

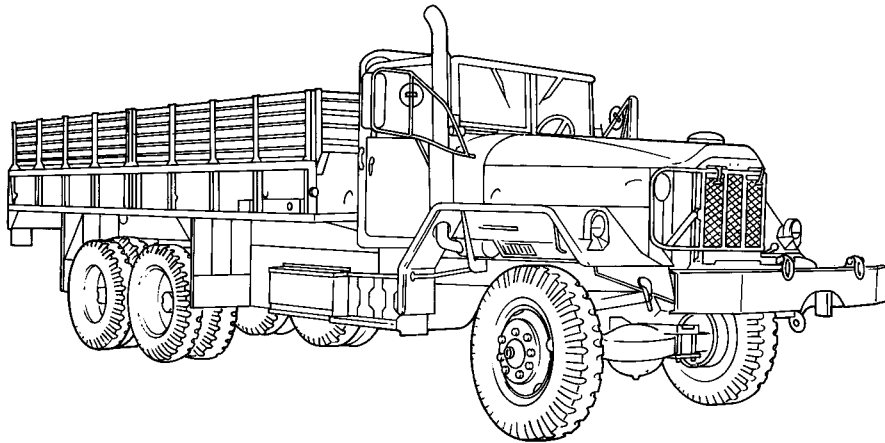
**ARMY TM 9-2320-260-24P- 1**  
**AIR FORCE TO 36A12-1C-382- 1**

( SUPERCEDES TM 9-2320-260-20P, dated MAY 1992 and TM 9-2320-260-34P- 1 dated, JULY 1994 )

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**TECHNICAL MANUAL**

**UNIT, DIRECT SUPPORT, AND GENERAL SUPPORT MAINTENANCE  
REPAIR PARTS AND SPECIAL TOOLS LIST  
FOR  
TRUCK, 5-TON, 6X6, M809 SERIES (DIESEL)**



TRUCK, CHASSIS: 5-TON, 6X6,  
M810 (2320-00-051-0586); M810 (2320-00-051-0585);

TRUCK, CHASSIS, ROCKET LAUNCHER: 5-TON, 6X6,  
M812A1 (2320-00-050-9040);

TRUCK, CARGO: 5-TON, 6X6,  
M813 (2320-00-050-8902) (EIC: BSB); M813 (2320-00-050-8890) (EIC: BSA); M813A1 (2320-00-050-8913) (EIC: BSD);  
M813A1 (2320-00-050-8905) (EIC: BSC); M814 (2320-00-050-8988) (EIC: BSK); M814 (2320-00-050-8987) (EIC: BSJ);

TRUCK, BOLSTER LOGGING: 5-TON, 6X6,  
M815 (2320-00-050-8927) (EIC: BSE);

TRUCK, WRECKER, MEDIUM: 5-TON, 6X6,  
M816 (2320-00-051-0489) (EIC: BSQ);

TRUCK, DUMP: 5-TON, 6X6,  
M817 (2320-00-050-8970) (EIC: BSF); M817 (2320-00-051-0589) (EIC: BSR);

TRUCK, TRACTOR: 5-TON, 6X6,  
M818 (2320-00-050-8984) (EIC: BSH); M818 (2320-00-050-8978) (EIC: BSG);

TRUCK, VAN, EXPANSIBLE: 5-TON, 6X6,  
M820 (2320-00-050-9006) (EIC: BSM); M820A1 (2320-00-050-9007); M820A2 (2320-00-050-9010) (EIC: BSN);

TRUCK, STAKE, BRIDGE TRANSPORTING: 5-TON, 6X6,  
M821 (2320-00-050-9015) (EIC: BSP).

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**DEPARTMENTS OF THE ARMY AND THE AIR FORCE**

**SEP 2003**



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TECHNICAL MANUAL  
NO. 9-2320-260-24P-1

DEPARTMENTS OF THE ARMY,  
AND THE AIR FORCE  
WASHINGTON, D.C. 30 September 2003

TECHNICAL ORDER  
NO. 36A12-1C-382-1

# UNIT, DIRECT SUPPORT, AND GENERAL SUPPORT MAINTENANCE REPAIR PARTS AND SPECIAL TOOLS LIST

## FOR

TRUCK, CHASSIS: 5-TON, 6X6,  
M810 (2320-00-051-0586); M810 (2320-00-051-0585);

TRUCK, CHASSIS, ROCKET LAUNCHER: 5-TON, 6X6,  
M812A1 (2320-00-050-9040);

TRUCK, CARGO: 5-TON, 6X6,  
M813 (2320-00-050-8902) (EIC: BSB); M813 (2320-00-050-8890) (EIC: BSA); M813A1 (2320-00-050-8913) (EIC: BSD);  
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TRUCK, BOLSTER LOGGING: 5-TON, 6X6,  
M815 (2320-00-050-8927) (EIC: BSE);

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M816 (2320-00-051-0489) (EIC: BSQ);

TRUCK, DUMP: 5-TON, 6X6,  
M817 (2320-00-050-8970) (EIC: BSF); M817 (2320-00-051-0589) (EIC: BSR);

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TRUCK, VAN, EXPANSIBLE: 5-TON, 6X6,  
M820 (2320-00-050-9006) (EIC: BSM); M820A1 (2320-00-050-9007); M820A2 (2320-00-050-9010) (EIC: BSN);

TRUCK, STAKE, BRIDGE TRANSPORTING: 5-TON, 6X6,  
M821 (2320-00-050-9015) (EIC: BSP).

Current as of 22 March 2002

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\* This manual supersedes TM 9-2320-260-20P, dated May 1992 and TM 9-2320-260-34P-1, dated July 1994

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1806 Operator's Seat Assembly .....	0267	00
1806 Companion Seat Assembly .....	0268	00
1808 Map Compartment, Door Assembly, and Mounting Hardware .	0269	00
1808 Tool Box Assembly and Mounting Hardware .....	0270	00
1808 Tool Box Assembly and Mounting Hardware .....	0271	00
1808 Tool Box Assembly and Mounting Hardware .....	0272	00
1808 Pioneer Tool Bracket and Mounting Hardware .....	0273	00
1808 Tool Frame Assembly, Pioneer Tools .....	0274	00
1808 Van Cable Reel, Cable, and Mounting Hardware .....	0275	00
1808 Van Cable Reel, Cable, and Mounting Hardware .....	0276	00
1810 Cargo and Dropside Cargo Bodies, and Mounting Hardware . . .	0277	00
1810 Cargo Body, Long Wheelbase, and Mounting Hardware .....	0278	00
1810 Cargo Body Assembly, Basic, Side Racks, Tailgate Assembly, and Related Parts .....	0279	00
1810 Cargo Body Side Rack, Gate Assembly, and Troop Seats .....	0280	00
1810 Cargo Body Assembly, Side Gates, Tailgate, and Related Parts, Basic and Dropside .....	0281	00
1810 Cargo Body Side Personnel Seat Assembly, Rack, and Gate Assemblies, Dropside .....	0282	00
1810 Cargo Body, Tailgate and Side Rack Assemblies, Long Wheelbase .....	0283	00
1810 Cargo Body, Rack Assemblies and Troop Seats, Long Wheelbase .....	0284	00
1810 Cargo Body Splash Guard Assembly and Related Parts .....	0285	00
1810 Dump Body, Hoist Assembly, Cab Shield, and Mounting Hardware .....	0286	00
1810 Dump Body, Basic, Tailgate, and Related Parts .....	0287	00
1810 Dump Tailgate Controls, Safety Catch, and Related Parts . . . .	0288	00
1810 Dump Splash Guard Assembly and Related Parts .....	0289	00

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Group 18

BODY, CAB, AND HOOD		
1812 Van Body Assembly and Mounting Hardware .....	0290	00
1812 Van Body Assembly and Mounting Hardware .....	0291	00
1812 Van Splash Guard Assemblies .....	0292	00
1812 Van Side Lock Handle, Lifting Brackets, Rod Retainer, and Related Parts .....	0293	00
1812 Van Rear Wall Panels and Mounting Hardware .....	0294	00
1812 Van Rear Wall Panels and Mounting Hardware .....	0295	00
1812 Van Hinged End Panel Assemblies and Related Parts .....	0296	00
1812 Van Door Assembly, Left Rear .....	0297	00
1812 Van Door Assembly, Left Rear .....	0298	00
1812 Van Door Assembly, Right Rear .....	0299	00

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	WP	Sequence No.
1812 Van Door Assembly, Right Rear .....	0300	00
1812 Van Sash Assembly, Rear Doors .....	0301	00
1812 Van Underframe Assembly .....	0302	00
1812 Van Underframe Assembly .....	0303	00
1812 Van Retractable Beams, Ratchet Shaft, and Rollers .....	0304	00
1812 Van Hinged Floor Assembly .....	0305	00
1812 Van Hinged Floor Assembly .....	0306	00
1812 Van Counterbalance and Mounting Hardware .....	0307	00
1812 Van Wall Assemblies, Right and Left Side, and Weatherseal .....	0308	00
1812 Van Wall Assemblies, Right and Left Side, and Weatherseal .....	0309	00
1812 Van Interior Side Panels, Right and Left Side .....	0310	00
1812 Van Interior Side Panels, Right and Left Side .....	0311	00
1812 Van Side Panel Door Checks, Interior Latch Assemblies, and Related Parts, Right and Left Side .....	0312	00
1812 Van Side Panel Door Checks, Interior Latch Assemblies, and Related Parts, Right and Left Side .....	0313	00
1812 Van Retractable Window Sash Assembly and Related Parts, Right and Left Side .....	0314	00
1812 Van Door Assemblies, Right and Left Side .....	0315	00
1812 Van Door Assemblies, Right and Left Side .....	0316	00
1812 Van Ceiling, Frame, and Related Parts, Interior and Exterior .....	0317	00
1812 Van Air Conditioning Duct and Related Parts .....	0318	00
1812 Van Air Conditioning Duct and Related Parts .....	0319	00
1812 Van Hinged Roof Assembly, Latch, and Related Parts, Right and Left Side .....	0320	00
1812 Van Hinged Roof Assembly, Holder Assemblies, Panels, and Related Parts .....	0321	00
1812 Van Front Wall and Fire Extinguisher Bracket .....	0322	00
1812 Van Heater Fuel Pump, Cover, Lines, and Fittings .....	0323	00
1812 Van Bonnet Frame and Related Parts .....	0324	00
1812 Van Heater, Exhaust, and Vent Door Controls .....	0325	00
1812 Van Air Conditioner, Drain Tube, and Mounting Hardware ...	0326	00
1812 Van Access Door Assembly .....	0327	00
1812 Van Bonnet Door Assembly, Right and Left Side .....	0328	00
1812 Main Wiring Harness Mounting Hardware .....	0329	00
1812 Van Main Wiring Harness, Right and Left Side .....	0330	00
1812 Van Air Conditioner and Heater Wiring Harnesses .....	0331	00
1812 Van Heater Fuel Pump and Circuit Breaker Wiring Harness ..	0332	00
1812 Van Blackout By-Pass and 10 kw Electric Heater Wiring Harness .....	0333	00
1812 Van Blackout and Clearance Light Wiring Harness .....	0334	00
1812 Van Blackout Wiring Harnesses, Right and Left Side .....	0335	00
1812 Van Emergency Lamp Wiring Harnesses, Right and Left Side .....	0336	00
1812 Van Auxiliary Hydraulic Pump and 400 Hz Converter Wiring Harnesses .....	0337	00
1812 Van Auxiliary Hydraulic Pump and 400 Hz Converter Wiring Harnesses .....	0338	00
1812 Van 400 Hz Converter Wiring Harnesses .....	0339	00
1812 Van Telephone Jack and 3-Phase Receptacle Harnesses .....	0340	00

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	WP	Sequence No.
1812 Van Electrical Load Center and Mounting Hardware . . . . .	0341	00
1812 Van Electrical Junction Box and Related Parts . . . . .	0342	00
1812 Van 400 Hz Converter Junction Box, Auxiliary Hydraulic Pump, Electrical Converter Box, and Related Parts . . . . .	0343	00
1812 Van Circuit Breaker Control Box and Related Parts . . . . .	0344	00
1812 Van 400 Hz Converter, Circuit Breaker, and Mounting Hardware . . . . .	0345	00
1812 Van Heater Thermostatic Switch and Fluorescent Starter . . . . .	0346	00
1812 Van Telephone Jack and Related Parts, Interior and Exterior . . . . .	0347	00
1812 Van Hinged Roof Plunger and Blackout Light Switch . . . . .	0348	00
1812 Van 3-Phase and 400 Hz Receptacles . . . . .	0349	00
1812 Van Ceiling Switch, Front Wall Switch, Receptacle Assembly, and Related Parts . . . . .	0350	00
1812 Van Blackout and Emergency Switches, and Related Parts . . . . .	0351	00
1812 Van Blackout and Emergency Lamps, Interior . . . . .	0352	00
1812 Van Ceiling Lamp Fixtures and Bulb . . . . .	0353	00
1812 Wrecker Crane Body Assembly and Mounting Hardware . . . . .	0354	00
1812 Wrecker Body Assembly . . . . .	0355	00
1812 Wrecker Outrigger Jack Assembly and Related Parts . . . . .	0356	00
1812 Wrecker Fuel Can Bracket, Fire Extinguisher Bracket, and Vise Mounting . . . . .	0357	00
1812 Wrecker Splash Guards . . . . .	0358	00
1812 Bolster Logger Cab Protector Assembly, Bolster Assembly, and Mounting Hardware . . . . .	0359	00
1812 Bolster Logger Fifth Wheel Assembly and Mounting Hardware . . . . .	0360	00
1812 Bolster Logger Trailer Carrier Assembly and Ramps . . . . .	0361	00
<b>Group 20</b> <b>HOIST, WINCH, CRANE, AND POWER TAKEOFF</b>		
2001 Front Winch Brackets and Mounting Hardware . . . . .	0362	00
2001 Front Winch Assembly, Complete and Wire Rope Assembly, Wrecker . . . . .	0363	00
2001 Front Winch Assembly, Complete and Wire Rope Assembly . . . . .	0364	00
2001 Front Winch Sheave Assembly, Wrecker . . . . .	0365	00
2001 Front Winch Tensioner Assembly, Roller Assembly, and Related Parts . . . . .	0366	00
2001 Front Winch Propeller Drive Shaft Assembly . . . . .	0367	00
2001 Bolster Logger Midwinch and Wire Rope Assembly . . . . .	0368	00
2001 Winch Assembly, Basic, Drum, and Related Parts . . . . .	0369	00
2001 Hand Winch Assembly and Wire Rope Assembly, Side . . . . .	0370	00
2001 Wrecker Rear Winch Assembly Complete and Wire Rope Assembly . . . . .	0371	00
2001 Wrecker Rear Winch Sheave Swivel and Trolley Assembly . . . . .	0372	00
2001 Wrecker Rear Winch Cable Tensioner . . . . .	0373	00
2001 Wrecker Rear Winch Assembly, Basic . . . . .	0374	00
2001 Wrecker Rear Winch Drive Shaft, Bearing Assembly, and Chain . . . . .	0375	00
2001 Wrecker Rear Winch Controls and Winch Brake Assembly . . . . .	0376	00
2001 Wrecker Rear Winch and Crane Controls . . . . .	0377	00
2001 Dump Hydraulic Hoist Assembly . . . . .	0378	00
2001 Dump Hoist Safety Latch Assembly, Hoses, and Filter . . . . .	0379	00
2001 Dump Hoist Pump Assembly and Mounting Hardware . . . . .	0380	00

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	WP	Sequence No.
2001 Dump Hoist Control Box Assembly . . . . .	0381	00
2001 Dump Hoist Control Valve Assembly and Mounting Hardware . . . . .	0382	00
2001 Dump Controls and Mounting Hardware . . . . .	0383	00
2001 Dump Control Connecting Links . . . . .	0384	00
2001 Dump Hoist Propeller Drive Shaft Assembly . . . . .	0385	00
2001 Wrecker Crane Gondola Assembly . . . . .	0386	00
2001 Wrecker Crane Turntable Assembly . . . . .	0387	00
2001 Wrecker Crane Gear Case Assembly and Mounting Hardware .	0388	00
2001 Wrecker Crane Boom Elevating Cylinder Assembly . . . . .	0389	00
2001 Wrecker Sheave and Operator Guard . . . . .	0390	00
2001 Wrecker Boom Assembly . . . . .	0391	00
2001 Wrecker Inner Boom Extension Assembly . . . . .	0392	00
2001 Wrecker Inner Boom Extension Cylinder Assembly . . . . .	0393	00
2001 Crane Hoist Winch and Mounting Hardware . . . . .	0394	00
2001 Crane Boom Hoist Winch Assembly . . . . .	0395	00
2001 Wrecker Hoist Hydraulic Winch Motor . . . . .	0396	00
2001 Wrecker Tackle Block and Wire Rope Assembly . . . . .	0397	00
2001 Wrecker Hoist Drive and Hoist Shaft Assemblies . . . . .	0398	00
2001 Wrecker Hoist Gear Case Assembly . . . . .	0399	00
2001 Wrecker Gondola Hoist Control Valve Assembly . . . . .	0400	00
2001 Wrecker Control Valve Hydraulic Hoses, Lines, and Fittings . .	0401	00
2001 Wrecker Hydraulic Hoses, Lines, and Fittings . . . . .	0402	00
2001 Wrecker Hydraulic Oil Tank Assembly and Mounting Hardware . . . . .	0403	00
2001 Wrecker Hydraulic Fluid Filter Assembly . . . . .	0404	00
2001 Wrecker Rear Winch Vertical Roller and Mounting Hardware . . . . .	0405	00
2001 Wrecker Rear Winch Horizontal Roller and Mounting Hardware . . . . .	0406	00
2001 Wrecker Throttle Control Lever, Cable, and Related Parts . . . .	0407	00
2001 Van Hydraulic Liftgate Assembly and Mounting Hardware . . . . .	0408	00
2001 Van Liftgate Platform Assembly and Hinge Plate . . . . .	0409	00
2001 Van Liftgate Frame and Linkage . . . . .	0410	00
2001 Van Liftgate Controls and Safety Latch . . . . .	0411	00
2001 Van Liftgate Control Assembly, Left Hand, and Right Hand . . .	0412	00
2001 Van Liftgate Hydraulic Tubing, Oil Tank, and Pump Motor . . .	0413	00
2001 Van Liftgate Pump Assembly . . . . .	0414	00
2001 Van Liftgate Hydraulic Tubing and Flow Control Valve . . . . .	0415	00
2001 Van Liftgate Cylinder Assembly and Mounting Hardware . . . .	0416	00
2001 Van Liftgate Closing Cylinder Assemblies . . . . .	0417	00
2001 Van Liftgate Pump Drive Shaft Assembly and Related Parts . .	0418	00
2004 Transmission Power Takeoff Assembly and Mounting Hardware . . . . .	0419	00
2004 Transmission Power Takeoff Assembly and Mounting Hardware . . . . .	0420	00
2004 Transfer Transmission Power Takeoff Assembly . . . . .	0421	00
2004 Transfer Transmission Power Takeoff Assembly . . . . .	0422	00
2004 Power Divider and Drive Shaft Assemblies . . . . .	0423	00
2004 Power Divider Gears, Yokes, and Related Parts . . . . .	0424	00
2004 Power Divider Shifter Fork, Control Lever, and Related Parts . . . . .	0425	00

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		WP	Sequence No.
	2004 Rotochamber Assembly and Related Parts . . . . .	0426	00
	2004 Transfer Transmission Power Takeoff Controls . . . . .	0427	00
	2004 Van Power Takeoff Controls . . . . .	0428	00
	2004 Tractor Wrecker and Bolster Logger Power Takeoff Controls . . . . .	0429	00
	2004 Wrecker Power Divider Controls . . . . .	0430	00
	2004 Wrecker Auxiliary Clutch Control Piping . . . . .	0431	00
Group 22	<b>BODY, CHASSIS, AND ACCESSORY ITEMS</b>		
	2201 Soft Top Assembly, Mounting Hardware, and Related Parts . . .	0432	00
	2201 Soft Top Post and Rail Assembly . . . . .	0433	00
	2201 Cargo Body Adjustable Safety Strap and Bow Stowage Strap Assembly . . . . .	0434	00
	2201 Wrecker Gondola Canopy and Seat . . . . .	0435	00
	2202 Windshield Wiper Arm, Blade and Mounting Hardware . . . . .	0436	00
	2202 Rearview Mirror Assembly, Right and Left Side . . . . .	0437	00
	2202 Rearview Mirror Assembly, Right and Left Side . . . . .	0438	00
	2202 Convex Side View Mirror and Mounting Hardware . . . . .	0439	00
	2202 Cargo Body Reflectors and Mounting Hardware . . . . .	0440	00
	2202 Dump Body Reflectors and Mounting Hardware . . . . .	0441	00
	2202 Tractor Body Reflectors and Mounting Hardware . . . . .	0442	00
	2202 Tractor Wrecker and Mounting Hardware . . . . .	0443	00
	2202 Van Body and Bolster Logger Body Reflectors and Mounting Hardware . . . . .	0444	00
	2210 Data Plates, Engine . . . . .	0445	00
	2210 Data Plates, Air Cleaner, Air Restriction Gage, Surge Tank, and Fuel Pump . . . . .	0446	00
	2210 Data Plates, Tractor Wrecker, Swing Motor, and Cable Drum Drive, and Wrecker Controls . . . . .	0447	00
	2210 Data Plates, Rear Winch Controls . . . . .	0448	00
	2210 Data Plates, Front and Rear Winch . . . . .	0449	00
	2210 Data Plates, Power Takeoff Controls . . . . .	0450	00
	2210 Data Plates, Van Body Interior . . . . .	0451	00
	2210 Data Plates, Van Body Exterior and Van Liftgate . . . . .	0452	00
	2210 Data Plates, Tire Warning, Fifth Wheel, and Tow Bar . . . . .	0453	00
	2210 Data Plates, Transmission, Power Steering Pump, and Emergency Service Air . . . . .	0454	00
	2210 Data Plates, Instrument Panel, Battery Box, and Generator . . .	0455	00
	2210 Data Plates, Engine, Transmission, and Transfer Containers . .	0456	00
	2210 Data Plates, Hood and Fluid . . . . .	0457	00
	2210 Data Plates, Dump Body Cab Protector, Cargo Body Tailgate, and Side Gates . . . . .	0458	00
Group 33	<b>SPECIAL PURPOSE KITS</b>		
	3301 Shipping Containers, Engine, Transfer, and Transmission . . . .	0459	00
	3303 Fuel Burning Personnel Heater Kit, Heater Exhaust, and Mounting Hardware . . . . .	0460	00
	3303 Fuel Burning Personnel Heater Kit, Heater Exhaust, and Mounting Hardware, Model 10530-A24 . . . . .	0461	00
	3303 Fuel Burning Personnel Heater Kit, Heater Exhaust, and Mounting Hardware, Model 10530B . . . . .	0462	00
	3303 Fuel Burning Personnel Heater Kit, Pump, Control, and Wiring Harness . . . . .	0463	00



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	WP	Sequence No.
3303 Fuel Burning Personnel Heater Kit, Defroster Assembly . . . . .	0464	00
3303 Fuel Burning Personnel Heater Kit, Alcohol Evaporator, Receptacle, and Shift Lever Dust Boots . . . . .	0465	00
3303 Engine Coolant Heater Kit, Hood and Grill Cover . . . . .	0466	00
3303 Engine Coolant Heater Kit, Heater Coolant Assembly . . . . .	0467	00
3303 Engine Coolant Heater Kit, Control and Wiring Harness . . . . .	0468	00
3303 Engine Coolant Heater Kit, Battery Box, Exhaust, and Coolant Hoses . . . . .	0469	00
3303 Thermal Barrier Kit . . . . .	0470	00
3303 Hot Water Personnel Heater Kit, Defroster Assembly and Deflector . . . . .	0471	00
3303 Hot Water Personnel Heater Kit, Heater Assembly and Related Parts . . . . .	0472	00
3303 Hot Water Personnel Heater Kit, Radiator Cover . . . . .	0473	00
3303 Hot Water Personnel Heater Kit, Control Switch, Wiring Leads, and Resistor Assembly . . . . .	0474	00
3303 Hardtop Kit . . . . .	0475	00
3305 Deep Water Fording Kit, Lines and Fittings . . . . .	0476	00
3305 Deep Water Fording Kit, Control Assembly and Valve Set . . . . .	0477	00
3305 Deep Water Fording Exhaust, M812A1 . . . . .	0478	00
3307 Seat Belt Kit, Fixed and Floating Driver's Seat . . . . .	0479	00
3307 Mud Flap Kit, Tractor, Rear . . . . .	0480	00
3307 Mud Flap Kit, Tractor, Rear . . . . .	0481	00
3307 Wiper Washer Bottle Kit, Jet and Pump Assembly . . . . .	0482	00
3307 Slave Receptacle Kit . . . . .	0483	00
3307 Intervehicle Power Cable Kit . . . . .	0484	00
3307 A-Frame Components Kit . . . . .	0485	00
3307 Pioneer Tool Bracket Kit . . . . .	0486	00
3307 Machine Gun Mounting Kit . . . . .	0487	00
3307 Air Drop Kit . . . . .	0488	00
3307 Bow and Tarp Kit, Dropside . . . . .	0489	00
3307 Bow and Tarp Kit, Cargo (Short) . . . . .	0490	00
3307 Bow and Tarp Kit, Cargo, Long Wheelbase . . . . .	0491	00
3307 Tarpaulin Extension Kit, LWB Cargo Extra Height . . . . .	0492	00
3307 Dump Body Troop Seat and Tarpaulin Kit . . . . .	0493	00
3307 Dump Body Troop Seat and Tarpaulin Kit . . . . .	0494	00
3307 Fire Extinguisher Kit . . . . .	0495	00
3307 Low Air Pressure Warning Light Kit . . . . .	0496	00
3307 Tachograph Kit . . . . .	0497	00
3307 Air Hand Brake Kit . . . . .	0498	00
3307 Alternator Conversion Kit, 60 to 100 AMP . . . . .	0499	00
3307 Van Body Stabilizer Kit . . . . .	0500	00
3307 Mini-Lighting Kit, Wiring Leads, Brackets, and Mounting Hardware . . . . .	0501	00
3307 Mini-Lighting Kit, Wiring Leads, Lamp Assembly, Light Markers, and Mounting Hardware . . . . .	0502	00
3307 Convoy Warning Light Kit . . . . .	0503	00
3307 Convoy Warning Light Kit, Dump . . . . .	0504	00
3307 Convoy Warning Light Kit, Van . . . . .	0505	00
3307 M14/M16 Rifle Mounting Kit . . . . .	0506	00
3307 Front Bumper Step Kit . . . . .	0507	00
3307 Vehicle Tiedown Kits . . . . .	0508	00
3307 Tach Cable Interference Relief Kit . . . . .	0509	00

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	WP	Sequence No.
3307 Portable Decontamination Mounting Kit .....	0510	00
3307 Cable Reel Kit .....	0511	00
3307 Cable Reel Kit .....	0512	00
3307 Cable Reel Kit .....	0513	00
3307 Cable Reel Kit .....	0514	00
3307 Cable Reel Kit .....	0515	00
3307 Cable Reel Kit .....	0516	00
3307 Raised Hood Kit .....	0517	00
3307 Power Input Receptacle Kit .....	0518	00
3307 Electric Wiper Kit, Motor, Arm, and Related Parts .....	0519	00
3307 Electric Wiper Kit, Circuit Breaker and Wiring Harness .....	0520	00
3307 Electric Wiper Kit, Hood Spacer and Bumper .....	0521	00
Group 47 NON-ELECTRICAL GAGES		
4701 Tachometer and Shaft Assembly .....	0522	00
4701 Speedometer and Shaft Assembly .....	0523	00
4702 Air and Oil Pressure Indicators .....	0524	00
Group 94 REPAIR PARTS KITS		
9401 Kits .....	0525	00
Group 95 BULK ITEM		
9501 Bulk .....	0526	00
Group 26 TOOLS AND TEST EQUIPMENT		
2604 Special Tool Kit, Unit Level .....	0527	00
2604 Special Tool Kit, Direct Support .....	0528	00
2604 Special Tool Kit, Direct Support .....	0529	00
2604 Special Tool Kit, Direct Support .....	0530	00
2604 Special Tool Kit, Direct Support .....	0531	00
2604 Special Tool Kit, General Support .....	0532	00
NATIONAL STOCK NUMBER INDEX .....	0533	00
PART NUMBER INDEX .....	0534	00

# UNIT, DIRECT SUPPORT, AND GENERAL SUPPORT MAINTENANCE REPAIR PARTS AND SPECIAL TOOLS LIST

## INTRODUCTION

### SCOPE

This RPSTL lists and authorizes spare and repair parts; special tools; test, measurement, and diagnostic equipment (TMDE); and other special support equipment required for performance of unit, direct support, and general support maintenance of the 5-Ton, 6x6, M809 series vehicles. It authorizes the requisitioning, issue, and disposition of spares, repair parts, and special tools as indicated by the source, maintenance, and recoverability (SMR) codes.

### GENERAL

In addition to the Introduction Work Package, this Repair Parts and Special Tools List is divided into the following work packages:

**1. Repair Parts List Work Packages.** Work packages list of spare and repair parts authorized by this RPSTL for use in the performance of maintenance. The list also includes parts which must be removed for replacement of the authorized parts. Parts lists are composed of functional groups in ascending alpha-numeric sequence, with the parts in each group listed in ascending figure and item number sequence. Sending units, brackets, filters, and bolts are listed with the component they mount on. Bulk materials are listed by item name in FIG BULK at the end of the work package. Repair parts kits are listed separately in their own functional group and work package. Repair parts for repairable special tools are also listed in a separate work package. Items listed are shown on the associated illustration(s)/figure(s).

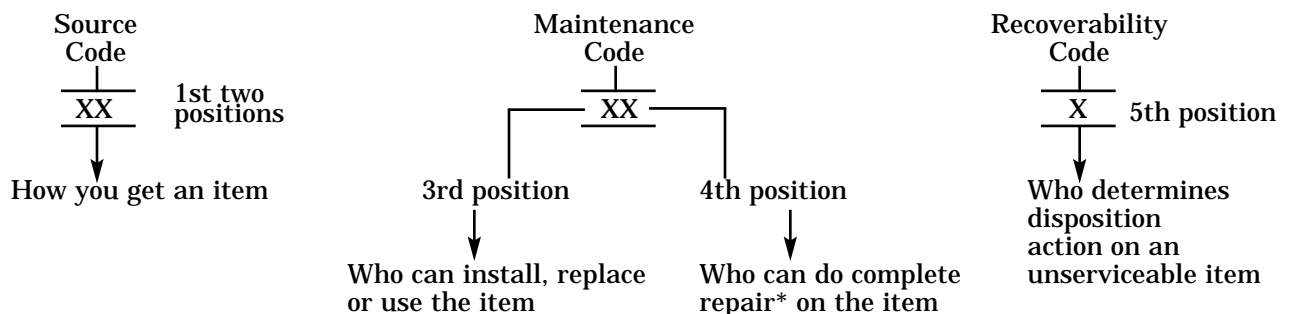
**2. Special Tools List Work Packages.** Work packages containing lists of special tools, special TMDE, and special support equipment authorized by this RPSTL (as indicated by Basis of Issue (BOI) information in DESCRIPTION AND USABLE ON CODE column). Tools that are components of common tool sets and/or Class VII are not listed.

**3. Cross-Reference Indexes Work Packages.** There are two cross-reference indexes work packages in this RPSTL: The National Stock Number (NSN) Index work package and the Part Number (P/N) Index work package. The National Stock Number Index work package refers you to the figure and item number appearance. The Part Number Index work package list all part numbers in alphanumeric sequence and refers you to the figure and item number appearance.

### EXPLANATION OF COLUMNS IN THE REPAIR PARTS LIST AND SPECIAL TOOLS LIST WORK PACKAGES

**Item No. (Column (1)).** Indicates the number used to identify items called out in the illustration.

**SMR Code (Column (2)).** The Source, Maintenance, and Recoverability (SMR) code is a 5-position code containing supply/requisitioning information, maintenance category authorization criteria, and disposition instruction, as shown in the following breakout:



\* Complete Repair: Maintenance capacity, capability, and authority to perform all corrective maintenance tasks of the Repair function in a use/user environment in order to restore serviceability to a failed item.

**Source Code.** The source code tells you how to get an item needed for maintenance, repair, or overhaul of an end item/equipment. Explanations of source codes follows:

Code	Explanation
PA	Stocked items; use the applicable NSN to request/requisition items with these source codes. They are authorized to the category indicated by the code entered in the 3rd position of the SMR code.
PB	
PC**	
PD	
PE	
PF	
PG	** NOTE: Items coded PC are subject to deterioration.
KD	
KF	
KB	Items with these codes are not to be requested/requisitioned individually. They are part of a kit which is authorized to the maintenance category indicated in the 3rd position of the SMR code. The complete kit must be requisitioned and applied.
MO- (Made at Unit Level)	Items with these codes are not to be requested/requisitioned individually. They must be made from bulk material which is identified by the part number in the DESCRIPTION AND USABLE ON CODE (UOC) column and listed in the bulk material group of the repair parts list in the RPSTL. If the item is authorized to you by the 3rd position code of the SMR code, but the source code indicates it is made at a higher level, order the item from the higher level of maintenance.
MF- (Made at DS Level)	
MH- (Made at Specialized Repair Act (SRA))	
MD- (Made at Depot)	
AO- (Assembled by Unit Level)	Items with these codes are not to be requested/requisitioned individually. The parts that make up the assembled item must be requisitioned or fabricated and assembled at the level of maintenance indicated by the source code. If the 3rd position code of the SMR code authorized you to replace the item, but the source code indicates the item is assembled at a higher level, order the item from the higher level of maintenance.
AF- (Assembled by DS Level)	
AH- (Assembled by GS Level)	
AL- (Assembled by SRA)	
AD- (Assembled by Depot)	
XA-	Do not requisition an XA-coded item. Order its next higher assembly. (Also, refer to the note below.)
XB-	If an XB item is not available from salvage, order it using CAGEC and part number given.
XC-	Installation drawing, diagram, instruction sheet, field service drawing, that is identified by manufacturer's part number.
XD-	Item is not stocked. Order an XD-coded item through normal supply channels using the CAGEC and part number given, if no NSN is available.

#### NOTE

Cannibalization or controlled exchange, when authorized, may be used as a source of supply for items with the above source codes, except for those source coded XA.

**Maintenance Code.** Maintenance codes tell you the level(s) of maintenance authorized to USE and REPAIR support items. The maintenance codes are entered in the third and fourth positions of the SMR code as follows:

**Third Position.** The maintenance code entered in the third position tells you the lowest maintenance level authorized to remove, replace, and use an item. The maintenance code entered in the third position will indicate authorization to one of the following levels of maintenance.

Code	Application/Explanation
C	- Crew or operator maintenance done within organizational maintenance.
O	- Unit level can remove, replace, and use the item.
F	- Direct support level can remove, replace, and use the item.
H	- General support level can remove, replace, and use the item.
L	- Specialized repair activity can remove, replace, and use the item.
D	- Depot level can remove, replace, and use the item.

**Fourth Position.** The maintenance code entered in the fourth position tells you whether or not the item is to be repaired and identifies the lowest maintenance level with the capability to do complete repair (i.e., perform all authorized repair functions).

**NOTE**

Some limited repair may be done on the item at a lower level of maintenance, if authorized by the Maintenance Allocation Chart (MAC) and SMR codes.) This position will contain one of the following maintenance codes.

Code	Application/Explanation
O	– Unit is the lowest level that can do complete repair of the item.
F	– Direct support is the lowest level that can do complete repair of the item.
H	– General support is the lowest level that can do complete repair of the item.
L	– Specialized repair activity (designate the specialized repair activity) is the lowest level that can do complete repair of the item.
D	– Depot is the lowest level that can do complete repair of the item.
Z	– Nonrepairable. No repair is authorized.
B	– No repair is authorized. (No parts or special tools are authorized for the maintenance of a B-coded item.) However, the item may be reconditioned by adjusting, lubricating, etc., at the user level.

**Recoverability Code.** Recoverability codes are assigned to items to indicate the disposition action on unserviceable items. The recoverability code is entered in the fifth position of the SMR code as follows:

Recoverability Code	Application/Explanation
Z	– Nonrepairable item. When unserviceable, condemn and dispose of the item at the level of maintenance shown in 3rd position of SMR code.
O	– Repairable item. When uneconomically repairable, condemn and dispose of the item at unit level.
F	– Repairable item. When uneconomically repairable, condemn and dispose of the item at the direct support level.
H	– Repairable item. When uneconomically repairable, condemn and dispose of the item at the general support level.
D	– Repairable item. When beyond lower level repair capability, return to depot. Condemnation and disposal of item not authorized below depot level.
L	– Repairable item. Condemnation and disposal not authorized below specialized repair activity (SRA).
A	– Item requires special handling or condemnation procedures because of specific reasons (e.g.; precious metal content, high dollar value, critical material, or hazardous material). Refer to appropriate manuals/directives for specific instructions.

**NSN (Column 3)).** The NSN for the item is listed in this column.

**CAGEC (Column 4)).** The Commercial and Government Entity Code (CAGEC) is a 5-digit numeric code is used to identify the manufacturer, distributor, or Government agency/activity, that supplies the item.

**Part Number (Column 5)).** Indicates the primary number used by the manufacturer (individual, company, firm, corporation, or Government activity), which controls the design and characteristics of the item by means of its engineering drawings, specifications standards, and inspection requirements to identify an item or range of items. Part numbers not available (N/A) will be provided as updates to this manual when available.

**NOTE**

When you use a NSN to requisition an item, the item you receive may have a different part number from the part ordered.

**Description and Usable on Code (UOC) (Column (6)).** This column includes the following information:

- (1) The Federal item name and, when required, a minimum description to identify the item.
- (2) Items that are included in kits and sets are listed below the name of the kit or set.
- (3) Spare/repair parts that make up an assembled item are indented and listed immediately following the assembled item line entry.
- (4) Part numbers for bulk materials are referenced in this column in the line item entry for the item to be manufactured/fabricated.
- (5) When the item is not used with all serial numbers of the same model, the effective serial numbers are shown on the last line(s) of the description (before UOC).
- (6) The usable on code, when applicable (refer to paragraph 5, Special Information).
- (7) In the Special Tools List section, the Basis of Issue (BOI) appears as the last line(s) in the entry for each special tool, special TMDE, and other special support equipment. When density of equipment supported exceeds density spread indicated in the Basis of Issue, the total authorization is increased proportionately.
- (8) The statement END OF FIGURE appears just below the last item description in column 6 for a given figure in both the repair parts list and special tools list work packages.

**QTY (Column (7)).** The QTY (quantity per figure column) indicates the quantity of the item used in the breakout shown on the illustration figure, which is prepared for a functional group, subfunctional group, or an assembly. A "V" appearing in this column in lieu of a quantity indicates that the quantity is variable and the quantity may change from application to application.

**EXPLANATION OF CROSS-REFERENCE INDEXES WORK PACKAGES FORMAT AND COLUMNS****1. National Stock Number (NSN) Index Work Packages.**

**STOCK NUMBER Column.** This column lists the NSN by National Item Identification Number (NIIN)

NSN

sequence. The NIIN consists of the last nine digits of the NSN (i.e., 5305-01-674-1467). When using this column

NIIN

to locate an item, ignore the first 4 digits of the NSN. However, the complete NSN should be used when ordering items by stock number.

**FIG. Column.** This column lists the number of the figure where the item is identified/located. The figures are in numerical order in the repair parts and special tools list work packages.

**ITEM Column.** The item number identifies the item associated with the figure listed in the adjacent FIG. column. This item is also identified by the NSN listed on the same line.

**2. Part Number (P/N) Index Work Package.** Part numbers in this index are listed by part number in ascending alphanumeric sequence (i.e., vertical arrangement of letter and number combination which places the first letter or digit of each group in order A through Z, followed by the numbers 0 through 9 and each following letter or digit in like order).

**CAGEC Column.** The Commercial and Government Entity Code (CAGEC) is a 5-digit numeric code used to identify the manufacturer, distributor, or Government agency, etc., that supplies the item.

**PART NUMBER Column.** Indicates the primary number used by the manufacturer (individual, company, firm, corporation, or Government activity), which controls the design and characteristics of the item by means of its engineering drawings, specifications standards, and inspection requirements to identify an item or range of items.

**STOCK NUMBER Column.** This column lists the NSN for the associated part number and manufacturer identified in the PART NUMBER and CAGEC columns to the left

**FIG. Column.** This column lists the number of the figure where the item is identified/located in the repair parts list and special tool list work packages.

**ITEM Column.** The item number is that number assigned to the item as it appears in the figure referenced in the adjacent figure number column.

**SPECIAL INFORMATION**

**USABLE ON CODE.** The usable on code appears in the lower left corner of the Description column heading. Usable on codes are shown as "UOC: . . . . ." in the Description Column (justified left) on the first line applicable item description/nomenclature. Uncoded items are applicable to all models. Identification of the usable on codes used in the RPSTL are:

Code	Used On	Code	Used On
614	M815 W/W	629	M814 WO/W
620	M821 W/W	630	M820 WO/W
621	M812A1 W/W	631	M820A1 WO/W
622	M816 W/W	632	M820A2 WO/W
623	M810 W/W	633	M817 W/W
624	M810 WO/W	634	M818 W/W
625	M813 W/W	635	M818 WO/W
626	M813 WO/W	637	M813A1 W/W
627	M817 WO/W	638	M813A1 WO/W
628	M814 W/W		

**Fabrication Instructions.** Bulk materials required to manufacture items are listed in the Bulk Material Functional Group of this RPSTL. Part numbers for bulk materials are also referenced in the description column of the line item entry for the item to be manufactured/fabricated. Detailed fabrication instructions for items source code to be manufactured or fabricated are found in TM 9-2320-387-24.

**Assembly Instruction.** Detailed assembly instructions for items source coded to be assembled from component spare/repair parts are found in TM 9-2320-387-24. Items that make up the assembly are listed immediately following the assembly item entry or reference is made to an applicable figure.

**Kits.** Line item entries for repair parts kits appear in group 9401 KITS in the repair parts list work packages.

**Index Numbers.** Items which have the word BULK in the figure column will have an index number shown in the item number column. This index number is a cross-reference between the National Stock Number/Part Number Index and the bulk material list in the repair parts list work packages.

**Associated Publications.** The publications listed below pertain to the 5-Ton, 6x6, M809 series vehicles and their components:

LO 9-2320-260-12	Lubrication Order
TM 9-2320-260-10	Operator's Manual
TM 9-2320-260-10HR	Hand Receipt, Operators Manual
TM 9-2320-260-20	Unit Maintenance Manual
TM 9-2320-260-34	Direct Support and General Support Maintenance Manual
DMWR 9-3820-501	Depot Maintenance Work Requirements, Front and Rear Winch Assemblies
DMWR 9-2520-508	Depot Maintenance Work Requirements, Front and Rear Axle Assemblies

**Illustrations.** Item numbers on illustrations have been assigned in clockwise sequence, starting at the 11 o'clock position (upper left).

## HOW TO LOCATE REPAIR PARTS

### **When National Stock Number or Part Number is Not Known.**

**(1) First.** Using the table of contents, determine the assembly group or subassembly group to which the item belongs. This is necessary since figures are prepared for assembly groups and subassembly groups, and listings are divided into the same groups.

**(2) Second.** Find the figure covering the assembly group or subassembly group to which the item belongs.

**(3) Third.** Identify the item on the figure and use the Figure and Item Number Index to find the NSN.

### **When National Stock Number or Part Number is Known.**

**(1) First.** Using the Index of National Stock Numbers and Part Numbers, find the pertinent National Stock Number or Part Number. The NSN index is in National Item Identification Number (NIIN) sequence (see 4.a.(1)). The part numbers in the Part Number index are listed in ascending alphanumeric sequence (see 4.b.). Both indexes cross-reference you to the illustration figure and item number of the item you are looking for.

**(2) Second.** After finding the figure and item number, verify that the item is the one you're looking for, then locate the item number in the repair parts list for the figure.

END OF WORK PACKAGE



