

PREVENTIVE MAINTENANCE SERVICE AND TECHNICAL INSPECTION

WD No. _____

WORK SHEET
FOR
WHEELED AND HALF-TRACK VEHICLES
(See AR 850-15)

Mileage _____ Date _____

Organization _____

Vehicle nomenclature (Make) (Model) (Size) (Drive) (Body Type)

Special instructions: See TM 9-2810 for detailed instructions and procedures. See vehicle maintenance manual for technical information.

Legend for marking. ✓—Satisfactory X—Adjustment required XX—Repair or replacement required O—Defect corrected

SYMBOLS: □ —INSPECT AND CORRECT C—CLEAN T—TIGHTEN A—ADJUST L—SPECIAL LUBRICATION S—SERVE

<div>6000-MILE MAINTENANCE OR TECHNICAL INSPECTION</div> <div>1000-MILE MAINTENANCE</div> <div>ROAD TEST</div> <div>1 Before Operation Inspection</div> <div>2 Air Pressure (build-up) (governor cut-off) (low-pressure indicator)</div> <div>3 Dash Instruments and Gages; (oil pressure) (viscometer) (ammeter) (voltmeter) (speedometer and odometer) (tachometer) (temperature) (fuel) (air pressure)</div> <div>4 Horns, Mirrors, and Windshield Wipers</div> <div>5 Brakes; foot, hand and trailer (braking effect) (feel) (side pull) (noise) (chatter) (pedal travel) (hand control-air or electric)</div> <div>6 Clutch (free travel) (drag) (noise) (chatter) (grab) (slip)</div> <div>7 Transmission and Transfer; (lever action) (declutching) (vibration) (noise)</div> <div>8 Steering (free play) (bind) (wander) (shimmy) (side pull) (column and wheel)</div> <div>9 Engine (idle) (acceleration) (power) (noise) (governed speed)</div> <div>10 Unusual Noises (attachments) (cab) (body) (wheels or tracks)</div> <div>11 Brake Booster Operation</div> <div>12 Air-Brake System Leaks</div> <div>13 Temperatures (brake drums) (hubs) (axles) (transmission) (transfer)</div> <div>14 Leaks (engine oil) (water) (fuel)</div> <div>15 Track Tension (final road test)</div> <div>16 Gear Oil Level and Leaks (axles) (transmission) (transfer)</div> <div>RAISE VEHICLE-BLOCK SAFELY</div> <div>17 Unusual Noises (engine) (belts) (accessories) (transmission) (transfer) (shafts and joints) (axles) (wheel bearings)</div> <div>ENGINE AND ACCESSORIES</div> <div>18 Cylinder Head and Gasket</div> <div>19 Valve Mechanism (clearances) (lubrication) (cover gaskets)</div> <div>20 Spark Plugs (gaps) (deposits)</div> <div>21 Compression Test (record)</div> <div>22 Battery (cables) (hold-downs) (carrier) (record gravity and voltage)</div> <div>23 Crankcase (leaks) (oil level)</div> <div>24 Oil Filters, Coolers, and Lines</div> <div>25 Radiator (core) (shell) (shutters) (mountings) (hose) (cap and gasket) (antifreeze, record) (overflow tank) (steam relief tube and valve)</div> <div>26 Water Pump, Fan, and Shroud</div> <div>27 Generator, Starter, and Switch</div> <div>28 Air Compressor (unloader valve) (governor) (lines)</div> <div>29 Drive Belts and Pulleys</div> <div>30 Tachometer Drive and Adapter</div> <div>31 Distributor (cap) (rotor) (points) (shaft) (advance units)</div> <div>32 Coil and Wiring (high and low voltage) (supports)</div>	<div>6000-MILE MAINTENANCE OR TECHNICAL INSPECTION</div> <div>1000-MILE MAINTENANCE</div> <div>33 Manifolds and Heat Control (gaskets) (seasonal setting)</div> <div>34 Air Cleaners (carburetor) (Diesel) (air compressor)</div> <div>35 Breather Caps and Ventilators</div> <div>36 Carburetor (choke) (throttle) (linkage) (governor)</div> <div>37 Fuel Filters, Screen, and Lines</div> <div>38 Fuel Pump (vacuum and pressure)</div> <div>39 Starter (action) (noise) (speed)</div> <div>40 Leaks (engine oil) (fuel) (water)</div> <div>41 Ignition Timing (advance)</div> <div>42 Engine Idle and Vacuum Test</div> <div>43 Regulator Unit (connections) (voltage) (current) (cut-out)</div> <div>44 Power Tire Pump (drive) (lines)</div> <div>45 Diesel Fuel Injector Pump</div> <div>46 Diesel Fuel Nozzles and Lines</div> <div>CHASSIS, BODY, & ATTACHMENTS</div> <div>47 *Tires and Rims (valve stems and caps) (condition) (direction) (matching) (spare carriers)</div> <div>ON HALF-TRACKS DO 106 TO 115 NOW</div> <div>48 *Rear Brakes (drums) (supports) (cylinders) (cams and shafts) (magnets and armatures)</div> <div>49 *Rear Brake Shoes (linings) (links) (guides) (anchors)</div> <div>50 *Torque Rods (bushings) (brackets)</div> <div>51 *Rear Spring Seats and Bearings</div> <div>52 *Rear Wheels (bearings) (seals) (drive flanges) (nuts)</div> <div>53 *Front Brakes (drums) (supports) (cylinders) (cams and shafts) (hose) (air chambers) (push rods and seals) (adjusters)</div> <div>54 *Front Brake Shoes (linings) (links) (guides) (anchors)</div> <div>55 *Steering Knuckles (joints) (bearings) (seals) (boots)</div> <div>56 *Front Springs (clips) (leaves) (U-bolts) (hangers) (shackles)</div> <div>57 Steering (arms) (tie rods) (drag link) (seals and boots) (Pitman arm) (gear) (column) (wheel)</div> <div>58 Front Shock Absorbers and Links</div> <div>59 Knee Action Suspension</div> <div>60 *Front Wheels (bearings) (seals) (flange) (axle end play) (nuts)</div> <div>61 Front Axle (pinion end play) (seal) (vent) (alignment)</div> <div>62 Front Propeller Shaft (joints and alignment) (seals) (flanges)</div> <div>63 Engine (mountings and braces) (ground strap) (side pans)</div> <div>64 Hand brake (ratchet and pawl) (linkage) (drum or disk) (lining)</div> <div>65 Clutch Pedal (free travel) (linkage) (return spring)</div> <div>66 Brake Pedal (free travel) (linkage) (return spring)</div> <div>67 Brake Master Cylinder (vent) (fluid level) (leaks) (switch)</div> <div>68 Brake Vacuum Booster (linkage) (air cleaner and hose) (cylinder)</div>	<div>6000-MILE MAINTENANCE OR TECHNICAL INSPECTION</div> <div>1000-MILE MAINTENANCE</div> <div>69 Air-Brake Application Valve</div> <div>70 *Air-Brake Reservoirs</div> <div>71 Transmission (mounting) (seals) (power take-off) (linkage)</div> <div>72 Transfer (mountings) (linkage) (seals) (vent) (power take-off)</div> <div>73 Rear Propeller Shafts (see 62)</div> <div>74 Center Bearing (seals) (vent) (oil level) (mountings)</div> <div>75 Rear Axles (pinion end play) (seals) (vents) (alignment)</div> <div>76 *Rear Air Brake (chambers) (rods and seals) (slack adjusters)</div> <div>77 *Rear Springs (clips) (leaves) (U-bolts) (hangers) (shackles)</div> <div>78 Rear Shock Absorbers and Links</div> <div>79 *Cab and Body Mountings</div> <div>80 *Frame (rails and cross members)</div> <div>81 *Wiring, Conduits, and Grommets</div> <div>82 Fuel Tanks, Fittings, and Lines</div> <div>83 *Brake Lines (fittings) (hose)</div> <div>84 Exhaust Pipes and Muffler</div> <div>85 *Vehicle Lubrication</div> <div>LOWER VEHICLE TO GROUND</div> <div>86 Toe-In and Turning Stops</div> <div>87 Winch (clutch) (brake) (drive) (shear pin) (cable) (guides)</div> <div>88 Fifth Wheel (bed plate and bolts)</div> <div>89 Tractor-to-Trailer Brake Hose, Wiring and Connections</div> <div>90 Hoist (mounting) (drive) (controls) (pump) (lines) (cylinder)</div> <div>91 *Lamps (head, tail, body, running, directional, stop, and blackout)</div> <div>92 *Safety reflectors</div> <div>93 Front (bumpers) (roller) (tow hooks) (brush guards) (grills)</div> <div>94 Hood (hinges) (fasteners)</div> <div>95 Front Fenders and Running Boards</div> <div>96 Cab or Pass. Body (doors) (hardware) (glass) (top and frame) (curtains and fasteners) (seats) (upholstery and trim) (safety straps and grab rails) (floor boards and mats) (ventilators) (map compartment and tables)</div> <div>97 Heater, Fan, and Defroster</div> <div>98 Circuit Breaker and Fuse Block</div> <div>99 *Rear Fenders and Splash Guards</div> <div>100 *Body (panels) (rear doors) (tailgate and chains) (floor) (skidstrips) (stakes) (sockets) (bows) (tops) (tarpaulins) (end curtains) (troop seats) (stowage compartments)</div> <div>101 *Rear Bumper and Pintle Hook (latch and lock pin) (draw-bar)</div> <div>102 Armor Plate (body) (cowl) (doors) (windshield) (port covers)</div> <div>103 *Paint and markings</div> <div>104 Radio Bonding (suppressors) (filters) (condensers) (shielding)</div> <div>105 Armament (guns) (mounts) (rails) (spare parts) (covers)</div>
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*TRAILER ITEMS ALSO COMMON TO OTHER WHEELED VEHICLES

FOLD TO ← VEHICLE NOMENCLATURE LINE → AND FILE

