



TOUGH
ACCURATE
RELIABLE



LA101 OWNERS MANUAL

CROSSOVER™

www.LithgowArms.com

WARNING Any operator of this rifle must read the instructions and warnings in this manual before handling or using the rifle.

LITHGOW ARMS BATTLE PROVEN SINCE 1912

CROSSOVER

LA101 OWNERS MANUAL

PREFACE

This manual provides the instructions for safely handling, maintaining and operating the LA101 CrossOver. Any user of this rifle must read and understand all these instructions before using the rifle. Failure to follow the instructions and heed the warnings in this manual may result in unintended property damage, personal injury, or death.

This manual should always accompany the LA101 CrossOver and be transferred with it upon change of ownership.

Lithgow Arms will not be liable for any losses, costs, charges, and expenses (including any indirect, incidental, special or consequential loss, any loss of revenue, loss of profits, loss of business opportunities, loss of anticipated savings, damage to goodwill, damage to reputation and also the cost of settling any pending or threatened proceedings, including legal expenses on a solicitor and own client basis) resulting from:

- a failure to comply with the instructions and warnings in this manual; or
- the alteration or substitution of any part of this rifle; or where any repairs to the rifle are performed by anyone other than Lithgow Arms or an agent authorised by Lithgow Arms to conduct the repair.

The manual includes detailed operator instructions for the LA101 CrossOver and variants only. Consult relevant publications before fitting any accessories to the rifle. All the instructions refer to left and right from the operator's point of view when the rifle is held to fire.

ABOUT US

Lithgow Arms is a brand built on 100 years of weapons expertise at the small arms factory at Lithgow in New South Wales, Australia. We have proudly supported Australia's soldiers on battlefields around the world since 1912.

From Gallipoli, Fromelles and Pozières to North Africa, Borneo and Kokoda, and from Korea, Malaya and Vietnam to East Timor, Iraq and Afghanistan, Australian troops have carried weapons made in Lithgow.

Originally conceived as a factory to make and support weapons created elsewhere, Lithgow Arms has evolved over recent years into a true small arms designer and manufacturer. Our team includes local experts, people with international experience from some of the world's most renowned arms manufacturers, as well as former military personnel.

QUALITY

The LA101 CrossOver is designed and manufactured by Lithgow Arms, which is a brand of Thales Australia. All our products are manufactured, assembled, proofed and tested by Lithgow Arms under an AS 9001-2008 Quality Management Systems accreditation.

COMMUNITY

Thales Australia and Lithgow Arms support Soldier On. Soldier On is a not-for-profit organisation that helps serving and ex-serving men and women who are physically or psychologically affected by their service. By providing support to these individuals and their families, Soldier On enhances their rehabilitation, inspires them to work towards recovery, connects them with their broader community and empowers them through education and employment to achieve a stable and secure future. Soldier On is independent of government and collaborates with other organisations which serve as a conduit and one-stop-shop for support.

To find out more, go to www.soldieron.org.au



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1. SAFETY

1.1. Introduction

The operator is responsible at all times for the safe handling and storage of the rifle. The following general safety rules must be complied with to minimise the chance of accidental injury, death or loss of property.

1.2. General Safety Rules

WARNING The instructions in the red warning boxes must be followed to avoid potential injuries to the operator or bystanders.

CAUTION The instructions in the orange caution boxes must be followed to avoid potential damage to the rifle.

- Always** be aware of the position of the muzzle and point of aim when handling the rifle.
- Always** be aware of the position of the safety catch when handling the rifle.
- Always** be aware of the presence and nature of ammunition loaded in magazines.
- Always** handle the rifle as though it was loaded and able to be fired.
- Always** handle the rifle safely and wear appropriate hearing and eye protection.
- Always** inspect the mechanical condition of the rifle and make sure the bore is free of obstructions before firing.
- Always** clean and dry the chamber, bore and bolt face of fouling and oil residue before firing.
- Always** keep magazines and ammunition isolated from cleaning and maintenance activities.
- Always** positively identify your target, and consider your target's surroundings, before taking aim and firing.
- Always** store the rifle and ammunition in an appropriate lawful way that prevents unintentional tampering or theft.
- Always** use new, clean and undamaged ammunition of the correct calibre for the rifle.
- Never** alter or modify ammunition in any way.
- Never** alter or modify the rifle in any way.
- Never** store the rifle whilst loaded.
- Never** climb a tree or cross a fence with a loaded rifle.
- Never** handle the rifle by the barrel while firing as the barrels get hot and can easily burn your hands.
- Never** lean or prop the rifle against a surface where it could topple or fall.
- Never** operate the rifle while under the influence of drugs or alcohol.
- Never** operate the rifle without thoroughly reading and understanding the operator manual.
- Never** operate the safety catch to confirm its position.
- Never** point or aim the rifle at a person.
- Never** point or aim the rifle at an object that is not a target.
- Never** pull the trigger until the rifle is aimed at a positively identified target and ready to be fired.
- Never** put your fingers inside the trigger guard when receiving the rifle, picking it up or putting it down.
- Never** put your trigger finger inside the trigger guard until a shot is ready to be fired.
- Never** shoot at a hard target or liquid surfaces, or discharge your rifle near flammable material.

2. SPECIFICATIONS

2.1. Variants



Figure 1: LA101 CrossOver Armour Black with Walnut Stock



Figure 2: LA101 CrossOver Titanium with Threaded Barrel and Timber Laminate Stock



Figure 3: LA101 CrossOver Left Hand Titanium with Polymer Stock

NOTE: LA101 rifles are available with an optional threaded barrel and finished in either Titanium or Armour Black Cerakote™. Right handed rifles are available with walnut or timber laminate stocks.



2.2. Technical Data

	17 Hornady Magnum Rimfire (17HMR)	22 Long Rifle (22LR)	22 Winchester Magnum Rimfire (22WMR)
Length		977-1007 mm (Polymer adjustable) 997 mm (Timber)	
Weight		3.1 kg (Polymer & Walnut) 3.3 kg (Laminate)	
Barrel	Drilled and button broached, target crowned	Proprietary, military grade steel, cold hammer forged. Medium varmint weight, target crowned. Coated in Cerakote™.	
Length		531 mm	
Rifling	6 grooves 1 : 9" (228 mm) right hand twist	6 grooves 1 : 16" (406 mm) right hand twist	6 grooves 1 : 16" (406 mm) right hand twist
Muzzle Thread (optional)		½" x 20 UNF Right Hand	
Receiver		High tensile steel with recoil lug. Weaver accessory rail segments . Coated in Cerakote™	
Stock		Floated design with two sling studs, available in polymer, walnut and laminate.	
Length of Pull		325-355 mm (Polymer Adjustable) 345 mm (Timber)	
Trigger		Single stage 1.4 kg release	
Safety		Two position, receiver mounted with indicator. Safety catch blocks the trigger.	
Magazine		Removable, single stack box magazine, polymer construction.	
Capacity		5 and 10 round magazines available.	

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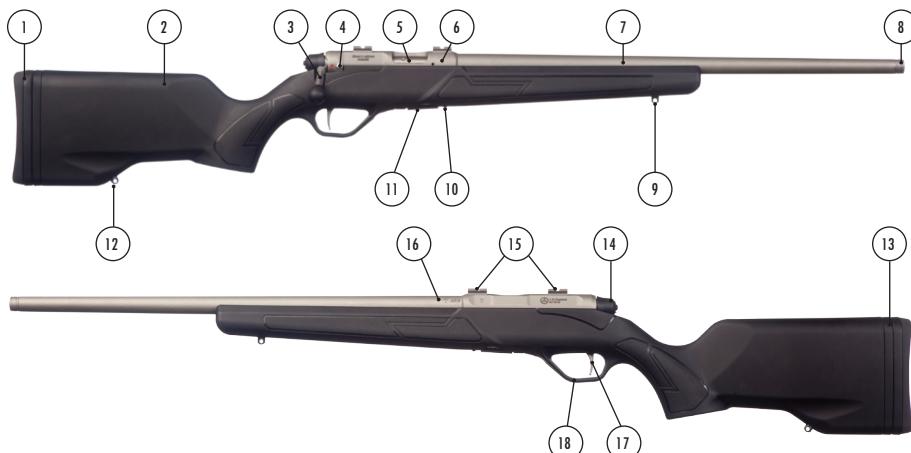
3. DESCRIPTION

3.1. Introduction

The Australian made LA101 CrossOver is a tough and versatile rifle with modern tactical styling, outstanding accuracy and great reliability. It is designed to excel at a variety of shooting disciplines and reflects the military weapons heritage of Lithgow Arms.

The synthetic stock is made from the same high strength reinforced nylon as the Australian Defence Force's assault rifle and features an integral trigger guard. The length of pull is adjustable on polymer stocks. Two segments of Weaver accessory rail are attached to the receiver body to mount sights and accessories. 22LR and 22WMR rifles are equipped with fully floated, cold hammer forged barrels made from military grade steel. Barrels are a medium varmint weight with choked bores and an 11° target crown. To generate best performance from the smaller and tightly toleranced 17HMR round, Lithgow Arms has chosen a drilled and broached barrel. The trigger is a single stage non-adjustable type and the receiver-mounted safety lever blocks the trigger. All LA101 CrossOver rifles are manufactured, assembled and tested at Lithgow Arms in Australia.

3.2. External Components



No.	Description	No.	Description	No.	Description
1	RECOIL PAD	7	BARREL	13	RECOIL PAD SPACER
2	STOCK	8	MUZZLE THREAD	14	BOLT SHROUD
3	BOLT HANDLE	9	FORWARD SLING STUD	15	ACCESSORY RAILS
4	SAFETY CATCH	10	MAGAZINE RELEASE	16	CALIBRE DESIGNATION
5	BOLT	11	MAGAZINE	17	TRIGGER
6	SERIAL NUMBER	12	REAR SLING STUD	18	TRIGGER GUARD

Figure 4: LA101 Rifle Components

4. CLEARING THE LA101 CROSSOVER OF AMMUNITION

4.1. Introduction



WARNING

Always assume a rifle is loaded. Always check for the presence of ammunition by clearing the rifle.

Always clear the rifle:

- a. whenever it is picked up
- b. whenever it is offered to or received from another person
- c. whenever you arrive at or leave a range
- d. before stripping it
- e. when unloading it
- f. whenever there is any doubt about its condition.

4.2. Procedure

To clear the LA101 CrossOver:

- a. Set the safety catch to safe (Figure 5) by rotating the catch backwards, completely obscuring the red indicator.



Figure 5: Safety catch set to safe

- b. If a magazine is fitted, remove it. Grasp the magazine and depress the magazine catch with the index finger of the same hand. Withdraw the magazine from the rifle (Figure 6).



Figure 6: Magazine Removal

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- c. Rotate the bolt handle upwards 60° and draw the cocking handle back to the bolt stop (Figure 7).



Figure 7: Bolt Unlock

- d. Inspect the face of the bolt, the chamber and the body of the rifle (Figure 8), to make sure that no ammunition is present.



Figure 8: Bolt face inspection

- e. With the rifle pointed in a safe direction, set the safety catch to Fire (Figure 9) by rotating it fully forwards, exposing the red indicator.



Figure 9: Safety Catch set to Fire

- f. Squeeze and hold the trigger. Close the action by sliding the bolt handle forwards and rotating the handle downwards 60° (closed action de-cock). Release the trigger.

5. BASIC HANDLING

5.1. Introduction

This section provides an introduction to the LA101 CrossOver controls and describes their operation.

5.2. Bolt

The LA101 CrossOver is fitted with a 60° rotating, three lug, rear locking bolt – with a spring loaded primary and secondary extractors. The bolt rotation on open cocks the firing pin.

Operating the Bolt. To open the action, rotate the bolt handle upwards 60° and draw the bolt handle to the rear (Figure 10). To close the action, slide the bolt handle forward and rotate the handle downwards 60° (Figure 11).



WARNING

A rifle must only be fitted with its original bolt. Do not mix bolts between rifles even if they are an identical model and calibre.



Figure 10: Opening the Action



Figure 11: Closing the Action

Firing Pin Indicator. The bolt has a red firing pin indicator that allows the operator to see whether the rifle is cocked. When it is cocked, the red indicator will be visible at the back of the bolt shroud (Figure 12). When it is uncocked or has been fired, the red indicator will be inside the shroud (Figure 13).



Figure 12: Rifle Cocked



Figure 13: Rifle Uncocked or Fired

Removing and Fitting the Bolt. To remove the bolt, open the action and set the safety catch to Fire. Squeeze and hold the trigger. Draw the bolt backwards and free from the receiver (Figure 14). To replace the bolt, position the head of the bolt in the receiver and squeeze and hold the trigger. Align the bolt handle with the slot in the receiver and slide the bolt handle forward.



Figure 14: Bolt Removal



WARNING

Never perform a closed action de-cock on a loaded rifle. The firing pin may contact the base of the loaded round and cause the rifle to fire.

De-cocking the Bolt. De-cocking the bolt allows the rifle action to be closed without cocking the bolt. To de-cock the bolt, open the action and set the safety catch to Fire. Squeeze and hold the trigger. Close the action by sliding the bolt handle forward and rotating the handle downwards 60° (closed action de-cock). Release the trigger.

5.3. Safety Catch



WARNING

If you pull the trigger while disengaging the safety catch on a loaded and cocked LA101 CrossOver, the rifle will fire.

The safety catch is a rotating, two position, receiver-mounted lever type that can only be engaged at any time. In the Safe position (Figure 15), the safety mechanism blocks the trigger — preventing the rifle from firing if the trigger is pulled. In the Fire position, the trigger action is restored. A red indicator is visible behind the safety catch (Figure 16).



Figure 15: Safety Catch set to Safe

Figure 16: Safety Catch set to Fire

5.4. Trigger



WARNING

Modifying the trigger mechanism may reduce the reliability and safety of the trigger. Modified trigger mechanisms may be dangerous and could cause the rifle to fire accidentally.

The LA101 CrossOver is fitted with a single stage non-adjustable trigger that has been set, tested and sealed at Lithgow Arms. The trigger has been designed and qualified against international SAAMI standards.

5.5. Magazine

The LA101 CrossOver has a removable, single stack, polymer box magazine.

Magazine Filling. To fill the magazine, press the base of each round into the magazine platform in front of the magazine lips and slide the round back to the cartridge stop (Figure 17). Press down on the previously loaded round and slide the next round into the magazine in the same way.

Emptying Magazines. To empty a filled magazine, press the base of a loaded round forwards until the round falls free of the magazine (Figure 18). Repeat until the magazine is emptied.



Figure 17: Magazine Filling by Hand

Figure 18: Emptying Magazines

Fitting a Magazine. Insert the magazine into the magazine housing and press upwards until you hear the click of the magazine catch (Figure 19). Check the security of the magazine by trying to remove the magazine without activating the magazine release catch.

Removing a Magazine. Grasp the magazine and depress the magazine release catch with the index finger of the same hand. Withdraw the magazine from the rifle (Figure 20).



Figure 19: Fitting a Magazine

Figure 20: Removing a Magazine

5.6. Accessory Rail

The LA101 CrossOver is equipped with two 22 mm long segments of Weaver style accessory rail, spaced 68 mm apart and screwed to the receiver (Figure 21). Please consult accessory manuals for instructions on mounting and aligning sights and targeting accessories.



Figure 21: Accessory Rail

5.7. Length of Pull Adjustment

LA101 CrossOver polymer stocks are adjustable for length of pull. The rifles ship with two 10 mm thick recoil pad spacers installed. The polymer stock may be assembled without spacers or with up to three spacers – this varies the length of pull between 325 and 355 mm.

To adjust the length of pull, remove the two Phillips head screws from the recoil pad (Figure 22) using a No. 2 Phillips head screw driver. Remove or add spacers as desired and reassemble. Tighten the screws.



Figure 22: Length of Pull Adjustment

5.8. Threaded Barrel

The LA101 CrossOver is available with an optional $\frac{1}{2}'' \times 20$ UNF threaded barrel. This barrel allows you to fit compatible muzzle devices and accessories. When not in use, the barrel threads are protected by a threaded cap. To remove the cap, unscrew the cap in an anti-clockwise direction. To replace it, clean and dry the threads of the barrel and cap. Replace the cap by turning in a clockwise direction.

6. FIRING PROCEDURES

6.1. Introduction

This section provides a detailed description of how to load and fire the LA101 CrossOver.

CAUTION

Clean and dry the chamber, bore and bolt face of fouling and oil residue before firing.

WARNING



- Inspect the bore to make sure it is clear of obstructions before firing the rifle.
- Only use new, clean, undamaged, ammunition that is the correct calibre for the rifle.
- Always wear hearing and eye protection when firing the rifle to prevent injury.

6.2. Loading

Set the safety catch to Safe. Fit a magazine containing appropriate ammunition into the magazine housing and press until you hear the click of the magazine catch.

6.3. Chambering and Cocking

Open and close the action. The bolt head will strip and chamber a round.

6.4. Firing

When you are ready to fire:

- a. shoulder the rifle
- b. take aim at the target
- c. set the safety catch to Fire
- d. slowly squeeze the trigger until the weapon fires.

To load another round, open and close the action again.

6.5. Unloading

To unload and clear the rifle:

- a. Set the safety catch to Safe.
- b. If a magazine is fitted, remove it.
- c. Open the action.
- d. Inspect the face of the bolt, the chamber and the body of the rifle to make sure that no ammunition is present.
- e. With the rifle pointed in a safe direction, set the safety catch to Fire.
- f. Squeeze and hold the trigger. Close the action by sliding the bolt handle forward and rotating the handle downwards 60° (closed action de-cock). Release the trigger.

7. MAINTENANCE

WARNING

- Unload and clear the rifle before doing any maintenance activities.
- Isolate loaded magazines and ammunition from the maintenance activities.

CAUTION

- Many components of the LA101 CrossOver are surface treated and coated to decrease surface friction, resist corrosion and aid cleaning. If you don't follow the instructions in this section you may irreparably damage these surfaces and reduce the reliability and performance of the rifle.
- Only use appropriately sized, high quality cleaning equipment in good condition to clean the rifle.
- Overtightening screws will damage threads and may irreparably damage the rifle.
- Never use abrasive cleaning products to clean the rifle.

7.1. Introduction

Reliability and performance of your rifle is directly related to its cleanliness and preparedness for fire. Cleaning your rifle provides you the opportunity to closely examine the rifle components for wear and breakage; and in doing so, rectifying any potential problems before use.

7.2. Bolt Sub-Assembly

WARNING

- Bolt components are under spring tension and may eject when disassembled.
- The 22LR and 17HMR/22WMR bolts are different and must not be confused.
The 17HMR/22WMR bolt can be identified by a dimple machined on the underside of the bolt beneath the bolt handle.

Disassembly. Remove the bolt from the rifle. De-cock the bolt by holding the body of the bolt and rotating the bolt handle down. Remove the M4 x 8 mm screw from the bolt shroud using a 2.5 mm hex key (Figure 24).

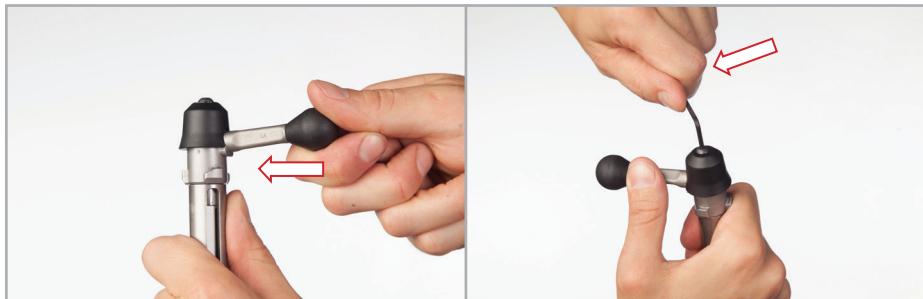


Figure 23: Bolt De-cock

Figure 24: Shroud Screw

Remove the bolt shroud. Press in on the firing pin retaining pin. Using a flat bladed tool withdraw and remove the bolt handle retaining pin (Figure 25). Carefully release pressure on the firing pin retaining pin. Withdraw the firing pin retaining pin, firing pin spring and firing pin from the bolt (Figure 26). Separate the bolt handle and bolt.

CAUTION

Handle the firing pin carefully. The firing pin indicator on the rear of the firing pin is easily damaged whilst disassembled.

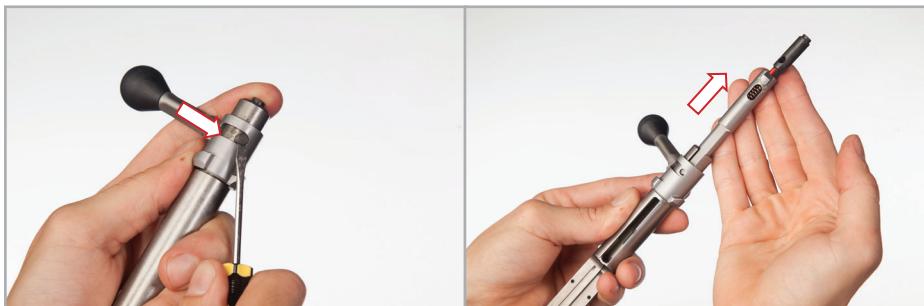


Figure 25: Bolt handle Retaining Pin

Figure 26: Bolt Disassembly

Cleaning. Oil the bolt assembly components to loosen foreign material. Wipe the components clean with a lightly oiled section of gun cleaning cloth. Remove any stubborn fouling by scrubbing with a nylon brush.

Inspection. Inspect the following surfaces for signs of damage, cracks, chips or burring:

- a. firing pin nose (Figure 27)
- b. cocking piece sear interface (Figure 28).



Figure 27: Firing Pin Nose

Figure 28: Sear Interface

Assembly. Fit the bolt handle to the bolt, locking lugs forward. Fit the firing pin, firing pin spring and firing pin retaining pin to the bolt. Align the bolt handle slot and retaining pin hole with the hole in the bolt. Press in on the firing pin retaining pin and replace the bolt handle retaining pin (Figure 29). Replace the bolt shroud and M4 screw. Tighten the screw to 2 Nm (17.7 in lbs). Hold the bolt body and rotate the bolt handle up.



Figure 29: Bolt Handle Alignment

7.3. Stock

Disassembly. Remove the bolt from the rifle. Remove the two M5 cap head screws from the underside of the rifle using a 3 mm hex key (Figure 30). Separate the barrel receiver subassembly and from the stock. Remove the recoil lug from the receiver.



Figure 30: Stock Disassembly

Cleaning. Clean polymer stocks using a nylon bristle brush to remove foreign material. Wipe clean using a dry gun cleaning cloth. Remove any heavy soiling with a mix of water and dishwashing detergent. Thoroughly dry the components before reassembly. Clean timber stocks with a damp lint free cloth.

Assembly. Fit the recoil lug to the receiver dovetail. Fit the barrel receiver assembly to the stock aligning the recoil lug with the matching cut-out in the stock. Replace the two M5 screws and tighten to 1.5 Nm (13.3 in lbs).

7.4. Trigger

WARNING



Rifles with a misaligned or loose trigger mechanism must be returned to a gunsmith for inspection and repair. Incorrectly fitted trigger mechanisms may be dangerous and could cause the rifle to fire accidentally.

CAUTION

Lithgow Arms does not recommend disassembling or separating the trigger mechanism from the receiver. The trigger mechanism is fitted to the receiver at the factory to ensure safe and reliable firing. Removing the trigger mechanism will void the rifle warranty.

Cleaning. Wipe the components clean with a lightly oiled section of gun cleaning cloth. Remove any stubborn fouling by scrubbing with a nylon brush.

Inspection. Inspect the following:

- a. the trigger mechanism is secure against the receiver, and
- b. the sear surface is free from damage, cracks, chips or burring (Figure 31).



Figure 31: Sear

7.5. Barrel and Receiver

Barrel and Receiver Surfaces. Clean dust, carbon and fouling from the surfaces using a lightly oiled section of gun cloth. Remove any stubborn fouling by scrubbing with a nylon brush.

Chamber. Fit an appropriately sized swab and lightly oiled section of gun cleaning cloth to a handle. Wipe the chamber clean. Check the chamber is clean and repeat if necessary.

To loosen stubborn material, fit an appropriately sized oiled nylon chamber brush to a handle. Lightly scrub the chamber walls. Check the chamber for foreign material. If material remains, repeat the process. Once all foreign material is removed, wipe the chamber clean with a lightly oiled gun cloth.

Bore. Fit an appropriately sized swab and lightly oiled section of gun cleaning cloth to cleaning rods or bore string. Pull the section through the bore from chamber to muzzle end. Check the bore is clean and repeat if necessary.

To loosen stubborn material, fit an appropriately sized oiled nylon bore brush to the cleaning rods or bore string. Pull the brush through the bore from chamber to muzzle end. Check the bore for foreign material. If material remains, repeat the process. Once all foreign material is removed, pull the bore through with a lightly oiled gun cloth.

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7.6. Lubrication

CAUTION

- Over lubricating the rifle will reduce performance and may cause malfunctions.
- Clean and dry the chamber, bore and bolt face of fouling and oil residue before firing.

The recommended lubricating oil for the LA101 CrossOver is Break Free® CLP® Cleaner Lubricant & Protectant.

Normal Conditions. The LA101 CrossOver should be only sparingly lubricated during maintenance activities.

Apply lubrication only at the following quantities and locations:

- a. Metal surfaces — light film of oil only.
- b. Extractor slots — one drop of oil.

7.7. Storage

Once cleaned and lubricated, store your rifle in a clean and dry environment.

Store and secure the rifle and ammunition separately in accordance with statutory state or territory laws to prevent unintentional tampering or theft.

Keep all rifles and ammunition out of reach and sight of children.

8. WARRANTY

8.1. Consumer Guarantees under Australian Consumer Law – Clause 1

Our LA101 Crossover rifle comes with guarantees under Australian Consumer Law. You are entitled to a replacement or refund for a major failure and compensation for any other reasonably foreseeable loss or damage. You are also entitled to have the rifle repaired or replaced if it fails to be of acceptable quality and the failure does not amount to a major failure.

8.2. Lithgow Arms Warranty – Clause 2

In addition to consumer guarantees under Australian Consumer Law, we will repair all defects in material and workmanship detected in your LA101 Crossover rifle, and notified to us, during the period of 12 months from the date of purchase (warranty period).

Our warranty will not apply, to the extent permitted under Australian Consumer Law, if Lithgow Arms identifies that:

- a. You have used the LA101 Crossover rifle for a purpose for which it was not designed.
- b. You have not operated or maintained your LA101 Crossover rifle in accordance with this operations manual.
- c. You have caused the defect by modifying, enhancing or making additions to your LA101 Crossover rifle using non-Lithgow Arms parts or accessories.
- d. You have dismantled your LA101 Crossover rifle not in accordance with this operations manual.
- e. You have not stored your LA101 Crossover rifle in accordance with our recommended instructions or in a suitable environment.
- f. Your LA101 Crossover rifle has incurred normal fair wear and tear when being used or handled for its purpose.
- g. You have not registered your LA101 Crossover rifle with Lithgow Arms in accordance with Clause 3.
- h. You have not made a claim to Lithgow Arms under this warranty during the warranty period.
- i. You have not returned your LA101 Crossover rifle to us in accordance with our instructions in Clause 4.

8.3. Product Registration – Clause 3

To activate the warranty under Clause 2, you must register your LA101 Crossover rifle at www.LithgowArms.com during the warranty period and provide all the mandatory information requested for product registration.

8.4. Making a Warranty Claim – Clause 4

To make a warranty claim, please contact us on +61 (0)2 6352 9900 or info@LithgowArms.com and follow our instructions for the return, shipment and repair of your LA101 Crossover rifle.

9. EXPLODED DIAGRAMS AND SPARE PARTS

9.1. Parts Diagrams

The following exploded diagrams and part numbers are provided to assist owners identify faults and order replacement parts.

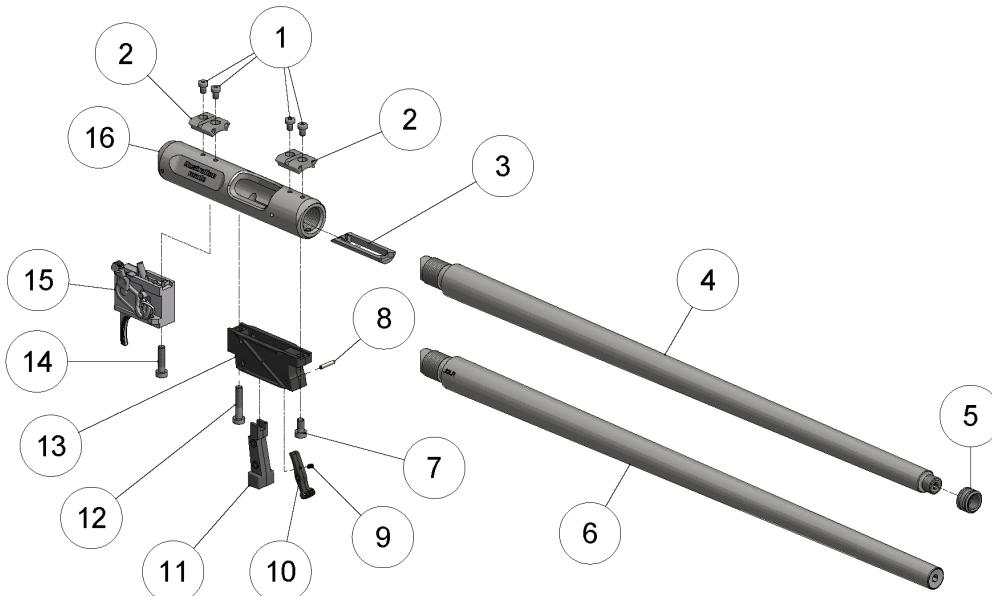


Figure 32: Barrels & Receiver

No.	DESCRIPTION	No.	DESCRIPTION
1	SCREW SOC LOW CAP M4 X 6L	7	SCREW SOC LOW CAP M5 x 10L
2	BASE SIGHT LA101	8	PIN STRAIGHT HEADLESS DIA 2.5 X 14L
3	PLATE EJECTOR LA101	9	SPRING LATCH MAGAZINE LA101
	PLATE EJECTOR MAGNUM LA101	10	LATCH MAGAZINE LA101
4	BARREL 17HMR THRD LA101	11	ADAPTER MAGAZINE LA101
	BARREL 22LR THRD LA101	12	SCREW SOC LOW CAP M5 x 25L
	BARREL 22WMR THRD LA101	13	WELL MAGAZINE LA101
5	CAP BARREL THRD LA101	14	SCREW SOC LOW CAP M5 x 20L
6	BARREL 17HMR LA101	15	TRIGGER ASSEMBLY LA101
	BARREL 22LR LA101	16	RECEIVER RIGHT HAND LA101
	BARREL 22WMR LA101		

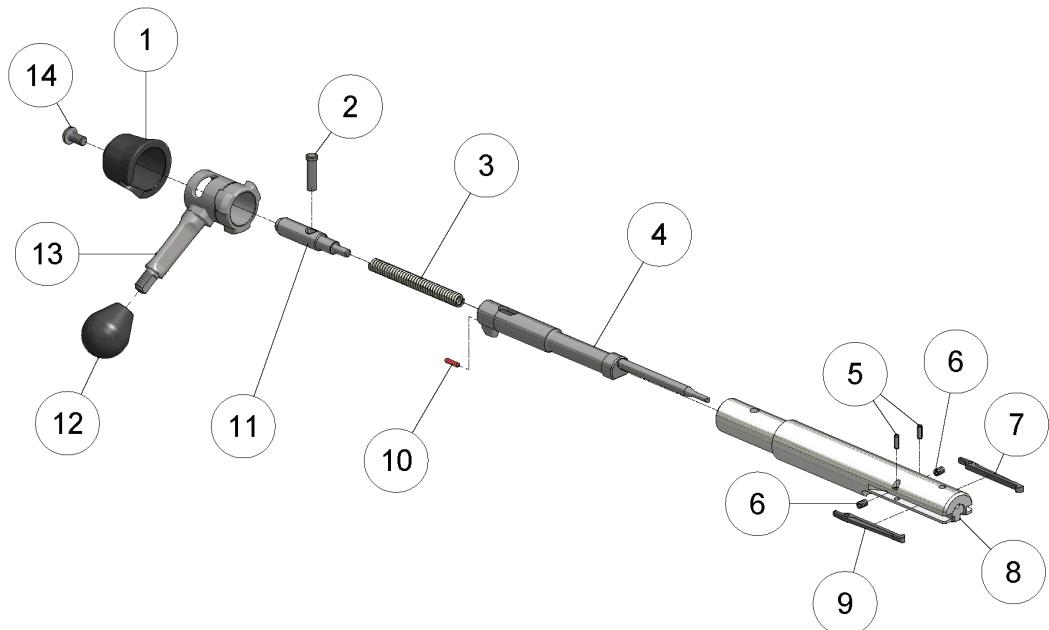


Figure 33: Bolt

No.	DESCRIPTION	No.	DESCRIPTION
1	SHROUD BOLT LA101	9	EXTRACTOR PRIMARY LA101
2	PIN RETAINING BOLT HANDLE LA101	10	INDICATOR FIRING PIN
3	SPRING FIRING PIN LA101	11	PIN RETAINING FIRING PIN
4	FIRING PIN LA101	12	KNOB BOLT LA101
5	PIN SPRING EXTRACTOR RETAINING	13	HANDLE BOLT LA101 RH
6	SPRING EXTRACTOR LA101	14	SCREW BUTTON HEAD M4 x 8L
7	EXTRACTOR SECONDARY LA101		
8	BOLT 22LR LA101		
	BOLT 17HMR/22WMR LA101		

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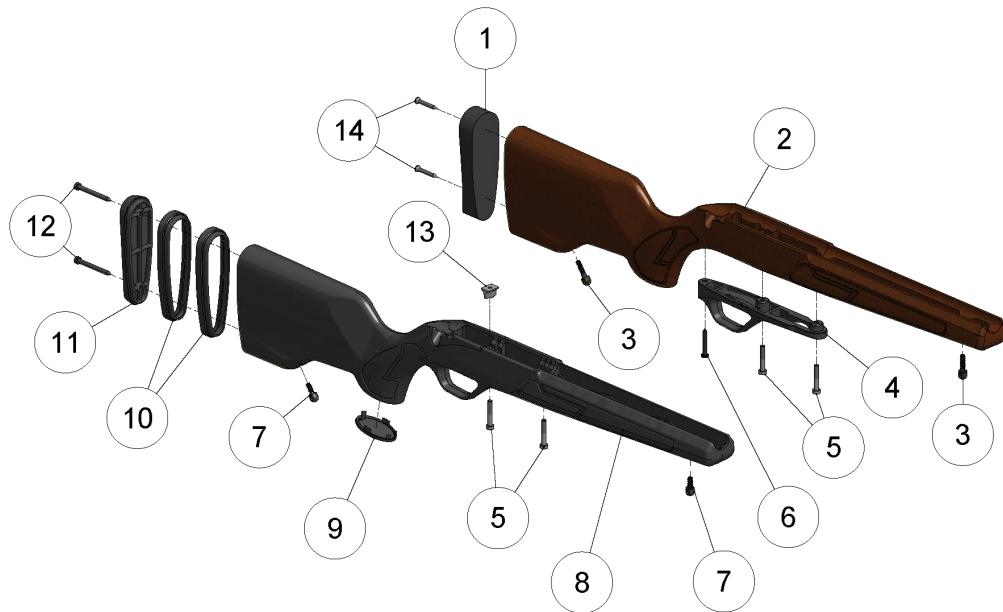


Figure 34: Stocks

No.	DESCRIPTION	No.	DESCRIPTION
1	RECOIL PAD	8	STOCK SUBASSEMBLY LA101 RH POLYMER
2	STOCK WALNUT RH LA101	9	GRIP CAP STOCK LA101
	STOCK LAMINATE RH LA101	10	SPACER BUTT LA101
3	STUD SLING LONG	11	RECOIL PAD ASSEMBLY LA101
4	TRIGGER GUARD	12	SCREW RECOIL PAD RETAINING LA101 POLYMER
5	SCREW SOC LOW M5 x 30L	13	LUG RECOIL LA101
6	SCREW TRIGGER GUARD RETAINING LA101 TIMBER	14	SCREW RECOIL PAD RETAINING LA101 TIMBER
7	STUD SLING LA101		

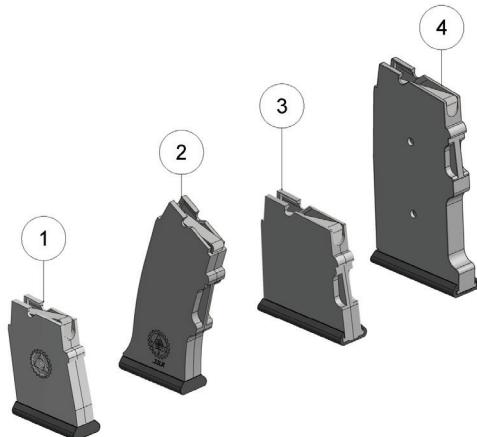


Figure 35: Magazines

No.	DESCRIPTION	No.	DESCRIPTION
1	MAGAZINE ASSY LA101 22LR 5RND	3	MAGAZINE ASSY 17HMR/22WMR 5RND
2	MAGAZINE ASSY LA101 22LR 10RND	4	MAGAZINE ASSY 17HMR/22WMR 10RND

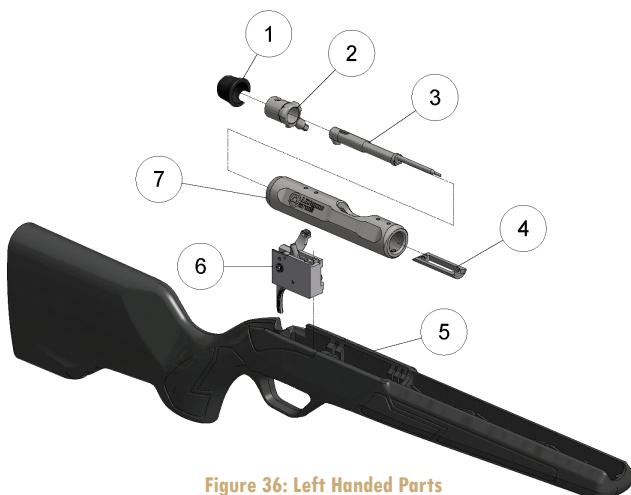


Figure 36: Left Handed Parts

No.	DESCRIPTION	No.	DESCRIPTION
1	SHROUD BOLT LH LA101	5	STOCK ASSEMBLY LA101 LH POLYMER
2	HANDLE BOLT LH LA101	6	TRIGGER ASSEMBLY LA101 LH
3	PIN FIRING LA101 LH	7	RECEIVER LA101 LH
4	EJECTOR PLATE LA101 LH		
	EJECTOR PLATE MAGNUM LA101 LH		

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LITHGOW ARMS BATTLE PROVEN SINCE 1912

Lithgow Arms, 4 Martini Parade, Lithgow, NSW 2790, Australia

Tel: +61 (0)2 6352 9900

Email: info@LithgowArms.com

Web: www.LithgowArms.com

Thales Australia Limited trading as Lithgow Arms. ABN 66 008 642 751