

STEALTH RECON SCOUT
SRS-A1
SRS-A1 AND SRS-A1 COVERT
OWNERS MANUAL



DESERTTECH®
TOMORROWS WEAPONS

Welcome to the proud family of Desert Tech precision rifle owners. In acquiring your new Stealth Recon Scout-A1 or Stealth Recon Scout-A1 Covert rifle, you are the owner of one of the most versatile precision rifle systems in the world. Whether a police marksman is shooting 50 yards or a military sniper is shooting a mile, the SRS-A1 offers unrivaled flexibility in an overall package that is among the shortest precision rifles available.

To get the most out of your SRS-A1 rifle, please read the manual from cover to cover before handling and operating the rifle for the first time.

READ THE OPERATING INSTRUCTIONS CAREFULLY

Any reference to the SRS-A1 within this manual references both the SRS-A1 and the SRS-A1 Covert, unless otherwise specified.

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WARNING!

KEEP OUT OF REACH OF CHILDREN !

IT IS DANGEROUS TO ALTER OR MODIFY THIS FIREARM IN ANY WAY. ANY ALTERATION OR MODIFICATION OF THE FIRING MECHANISM MAY RESULT IN THE FIREARM BECOMING UNSAFE. ANY ATTEMPT TO ALTER OR MODIFY THIS FIREARM WILL NULLIFY ALL WARRANTIES. THE USE OF REMANUFACTURED OR RELOADED AMMUNITION OF ANY KIND WILL ALSO VOID ALL WARRANTIES.

ALWAYS keep the firearm pointed in a safe direction.

ALWAYS keep your finger off the trigger until ready to shoot.

ALWAYS be sure of your target and what is beyond it.

ALWAYS keep the firearm unloaded until ready to use.

ALWAYS wear eye and ear protection.

Know how to use the firearm safely.

Be sure the firearm is safe to operate. Consult the owners manual before use of the firearm.

Use only the correct ammunition for your firearm.

Never use alcohol, over-the-counter prescription drugs, or other drugs before or while shooting.

Store firearms so they are not accessible to unauthorized persons.

For more information on firearm safety, visit the NRA Education and Training website: training.nra.org/nra-gun-safety-rules.aspx

WARNING!

Follow all local, state, and federal laws regarding legal use of your Desert Tech SRS-A1 rifle.

This item may be regulated for export by the U.S. Department of State or the U.S. Department of Commerce. Please see our export policy at www.deserttech.com for details.

FIREARM SAFETY

READ THE OPERATING INSTRUCTIONS CAREFULLY

Remember that even the safest firearm is potentially dangerous to you and others when it is not properly handled. Carefully read the operating instructions to learn how the rifle works and how it is to be handled.

WARNING: Carry out the following operations before any rifle configuration, cleaning, or disassembly: Move safety slide to "S" (safe) (see page 17), remove the magazine (see page 25), open the bolt (figure a-1, page 10) and visually ensure the chamber is clear.

Ensure the rifle is unloaded and safe whenever:

- Receiving or handing-off the rifle
- Transporting the rifle
- Cleaning or disassembly
- Scope mounting and rifle configuration
- You have stopped firing
- The rifle is not in use

Before firing the rifle:

- Always wear eye and ear protection.
- Always be aware of the target and what lies beyond it.

Make sure that the barrel is fully seated and barrel retention screws are tight before firing, as described on pages 12-15.

Do not use excessive force when disassembling or assembling your rifle. A firearm is only safe as long as it is in a flawless mechanical condition. Incorrect handling and/or lack of maintenance may lead to malfunctions and reduced safety of the firearm. Unauthorized modifications to the rifle, or damages caused by the application of force will void the manufacturers warranty. Only a DT certified armorer is allowed to work on the rifle.

REMEMBER:

TREAT ALL FIREARMS AS ALWAYS LOADED. LOOKING INTO THE END OF THE BARREL (MUZZLE) IS NOT RECOMMENDED AT ANY TIME.

SPECIFICATIONS

Available Caliber Options and Barrel Lengths:

SRS-A1

.308 Win.	22" (55.88 cm)
.308 Win.	26" (66.04 cm)
.260 Rem.	26" (66.04 cm)
6.5 Creedmoor	26" (66.04 cm)
6.5x47 Lapua	26" (66.04 cm)
7mm WSM	26" (66.04 cm)
.300 Win. Mag.	26" (66.04 cm)
.338 Lapua Mag.	26" (66.04 cm)

SRS-A1 Covert

.308 Win.	16" (40.64 cm)
.300 Win. Mag.	18" (45.72 cm)
.338 LM	18" (45.72 cm)

Rifle Weight with Conversion Kit:

SRS-A1

22" .308 Win.	10.85 lb (4.92 kg)
26" .308 Win.	11.30 lb (5.12 kg)
26" .260 Rem.	11.50 lb (5.21 kg)
26" 6.5 Creedmoor	11.40 lb (5.17 kg)
26" 6.5x47 Lapua	11.55 lb (5.24 kg)
26" 7mm WSM	11.35 lb (5.15 kg)
26" .300 Win. Mag.	11.25 lb (5.10 kg)
26" .338 Lapua Mag.	11.30 lb (5.12 kg)

SRS-A1 Covert

16" .308 Win.	9.95 lb (4.51 kg)
18" .300 Win. Mag.	10.20 lb (4.62 kg)
18" .338 Lapua Mag.	10.20 lb (4.62 kg)
22" .308 Win.	10.55 lb (4.78 kg)
26" .308 Win.	11.00 lb (5.00 kg)
26" .260 Rem.	11.20 lb (5.08 kg)
26" 6.5 Creedmoor	11.10 lb (5.02 kg)
26" 6.5x47 Lapua	11.25 lb (5.10 kg)

26" 7mm WSM	11.05 lb (5.01 kg)
26" .300 Win. Mag.	10.95 lb (4.97 kg)
26" .338 Lapua Mag.	11.00 lb (5.00 kg)

Rifle Length with Conversion Kit:

SRS-A1

22" .308 Win.	33" (83.82 cm)
26" .308 Win.	37" (93.98 cm)
26" .260 Rem.	37" (93.98 cm)
26" 6.5 Creedmoor	37" (93.98 cm)
26" 6.5x47 Lapua	37" (93.98 cm)
26" 7mm WSM	37" (93.98 cm)
26" .300 Win. Mag.	37" (93.98 cm)
26" .338 Lapua Mag.	38.5" (97.79 cm)

SRS-A1 Covert

16" .308 Win.	27" (68.58 cm)
18" .300 Win. Mag.	29" (73.66 cm)
18" .338 Lapua Mag.	30.5" (77.47 cm)

Rate of Twist:

SRS-A1	Twist	Caliber	Magazine Capacity:
	1 in 11"	.308 Win.	6
	1 in 8.5"	.260 Rem.	6
	1 in 8"	6.5 Creedmoor	6
	1 in 8.5"	6.5x47 Lapua	6
	1 in 9"	7mm WSM	5
	1 in 10"	.300 Win. Mag.	5
	1 in 10"	.338 Lapua Mag.	5

SRS-A1 Covert

1 in 8"	.308 Win.	6
1 in 10"	.300 Win. Mag.	5
1 in 9"	.338 Lapua Mag.	5

Mechanical Features

Method of operation:

Method of feeding:

Ejection:

Bolt Action

Detachable Box Magazine

Through port at right side (or the left side, for the left handed model)

Loctite Parts

Muzzle Brake

Feed Ramp Screw

Monopod Adapter

Bolt Sleeve Stop Set Screw

Forearm Coupler

SRS Torque Specs

Rail Segments Screws	8 in/lb	0.9 nm	Barrel Retention Screws	80 in/lb	9.04 nm
Trigger Screw	24 in/lb	2.71 nm	Sling Stud Screw	24 in/lb	2.71 nm
Trigger Mounting Screws	24 in/lb	2.71 nm	Cheek Piece Screws	24 in/lb	2.71 nm
Stock Panel Screws	8 in/lb	0.9 nm			

Sights

Picatinny rail (no taper)

Safeties

Fire Selector

Safe and Fire

FACTS ABOUT THE SRS-A1

The SRS-A1 is a lightweight, bullpup, bolt action operated, magazine-fed firearm. A brief description of the SRS-A1 rifle follows:

KEY FEATURES

Accuracy

The SRS-A1 achieves superb precision in all calibers because it's built around core accuracy components:

1. Match grade (free-floated) barrel, chamber and crowns.
2. High quality user-adjustable trigger.
3. Solid, repeatable return-to-zero barrel mounting system secures the barrel over the first six inches of barrel assembly clamping surface.

Quick caliber conversion capability

The SRS-A1 can be quickly converted between the following chamberings: .260 Remington, 6.5 Creedmoor, 6.5x47 Lapua, .308 Winchester, 7mm Winchester Short Magnum, .300 Winchester Magnum, .338 Lapua Magnum. The caliber conversion and return to zero is simple and averages less than 60 seconds.

Ergonomics

The ergonomics and balance of the SRS-A1 are unmatched. We elected to build ergonomics into the rifle itself, instead of adding heavy accessories as an afterthought.

Compact

The SRS-A1 is one of the shortest purpose-built precision rifles in the world. The telescoping bolt and bullpup configuration make it almost a foot shorter than conventional precision rifle systems. The compact design shifts weight and center-of-gravity rearward, creating a comfortably balanced and compact rifle.

Rugged

The SRS-A1 was designed to operate under the harshest conditions and abuse. It is built of high-impact polymers, aircraft grade aluminum, high-strength alloy steels, and some of the most durable coatings available. The monolithic receiver serves as a full length mounting chassis, eliminating the need for any sort of receiver-to-stock bedding interface. SRS-A1 stock panels attach directly to the receiver.

Ergonomic Feature List

Single stage match grade trigger; adjustable for creep, length of pull, and weight (1-3 lb). The padded, adjustable cheek piece was designed into the rifles chassis and allows .43 inches (11mm) of adjustment.

Raised modular recoil pad positions the shooter's shoulder above the bore line, minimizing muzzle rise and felt recoil.

Ambidextrous safety selector is accessible without removing firing hand from pistol grip. 60-degree bolt lift.

Rear, ambidextrous magazine release button easily facilitates rapid magazine changes. The rifle balance point is approximately 1" forward of the trigger guard.

Up to five flush cup sling attachment points (four for the SRS-A1 Covert).

General Firearm Construction and Other Benefits

The barrel is attached to the receiver by four barrel retention screws and a barrel locking lug

The aluminum forearm is securely attached to the front of the receiver

A full-length, MIL-STD-1913 rail runs along the top of the receiver and forearm, facilitating optics, night vision, thermals and other accessories. Rail segments attach to the sides for user-specified placement.

The bolt assembly travels inside of the receiver; the bolt handle is located on the right side of the receiver

Ambidextrous safety selector is located above the trigger guard, on the right and left side of the firearm

The recoil pad is attached to the rear end of the receiver.

Our magazines incorporate a "shoulder retention" feature that prevents the projectile tips from hitting the front of the magazine during recoil

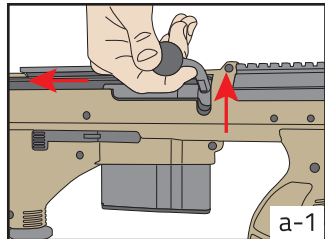
The SRS-A1 is available in a variety of color configurations; all rifles are hard-coat anodized black and are additionally painted in black, flat dark earth, or olive drab. The stock panel color options are: black, flat dark earth, or olive drab

RIFLE SETUP

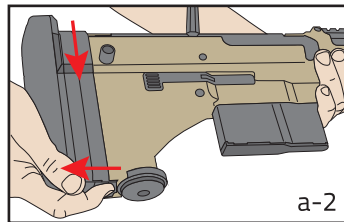
WARNING: Carry out the following operations before any rifle configuration, cleaning, or disassembly: Move safety slide to "S" (safe) (page 17), remove the magazine (page 25), open the bolt (figure a-1) and visually inspect the chamber to ensure the chamber is clear.

a) Conversion Kit Removal

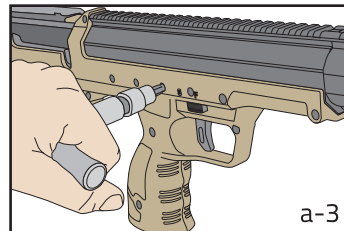
1. Place rifle in the "S" (safe) position, then remove magazine (see page 25).
2. Rotate bolt and slide it to the rear of the bolt channel (figure a-1).
*Left-handed model will be the opposite side.



3. Remove recoil pad assembly by first sliding the bolt forward 3/4" from it's rearmost position to clear the recoil pad mounting plate hook. Remove the recoil pad assembly by pressing the forward-most retaining tab rearward, while pushing downward on the recoil pad assembly (figure a-2).



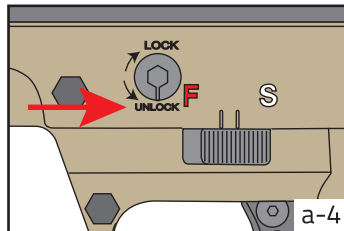
4. With a 5mm hex-wrench, loosen the four barrel retention screws on the right side of the SRS-A1 one full turn (figure a-3).



*Right-hand model shown, left-handed model will be the opposite side.

Required: Do not loosen screws more than one full turn; it will bow the stock panels.

5. With a 5mm hex-wrench, turn the barrel locking lug on the left side of the rifle to the "Unlock" position (figure a-4).
6. Slide the barrel straight out of the rifle receiver.

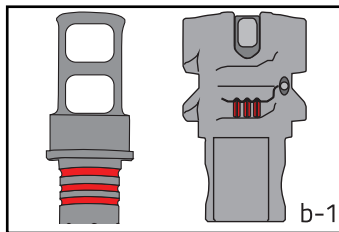


b) Bolt/Barrel Tactile Indicators

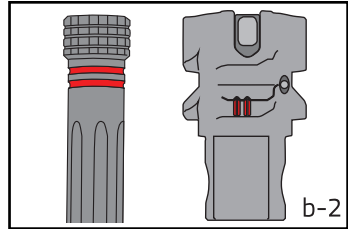
The SRS-A1 Conversion Kit has been designed with tactile identification markings on the barrel and bolt.

WARNING: Make sure the barrel caliber and bolt caliber match your intended ammunition before loading the rifle.

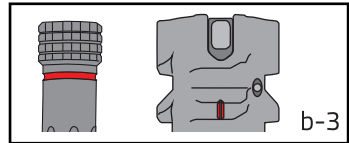
1. Three lines indicates that the bolt head and barrel are for the .338 LM (figure b-1).



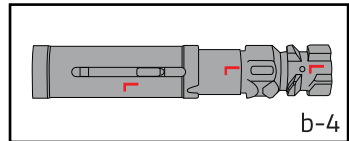
2. Two lines indicates that the bolt head and barrel are for either the .300 Win Mag, or 7mm WSM (figure b-2).



3. One line indicates that the bolt head and barrel are for either the .260 Rem., 6.5 CM, 6.5x47 Lapua, or .308 Win. (figure b-3).

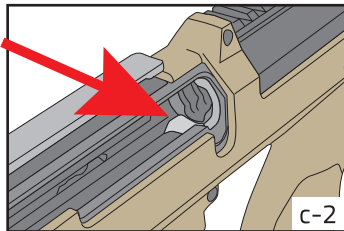
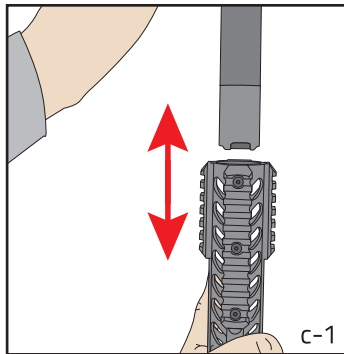


*Left handed bolts have an "L" engraving on the bolt head, sleeve, striker, bolt body, and barrel extension. (figure b-4, b-5).



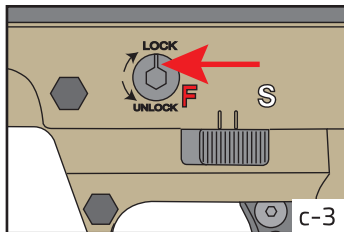
c) Conversion Kit Installation

1. Ensure the new barrel and bolt caliber and indicator notches match your intended ammunition (see pages 12-13).
2. Carefully slide barrel into the SRS-A1 receiver with the barrel indexing notch facing the rifles 6 o'clock (downward) position (figure c-1).
3. Ensure the barrel is fully seated onto the chassis feed ramp (figure c-2).
4. Insert the appropriate bolt into the SRS-A1, locking it into position.

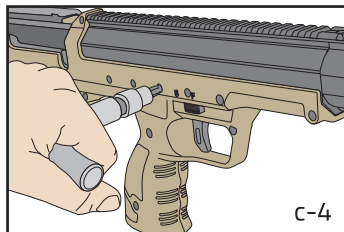


*Right-hand model shown, left-handed model will be the opposite side.

- With a 5mm hex-wrench, turn the barrel locking lug on the left side of the rifle to the "Lock" position (figure c-3).



- Using a 5mm hex-wrench, torque the four barrel retention screws on the right side of the rifle to 80 in/lb, (9.04 nm) from front to rear. A torque wrench is highly recommended for this step to prevent over-tightening the barrel retention screws (figure c-4).



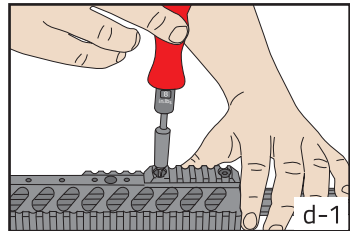
*Right-hand model shown, left-handed model will be the opposite side.

WARNING: EXCEEDING THE TORQUE SPECIFICATION WHEN TIGHTENING THE BARREL RETENTION SCREWS CAN PERMANENTLY DAMAGE YOUR RECEIVER AND WILL VOID ALL WARRANTIES (Portable torque wrenches are available to purchase at our website at www.deserttech.com or by calling 801.975.7272.

7. Place the recoil pad assembly onto the rifle and push it upward until the recoil pad mounting plate release tab is engaged.
8. Open bolt.

d) Forearm Rail Placement

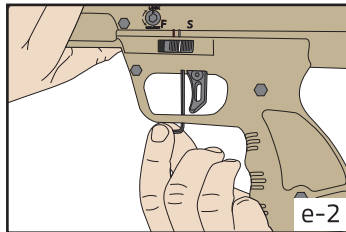
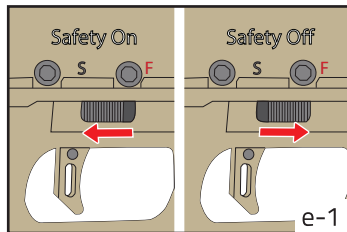
1. Place the forearm rails onto the forearm sides or bottom. Screw the rail onto the forearm with a 2.5mm hex-wrench to 8 in/lb (0.9 nm), (figure d-1)



e) Trigger Adjustment

Trigger Creep Adjustment

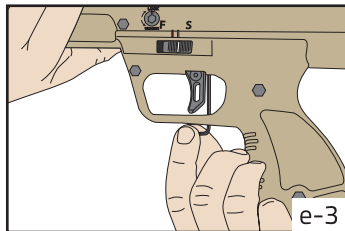
1. Ensure the Safety Slide is in the "S" (safe) position before making any trigger creep adjustments (figure e-1).
2. Locate the Trigger Creep Screw through the small hole in the trigger guard located just in front of the trigger.
3. Using a 2.5mm hex-wrench, insert the end of the wrench through the hole in the trigger guard and into the Trigger Creep Screw (figure e-2).
4. Rotating the Trigger Creep Screw counter-clockwise will add additional creep to the trigger pull; rotating the screw clockwise will remove creep from the trigger pull.



5. After adjusting your Trigger Creep Screw, ensure that the Safety Slide still has smooth, unrestricted movement to both the fire and safe positions (figure e-1, page 17). Use Blue Loctite 243 to secure it in position.
6. If movement is not free rotate your trigger creep adjustment screw counter-clockwise until Safety Slide movement returns to a smooth, unrestricted feel.

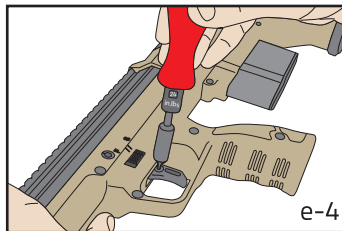
Trigger Weight Adjustment

1. Insert a 2mm or 2.5mm (depending on SRS revision) hex wrench through the rear hole in the bottom of the trigger guard and into the rear screw on the trigger. Turn clockwise to increase trigger weight, and counter-clockwise to decrease weight (figure e-3).



Trigger Position Adjustment

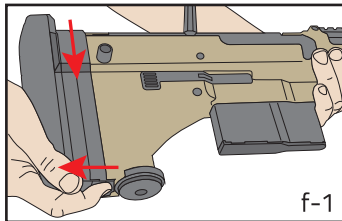
1. Loosen the trigger screw using a 2.5mm hex-wrench. The trigger can slide up to 1/4". When desired trigger position is found, tighten trigger screw to 24 in/lb (2.71 nm), (figure e-4).



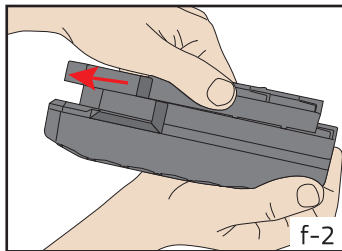
f) Length of Pull Adjustment

Length of pull is the distance between the center of the modular recoil pad and trigger. The SRS-A1 length of pull is adjusted by the modular recoil pad spacers between the rubber modular recoil pad and the rifle's stock. These spacers can be added or removed to increase or decrease between the shooter's shoulder and rifle's trigger.

1. To remove the recoil pad spacers and recoil pad, push the tab on the bottom of the spacer toward the rear of the rifle while sliding the recoil pad down and away from the rifle (figure f-1).

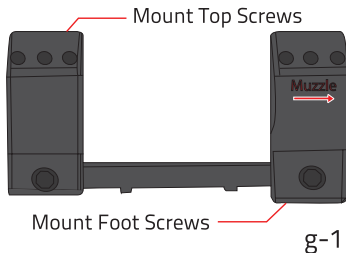


- To remove a recoil pad spacer, pull the release tab toward the recoil pad and slide the recoil pad spacer upwards (figure f-2). To add a recoil pad spacer, place the recoil pad spacer into the notches and slide the recoil pad spacer downward until it locks into position.

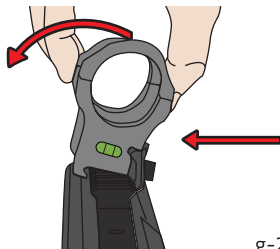


g) Scope Mounting

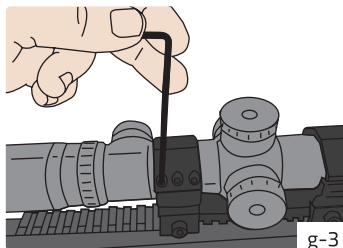
- Identify front of mount (figure g-1). Mount foot screws should be on the right side, with the front facing toward the muzzle.
- Loosen, but do not remove, mount top screws. Next, loosen the mount foot screws.



3. Tilt mount on right side, placing scope feet under the picatinny rail (figure g-2).
4. Rotate mount until flat on top of picatinny rail (ensure left dove tail goes under rail).
5. Apply forward pressure on the mount to ensure positive engagement with the rail.
6. Tighten mount foot screws to 80 in/lb (9.04 nm).
7. Remove mount top screws.
8. Place scope in the bottom of the mount and install scope mount tops.
9. Finger tighten mount top screws. Leave them loose enough that the scope can still rotate/slide inside the mount (figure g-3).



g-2



10. Establish eye relief

Get into your preferred shooting position

Pull rifle firmly into your shoulder

Close your eyes

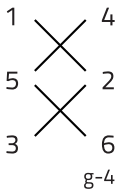
Confirm cheek-weld

Open your eyes

Adjust scope forward or backward until any black ring goes away

11. Refer to your optics owner's manual for scope leveling procedures.

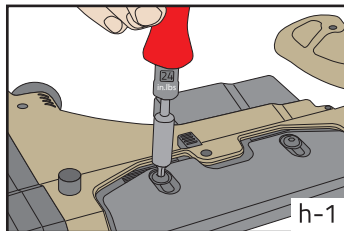
12. Tighten top mount screws to 15 inch/lb, (1.69 nm) using a 2.5mm hex-wrench by rotating from left to right in a crisscross pattern. (fig. g-4).



CAUTION: Do not use 3/32 hex-wrench to tighten screws, it will cause the screw head to strip.

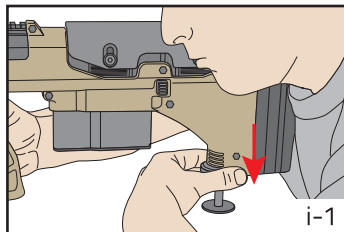
h) Cheek-Piece Adjustment

1. Loosen the 2 cheek-piece screws with a 4mm hex-wrench and adjust it to your desired height. Tighten the 2 cheek-piece screws back into place and torque them to 24 in/lb, (2.71 nm) (figure h-1).

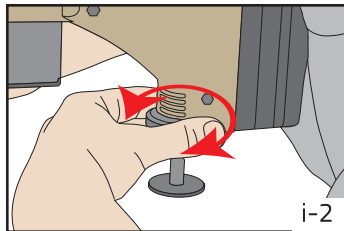


i) Monopod Adjustment

1. To quickly set the monopod to a desired height, shoulder the rifle in a prone position, then pull the monopod's knurled knob downward. The monopod's spring-loaded foot will drop down. Release the knurled knob to lock the monopod into position (figure i-1).



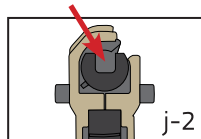
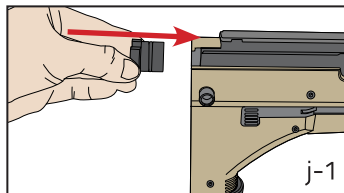
2. Twist the knurled knob clockwise and counter-clockwise for fine elevation adjustment (figure i-2).
3. To retract the monopod foot, pull the knurled knob downward while pushing the foot upward into the rifle.



j) Bolt Stop Installation

Note: Install the bolt stop for short action caliber conversions only.

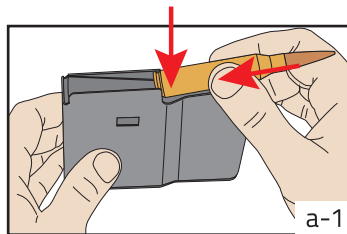
1. To install the bolt stop, remove the recoil pad assembly (page 11), and place the bolt stop in the receiver channel (figure j-1) with the rectangular cutout facing up and flush with the rear of the receiver (figure j-2).
2. Reinstall recoil pad assembly. Bolt stop removal process is reverse of installation.



RIFLE OPERATION

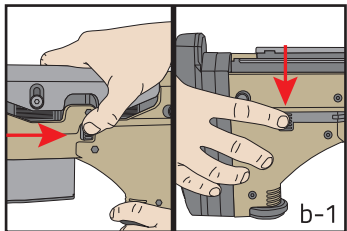
a) Magazine Loading and Unloading

1. With the magazine in an upright position and slots facing you, place cartridge on the follower. Press down and slide cartridge rearward (figure a-1). Repeat until loaded. See page 5 for magazine capacity.
2. To unload, push the cartridge down and forward out of the magazine.



b) Magazine Insertion and Removal

1. Insert magazine upward into the magazine well until the magazine catch is engaged.
2. To remove the magazine, press the magazine release on either side of the rifle (figure b-1).



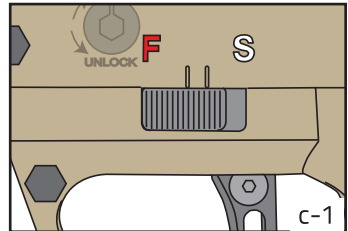
WARNING: Never chamber a round until you are ready to fire.

WARNING: Wear eye and ear protection while operating the rifle.

WARNING: See page 37 for initial cleaning before operating rifle.

c) Firing the SRS-A1

1. Insert a loaded magazine with the bolt to the rear.
2. Run bolt forward and lock downward into place.
3. Set safety slide to "F" (Fire) (figure c-1).
4. With a round chambered, the rifle is now ready to fire.
5. Press the trigger to fire.

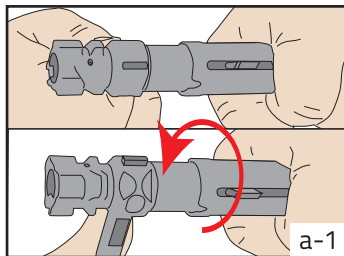


DISASSEMBLY AND REASSEMBLY

a) Bolt

Disassembly:

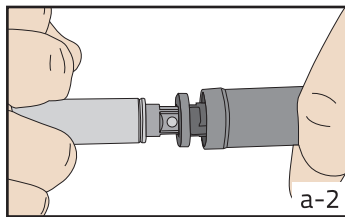
1. Remove bolt from rifle (see page 10).
2. Grip the bolt sleeve and rotate the bolt body so the striker is in its forward position. This will minimize spring tension on the end cap (figure a-1).



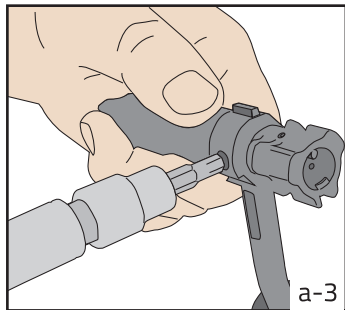
WARNING: Bolt is under spring pressure. Wear safety glasses.

*Left-handed bolt must be turned opposite shown in a-1.

3. Using a 3/8" drive, slightly depress and rotate the end cap counter-clockwise until the end cap pops out about 1/4". Then rotate the end cap clockwise to remove it completely (figure a-2).



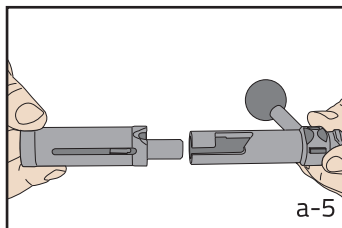
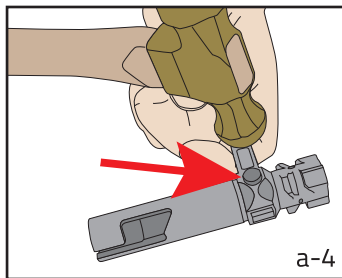
4. Rotate bolt body so internal parts (striker spring, striker, and firing pin) fall free.
5. Using a punch or 5mm hex-wrench, push the bolt body pin out from its smaller side (figure a-3).
6. Remove bolt head.



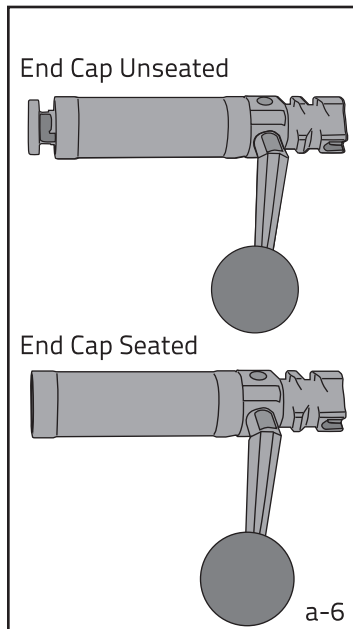
Reassembly:

Note: For reference of bolt assembly, see page 52.

1. Place bolt head into the bolt body.
2. Align extractor of the bolt head with the bolt handle (figure a-3, page 28). Press or tap the bolt body pin with a small brass hammer until it is fully seated into the bolt body (figure a-4).
3. Drop the firing pin into the bolt body, making sure it protrudes out the firing pin hole.
4. Insert the striker into the bolt sleeve slot with the striker's tab facing out so that the striker's tab is aligned with the sleeve slot (figure a-5).



5. Slide the striker and bolt sleeve onto the bolt body.
6. Rotate the bolt sleeve so that the striker is in its forward position. This will minimize spring compression.
7. Drop the striker spring into the striker.
8. Push the bolt end cap into the rear of the bolt, twisting it counter-clockwise until it stops.
9. Using a 3/8" drive wrench, push the end cap into the bolt body and twist it clockwise until it locks into its seated position (figure a-6).



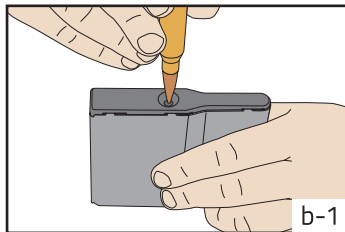
10. Grip the bolt sleeve and rotate it so that the striker is in its rear position.
11. Put bolt back into the rifle.

b) Magazine

WARNING: Remove all cartridges before disassembling the magazine.

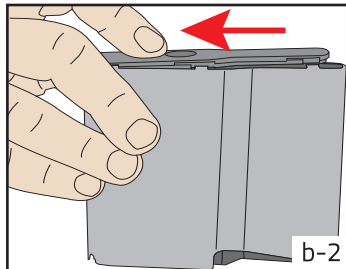
Disassembly:

1. Remove magazine from the rifle (see page 25).
2. With the magazine (unloaded) upside-down, use a small pointed object and push the spring guide inward (figure b-1).

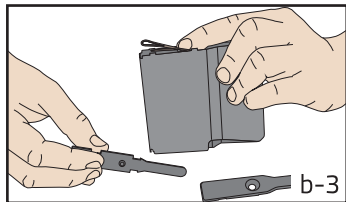


WARNING: The magazine spring is under pressure. Wear eye protection and take caution when removing the magazine floorplate.

3. With the spring guide depressed, slide the magazine floor plate rearward approximately 1/4" (figure b-2).



4. Remove the magazine floor plate and spring guide while capturing the spring (figure b-3).



5. Remove the magazine spring and follower from the magazine housing.

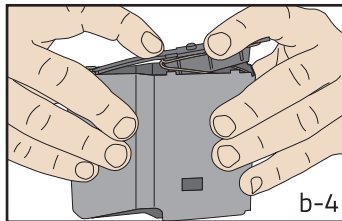
Reassembly:

Note: For reference of magazine assembly, see page 53.

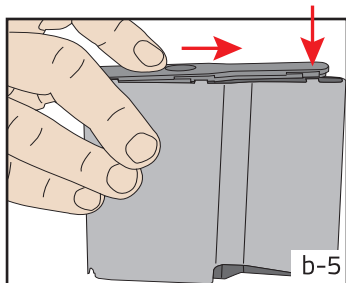
1. With the magazine upside down, insert the follower into the magazine, making sure the spring pocket on the follower is facing upward.
2. Insert the spring into the magazine, aligning it with the pocket in the follower.

Note: The spring needs to be correctly oriented so that the small coil engages the follower and the high point faces forward.

3. Place the magazine guide onto the spring and push it down into the magazine housing with the pointed end of the guide first, then slide the guide forward past the notches to lock it into place (figure b-4).



4. Push the floor plate onto the bottom of the magazine housing, aligning it with the notches and push forward until the base catch engages the floor plate (figure b-5).

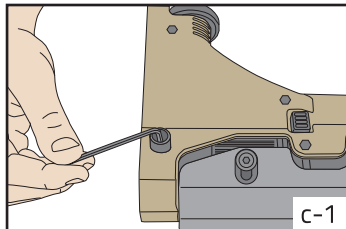


c) Stock Panels

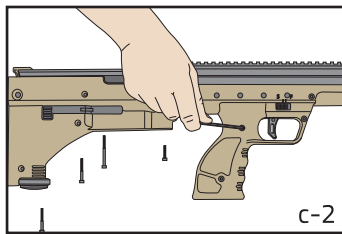
Note: For reference of stock panel assembly, see page 54.

Stock Panel Removal:

1. Remove conversion kit (see pages 10-12).
2. Using a 3mm hex-wrench, unscrew the aft sling studs (see figure c-1).



3. With a 4mm hex-wrench, loosen and remove cheek-piece.
4. Lay the rifle down with the right side facing up.
5. Using a 3mm hex-wrench, remove the 10 stock panel screws, keeping track of where each screw goes (figure c-2).

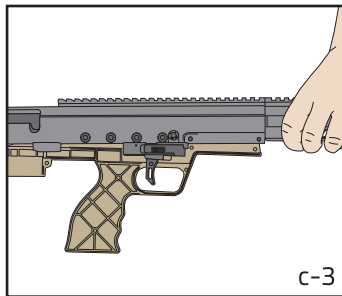


Note: Each screw is location specific.

6. Carefully separate the stock panel halves from the receiver.

Stock Panel Installation:

1. Place the left stock panel on a table and carefully insert the receiver (figure c-3).



2. Place the right side stock panel onto the right side of the receiver.
3. With a 3mm hex-wrench, screw each stock panel screw into the correct locations, tightening each screw to 8 in/lb (0.9 nm).
4. With a 3mm hex-wrench, screw the aft sling studs tightening them to 24 in/lb (2.71 nm).
5. Install the cheek-piece to your desired height and tighten cheek-piece screws to 24 in/lb (2.71 nm).
6. Install conversion kit (see pages 12-14).

CLEANING AND MAINTENANCE

GENERAL

Comprehensive knowledge of how to service and handle firearms is of great importance. Experience has shown that most failures, which occur while operating a firearm, are due to negligence in maintenance. Special attention must be paid to cleaning, lubricating, and inspecting the rifle; this will determine whether or not the rifle will function properly. In order to maintain accuracy, the barrel must be maintained properly. The receiver, bolt assembly, and other moving parts of the rifle must be kept clean and lightly lubricated to ensure proper operation of the rifle.

a) Initial Cleaning

Warning: Never use abrasive or metallic materials to clean your SRS-A1.

Note: When the rifle is purchased or after it has been stored for long periods of time, the rifle should be cleaned before use.

1. Adhere to all rifle safety precautions.

2. Clear the rifle. Move safety slide to "S" (safe) (page 17), remove the magazine, (page 25), open the bolt (page 10) and visually inspect the chamber to ensure the chamber is clear.
3. Any heavy or gummy deposits may be removed using very light rust preventative oils. After cleaning, wipe dry and lightly coat with gun oil as directed (see page 40 for lubrication points.)

b) Periodic Maintenance

Barrel:

Desert Tech recommends cleaning the barrel when accuracy begins to deteriorate, using bore cleaning foam and the proper-sized Bore Snake. Follow cleaner product instructions when cleaning the barrel.

Muzzle Brake:

Ensure the ports are clear of debris and occasionally check to ensure the brake is securely fastened.

Magazine:

The magazine should be disassembled, cleaned, and lightly oiled regularly (see pages 31-34).

Receiver Interior:

A visual and manual inspection of the inside of the receiver will reveal what, if any, cleaning is necessary. Most debris can be removed with a cloth or cleaning patch.

Bolt Face:

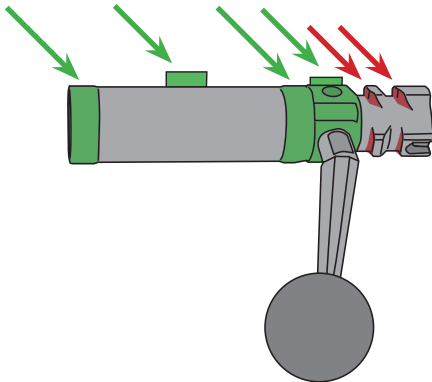
Ensure the bolt face is free from debris. This area can be wiped clean. This is also a good time to ensure that the ejectors and extractor are functioning properly by manually actuating them to ensure proper spring function and return. Also, a light amount of lubricant may be applied to the bolt face at this time.

Bolt Interior:

The operator should occasionally remove the firing pin assembly from the bolt (pages 27-31). Wipe this area clean and apply a light amount of lubricant.

c) Lubrication points

1. Desert Tech recommends a moly-based grease for bolt head lubrication. Using a cotton swab, apply a small amount of moly grease to the rear of the **six** bolt head lugs (red areas).
2. Apply a light coat of gun oil around the raised surface of the bolt sleeve, bolt body and striker points (green areas).



d) Storage

WARNING!

KEEP OUT OF REACH OF CHILDREN!

1. Ensure the rifle chamber is clear and the magazine is unloaded and the rifle is on "S" (safe) position.
2. If possible, store rifle in a gun safe, with the butt of the stock resting on the ground and the muzzle pointed up.
3. If a safe is unavailable, store in a secure location, ensuring it is out of reach of children.

TROUBLESHOOTING

- a) **Failure to Fire** * Striker assembly snaps home but rifle will not fire.

Warning: If the rifle fails to fire with a live round in the chamber of a hot barrel (a hangfire or jam), keep the rifle pointed in a safe direction, place the safety slide on the "S" (safe) position, and wait 30+ seconds before trying to remove the round. If you cannot remove the round, remove the magazine and wait at least 15 minutes with the rifle pointed in safe direction, then proceed from the following troubleshooting procedures to safely determine the cause of the malfunction and return the rifle to a safe condition.

Cause	Remedy
1. Magazine is empty	Open the bolt to remove possible last round. Inspect chamber and, if empty, insert full magazine and close the bolt to continue firing.

Cause	Remedy
<p>2. Magazine is not empty (Malfunction)</p>	<p>Cycle the bolt and clear possible defective or incorrectly positioned round. If a round or case ejects, inspect chamber. If empty, reload and continue firing. If nothing ejects, fully draw back bolt and check if cartridge or case is chambered. If empty, reload and continue firing. If base of cartridge is visible, close bolt and fire in a safe direction. If rifle fires and ejects, reload and continue. If rifle does not fire, set the safety slide to "S" (safe) and follow Failure to Extract on page 48.</p>

Cause	Remedy
<p data-bbox="142 200 457 234">3. Bolt not fully closed</p> <p data-bbox="142 291 448 324">4. Defective Cartridge</p> <p data-bbox="142 522 523 636">5. Dirty firing mechanism, defective firing pin, or defective striker assembly.</p> <p data-bbox="142 650 557 683">6. Barrel not properly seated.</p>	<p data-bbox="718 200 1139 275">Follow procedure for incorrect bolt manipulation (page 47).</p> <p data-bbox="718 291 1176 482">Inspect primer. If fully indented, set it down and wait for 15 minutes, then discard safely. If not fully indented, check firing mechanism.</p> <p data-bbox="718 518 1168 631">Check for sluggishness of operation. Clean and replace as necessary.</p> <p data-bbox="718 650 1150 886">Ensure the location notch on the barrel extension aligns with the feed ramp inside the receiver and the barrel locking lug is in the locked position, (page 14).</p>

b) Failure to Feed from Magazine * Rifle jams with empty chamber

Cause	Remedy
1. Incorrect bolt manipulation	Clear jam if necessary and cycle the bolt.
2. Malfunctioning magazine	Replace with Desert Tech factory magazine.
3. Magazine improperly seated	Remove magazine and reinstall until magazine catch engages.
4. Magazine improperly loaded	Seat top cartridge properly. Check that the amount of cartridges in the magazine is compliant with magazine cartridge capacity.
5. Dirty magazine	Disassemble magazine and clean (pages 31-34).
6. Damaged magazine	Replace with Desert Tech factory magazine.
7. Double feeding of cartridge	Inspect for stuck case or cartridge and check extractor and ejector.

c) Failure to Chamber

* Bolt does not fully close and rifle will not fire

Cause	Remedy
<ol style="list-style-type: none"><li data-bbox="142 242 563 275">1. Incorrect bolt manipulation<li data-bbox="142 368 379 401">2. Dirty chamber<li data-bbox="142 422 492 455">3. Defective ammunition<li data-bbox="142 474 475 507">4. Excessively dirty rifle	<p data-bbox="727 242 1148 350">Remove magazine, cycle bolt, replace magazine, and cycle bolt to chamber round.</p> <p data-bbox="727 368 952 401">Clean Chamber.</p> <p data-bbox="727 422 1162 455">Check for damaged cartridges.</p> <p data-bbox="727 474 1155 629">Check for sluggishness in bolt and firing mechanism. Clean and oil as necessary (pages 37-40 for general cleaning)</p>

d) Failure to Extract or Eject * The fired case may not eject, or the rifle may jam (spent case left in chamber)

Caution: The following procedure should be carried out only after following the WARNING on page 43.

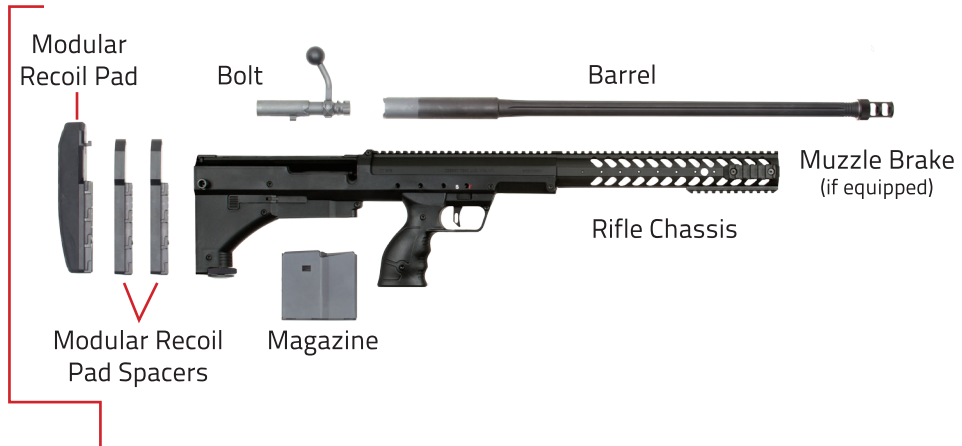
Cause	Remedy
<p>1. Overpowered or defective ammunition (stuck case)</p>	<p>Remove bolt. With barrel in place, insert cleaning rod through the front of the barrel. Push or tap gently to remove obstruction.</p> <p>Check chamber and bore. Clean before reassembly.</p> <p>If obstruction cannot be removed, remove the barrel from chassis and contact authorized service station.</p>

Cause	Remedy
1. Overpowered or defective ammunition (continued)	Check ammunition and change to a different brand of current commercially manufactured ammunition.
2. Dirty or damaged chamber	Inspect, clean, replace barrel, if necessary.
3. Fouled extractor	Clean extractor (page 39, 52).
4. Extractor defective or missing	Replace extractor.
5. Damaged ejector	Replace ejector.

PARTS EXPLODED VIEW

a) Rifle

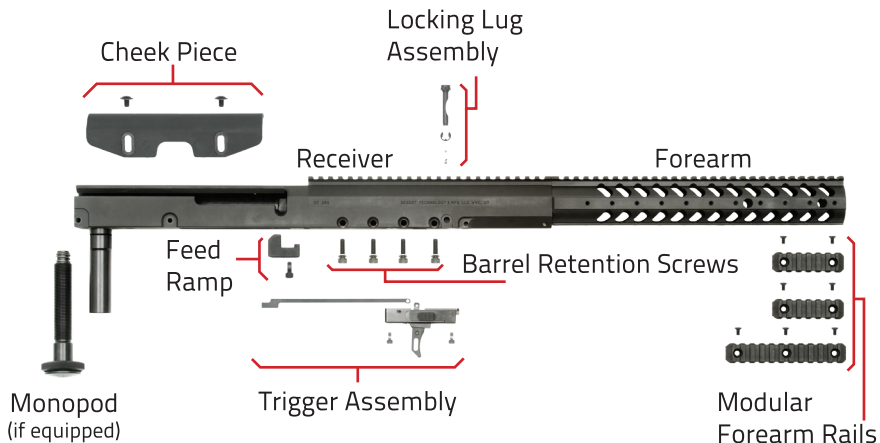
*Right-handed SRS-A1 shown



Modular Recoil Pad Assembly

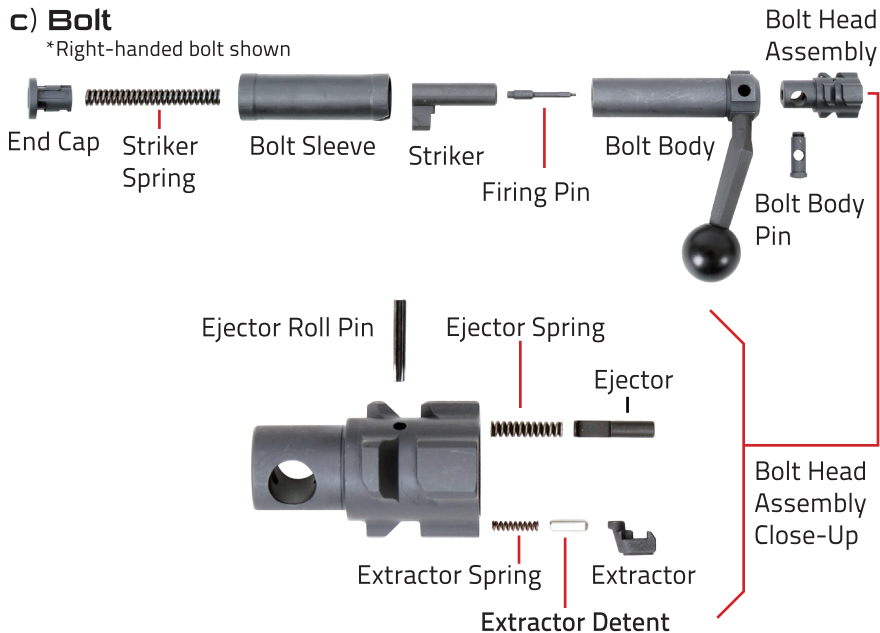
b) Chassis

*Right-handed SRS-A1 receiver shown



c) Bolt

*Right-handed bolt shown



d) Magazine

Follower



Small coil



Spring



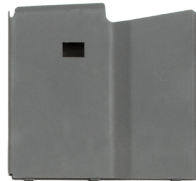
Large coil



Spring Guide



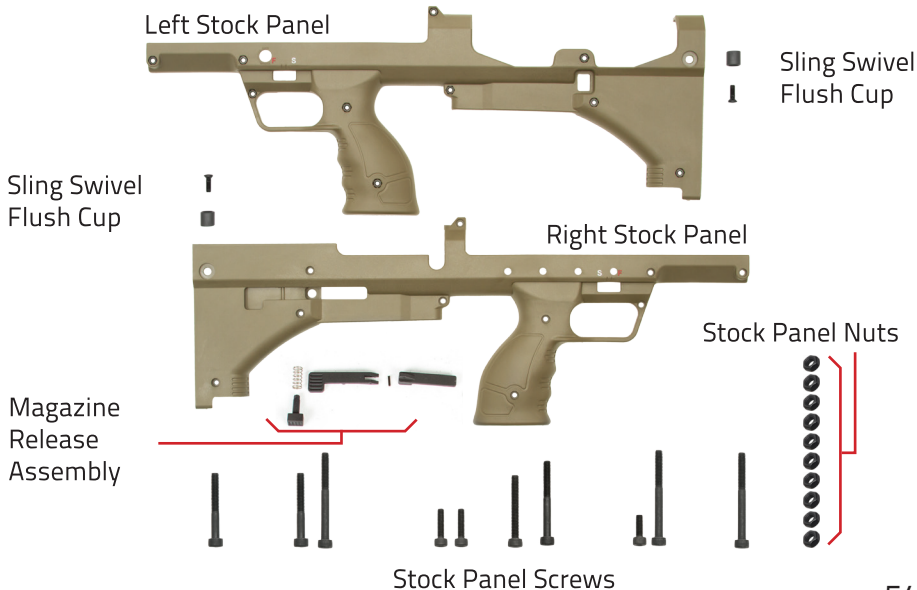
Floor Plate



Magazine Housing

e) Stock Panels

*Right-handed SRS-A1 stock panels shown



SRS A-1 ACCESSORIES

To enhance the experience with your DT Rifle, the following high quality accessories are recommended.

DT SRS-A1 Conversion Kit

The SRS-A1 is quickly converted between the following seven chamberings:

- .260 Remington
- 6.5 Creedmoor
- 6.5x47 Lapua
- .308 Winchester
- 7mm Winchester Short Magnum
- .300 Winchester Magnum
- .338 Lapua Magnum

DT SRS Muzzle Brakes

- .30 DT SRS QD Muzzle Brake
- .338 DT SRS QD Muzzle Brake





DTSS Sound Suppressor

The DTSS (Desert Tech Sound Suppressor) was designed to enhance accuracy, repeatability, and minimize impact shift between suppressed and unsuppressed fire while also significantly reducing noise.

DT SRS Soft Case

This Soft Case/Shooting Mat provides the operator customized storage for their SRS-A1 rifle, magazines, suppressor, and conversion kits in a portable field case that can be folded out into a comfortable shooting mat.



DT SRS Operators Maintenance Kit

A complete operator-maintenance solution in a portable package. It combines our operator's tool kit and cleaning kit in a nylon MOLLE gear bag. All tools and cleaning components you'll need in the field or on the bench.



DESERTTECH[®]
MUNITIONS

**A RIFLE IS ONLY AS
ACCURATE AS THE
AMMUNITION IT FIRES**



Desert Tech Munitions

exists because we weren't satisfied with the performance from existing ammunition manufacturers, due to inconsistency problems and wild variations when switching between lots. We realized that, by controlling all components in the firing cycle, the rifle and ammunition combination could be harmonized to create a package that performs at the highest end of the precision spectrum.



For any shooter who demands the absolute best performance and accuracy, Desert Tech Munitions provides factory ammunition that optimizes the Desert Tech rifle system to the fullest.

Available and upcoming cartridges from DTM:

- .223 Rem
- .338 Lapua Mag
- 6.5 Creedmoor
- .375 Chey Tac
- .308 Win
- .50 BMG
- .300 Win Mag





DESERTTECH[®]
TRAINING



ONE OF THE LARGEST PREMIER TRAINING FACILITY IN THE WEST

The Desert Tech Training Facility

is one of the largest premier training facility in the west, located on 25,000 acres in northeastern Utah. The Desert Tech Training Facility was created to provide a place for shooters and operators from around the world to obtain unparalleled firearms instruction.

The Desert Tech Training team of instructors offer extensive real-world military experience and a specialized Law Enforcement knowledge base to provide the most practical training opportunities. The curriculum has been designed to provide military, LE, contractors, and armed citizens real-life scenarios that induce stress, which will produce a better gunfighter, not just a better shooter.



Every course is focused on developing the skill sets required for peak performance under the stress of real-world situations.

The Desert Tech Training Facility provides first class accommodations to complement their extensive selection of ranges. The DT Training Facility provides opportunities to train in everything from breaching & demolition to high angle counter sniper. For any and every scenario, the DT Training Facility will have the location and an experienced instructor to provide the best training possible.

Available Courses

Pistol/Carbine
Concealed Carry
Long Range Precision Rifle
Designated Marksman
High Angle Marksmanship
Car Course

Corporate Team Building
Low Light Marksmanship
Tactical Breacher
Sniper Field Craft
Sniper Team Course



Ranges and Bays

TRAINING BAYS, PHASE 1 (see map)

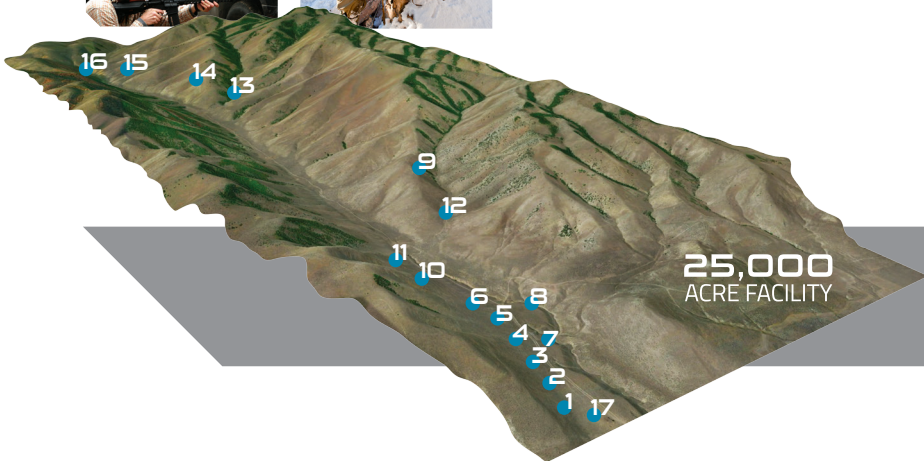
1. 100 yard zero
2. Square Bay: 50'x50' w/movers
3. Car Bay: 4 cars w/customizable positions
4. Obstacle Bay: 8 barricades & platforms
5. Steel Bay: Multiple target styles
6. Breaching & Demolition
7. Multipurpose Machine Gun range
8. Sniper Range: Known distance
9. Sniper Range: Unknown distance

PHASE 2

10. Indoor Range
11. Kill House
12. Convoy Live-Fire Course
13. 270-degree Car Course
14. Forward Operating Base (FOB)
15. MOU Town (Military Operations on Urban Terrain)
16. Rough Terrain Driving Course
17. Classroom

OPEN COUNTRY RANGES

- High Angle: 400 - 1500 yds
- Known Distance: 100 - 1800 yds
- Unknown Distance: 300 -1200 yds



DESERT TECH WARRANTY POLICY

- Desert Tech warrants to the initial retail purchaser that for three (3) years from the date of purchase, your Desert Tech SRS A-1, SRS A-1 Covert, HTI, MDR, and R7S, including the chassis, conversion kits, scope mounts, muzzle brakes and magazines will be free from manufacturing defects in workmanship and/or material.
- Desert Tech warrants to the initial retail purchaser that your Desert Tech Sound Suppressor will be free from defects in workmanship and/or material for a LIMITED LIFETIME.
- This warranty is null and void if the firearm has been misused, damaged (by accident or otherwise), fired with hand loaded, reloaded or improper ammunition, fired with an obstruction in the barrel, damaged through failure to provide reasonable and necessary maintenance as described in the manual accompanying the firearm, or if unauthorized repair or any alteration, including of a cosmetic nature, has been performed on the firearm. This limited warranty does not apply to normal wear and tear of any parts.
- Desert Tech is not responsible for any required BATFE taxes or fees.
- Warranty does not cover third-party products. Third-party product warranties must be pursued directly through the product manufacturer.
- Product registration must be completed online by the original owner within 30 days of the purchase date in order to make a claim under this warranty. In the event of an incomplete registration, the owner must provide proof of purchase in the form of a Dealer Invoice.
- Any NFA item (I.E. Suppressor, Short-Barreled Rifle or Machine Gun) to be returned must be accompanied by a copy of its corresponding Form 3, 4, 5, or 9. The Form must be packaged inside the box with the NFA item. If the proper form is not included, the product will be returned to sender.
- If a valid claim is made within the warranty period and is shipped to the Desert Tech service center, the product will be repaired or replaced (at our discretion) free of charge.

-Products sent back for testing that require range time but are found to be working as intended will have a \$50.00 + ammo fee applied. These charges must be taken care of prior to return shipping to the customer.

-To make a claim, you must first obtain a Return Merchandise Authorization number by either completing the online warranty form located at WWW.DESERTTECH.COM, calling (801) 975-7272 ext. 132, or by emailing WARRANTYSERVICE@DESERTTECH.COM. Claims must be made directly through Desert Tech, not your local dealer.

-The cost of shipping to Desert Tech is the responsibility of the customer. Desert Tech will cover the cost of ground shipping back to the customer if it is a valid warranty claim.

Customer is responsible for any expedited shipping charges.

-In no event shall Desert Tech be liable for any incidental or consequential damages arising from or in connection with this warranty.

-WARRANTY IS VALID IN THE UNITED STATES AND CANADA ONLY

-This warranty gives you specific legal rights, and you may have other rights which vary from state to state. For international customers, contact your local service center.

-Shipping information:

Attn: Warranty Dept. RMA#_____

1995 W Alexander St

West Valley City, UT 84119

LIMITATION OF LIABILITY

The liability of Desert Tech LLC. for any and all losses and /or damage to the purchase shall in no event exceed the purchase price of the Rifle. In no event shall Desert Tech LLC. be liable for incidental or consequential damage. User assumes all risks and liabilities arising from the use of this product.

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Stealth Recon Scout US PATENT D584373, 9194641

STEALTH RECON SCOUT
COVERT
SRS-A1 AND SRS-A1 COVERT
OWNERS MANUAL



DESERTTECH®
TOMORROWS WEAPONS