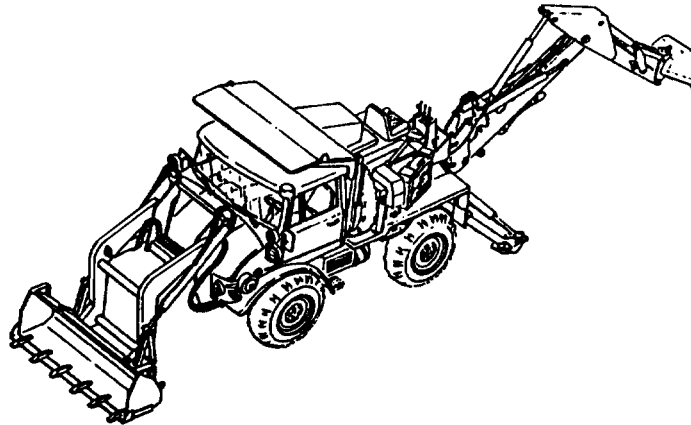
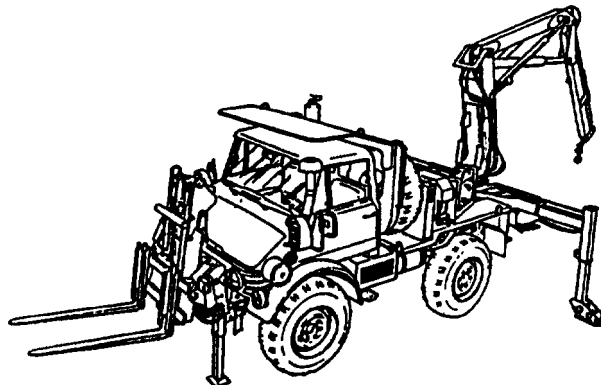


TECHNICAL MANUAL

**UNIT, DIRECT SUPPORT, AND GENERAL SUPPORT
REPAIR PARTS AND SPECIAL TOOLS LIST
(INCLUDING DEPOT MAINTENANCE REPAIR PARTS)
FOR
TRACTOR, WHEELED, 4 X 4 DED
SMALL EMPLACEMENT EXCAVATOR (SEE)
NSN 2420-01-160-2754 (EIC: EDL)**



**AND
TRACTOR, WHEELED, 4 X 4 DED
HIGH MOBILITY MATERIAL HANDLER (HMMH)
NSN 2420-01-205-8636 (EIC: EED)
Volume 2 of 2**



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Backhoe/Crane Tilt and Latch Cylinders Hydraulic Lines and Fittings.....	0285 00
Tube to Boss Elbow MS51527A8, Tube to Boss Elbow MS51527A-16, Tube Straight Adapter MS51525A8-10, Tube to Boss Elbow 218-5123, Tube to Boss Elbow MS51528A12, and Tube to Boss Elbow 218-5124.....	0286 00
Backhoe Swing Cylinder Hydraulic Lines and Fittings..	0287 00
Backhoe Boom Cylinder Hydraulic Lines and Fittings...	0288 00
Backhoe Dipper Cylinder Hydraulic Lines and Fittings.	0289 00
Backhoe Bucket Cylinder Hydraulic Lines and Fittings	0290 00
Crane Supply and Return Lines and Fittings	0291 00
Crane Turntable Motor Lines and Fittings.....	0292 00
Crane External End Extension Cylinder Hydraulic Lines and Fittings	0293 00
Crane Inner Boom Lift Cylinder Hydraulic Lines and Fittings	0294 00
Crane Mast Locking Cylinder Hydraulic Lines and Fittings	0295 00
Crane Outer Boom Cylinder Hydraulic Lines and Fittings	0296 00
Crane Horizontal Outrigger Cylinder Hydraulic Lines and Fittings.....	0297 00
Crane Vertical Outrigger Cylinder Hydraulic Lines and Fittings	0298 00
Hydraulic Suspension Lockout Lines and Fittings, and Fluid Filter 000 815 11 69.....	0299 00
Hydraulic Suspension Lockout Lines and Fittings	0300 00

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GROUP 2407	Hydraulic Cylinders –	
	Loader Bucket Rollback Cylinder Assembly	
	627-01042-30M.....	0301 00
	Loader Boom Cylinder Assembly 627-01041-30M.....	0302 00
	Backhoe Bucket Cylinder Assembly.....	0303 00
	Backhoe Boom Cylinder Assembly.....	0304 00
	Backhoe Swing Cylinder Assembly.....	0305 00
	Backhoe Dipper Cylinder Assembly.....	0306 00
	Backhoe Stabilizer Cylinder Assembly.....	0307 00
	Backhoe/Crane Latch Cylinders.....	0308 00
	Backhoe/Crane Tilt Cylinder (J.I. Case).....	0309 00
	Backhoe/Crane Tilt Cylinder (Aeroquip).....	0310 00
	Forklift Tilt Cylinder Assembly.....	0311 00
	Forklift Rotator Cylinder Assembly.....	0312 00
	Forklift Lift Cylinder Assembly.....	0313 00
	Crane External End Extension Cylinder Assembly.....	0314 00
	Crane Inner Boom Lift Cylinder Assembly.....	0315 00
	Crane Mast Locking Cylinder Assembly.....	0316 00
	Crane Outer Boom Cylinder Assembly.....	0317 00
	Crane Horizontal Outrigger Cylinder Assembly.....	0318 00
	Crane Vertical Outrigger Cylinder Assembly.....	0319 00
GROUP 2408	Liquid Tanks or Reservoirs –	
	Hydraulic Tank Assembly (21.0 Gallon).....	0320 00
	Hydraulic Tank Assembly (11.0 Gallon).....	0321 00
	Hydraulic Oil Cooler.....	0322 00
GROUP 47, 4701	Gauges (Non-Electrical), Weighing and Measuring Devices –	
	Instruments (Speed and Distance) – Speedometer and	
	STE/ICE-R Tachometer Drive Shafts.....	0323 00
GROUP 4702	Gauges, Mountings, Lines and Fittings – Inclinator.....	0324 00
GROUP 4703	Hourmeter – Hourmeter.....	0325 00
GROUP 70, 7005	Machine Tools and Related Equipment, Drills, Power	
	Wrenches (Other Than Pneumatic) –	
	Hammer Drill.....	0326 00
	Hammer Drill.....	0327 00
	Drills, Power Wrenches (Other Than Pneumatic) –	
	Pneumatic Impact Wrench IW12140V, Impact	
	Mechanism 08021, Pile Drive Hammer Case 08071,	
	Hydraulic Parts Kit 08068, Spur Gear 07989, and	
	Hose/Coupler Assembly 10293.....	0328 00
GROUP 7006	Power Hammers (Other Than Pneumatic) – Paving	
	Breaker VR67130M, Manual Control Handle 06185,	
	Hydraulic Cylinder 04060, Pneumatic Tank Valve AN6287-1,	
	and Breaker Foot Assembly 04598.....	0329 00
GROUP 7008	Power Saws (Other Than Pneumatic) –	
	Chain Saw CS06120M, and Handle Assembly 07693.....	0330 00
	Chain Saw and Mechanical Assembly Housing 07652....	0331 00
GROUP 74, 7412	Crane, Shovels, and Earth Moving Equipment Components, –	
	Backhoe Boom and Crane Boom D132948.....	0332 00
	Backhoe Attachments –	
	Rig Hoe Bucket Connecting Link D126492, Rig	
	Connecting Link D89620, and Backhoe Dipper	
	Assembly D140280.....	0333 00

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		<u>WP Sequence No.</u>
GROUP 74, 7412	Crane, Shovels, and Earth Moving Equipment Components, – Continued	
	Scoop Type L Scoop Bucket 104327, and Scoop Type L Ripper Bucket 020-185	0334 00
	Control Assembly 4327-68IN-30024-1-1, Back Latch Assembly 419 550 73 75, Back Latch Assembly 419 550 77 40	0335 00
	Backhoe Boom Latch	0336 00
	Swing Tower Assembly D136868.....	0337 00
	Stabilizer Leg Assembly D94215 and Swing Beam D94401.....	0338 00
GROUP 7417	Hoists –	
	Mast Assembly 41706064, Crane Boom 52706059, and Crane Mast Base 52706039	0339 00
	Inner Boom Assembly 41907454 and Crane Boom 52707453	0340 00
	Boom Assembly 41707476 and Crane Boom 52707470.....	0341 00
	Boom Extension Assembly 41707473	0342 00
	Base/Outriggers Assembly 41706065	0343 00
	Base/Outrigger Assembly 41706065 and Rotation Lock Lever Linkage	0344 00
	Base/Outrigger Assembly 41706065, and Outrigger Base Assembly 52706035	0345 00
	Crane Travel Lock	0346 00
GROUP 7437	Loader Bucket Assembly or Forklift – Loader Frame and Type L Scoop Bucket 677-01739-40	0347 00
GROUP 2604	Tools and Test Equipment, Special Tools – Unit Special Tools, General Mechanic's Tool Kit 419 000 74 58, and Cab Tilting Device 419 580 05 51 00	0348 00
	Special Tools –	
	Unit Special Tools, General Mechanic's Tool Kit 419 000 74 58, and Vehicle Support Stand 419 580 70 18	0349 00
	Direct Support Special Tools, General Mechanic's Tool Kit 419 000 75 58 (Figure 1)	0350 00
	Direct Support Special Tools, General Mechanic's Tool Kit 419 000 75 58 (Figure 2)	0351 00
	Direct Support Special Tools, General Mechanic's Tool Kit 419 000 75 58 (Figure 3)	0352 00
	Direct Support Special Tools, General Mechanic's Tool Kit 419 000 75 58 (Figure 4)	0353 00
	Direct Support Special Tools, General Mechanic's Tool Kit 419 000 75 58 and Universal Puller Kit 11275.....	0354 00
	General Support Special Tools, General Mechanic's Tool Kit 419 000 76 58 (Figure 1)	0355 00
	General Support Special Tools, General Mechanic's Tool Kit 419 000 76 58 (Figure 2)	0356 00
	General Support Special Tools, General Mechanic's Tool Kit 419 000 76 58 (Figure 3)	0357 00

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	<u>WP Sequence No.</u>
GROUP 2604	
Tools and Test Equipment, Special Tools – Continued	
General Support Special Tools, General Mechanic's Tool Kit 419 000 76 58 (Figure 4)	0358 00
General Support Special Tools, General Mechanic's Tool Kit 419 000 76 58 (Figure 5)	0359 00
Unit Special Tools, General Mechanic's Tool Kit 419 000 81 58, Cooling System Detector 001 589 83 21 00, and Cab Tilting Service 419 580 05 51 00	0360 00
Unit Special Tools, General Mechanic's Tool Kit 419 000 81 58 and Vehicle Support Stand 419 580 70 18	0361 00
Unit Special Tools General Mechanic's Tool Kit 419 000 82 58, and Vehicle Support Stand 419 580 70 18	0362 00
Direct Support Special Tools, General Mechanic's Tool Kit 419 000 83 58 (Figure 1)	0363 00
Direct Support Special Tools, General Mechanic's Tool Kit 419 000 83 58 (Figure 2)	0364 00
Direct Support Special Tools, General Mechanic's Tool Kit 419 000 83 58 (Figure 3)	0365 00
Direct Support Special Tools, General Mechanic's Tool Kit 419 000 84 58.....	0366 00
Direct Support Special Tools, General Mechanic's Tool Kit 419 000 84 58 and Universal Puller Kit 11275.....	0367 00
Direct Support Special Tools, General Mechanic's Tool Kit 419 000 85 58, Spanner Wrench 3Y140510, and Spanner Wrench 678602	0368 00
Direct Support Special Tools, General Mechanic's Tool Kit 419 000 85 58 and Bushing Insertter and Remover 92091200.....	0369 00
General Support Special Tools, General Mechanic's Tool Kit 419 000 86 58 (Figure 1)	0370 00
General Support Special Tools, General Mechanic's Tool Kit 419 000 86 58 (Figure 2)	0371 00
General Support Special Tools, General Mechanic's Tool Kit 419 000 86 58 (Figure 3)	0372 00
General Support Special Tools, General Mechanic's Tool Kit 419 000 86 58 (Figure 4)	0373 00
General Support Special Tools, General Mechanic's Tool Kit 419 000 86 58 (Figure 5)	0374 00
GROUP 94.9401	0375 00
GROUP 95, 9501	0376 00
National Stock Number Index	0377 00
Part Number Index	0378 00
REAR MATTER	

**UNIT, DIRECT SUPPORT AND
GENERAL SUPPORT MAINTENANCE**

**SMALL EMPLACEMENT EXCAVATOR (SEE) AND
HIGH MOBILITY MATERIAL HANDLER (HMMH)**

BODY, CAB, AND HOOD ASSEMBLIES – FRONT PLATE

REPAIR PARTS LIST

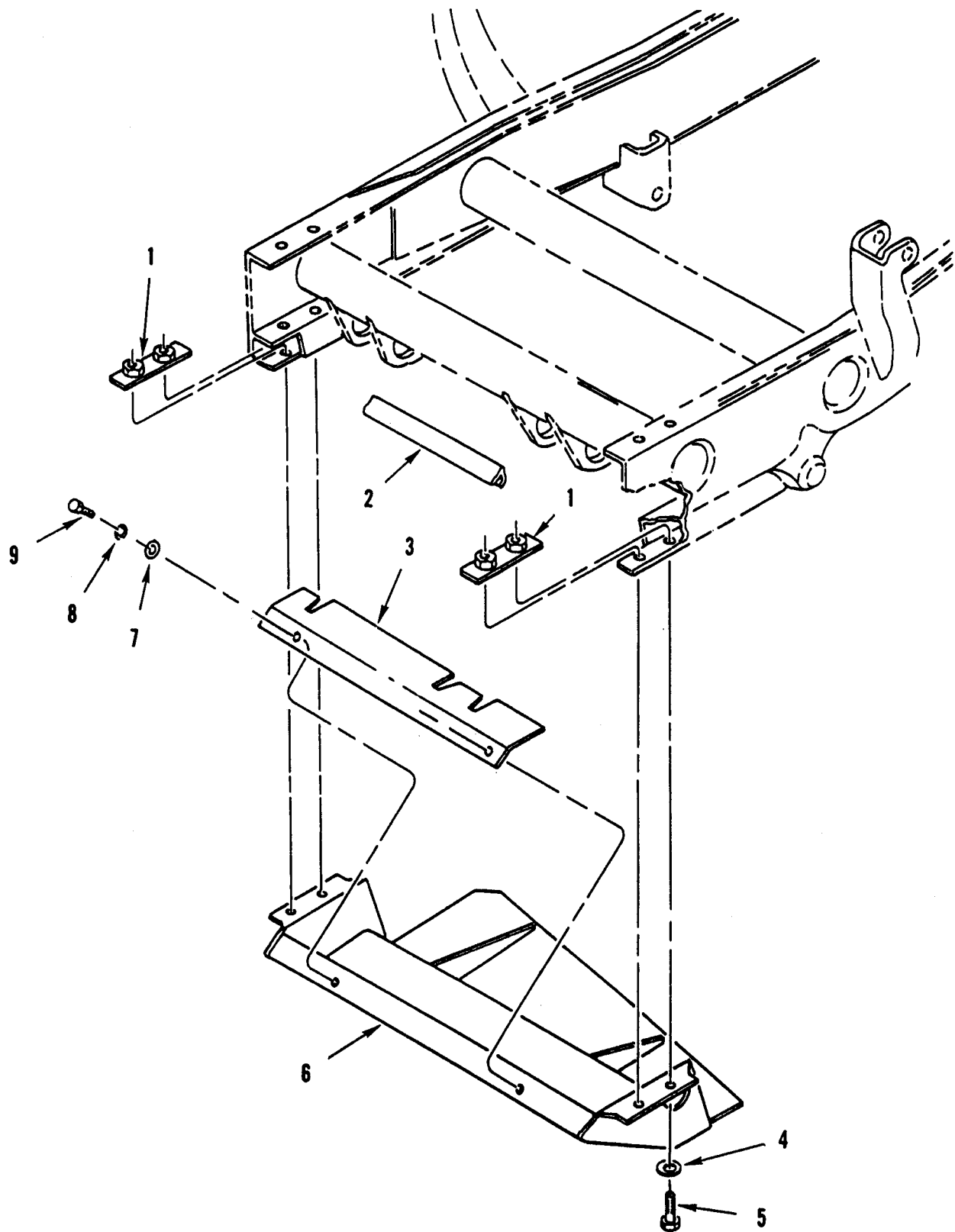


Figure 194. Body, Cab, and Hood Assemblies – Front Plate.

(1) ITEM NO	(2) SMR CODE	(3) NSN	(4) CAGEC	(5) PART NUMBER	(6) DESCRIPTION AND USABLE ON CODES (UOC)	(7) QTY
GROUPS 18, 1801						
FIG. 194 BODY, CAB, AND HOOD ASSEMBLIES – FRONT PLATE						
1	PFOZZ	5310-01-263-2207	64678	406 550 44 40	NUT,PLAIN,PLATE.....	2
2	PAOZZ	9390-01-336-7091	64678	406 725 51 98	NONMETALLIC SPECIAL	1
3	PFOZZ	2590-01-241-3129	64678	419 524 00 33	GUARD,MECHANICAL DR	1
4	PFOZZ	5310-01-242-0676	64678	007349 013003	WASHER,FLAT	4
5	PFOZZ	5306-01-242-0598	15526	960 M12X1.5 110P	BOLT,MACHINE	4
6	PFOZZ	5340-01-240-9523	64678	419 520 00 82	COVER,ACCESS	1
7	PFOZZ	5310-01-250-6258	15526	9021 8 S	WASHER,FLAT	2
8	PFOZZ	5310-01-174-0436	S3465	4537800-128	WASHER,SPRING TENS.....	2
9	PFOZZ	5306-01-174-7550	S3465	4537800-129	BOLT,MACHINE.....	2
END OF FIGURE						