

WORK SHEET

FOR

WHEELED AND HALF-TRACK VEHICLES

(See AR 850-15)

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

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

*TRAILER ITEMS ALSO COMMON TO OTHER WHEELED VEHICLES

NOTE: Correct or report all deficiencies found during final road test.

6000-MILE MAINTENANCE OR TECHNICAL INSPECTION

127 Landing gear (shafts) (wheels) (supports) (lock pin) (gears) (crank) (supplies) (load control) (resistor) (trolley) (load control) (resistor) 129 Electric Brake (application con-
128 Front and Rear Axles
130 Parking Brakes (ratchet) (pawl)
131 Tools (vehicle) (pioneer)
132 Fire Extinguishers
133 Decontaminator
134 First-Aid Kit (if specified)
135 Publications and Form No. 26
136 Traction Devices (chains) (plates and connectors) (grousers)
137 Tow (chain) (cable) (rope) (block) Spare (shearpins) (fuses) (bulbs)
138 Fuel and Water Cans and Bracket
139 Fuel Can Nozzle and Bucket
140 Modifications (FSMWO's com-
141 pleted)
142 Final Road Test (repeat items 2 to 16)

1000-MILE MAINTENANCE OR TECHNICAL INSPECTION

116 Rudder and Bearings, Propeller
117 Propeller Shaft Housings (seals) (boots) (plugs)
118 Hull (plugs) (rub strakes) (decks) (hatches) (ventilators) (compart-
119 Bilge Pumps (drives) (valves) (controls) (lines) (strainers) (bearings) (stuffing box)
120 Water Propeller (shafts) (joints)
121 Hand Crank Ratchet and Cover
122 Rudder (shafts) (arms) (cables) (rod) (brackets) (stuffing-box)
123 Anchor, Hand Bilge Pump and Boat Hook
124 Tow Hitch (king pin) (5th wheel plates) (funette) (tongue)
125 Air and Electric Connections
126 Safety Devices (chains) (switch and battery)

RECORD: Compression pressure: Cylinder No. 1 _____ 2 _____ 3 _____ 4 _____ 5 _____ 6 _____ 7 _____ 8 _____ 9 _____ 10 _____ 11 _____ 12 _____

BATTERY: Specific Gravity—Cell No. 1 _____ 2 _____ 3 _____ 4 _____ 5 _____ 6 _____ Antifreeze protection to _____ of F.

VOLTAGE—Cell No. 1 _____ 2 _____ 3 _____ 4 _____ 5 _____ 6 _____

Man hours required for this 1,000 mile maintenance _____ or tech. inspection _____

Driver _____ (Grade or title)
Mechanic or inspector _____ (Grade or title)
Repairs by higher echelon entered on Job Order Request No. _____ Supervising officer _____ (Grade or title)
Repairs requested _____ (Date) _____ (Initials) _____ Vehicle forwarded _____ (Date) _____ (Initials) _____
Repairs requested _____ (Date) _____ (Initials) _____ Vehicle returned _____ (Date) _____ (Initials) _____

Disposition of work sheets: 1000 Mile—May be retained until completion of next 6000 mile, then destroy
6000 Mile—May be retained until completion of next 6000 mile, then destroy
Technical inspection—May be retained until completion of next 6000 mile, then destroy

EARLIER DESTRUCTION MAY BE ORDERED BY LOCAL COMMAND

REMARKS OR RECOMMENDATIONS:

6000-MILE MAINTENANCE OR TECHNICAL INSPECTION

106 Tracks (guides) (read wear)
107 Sprockets (hangers) (bearings) (seals)
108 Brake (drums) (supports) (cylinders) (shafts) (links)
109 Brakes Shoes (linings) (links) (guides) (anchors)
110 Idlers (hangers) (bearings)
111 Idler (posts) (shafts) (shafts) (adjusting rods) (brackets)
112 Frame Brackets and Cross Tube
113 Bogie (grab assemblies) (springs and blocks) (guides and slides) (arms and bolts)
114 Bogie Rollers: Upper and Lower (tires) (bearings) (seals) (bolts)
115 Track Tension (on ground)

ITEMS SPECIAL TO HALF-TRACKS

ITEMS SPECIAL TO AMPHIBIANS

NOTE: The following items 116 to 123 are the required minimum maintenance requirements for amphibian vehicles in land operations. For maintenance requirements for water operations, consult the vehicle maintenance manual.