

Clear, disassemble, assemble, and perform a functions check on an M249 machine gun.

- Tasks: Clear, disassemble, assemble, and perform a functions check on an M249 machine gun.
- Conditions: You are a member of a team that has just returned from a mission and you have been directed to conduct maintenance on your M249 machine gun.
- Standards: Correctly clear and completely disassemble, assemble and perform a functions check on the M249 machine gun. All tasks will be performed in sequence.

Performance Steps: Clear the weapon

- (a) Point weapon in a safe direction. Ensure safety in on FIRE before moving bolt/operating rod assembly.
 - (b) Pull and hold cocking handle with right hand palm up to rear, ensuring bolt locks completely to rear.
 - (c) While holding the cocking handle to the rear with right hand palm up (with no tension on the bolt), place the safety to SAFE.
 - (d) Push the cocking handle assembly to the fully forward and locked position.
 - (e) Push in feed cover latches, look in a safe direction, raise feed cover, and conduct a five-point safety check for brass/links/ammunition. Check feed pawl assembly under cover and feed tray. Lift feed tray and inspect chamber. Check between face of bolt and chamber as well as under bolt/operating rod assembly. Check magazine well. Lower the feed tray and close the feed cover, making sure it locks shut.
 - (f) Pull and hold cocking handle with right hand palm up to rear.
 - (g) While holding the cocking handle to the rear with right hand palm up with no tension on the bolt, place the safety to FIRE.
 - (h) While fully depressing the trigger, ease the bolt forward with right hand palm up to close and lock. Release the trigger.
 - (i) Attempt to place the safety to SAFE; safety must not be able to be moved to SAFE.
- (2) Disassemble weapon into the following groups:
- (a) Barrel Assembly
 - (b) Heatshield

- (c) Receiver with Feed Tray and Feed Tray Cover Assembly
 - (d) Buttstock and Buffer Assembly
 - (e) Bolt/Operating Rod Assembly
 - (f) Bolt Carrier Assembly
 - (g) Trigger Mechanism Assembly
 - (h) Bipod Assembly
 - (i) Gas Cylinder Assembly
- (3) Assemble the weapon.
- (4) Perform a functions check: (note, ensure the safety is on FIRE before moving the bolt/operating rod assembly).
- (a) Pull and hold cocking handle with right hand palm up to rear, ensuring bolt locks completely to rear.
 - (b) While holding to rear with right hand palm up, with no tension on bolt, place on SAFE and depress trigger. Weapon should not fire.
 - (c) While holding the cocking handle to the rear with right hand palm up, with no tension on the bolt, place the safety to FIRE, and depress the trigger. Ease the bolt forward to close and lock. Release the trigger.
 - (d) Attempt to place on SAFE; safety must not be able to be moved to SAFE. Close ejection port cover. Time will stop when the Sapper returns to the standing position with the weapon on the flat surface.

Table B-4. W2 Part I: Maintain M249 squad automatic weapon

PERFORMANCE MEASURES	GO	NO-GO
1. Clear the weapon.		
2. Disassemble the weapon		
3. Assemble the weapon		
4. Perform functions check		