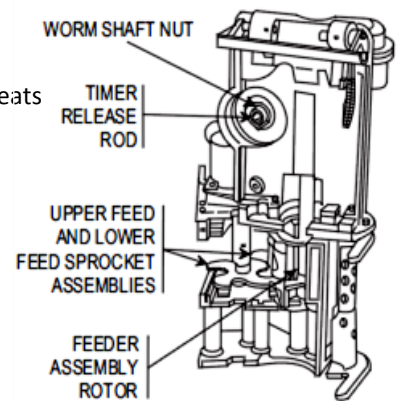
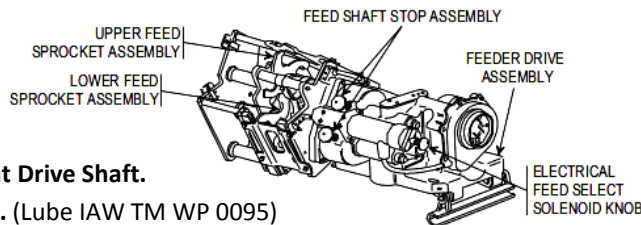


## A3 Bradley 25mm Prep For Fire

1. **REMOVE, DISASSEMBLE, CLEAN ,INSPECT 25MM GUN BARREL, BREECH, RECEIVER, TRACK/BOLT and FIRING PIN IAW WITH 10-2 TM.** (Refer to A3 TM WP's 0091-0104)
  2. **Assemble Bolt and Track.** (Lube IAW TM WP 0102 00-4)
- \*Note: Proper lubrication is essential. Heavy lubrication should resemble a layer of peanut butter. Light lubrication is a transparent film. Over lubrication of the bolt and track assembly will cause the GMD to melt and clog up the SEAR retractor which will prevent the SEAR catch from stopping the bolt in the SEAR position.*
3. **Install Bolt and Track** Lower track hook latch and straight drive shaft . Ride bolt forward into and out of breech. Ensure all excessive grease is cleaned from the face of the bolt. Ensure bolt is locked into SEAR and track hook latch is secured (If track hook latch requires extreme force to lock down have unit MG adjust clevis nut on track assembly). Raise the straight drive shaft after install and verify that the drive shaft handle does not turn over 1/2 inch; place on manual safe)
  4. **Place Gun EL Drive to manual.** (elevate gun rotor to 200 mils)
  5. **Install Receiver.** (Lube IAW TM WP 0098; Use acid brush to lubricate breech and fill grooves inside barrel support assembly with grease).
  6. **Install Barrel.** (Lube IAW TM WP 0092; Double check the muzzle brake for tightness).
  7. **Attach Gun Power Cable.** (Ensure cable connector is fully locked ; listen for clicking sound)
  8. **Verify feeder timing.** (Verify feeder timing by hand. Do not use hand-crank. Cycle both AP and HE)

- Feel for binding of feed sprocket assemblies and rotor.
- Verify rotor turns 1/3 of a turn.
- Verify each feed shaft stop (mushrooms) rises, falls and fully seats
- Ensure BPI rotates thru all cycles and stops in SEAR.
- Ensure Timer Release Rod inside of worm shaft nut pops-out.



9. **Lower Straight Drive Shaft.**
10. **Install Feeder.** (Lube IAW TM WP 0095)

Tip- If you feel stiff resistance, do not force handle down; remove feeder and inspect 14 pin connector for damage. Bent pins can be straightened out with a hollow ball-point pen. Push straight drive shaft up using the tips of your fingers. Ensure straight drive shaft remains locked upward (attempt to pull down straight drive shaft by grabbing the out ring . If shaft falls down, rotate and re-lock). Do not attach any chutes at this time!

11. **Cycle Gun Manually, then Electrically.** DO NOT USE manual SEAR retractor on the front left corner. Use the SEAR retractor on the SEAR solenoid ON THE BACKSIDE OF THE RECEIVER.

Tip- Cycle gun 2 times in both AP and HE. Remember to complete each cycle by ending in SEAR. Verify BPI is in SEAR and the SEAR light is lit before attaching chutes.

12. **Attach Eject Chutes.**
13. **Attach Feed Chutes.**

Tip- Feed chutes are easier to put on if the gun is at zero mils. Pull gun bag away from the feed chutes.

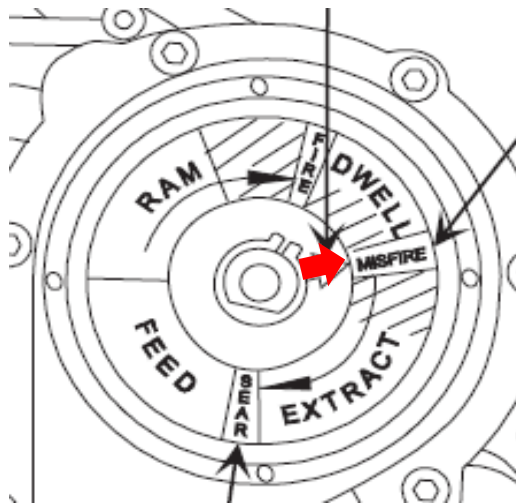
14. **Load Ammunition into Feeder.** (Slowly crank rounds up feed chute. Observe rounds entering feeder. Feed shaft stop will protrude once the rounds reach the feed sprockets. Crank rounds into feeder)

Tip- The best way to link belts of ammunition together is to insert the tip of the single claw into the double claw without removing the round from the links. Force (squeeze) the claws together using two hands. Doing this ensures there's no misaligned rounds in the belt.

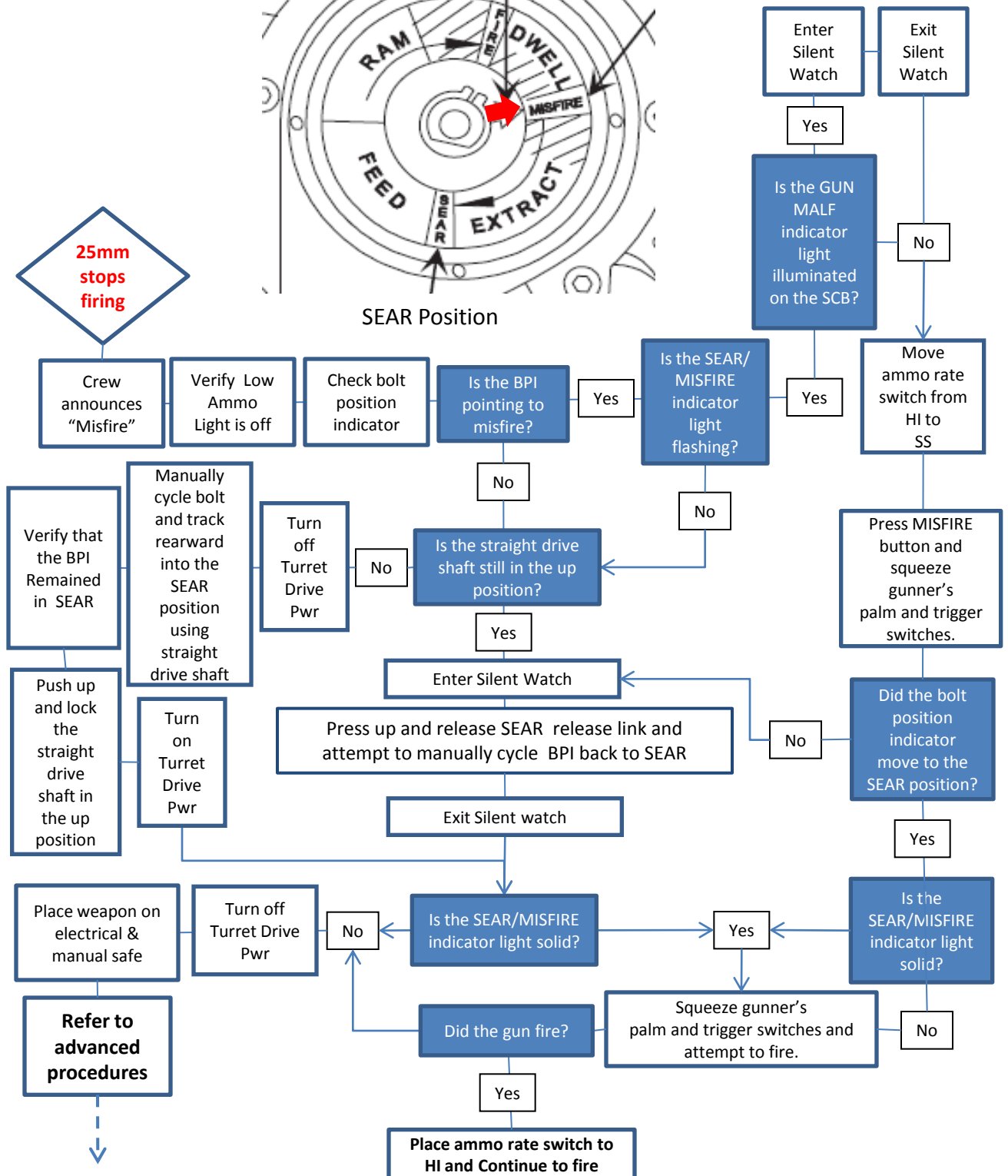
15. **Release Tension on both belts of ammunition.**
16. **Place Gun EL Drive to power.**

# Basic 25mm Misfires Procedures

Bolt Position Indicator (BPI)



Misfire Position



# Advanced 25mm Misfires Procedures

## Advanced procedures

