bulls |

The CASH Magnum stunner is part of the CASH range of stunners manufactured by Accles & Shelvoke.

CASH stunners are in use all over the world for in many varied situations from on-farm casualty slaughter to both small and large meat plants with automated production lines operating as high as 450 cattle per hour. The CASH stunner renders the animal instantly and irreversibly insensible to pain prior to slaughter, eliminating stress and suffering, improving meat quality and throughput, resulting in increased profits.

Renowned for its quality, durability and safety the CASH Magnum stunner is an extremely effective tool with the following features:

- ▶ Ergonomically designed trigger suitable for palm or finger operation
- ▶ Fast operation with very high bolt velocity makes it ideal for high through put meat plants
- ▶ Simple to use and easy to maintain
- ▶ Low maintenance costs
- ▶ Robust solid construction - safe to operate

Product Diagram

CASH Magnum .25 Stunner



Safe Operating Instructions

CASH Magnum .25 Stunner

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WARNING

At all times never point muzzle end of barrel towards your body or any other person.

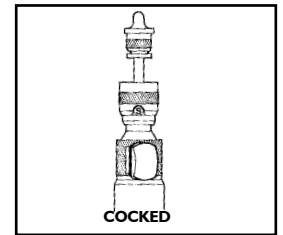
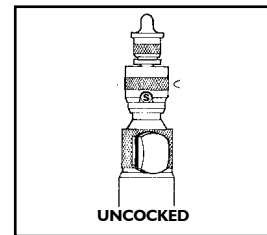
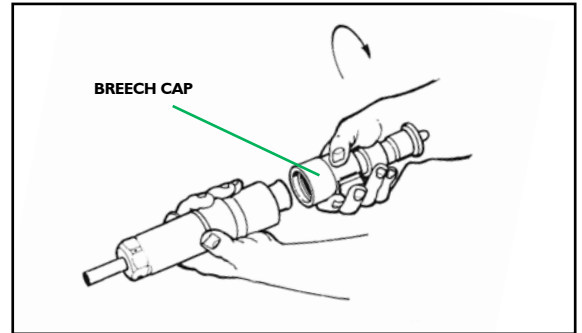
1 UNSCREW CAP

Turn breech cap counter clockwise and pull away. Make sure firing pin and trigger are uncocked. If spent (fired) powerload is in chamber, pull extractor up then push back down. The partially lifted case can then be removed using the finger and thumb (see extraction).

WARNING

If in any doubt whether or not powerload has been fired, treat as a live powerload (see "removal of unfired powerload") If misfire has occurred, see "safe misfire removal".

WARNING



2 LOADING

Before inserting powerload into chamber of breech, make sure bolt is fully retracted as shown. If not, does not use as stunning power will be reduced. (See cleaning daily to rectify).

WARNING

Only use the correct grade of CASH powerload bearing the "AS" of "E" headmark.

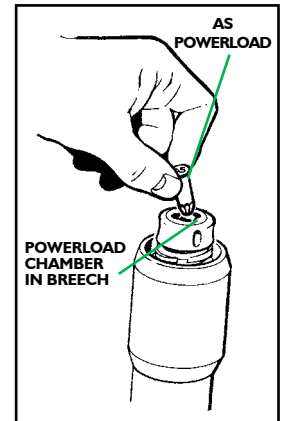
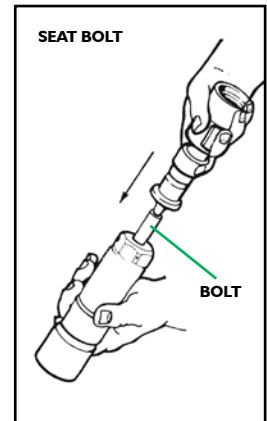
PLEASE REFER TO POWERLOAD SELECTION TABLE SHOWN ON PAGE 1

It is a condition of Accles & Shelvoke's product liability insurance, that only CASH powerloads in CASH carton and bearing approved headmarks must be used in stunners manufactured by them. It follows therefore, that no liability whatsoever can be accepted for any claim, including injury should any other brand of powerload be used.

WARNING

Where powerloads other than these are used, Accles & Shelvoke will not be responsible for:

1. The safety of the operator.
2. The humaneness of the stun.
3. The correct operation of the stunner.
4. The premature failure of parts.



WARNING

Powerloads must be stored in cool, dry conditions. Exposure to excessive amounts of moisture may affect their performance.

WARNING

Do not drive bolt back if spent powerload case is in chamber without first raising extractor (See Extraction) or case will be ejected with great force.

3 REPLACE BREECH CAP

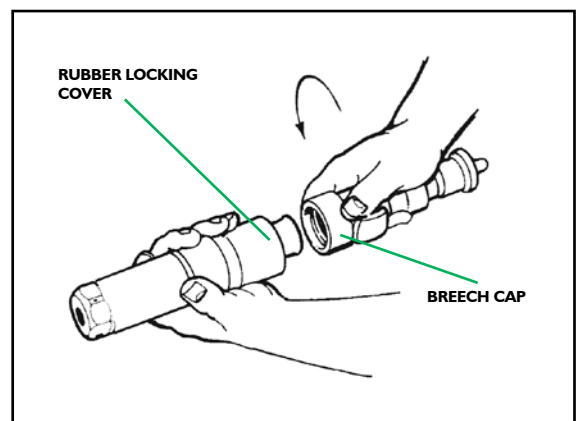
WARNING

Make sure that the firing pin is in the down (uncocked) position (see 1. "Unscrew Cap").

Holding stunner and breech cap as shown with the muzzle end pointing in a safe direction turn breech cap clockwise until it is tightly seated in rubber locking collar.

WARNING

If breech cap is not tightly seated, misfires may occur.

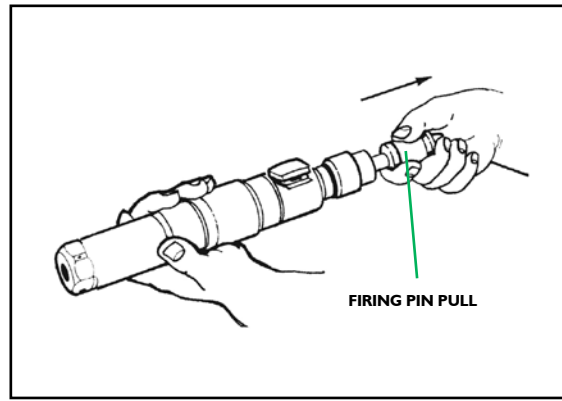


4 MAKING READY FOR FIRING

Immediately before firing, pull back firing pin pull until you feel and hear firing pin snap into the cocked position.

⚠️ WARNING

When the Magnum Stunner is in the cocked position, it is ready to fire and will fire if dropped or mishandled. Treat this stunner as you would any firearm. Keep fingers or palm pressure off trigger until immediately before firing.

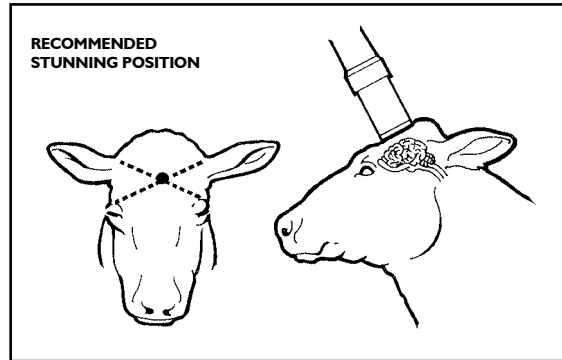


5 FIRE

⚠️ WARNING

Never leave a loaded stunner unattended (see removal of unfired powerload).

Place muzzle end of barrel firmly on animal's head in the recommended position shown opposite. Press trigger to fire - the action of positioning should be smooth, fluid and accurate with firing immediate with the minimum delay. Do not attempt to fire whilst the animal is moving its head.

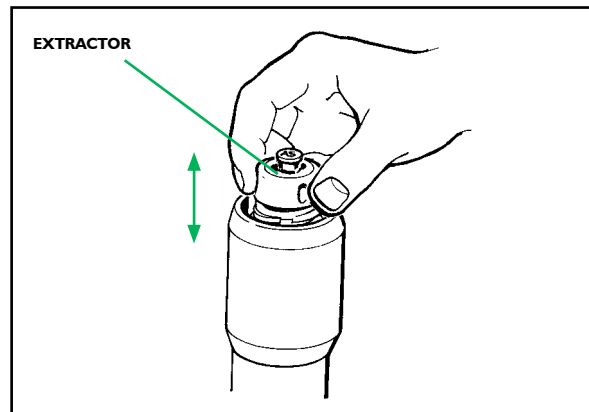


6 EXTRACTION

Turn breech cap counter clockwise and pull away (see 1). Pull extractor up and then push back down. The partially lifted spent case can then be removed using finger and thumb. Place firing pin pull against the bolt (which still should be protruding from the muzzle end of the barrel) and push the bolt quickly and firmly into the barrel. This movement should reset the bolt for the next shot.

REMOVAL OF UNFIRED POWERLOAD

It is sometimes necessary to remove an unfired powerload (live) from the chamber at the end of a shift or if the magnum is to be left unattended. Follow instruction as per 'extraction' above, but taking great care to handle powerload gently and to return it to its container.



DO NOT EJECT BY RETURNING BOLT

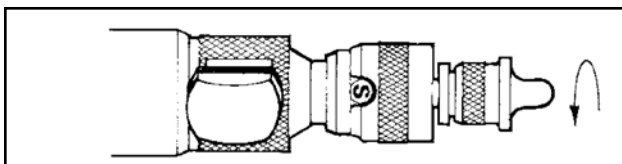
⚠️ WARNING

If unfired powerload is stuck in chamber or extractor fails to operate, do not attempt to remove using a knife or similar tool - return stunner with breech cap separate to maintenance department, warning them that an unfired (live) powerload is stuck in the chamber.

⚠️ WARNING

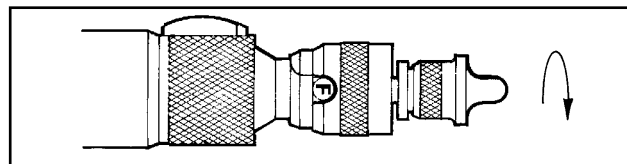
SAFE MISFIRE REMOVAL. If stunner fails to fire, a delayed firing may occur during or after extraction. Keep muzzle end of stunner away from your body or any other person. Wait 30 seconds, unload carefully avoiding exposure to breech and dispose of load in metal container filled with water. Do not attempt to re-use misfired load. Powerloads fire by crushing head, so do not crush, prise or strike or use excessive force. Always wear safety glasses and ear protection.

OPTIONAL ON/OFF SAFETY This additional safety feature can be fitted in place of the spring cap. Item No 30.



'S' - SAFETY

Turn safety counter clockwise and the 'S' can be seen in the cut-out.



'F' - FIRE

Turn safety clockwise until it stops turning and the 'F' can be seen in the cut-out.

Cleaning and Maintenance

CASH Magnum .25 Stunner

Guidance on daily and weekly cleaning and consumable parts maintenance.

DO NOT ATTEMPT TO USE THIS STUNNER UNTIL YOU HAVE READ AND UNDERSTOOD BOTH OPERATING AND MAINTENANCE INSTRUCTIONS



WARNING For test firing or the removal of unfired powerloads, always wear safety glasses and ear protection. Before ANY action, check to see that powerload has not been left in chamber.

Cleaning - Daily

- (1) Unscrew breech cap from breech and ensure that stunner is not loaded. See I "unscrew cap".
- (2) Unscrew breech anti-clockwise and remove from barrel.
- (3) Remove bolt complete with buffers and lockwasher from barrel.
- (4) Clean inside of barrel and breech with a rag soaked in Young's 303 fluid or similar, and with steel brush end of cleaning tool. Finally, wipe out with a clean rag.

Note! These operations are best done when barrel and breech are still warm after use and before powder solidifies.

- (5) Remove buffers from bolt and wire wheel or brush carbon from piston end of bolt. Wipe with oily rag when clean.
- (6) Wipe carbon from buffers and lock washer and examine for wear. Replace if necessary.

RE-ASSEMBLY

Examine barrel and breech for cracks around threads and replace if found. Wipe all steel parts with oily rag.

Note! When re-assembling buffers on bolt, remember that black buffers are positioned one either side of red buffer. Replace bolt if bent or too short to maintain power. (Bolt must be long enough to be held all the way back in the stunner or there will be a power loss).

Cleaning Tools

| ITEM NO. | PART NO. | DESCRIPTION | NO PER SET |
|----------|----------|--------------------------|------------|
| 1 | 5644 | Cleaner assembly | 1 |
| 2 | 5645 | Steel cleaner brush | 1 |
| 3 | 5646 | Brass cleaner brush | 1 |
| 4 | 5647 | Cleaner handle | 1 |
| 5 | 4187 | Special CASH Pistol Oil | 1 |
| 6 | 4192 | "Copaslip" thread grease | 1 |
| 7 | 6076 | Youngs 303 fluid | 1 |

Please note items 1-4 are included with the Stunner when purchased, items 5-7 are additional extras (last three are all extras on all the stunners)

Cleaning - Weekly

ADDITIONAL CLEANING AND MAINTENANCE FREQUENCY DEPENDING ON USE, BUT MINIMUM WEEKLY.

Remove breech cover and replace if worn or split. Note! If breech cover is ballooning out or if the operator feels a sting on his hand when firing stunner, remove cover and inspect for cracks and replace any cracked parts before further use. Remove collar retaining pin from barrel (pin can only be removed after bolt has been withdrawn). This will allow removal of bolt retaining collar, collar ball and collar spring. Clean carbon off bolt retaining collar and ball with Young's 303 fluid, as well as the hole where the ball and spring sit. Replace rubber collar spring if worn or collapsed (if the retaining collar does not hold back the bolt, there will be power loss).

Remove extractor for cleaning by depressing extractor plunger and sliding extractor over plunger. The area under the extractor as well as the breech threads should be cleaned with brass brush end of cleaning tool. To disassemble breech cap for cleaning or part replacement. Hold in soft jawed vice and unscrew spring cap or the optional on/off safety, if fitted, using a wrench on the flats. Pull firing pin assembly out of breech cap which will also release trigger and trigger spring. Inspect firing pin for rounded edges from trigger contact and replace if wear is half of trigger contact. Inspect firing pin spring and replace if broken or collapsed. Inspect trigger for firing pin contact and replace if wear is half of firing pin contact. Replace trigger spring when overall length has reduced to 16mm. Trigger spring must be strong enough to push firing pin away from cartridge and to allow trigger to lift. In order to replace firing pin, firing pin spring or spring cap or optional on/off safety, unscrew pull from pull bush. Push pull bush down to release pull split bush, allowing all components to slide off. Rubber pull spring should be replaced if collapsed or damaged.

RE-ASSEMBLY

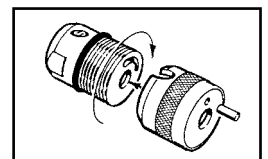
Wipe all steel parts with an oily rag. Use only 'Cash' pistol oil. Do not put oil in powerload chamber, as this can cause misfires.

TO DIS-ASSEMBLE OPTIONAL ON/OFF SAFETY

Turn clockwise to 'fire' (F) position and drive safety stop pin down through safety cap inner with a pin punch. Then unscrew safety cap outer anti-clockwise to remove. Clean with Young's 303 fluid and brass brush end of cleaning tool. Inspect for cracks or stripped threads and replace if found. Replace safety 'O' ring if broken or frayed.

RE-ASSEMBLY OF OPTIONAL ON/OFF SAFETY

Lightly oil or grease threads with Copaslip. Align the small dimple on the end face of the safety cap inner with the cut out in the lower edge of the safety cap outer - this will ensure that the 3-start thread commences location in the correct position so that when screwed together clockwise, the cut out on safety cap outer aligns precisely with the 'F' fire mark on the inner cap, which should be fully visible. Insert safety stop pin and drive flush with top of safety cap outer. If pin driven too far, the assembly will not turn. Re-assemble on firing pin assembly and screw down tight onto breech cap, using wrench on flats of safety inner. If outer safety cap is used to screw or unscrew safety, you will break safety stop pin.



EXTRACTION OF STUCK, UNFIRED OR MISFIRED POWERLOAD

WARNING

Great care must be taken in removing unfired or misfired powerloads stuck in the chamber.

Follow instructions set out below:

- (1) Unscrew cap (Refer to 1. Remove Cap instructions on page 3)
- (2) Unscrew barrel from breech and remove bolt.
- (3) Grip breech in soft jawed vice and gently push powerload out using a $\frac{3}{16}$ " rod (4.7mm) through the chamber.

WARNING

Always wear safety glasses and ear protection for this operation.

MISFIRES CAN BE CAUSED BY:

- (1) Water or oil contaminated powerloads.
- (2) Weak or broken firing pin spring.
- (3) Worn, damaged or bent firing pin.
- (4) Breech cap not screwed down onto breech.
- (5) Breech cap assembly and/or breech locking cover required cleaning.
- (6) Spring cap or optional safety not screwed down onto breech cap.
- (7) Oil in powerload chamber.

BOLT STICKING IN ANIMAL'S HEAD AND/OR STUNNER POWER LOSS

- (1) Ensure correct grade of CASH powerload is being used.
- (2) Bolt not being fully returned before each shot.
- (3) Collar, collar ball or collar spring needs replacement or cleaning.
- (4) Bolt bent, damaged or worn or has been re-sharpened by grinding outside diameter.
- (5) Buffers worn or not in correct order, black, red and black.
- (6) Magnum needs cleaning in barrel and breech and on bolt piston.

If in doubt and you require further advice and information please contact Accles & Shelvoke direct or you're local Distributor.

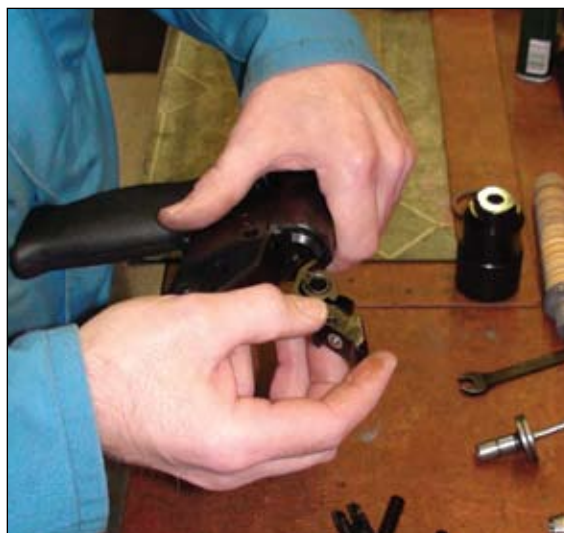
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Servicing

Accles & Shelvoke provide a comprehensive service and repair facility where customers can have their CASH stunner serviced by our highly trained engineers:

- ▶ The service involves the tool being stripped, cleaned and re-assembled bringing the stunner back to working order.
- ▶ Service and repair facility is generally open to UK customers, overseas customers are advised to contact their local distributor.
- ▶ Customers are advised to contact Accles & Shelvoke direct on + 44 (0) 121 313 4567 to make arrangements to return the tool for service or repair.
- ▶ Quotation will be provided on inspection of the tool, listing service charges and replacement parts required.



Parts List

CASH Magnum .25 Stunner

| ITEM NO. | PART NO. | DESCRIPTION | NO. PER SET |
|----------|----------|--------------------------|-------------|
| 1 | 5742 | Barrel | 1 |
| 2 | 5621 | Buffer Hard Black | 2 |
| 3 | 5632 | Buffer soft red | 1 |
| 4 | 5623 | Bolt | 1 |
| 5 | 5624R | Breech .25 caliber | 1 |
| 6 | 5707 | Breech cap .25 caliber | 1 |
| 7 | 5649 | Collar retaining pin | 1 |
| 8 | 5627 | Small 'O' Ring | 1 |
| 9 | 5628 | Trigger spring | 1 |
| 10 | 5697 | Firing pin spring | 1 |
| 11 | 5702 | Pull | 1 |
| 12 | 5693 | Safety cap inner | 1 |
| 13 | 5695 | Safety 'O' Ring | 1 |
| 14 | 5692 | Safety cap outer | 1 |
| 15 | 3036 | Safety stop pin | 1 |
| 15a | 5691 | Complete safety assembly | 1 |
| 16 | 5690 | Firing pin | 1 |
| 17 | 5689 | Trigger | 1 |
| 18 | 5636 | Extractor plunger | 1 |
| 19 | 5637 | Plunger spring | 1 |
| 20 | 5638R | Extractor .25 caliber | 1 |
| 21 | 5639 | Lock washer | 1 |
| 22 | 5640 | Pull bush | 1 |
| 23 | 5641 | Pull split bush (pair) | 1 |
| 24 | 5642 | Pull lock 'O' ring | 1 |
| 25 | 5710 | Pull spring | 1 |
| 26 | 5664 | Breech locking cover | 1 |
| 27 | 5631 | Collar spring | 1 |
| 28 | 3042 | Ball | 1 |
| 29 | 5622 | Collar | 1 |
| 30 | 5696 | Spring cap | 1 |

NOTE!

Item 15a Complete safety assembly is an optional extra.
The tool as standard is fitted with the Spring Cap item 30.

