DigiTrigger 1.1 & 1.2

Dealer Installation Instructions

U.S. Patents: 8807007; 9151559; 9551546 & additional pending
Replace customer/stock trigger group with DigiTrigger trigger group using existing trigger pins. This ensures operation to be gunsmithing and not manufacturing. DO NOT install DigiTrigger on a stripped lower.
Ensure hammer spring leg rests in trigger pin groove.
Ensure hammer spring legs are parallel and against receiver walls.

Ensure neither leg rests on top of spring coils.
Digital Fire Control Group

Install the digital fire control group after testing correct function of the mechanical fire control group. Ensure correct semi-automatic function of disconnector/hammer.
Ensure detent is installed.

Back out grip screw when checking compatibility. Take care not to snag any wires when performing this operation.
Ensure selector switch is in "digital" position when testing compatibility & on/off function.

While holding grip completely flush to lower, an audible "click" should be heard. This indicates the on/off function is working correctly. If there are no other issues, you can proceed with the install.

If you do not hear on/off click - repeat operation with a battery plugged in. IF on/off operation isn't functioning contact Digital Trigger Technologies for further assistance.

Possible area of interference - IF grip dovetail ribs interfere with lower, trim ribs with snippers/blade so that dovetail geometry does not contact rear of lower.
Start threading grip bolt with bolt in forward position, and with grip apart from lower – this ensures loctite doesn’t debond from bolt.
Once loctite portion of grip screw is entirely threaded into lower, slide grip assembly up and into place, ensuring detent ram is aligned with detent bore.

Torque to 40 in-lbs.
Insert sear ram & spring into grip screw bore.
Install solenoid & solenoid plunger.

Ensure wires are tucked towards PCB and not resting on solenoid retention geometry.

This is a possible pinch point for wires when left grip is installed.
Install trigger wire as shown.

Ensure trigger wire is centered in slot as shown.
While pulling trigger back, rotate trigger wire up and into place.
Install trigger guard set screw and screws in order shown. Trigger pull won't be smooth until all screws are in place. When rear screws are tightened, they open up trigger wire valley so it can function correctly.

Front set screw should be tightened until flush with lower.

Do not overtighten rear screws, as this can damage trigger guard.
Ensure grip safety, battery door, and battery twist latch are in place.

Install left grip as shown - start by aligning top of grip ensuring trigger wire is resting against trigger switch so it does not get pinched.
Tighten grip screws in order shown.

1. Rear grip screw: 4-40 x 7/16

AFTER REAR GRIP SCREW IS TIGHTENED - DO A FULL ELECTRONIC FUNCTION CHECK BEFORE CONTINUING.

2. Upper battery compartment screw: 4-40 x 3/8
3. Lower battery compartment screw: 4-40 x 3/8
Install backstrap into final position.

While applying pressure onto backstrap, install first coil pin from this side. Press pin into place with caution so as not to scratch backstrap.

While applying pressure to bottom of backstrap, install second coil pin.

INSTALLATION IS NOW COMPLETE. PERFORM FINAL MECHANICAL & ELECTRONIC FUNCTION CHECKS BEFORE RETURNING LOWER TO CUSTOMER.