



**HAVE QUESTIONS OR
NEED ADDITIONAL SUPPORT?**

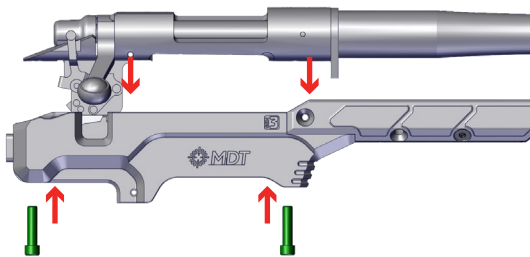
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SUPPLIED HARDWARE

- Action Screws & Washers
- Length of Pull Spacers (x4)

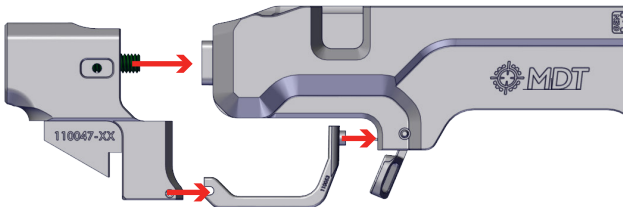
INSTALLATION

1. Ensure firearm is safe and unloaded then place the barreled action into the LSS GEN3, ensuring that the recoil lug is firmly seated against the back of the recoil pocket. While applying rearward pressure on the rifle, insert the supplied washers and action screws into the chassis, first torquing the front then the rear action screw.



See back of manual for inlet-specific torque specs and tools

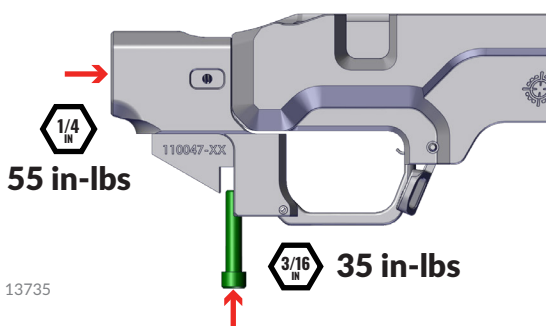
2. Insert the cross-pin on the Buttstock Interface into the rear slot on the Trigger Guard. Slide the Buttstock interface and the Trigger Guard onto the rear of the chassis. Ensure that the round boss on the Trigger Guard fits into the hole behind the mag latch.



INTERFACE INSTALLATION

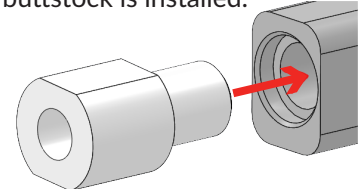
XTN, Carbine, Picatinny Interface

Hold the Buttstock Interface tightly to the chassis. Insert and tighten the 5/16-18 screw through the rear of the Buttstock Interface. Then, insert and tighten the 1/4-28 screw through the bottom of the Buttstock Interface.

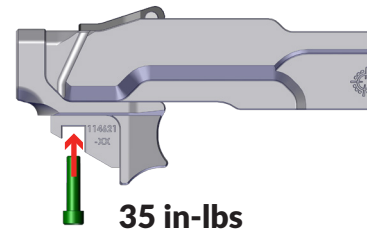


XTN Short Interface

1. Install the threaded insert by screwing it into the tapped hole at the rear of the chassis body. Use a 1/2" wrench to ensure it fits tightly against the chassis body. **DO NOT** overtorque. The threaded adapter will be torqued appropriately when the buttstock is installed.

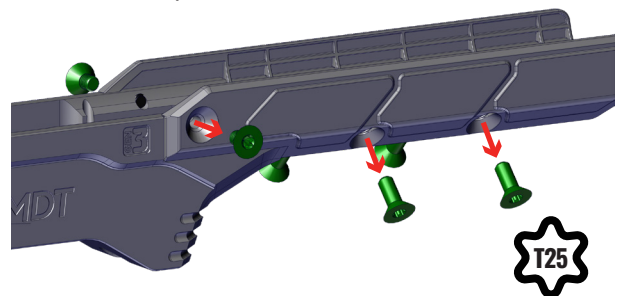


2. While holding the buttstock interface and trigger guard in position, insert the 1/4-28 screw into the bottom hole of the buttstock interface and thread into the chassis body.

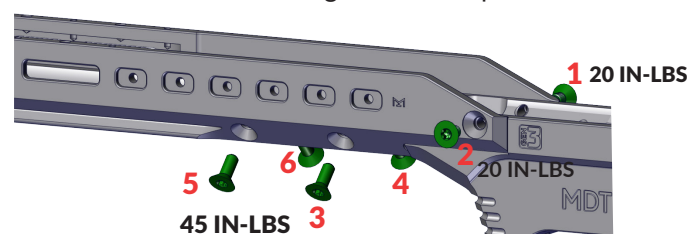


FOREND INSTALLATION

1. Loosen the screws securing the Forend Panels using a **T25 Torx Wrench**. Remove them and store away for future use.



2. Using the screws provided with the forend, align the screw holes on the chassis, and hand tightend the screws in the order shown in the diagram below. Torque the screws using a **T25 Torx Wrench** following the values specified.



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Rifle	Tool	Torque Specs	Inlet Specific Information
CZ457	4mm Hex Wrench	45 inch-pounds	Retains the use of the factory magazines
Howa Mini	5mm Hex Wrench	60-65 inch-pounds	Retains the use of the factory magazines
Howa 1500/Weatherby Vanguard SA/LA	5mm Hex Wrench	60-65 inch-pounds	The Short Action inlets need to use our polymer magazines
Remington 700 SA/LA	3/16" Hex Wrench	60-65 inch-pounds	
Ruger 10/22	5/32" Hex Wrench	25-35 inch-pounds	See Inlet Specific Instructions Retains the use of the factory magazines
Ruger American AR Mag	3/16" Hex Wrench	60-65 inch-pounds	Retains the use of AR15 magazines
Ruger American SA/LA	3/16" Hex Wrench	60-65 inch-pounds	See Inlet Specific Instructions
Ruger M77 SA	Front 3/16" Hex Wrench Rear 5/32" Hex Wrench	60-65 inch-pounds	
Savage Axis SA	3/16" Hex Wrench	60-65 inch-pounds	
Savage SA/LA CIP 3.850"	3/16" Hex Wrench	60-65 inch-pounds	Short Action inlets will need to attach supplied oval washer on front action screw, rotating forward or back depending on the action screw spacing you have
Tikka T1x	5mm Hex Wrench	40 inch-pounds	Retains the use of the factory magazines
Tikka T3/T3x SA & LA	5mm Hex Wrench	60-65 inch-pounds	Long Action Inlets will need our 3.560" length magazines

WANT TO LEARN MORE?
CHECK OUT OUR INSTALL VIDEO

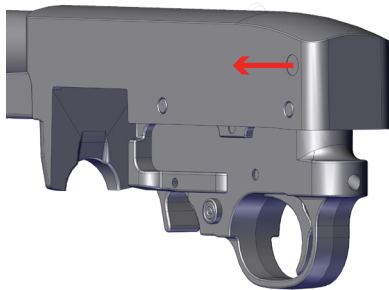


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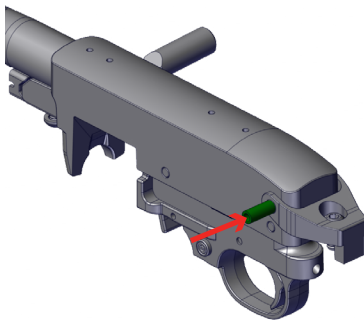
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RUGER 10/22 & CLONE ACTION INSTALLATION

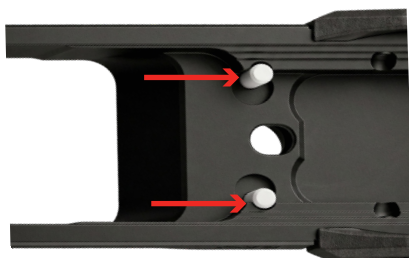
1. Ensure firearm is safe and unloaded.
2. Remove your barreled action from the factory stock.
3. Remove the rear buffer pin. You will need a pin punch and a mallet. Some receivers are a tight fit. Be careful not to loose any other pins, they sometimes drop free.



4. Place the supplied "Pin-Puller" over the receiver, and insert the supplied buffer pin through the Pin-Puller and receiver. The pin should pass through both ears of the Pin-Puller. You will likely need a pin punch and mallet to install the pin.

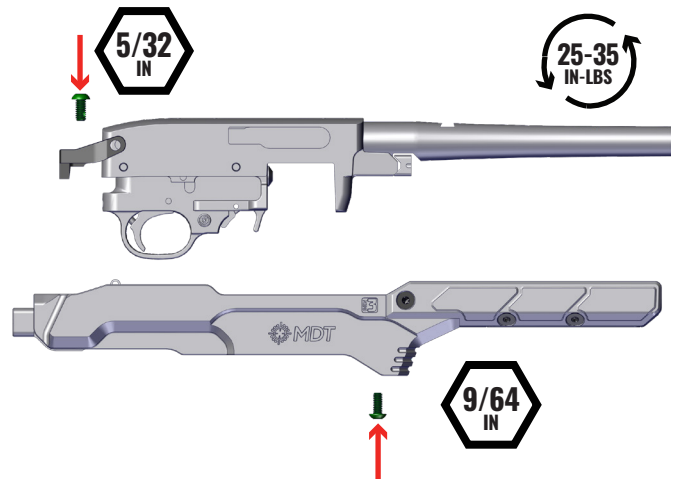


5. Before placing the action in the chassis check that the plastic dowel pins are in place. If they are missing or worn, insert new dowel pins provided.



6. Remove the plastic hex nut on the action screw in the chassis and place aside, it is no longer needed.

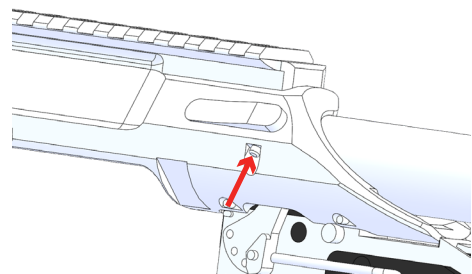
7. Set the safety to the **CENTER** position, then carefully slide the receiver backwards into the stock. You will need to point the barrel slightly upwards, in order to slide the lip under this feature of the stock.



8. Insert a the supplied front action screw with the supplied washer, but do not fully tighten. Carefully hold the chassis and action pointing barrel-up, to ensure good contact between chassis and the rear face of the receiver. Then, tighten the Pin-Puller screw using a **5/32" Hex Wrench** to **25-35 in-lb**. If you have a scope installed on the action, you may need to remove it.
9. Lastly, torque the front action screw to **25-35 in-lb** using a **9/64" Hex Wrench**.

RUGER AMERICAN BOLT STOP PIN INSTALL

You will need to replace the bolt stop pin in your action before installing your rifle in the chassis, using the supplied 20mm Pin (The longest out of the 3)



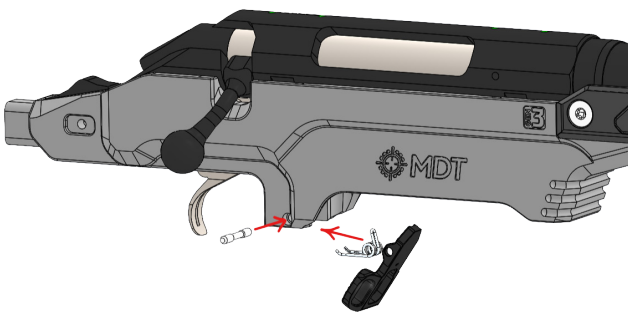
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MAG LATCH INSTALLATION

Ruger American SA/LA Inlets

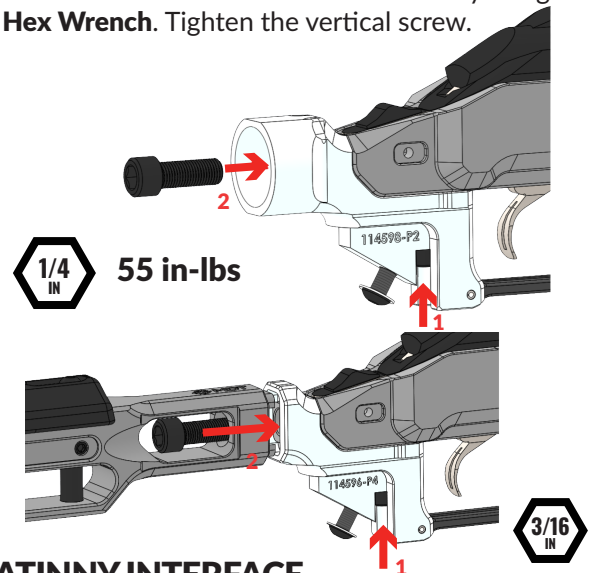
1. Rifle Installation will be the same as stated on the first page of the manual.
2. The magazine latch however will have to be installed once the rear action screw has been secured.
3. Position spring within the back side of the magazine latch, ensuring that the looped end of the spring is facing forward.
4. Insert the dowel pin into the side of the magazine latch & spring until it sits flush with the magazine latch.
5. Take the magazine latch & spring and position it in the bottom metal metal ensuring that the assembly pin lines up with the magazine latch pin hole.
6. Using a **1/8" pin punch**, start pushing out the dowel pin in exchange for the pin punch, making sure to not pull out the pin punch once the dowel pin has been removed.
7. Using a small hammer, start inserting the magazine latch pin into the magazine latch pin hole, chasing out the **1/8" pin punch** until it is completely pushed out.
8. Once the magazine latch pin has been installed, make sure that it is evenly seated side to side.



RUGER AMERICAN & 10/22 INTERFACE INSTALL

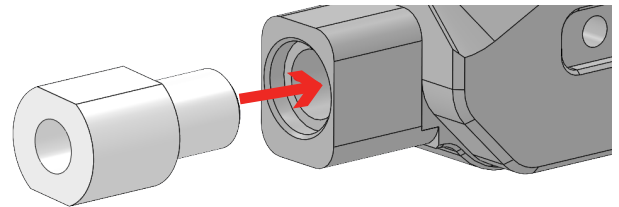
CARBINE & XTN INTERFACE

While holding the buttstock interface and trigger guard in position, insert the **1/4-28** screw in the hole at the bottom of the buttstock interface and thread into the chassis body using a **3/16" Hex Wrench**. **Do not fully tighten yet.** Insert the **3/8-24** screw into the rear hole of the buttstock and thread into the chassis body using a **1/4" Hex Wrench**. Tighten the vertical screw.



PICATINNY INTERFACE

Install the threaded insert by screwing it into the tapped hole at the rear of the chassis body. Use a **1/2" wrench** to ensure it fits tightly against the chassis body.



Insert the **5/16-18** screw into the rear hole of the buttstock interface and thread into the chassis body.

