



Bradley M2 Mechanic

The track mechanic is a skilled professional responsible for maintaining, repairing, and ensuring the optimal functioning of the tank. Under the APS Program the track mechanic provides Care of Stock in Storage (COSIS) based on preventative maintenance services under the guidance of the Track Section Supervisor. At the RDC-U similar functions are performed to and facility. include battle damage repair. The RDC-U maintenance procedures are performed on M1, M2/M3, M88, M113, Challengers, Leopard, and/or other track vehicles that are maintained or processed at the facility. General maintenance includes but is not limited to; Preventative Maintenance Checks and Services (PMCS), general inspections, component repairs and replacement, unscheduled maintenance, and repairs of inbound/outbound vehicles. Detailed processes and procedures involve the following: diagnosing or troubleshooting source of component and system malfunctions; determination of required repairs and parts; completion of lubrication orders: -10 and -20 level PMCS required maintenance; removal, replacement and repairing sub-assemblies and components such as engines, transmissions, turret, armament systems, and replacing non repairable parts; repair and replace Fire Suppression System modules, sensors, wiring, and extinguisher bottles; performs maintenance related procedures and processes such as road tests, ground guide operations, adjust and makes emergency repairs to equipment to include placing and maintaining decals on vehicles, checks and replaces batteries, replaces track, washes, and cleans interior and exterior of equipment, checks, and maintains fluid levels and fuel; maintains and accounts for provided and personal tools, equipment, and work areas. Performs other duties as assigned.

Key Responsibilities:

- Regularly inspect track vehicles to identify wear, damage, or potential malfunction.
- Perform routine maintenance tasks to ensure track vehicles are in proper working condition.
- Lubricate moving parts, clean components, and replace worn-out or damaged parts as needed.
- Diagnose mechanical, electrical, and hydraulic issues in turrets.
- Conduct thorough troubleshooting to identify the root cause of malfunctions.
- Repair or replace faulty components such as motors, gears, sensors, wiring, and hydraulic systems.
- Ensure proper alignment of track systems to maintain accuracy and precision.
- Calibrate aiming systems to ensure accurate targeting and firing of weapons.
- Use specialized tools and equipment to adjust sensors, optics, and targeting mechanisms.
- Keep detailed records of maintenance activities, repairs performed, and parts replaced.
- Provide records to operators in order to maintain a database of turret maintenance schedules and historical data.
- Test track vehicles after repairs or maintenance to ensure proper functionality.
- Adhere to safety protocols and guidelines while working on track vehicles.
- Ensure compliance with regulations and standards related to track vehicle maintenance and operation.
- Collaborate with other mechanics, engineers, and technical staff to solve complex issues.
- Communicate effectively with supervisors and team members regarding maintenance status and potential concerns.

Applicable Skills, Knowledge, and Experience:

- High Scholl diploma or equivalent; technical or vocational training in mechanical or related field is preferred.
- Strong mechanical aptitude and problem-solving skills.
- Must have a minimum of 6 years of relevant experience.
- Possess a good working knowledge of track equipment maintenance programs, electrical systems, hydraulic systems, and electronic controls.
- Ability to read and interpret technical manuals, diagrams, schematics, policies, nomenclature, work methods, and other established guidelines.
- Must be able to speak, read, and write English fluently.
- Understand the needs of the organization serviced.
- Must have a NACI.