1. Painted vehicles to match landscape and used stencils to designate unit and specialty vehicles.
2. Ordered parts and supplies from suppliers when bench stock levels dropped below threshold or when broken parts required replacement.
3. Repaired broken or damaged wheels, brakes, suspension and other undercarriage issues in high-stress environments and with minimal tools.
4. Prepared vehicles for rigorous treatment by monitoring fluid levels and performing preventive maintenance.
5. Diagnosed engine, suspension, brake, transmission and other vehicle issues using extensive training and diagnostic equipment.
6. Repaired and reinforced vehicle frames damaged in battle or experiencing corrosion.
7. Reinforced armored vehicles and repaired battle-damaged armor, enhancing safety of occupants.
8. Worked on starting systems and electrical systems such as wiring harnesses, lights, batteries and communication systems.
9. Performed maintenance on vehicle fuel systems for both diesel and unleaded fueled vehicles.
10. Directed vehicle recovery teams tasked with retrieving damaged or stuck vehicles in field conditions.
11. Reconciled vehicle information with documentation, including driver records and maintenance receipts, to complete accurate paperwork.
12. Inspected vehicles or other equipment for evidence of abuse, damage or mechanical malfunction.
13. Maintained vehicle trailers repairing any battle damage and replacing worn parts including tires, brakes, suspension components and wiring.
14. Address reported equipment failures or violations regarding vehicle operations, investigated accidents and drafted detailed reports.
15. Analyzed effects and legality of vehicle modifications, including fuel system changes and emissions adjustments.
16. Performed vehicle inspections to check adherence to rules, standards or regulations, and issued violations for offenders.
17. Issued notices and recommended corrective actions upon discovery of infractions or problems.
18. Reviewed vehicle repairs to check work for quality and assess whether services performed were within acceptable quality and safety guidelines.
19. Performed low-pressure fuel evaluative tests (LPFET) to test for harmful emissions from vehicles without onboard diagnostics (OBD) equipment.
20. Evaluated vehicles for damage, assessed functionality and determined roadworthiness.