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DEPARTMENT OF THE ARMY TECHNICAL MANUAL

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**DIRECT SUPPORT AND GENERAL SUPPORT
MAINTENANCE REPAIR PARTS
AND
SPECIAL TOOLS LIST
FOR**

**TRUCK, PLATFORM UTILITY:
1/2 TON, 4x4,**

**M274A2 (2320-074-1167), M274A3
(2320-782-5792)**

**M274A4 (2320-782-5793), AND M274A5
(2320-930-1976)**

**HEADQUARTERS, DEPARTMENT OF THE ARMY
DECEMBER 1969**

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WARNING

CARBON MONOXIDE POISONING CAN BE DEADLY

CARBON MONOXIDE IS A COLORLESS, ODORLESS, DEADLY POISONOUS GAS WHICH, WHEN BREATHED, DEPRIVES THE BODY OF OXYGEN AND CAUSES SUFFOCATION. EXPOSURE TO AIR CONTAMINATED WITH CARBON MONOXIDE PRODUCES SYMPTOMS OF HEADACHE, DIZZINESS, LOSS OF MUSCULAR CONTROL, APPARENT DROWSINESS, COMA. PERMANENT BRAIN DAMAGE OR DEATH CAN RESULT FROM SEVERE EXPOSURE.

IT OCCURS IN THE EXHAUST FUMES OF FUEL-BURNING HEATERS AND INTERNAL-COMBUSTION ENGINES AND BECOMES DANGEROUSLY CONCENTRATED UNDER CONDITIONS OF INADEQUATE VENTILATION. THE FOLLOWING PRECAUTIONS MUST BE OBSERVED TO INSURE THE SAFETY OF PERSONNEL WHENEVER THE PERSONNEL HEATER, MAIN, OR AUXILIARY ENGINE OF ANY VEHICLE IS OPERATED FOR MAINTENANCE PURPOSES OR TACTICAL USE.

- 1. DO NOT operate heater or engine of vehicle in an enclosed area unless it is ADEQUATELY VENTILATED.**
- 2. DO NOT idle engine for long periods without maintaining ADEQUATE VENTILATION in personnel compartments.**
- 3. DO NOT drive any vehicle with inspection plates, cover plates, engine compartment doors removed unless necessary for maintenance purposes.**
- 4. BE ALERT at all times during vehicle operation for exhaust odors and exposure symptoms. If either are present, IMMEDIATELY VENTILATE personnel compartments. If symptoms persist, remove affected personnel from vehicle and treat as follows: expose to fresh air; keep warm; DO NOT PERMIT PHYSICAL EXERCISE; if necessary, administer artificial respiration.**

THE BEST DEFENSE AGAINST CARBON MONOXIDE POISONING IS ADEQUATE VENTILATION.

TECHNICAL MANUAL }
NO. TM 9-2320-246-34P }

HEADQUARTERS
DEPARTMENT OF THE ARMY
WASHINGTON, D.C. 20025—30 December 1969

DIRECT SUPPORT AND GENERAL SUPPORT REPAIR PARTS AND SPECIAL TOOLS LIST FOR TRUCK, PLATFORM UTILITY 1/2 TON, 4x4

M274A2 (2320-074-1167), M274A3 (2320-782-5792)

M274A4 (2320-782-5793), AND M274A5 (2320-930-1976)

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DIRECT SUPPORT AND GENERAL SUPPORT MAINTENANCE REPAIR PARTS AND SPECIAL TOOLS LIST

Section I. INTRODUCTION

1. Scope.

This manual is a list of repair parts and special tools required for the performance of Direct Support and General Support Maintenance of the Utility Platform Truck M274 series (fig 1).

2. General.

This repair parts and special tools list is divided into the following sections:

a. *Repair Parts List—Section II.* A list of repair parts authorized for the performance of maintenance at the direct support and general support level.

b. *Special Tools, Test and Support Equipment List—Section III.* A list of special tools, test and support equipment authorized for the performance of maintenance at the direct support, general support, and depot level.

c. *Federal Stock Number and Part Number Index—Section IV.* An index of Federal Stock Numbers to illustration figure and item numbers.

3. Explanation of Columns.

The following provides an explanation of columns in the tabular lists in sections II, III and IV:

a. Source, Maintenance, and Recoverability Codes, column 1, is as follows:

(1) Source Code, column 1a, indicates the selection status and source for the listed item. Source codes used are:

Code	Explanation
G	Applied to major assemblies which are procured with PEMA funds for initial issue only, and are used as exchange assemblies at direct and general support-maintenance level. These assemblies will not be stocked above general support-maintenance level or returned to depot-supply level.
M	Applied to repair parts which are not procured or stocked as separate supply items but are to be manufactured at the indicated maintenance levels. The lowest maintenance level authorized to manufacture the item will be entered in the second-digit position of the source code.
P	Applied to high-mortality repair parts which are procured by, stocked in, and supplied from the military supply system and which are not considered insurance-type items.

P2	Repair parts which are procured and stocked for insurance purposes because the combat or military essentiality of the end item, indicates that a minimum quantity be available in the supply system.
X1	Applied to repair parts which are not procured or stocked, the requirement for which will be filled by use of the next higher procured and stocked assembly or component.
X2	Applied to repair parts which are not procured or stocked, the requirements for which will be filled through cannibalization and salvage sources.

(2) Maintenance Code, column 1b, indicates the lowest category of maintenance authorized to install the listed item. The maintenance-level codes are:

Code	Explanation
O	Indicates organizational-maintenance level providing local end item repairs and return-to-service or on-site repair service.
F	Indicates direct support-maintenance level providing either local mobile or direct service unit fixed shop repair and return-to-user service.
H	Indicates general support-maintenance level providing mobile fixed shop repair and return-to-user or supply-stock service.
D	Indicates depot-maintenance level providing fixed shop repair, major facilities, and return-to-supply stock service.

(3) Recoverability Code, column 1c, indicates whether unserviceable items should be returned for recovery or salvage. Items not coded are expendable. Recoverability codes are:

Code	Explanation
R	Applied to repair parts and assemblies which are repaired at direct and general support-maintenance levels. These repair parts which are not economically repairable at depot level will be recovered at the direct and general support-maintenance levels and will be replaced from supply on an exchange basis.
T	Applied to high-dollar value repair parts which are subject to special handling and are most economically repaired, overhauled, or rebuilt at depot-maintenance level. These repair parts will be recovered at the depot-maintenance level and will be replaced from supply on an exchange basis.
U	Applied to repair parts specifically selected for salvage because of precious metal content, critical materials, high-dollar value, re-usable casing or casting material, etc.

Code**Explanation**

These repair parts will be recovered at the maintenance level prescribed by the commodity command.

b. Federal Stock Number, column 2, indicates the Federal stock number for the item.

c. Description, column 3, indicates the Federal item name and a brief description of the item. The abbreviation "w/e," when used as a part of the nomenclature, indicates that the Federal stock number includes all armament, equipment, accessories, and repair parts issued with the item. A five-digit manufacturer's or other service code and part number is included in parentheses for reference. Repair parts quantities included in kits, sets, and assemblies are shown in front of the repair part name.

d. Unit of Issue, column 4, indicates the unit used as a basis of issue, e.g., ea, pr, ft, yd, etc.

e. Quantity Incorporated in Unit Pack, column 5, indicates the actual quantity contained in the unit pack.

f. Quantity Incorporated in Unit, column 6, indicates the quantity of repair parts in an assembly.

g. 30-Day DS/GS Maintenance Allowances, column 7, are as follows:

(1) The allowance columns are divided into three subcolumns. Indicated in each subcolumn opposite the first appearance of each item is the total quantity of items authorized for the number of equipment supported. Subsequent appearances of the same item will have no entry in the allowance column but have a reference in the description column, to the first appearance of the item. Items authorized for use as required but not for initial stockage are identified with an asterisk in the allowance column.

(2) The quantitative allowance for DS/GS levels of maintenance will represent initial stockage for a 30-day period for the number of equipments supported.

h. 1-Year Allowances Per 100 Equipments/Contingency Planning Purposes, column 8, indicates opposite the first appearance of each item the total quantity required for distribution and contingency-planning purposes. The range of items indicates total quantities of all authorized items required to provide for adequate support of 100 equipments for one year

i. Illustration, column 10, is divided as follows:

(1) Figure Number, column 10a, indicates the figure number of the illustration in which the item is shown.

(2) Item or Symbol Number, column 10b, indicates the callout number used to reference the item in the illustration.

4. Special Information.

The following publications pertain to the M274 series vehicles and their components.

TM 5-2805-213-14 Operator, Organizational, DS and GS Maintenance Manual—Gasoline Engine

TM 5-2805-213-24P Organizational, DS and GS Maintenance Repair Parts and Special Tools — Gasoline Engine

TM 9-2320-246-10 Operator's Manual

LO 9-2320-246-12 Lubrication Order

TM 9-2320-246-20 Organizational Manual

TM 9-2320-246-20P Organizational Parts and Special Tools Manual

TM 9-2320-246-34 Direct and General Support Repair Manual

TM 9-2320-246-ESCEquipment Serviceability Criteria

5. How To Locate Repair Parts.

a. When Federal Stock number is unknown:

(1) *First.* Using the table of contents, determine the functional group or subgroup, i.e., engine assembly, front or rear axle assembly, within which the repair part belongs. This is necessary because separate illustrations are prepared for functional groups or subgroups, and listings are divided into functional groups.

(2) *Second.* Find the repair part illustration in the back of the publication covering the functional group or subgroup to which the repair part belongs.

Note. Do not bypass this part of the procedure. Positive identification of the repair part is required.

(3) *Third.* Identify the repair part on the illustration and note the illustration figure and item number of the repair part.

(4) *Fourth.* Using the repair parts listing, find the functional group or subgroup of the repair part and the illustration figure and item number as noted on the illustration.

b. When Federal stock number is known:

(1) *First.* Using the Index of Federal Stock Numbers to illustration figure and item number, find the FSN. This index is arranged in FSN sequence cross-referenced to illustrate figure and item number.

(2) *Second.* Using the repair part listing, find the functional group or subgroup of the repair part and the illustration figure and item number as noted in the Index of Federal Stock Numbers.

6. Abbreviations and Symbols.

a. Abbreviations.

Abbreviations	Explanation
approx	approximate(ly)
assy	assembly(ies)
cross-recess fil-hd	cross-recess fillister head
cross-recess oval-hd	cross-recess oval head
cross-recess pan-hd	cross-recess panhead
dia	diameter
ea	each
ext-teeth	external teeth (lockwasher)
fig	figure(s)
ft	foot (feet)
h	high
hd	head
hex	hexagon(al)
hex-hd	hexagon head
hex socket	hexagon socket
id	inside diameter
in.	inch(es)
int-teeth	internal teeth
lb	pound(s)
lg	length (long)

lh left hand
 max maximum
 min miniature, minimum, minute
 nom nominal
 od olive drab, outside diameter (dimension)

b. Symbols.

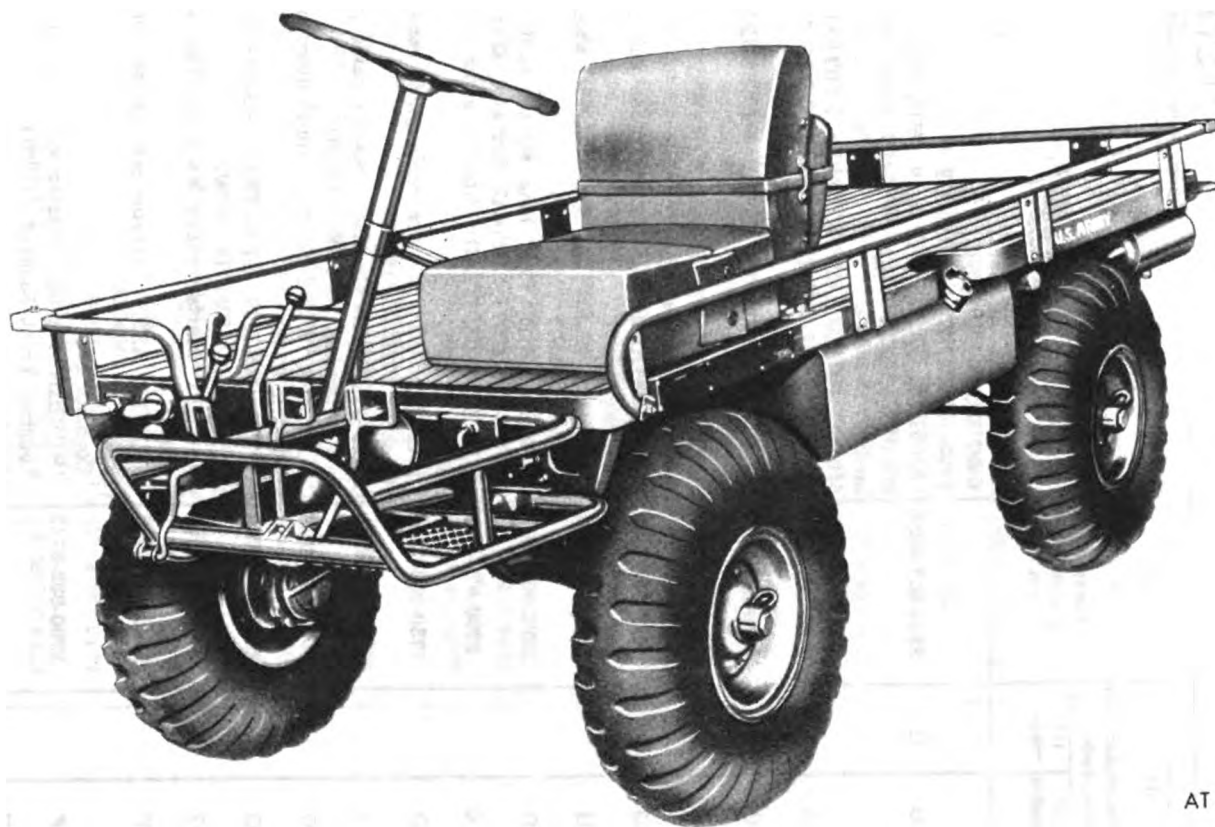
Symbols	Explanation
✓	as required

7. Federal Supply Codes.

Federal Supply Codes	Manufacturers
19207	U.S. Army Tank-Automotive Command
21450	Ordnance Standard
88044	Aeronautical Standards Group, Depts. of the Navy and the Air Force
96906	Military Standard

8. Reporting of Equipment Publication Improvements.

Report of errors, omissions, and recommendations for improving this publication by the individual user is encouraged. Reports should be submitted on DA Form 2028 and forwarded direct to: Commanding General, US Army Tank-Automotive Command, ATTN: AMSTA-M(NMP), Warren, Michigan 48090.



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Figure 1. M274 series vehicle—left front view.

SECTION II

Repair parts for direct and general support

(1) Source, maint. and recov. code			(2) Federal stock No.	(3) Description	(4) Unit inc in pack	(5) Qty inc in unit	(6) 30-day DS maint allowance			(7) 30-day GS maint allowance			(8) 1-yr. alw. per 100 equip. cntgy. planning	(9)	(10)	(11) Illustration	
(a) Source	(b) maint.	(c) recov.					(a) 1-20	(b) 21-50	(c) 51-100	(a) 1-20	(b) 21-50	(c) 51-100				(a) Figure No.	(b) Item or No. sym.
P	O	R	2805-017-8680	GROUP 01—ENGINE 0100—ENGINE ASSEMBLY ENGINE, GASOLINE: assy (MIL STD MODEL A042-14-HP) 10919400 (used on all models)	EA	1	*	*	2	*	*	2	6			2	1
P	O		2805-073-3065	0106—ENGINE LUBRICATION SYSTEM GASKET, OIL FILTER SHELL ERJA 203 (88405)	EA	1	2	4	6	2	4	6	75				
P	O		2940-580-6302	FILTER ELEMENT, FLUID PRESSURE MS35802 (96906)	EA	1	2	4	6	2	4	6	75				
P	O		5306-536-2808	0107—ENGINE-STARTING SYSTEM (other than electrical) BOLT, SHOULDER: starter cable pulley, attaching 8336125 (19207)	EA	1	*	*	2	*	*	2	10			3	30
P	O		2990-678-4655	BUSHING, SLEEVE: long, starter cable stop 7045715 (19207) (M274A3)	EA	1	*	*	2	*	*	2	10			3	11
P	O		2990-955-2011	BUSHING, SLEEVE: long starter cable stop 7045715-2 (19207) (M274A2, M274A4, M274A5)	EA	1	*	*	2	*	*	2	10			3	11
P	O		2990-678-4653	CABLE, ADJUSTING: starter cable stop 7045660 (19207)	EA	1	*	*	2	*	*	2	8			3	5
P	O		4730-999-1305	CLAMP, HOSE: starter cable guide rear seal attaching 8716926 (19207)	EA	2	*	*	2	*	*	2	10			3	15
P	O		2990-832-6751	CLIP, STARTER CABLE: starter cable guide plate retaining 10941199 (19207)	EA	1	*	*	*	*	*	*	5			3	10
P	O		4030-698-6944	COUPLING, WIRE ROPE: quick-disconnect 7966837 (19207)	EA	1	*	*	2	*	*	2	12			3	17
P	O		2990-832-6752	COVER, ACCESS, STARTER: starter cable pulley housing 8336115 (19207)	EA	1	*	*	*	*	*	*	5			3	3
P	O		2990-536-2794	GASKET: starter pulley housing 8336114 (19207)	EA	1	*	2	2	*	2	2	12			3	4
P	F		2990-999-1282	HOUSING ASSY: starter cable pulley 10941139 (19207)	EA	1	*	*	*	*	*	*	5			3	20
P	F		2990-832-6749	Consists of: BUSHING: guide, starter cable pulley housing, front 8336112 (19207)	EA	1	*	*	*	*	*	*	5			3	21
X1	F			GUIDE: starter cable, pulley housing, side 10941140 (19207)	EA	1										3	24

X1	F		EA	1								3	23
P	O	4730-082-5965	HOUSING: starter cable pulley 10941138 (19207)	EA	1	*	*	2	*	*	2	3	22
P	O	5310-834-8732	PLUG, PIPE: starter cable pulley housing drain MS49005-2 (96906)	EA	1	*	*	2	*	*	2	3	22
P	O	5310-761-6882	NUT, JAM: starter cable stop tube locking MS35691-33 (96906)	EA	1	*	*	2	*	*	2	3	6
P	O	5310-761-6882	NUT, PLAIN, HEXAGON: starter cable guide tube clip attaching MS51967-2 (96906)	EA	2	*	*	2	*	*	2	3	8
P	F	2990-571-6880	PULLEY, GROOVED: w/bearing assy 8336110 (19207)	EA	1	*	*	2	*	*	2	3	26
P	F	2990-571-6979	Consists of: BEARING, SLEEVE: starter cable pulley assy 8687088 (19207)	EA	1	*	*	2	*	*	2	3	23
X1	F	5305-068-5009	PULLEY: starter cable 8336109 (19207)	EA	1	*	*	2	*	*	2	3	27
P	O	5305-068-5009	SCREW, CAP, HEXAGON HEAD: starter cable pulley housing cover attaching MS90725-3 (96906)	EA	4	*	*	2	*	*	2	3	1
P	O	5305-225-3839	SCREW, CAP, HEXAGON HEAD: starter cable guide tube clip attaching MS90725-8 (96906)	EA	2	*	*	2	*	*	2	3	13
P	O	5305-269-2808	SCREW, CAP, HEXAGON HEAD: starter cable pulley housing assy attaching MS90726-65 (96906) (M274A3)	EA	1	*	*	2	*	*	2	3	18
P	O	5305-710-4194	SCREW, CAP, HEXAGON HEAD: starter cable pulley housing assy attaching MS90726-89 (96906) M274A2, M274A4, M274A5	EA	1	*	*	2	*	*	2	3	18
P	O	2990-590-2450	SPACER, SLEEVE: short, starter cable stop 7045715-1 (19207) (M274A2, M274A4, M274A5)	EA	1	*	*	2	*	*	2	3	12
M	F		TUBE: starter cable guide 10941124 (19207) fabricate from 58.09 in. of tube spec QQ-T-700/4	EA	1	*	*					3	14
P	F	4710-277-3627	TUBE, ALUMINUM: used to fabricate tube 10941124 (19207)	EA									
P	F	4720-763-6297	TUBING, RUBBER: starter cable guide tube 10941198 (19207), fabricate from rubber spec MIL-R-3065 grade N	EA	1							3	16
P	O	5310-809-4058	WASHER, FLAT: starter cable guide tube clip MS27183-10 (96906) (M274A3)	EA	2	*	*	2	*	*	2	3	9
P	O	5310-546-8200	WASHER, FLAT: starter cable pulley spacer 8014969 (19207)	EA	1	*	*	2	*	*	2	3	25
P	O	5310-543-2862	WASHER, FLAT: starter cable pulley spacer 8687087 (19207)	EA	1	*	*	2	*	*	2	3	29
P	O	5310-809-4058	WASHER, FLAT, ROUND: to attach fairlead starter MS27183-10 (96906)	EA	2	*	*	2	*	*	2	3	9

Repair parts for direct and general support															
(1) Source, maint. and recov. code			(2) Federal stock No.	(3) Description	(4) Unit of meas	(5) Qty inc in unit pack	(7) 30-day DS maint allowance			(8) 30-day GS maint allowance		(9) 1-yr. alw. per 100 equip. cntgy. planning	(10)	(11) Illustration	
(a) Source	(b) Maint.	(c) Recov.					(a) 1-20	(b) 21-50	(c) 51-100	(a) 1-20	(b) 21-50			(c) 51-100	(a) Figure No.
P	O		5310-582-5965	0107—ENGINE-STARTING SYSTEM (other than electrical)—Continued WASHER, LOCK: four (4) required for starter cable pulley housing cover screw retaining; two (2) required to attach starter cable guide tube clip MS35338-44 (96906)	EA	6	*	*	2	*	*	2	10	3	2
P	O		5310-209-0965	WASHER, LOCK: to retain starter cable pulley housing assy screw MS35338-47 (96906)	EA	1	*	*	2	*	*	2	10	3	19
P	O		2990-678-4664	BOOT, DUST AND MOISTURE SEAL: starter cable guide tube, front 7045655 (19207)	EA	1	*	2	2	*	2	2	12	4	3
P	O		2990-996-3812	HANDLE ASSY, STARTER: starter cable 8744099 (19207)	EA	1	*	*	2	*	*	2	10	4	8
P	O		5310-088-1251	NUT, SELF-LOCKING: retaining screw attach- ing starter cable guide tube MS51922-1 (96906)	EA	2	*	*	2	*	*	2	10	4	4
P	O		2510-999-1302	PLATE, STARTER CABLE: starter cable— to retain pull starter handle 8336124 (19207)	EA	1	*	*	*	*	*	*	5	4	6
P	O		5305-958-5482	SCREW, MACHINE: attaching starter cable guide tube MS35190-295 (96906)	EA	2	*	*	2	*	*	2	10	4	1
P	O		5305-957-6766	SCREW, MACHINE: flatheaded, to attach pull starter cable handle MS35190-252 (96906)	EA	2	*	*	2	*	*	2	10	4	5
P	O		2990-678-4662	STARTER CABLE GUIDE: starter cable fairlead 7045713 (19207)	EA	1	*	*	2	*	*	2	10	4	2
P	O		2590-033-7760	WIRE ROPE ASSEMBLY: pull starter 10941160 (19207)	EA	1	1	2	2	1	2	2	6	4	7

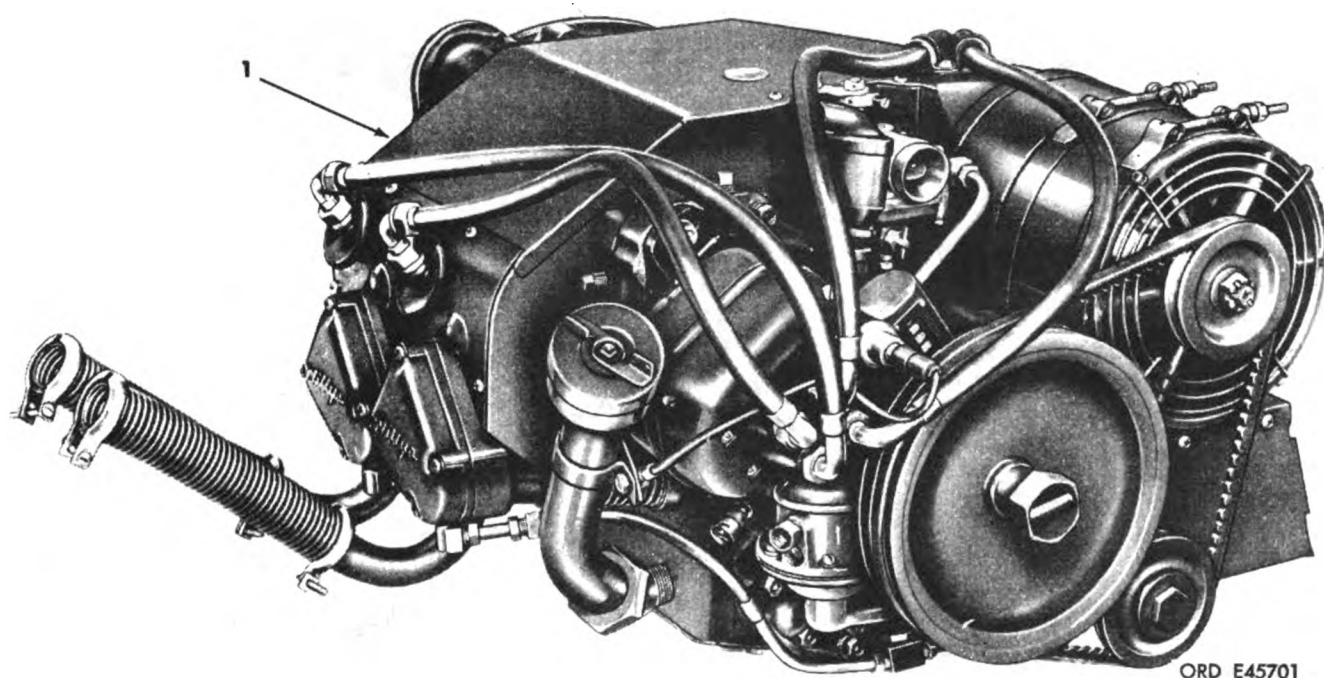


Figure 2. Engine assembly.

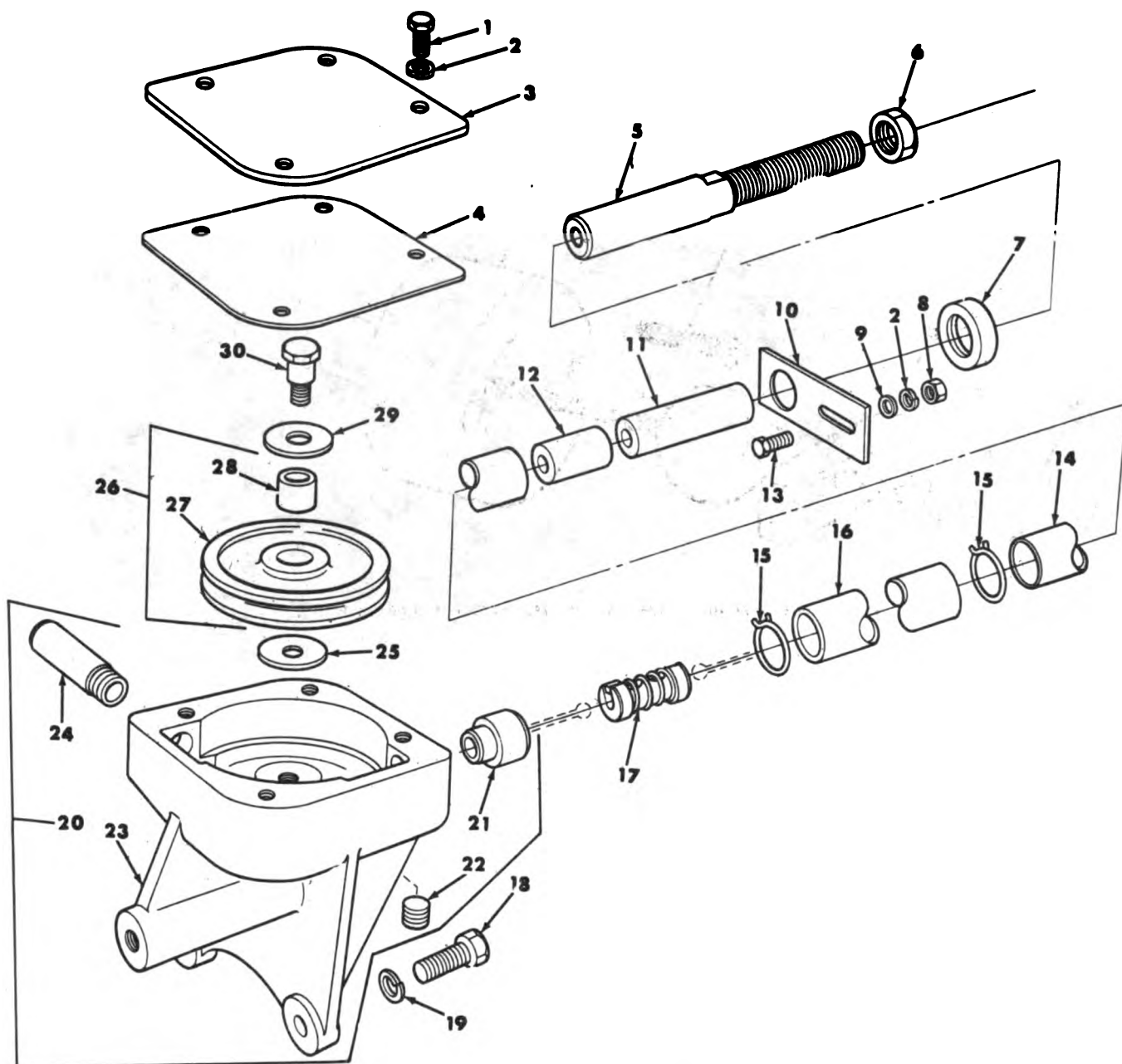
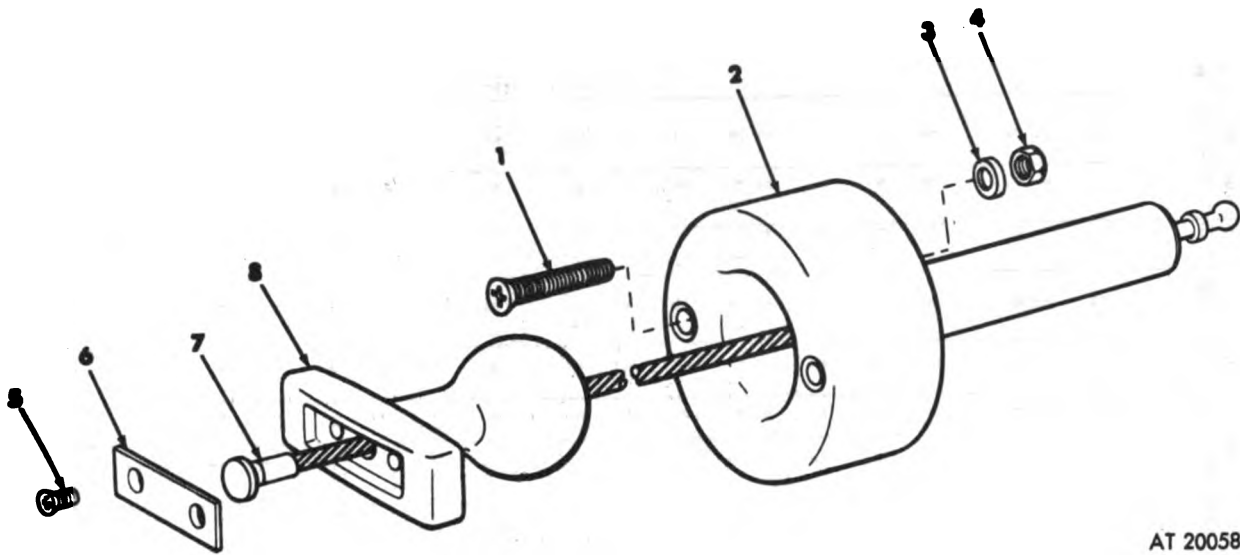


Figure 3. Starter cable pulley and related parts—exploded view.

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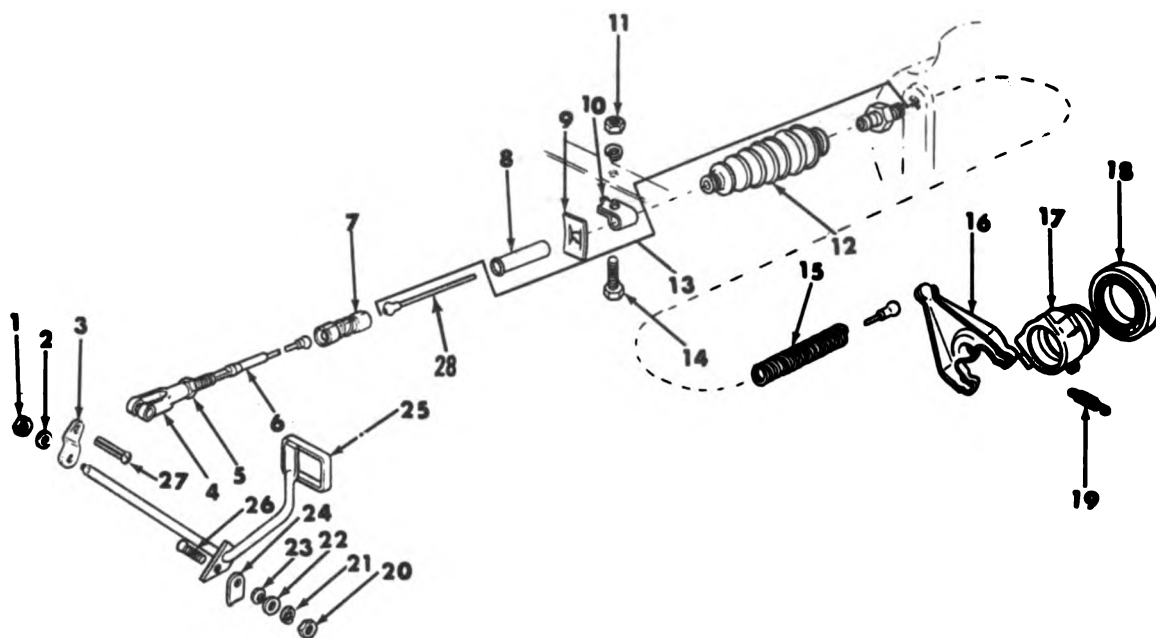
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Figure 4. Starter cable, handle, rope and related parts—exploded view.

Repair parts for direct and general support

Repair parts for direct and general support																
(1)			(2)	(3)	(4)	(5)	(6)	(7)			(8)			(9)	(10)	(11)
Source, maint. and recov. code			Federal stock No.	Description	Unit of meas.	Qty inc in unit pack	Qty inc in unit	30-day DS maint allowance			30-day GS maint allowance			1-yr. alw. per 100 equip. cntgty. planning		Illustration (a) (b) Figure Item No. or sym. No.
(a)	(b)	(c)						(a)	(b)	(c)	(a)	(b)	(c)			
Source Maint Recov.								1-20	21-50	51-100	1-20	21-50	51-100			
GROUP 02—CLUTCH 0202—CLUTCH RELEASE MECHANISM																
P	O		3110-157-1902	BEARING, BALL, ANNULAR: clutch release 700988 (21450)	EA		1	*	2	2	*	2	2	12	5	18
P	O		5306-832-6811	BOLT: clutch pedal, lock 11591980 (19207)	EA		1	*	*	2	*	*	2	10	5	26
P	O		2590-697-4423	CABLE CLUTCH CONTROL: clutch control, rear section 7966934 (19207)	EA		1	*	2	2	*	2	2	12	5	13
Consists of:																
P	O		2520-632-4057	BELLOWS, RUBBER: rear cable 7044900 (19207)	EA		1	*	2	2	*	2	2	15	5	12
P	F		2520-508-2288	CARRIER: clutch release bearing 8336040 (M274A3)	EA		1	*	*	*	*	*	*	5	5	17
P	F		2520-996-3780	CARRIER: clutch release bearing 8336040-1 (19207) (all models except M274A3)	EA		1	*	*	*	*	*	*	5	5	17
P	O		2590-756-2711	CABLE ASSY: clutch 7049674 (19207)	EA		1	*	2	2	*	2	2	12	5	28
P	O		5340-282-7519	CLAMP, LOOP, STEEL: clutch control rear section cable MS21333-34 (96906)	EA		1	*	*	2	*	*	2	10	5	10
P	O		4030-698-3241	COUPLING, WIRE ROPE, QUICK-DISCON- NECT: starter cable 7966855 (19207)	EA		1	*	2	2	*	2	2	12	5	7
P	O		2520-698-6906	LEVER, CLUTCH PEDAL: clutch pedal 7966615 (19207)	EA		1	*	*	*	*	*	*	5	5	3
P	O		2520-587-1407	LINKAGE, FLEXIBLE: clutch, front 7055672 (19207)	EA		1	*	2	2	*	2	2	12	5	6
Consists of:																
P	O		5340-865-9496	CLEVIS, ROD END: front clutch cable assy MS35812-2 (96906)	EA		1	*	*	2	*	*	2	10	5	4
P	O		5310-768-0319	NUT, PLAIN, HEXAGON: clutch cable, locking MS51968-2 (96906)	EA		1	*	*	2	*	*	2	10	5	5
P	O		2520-986-2268	LOCK, LEVER, CLUTCH: clutch, pedal 11591984 (19207)	EA		1	*	*	*	*	*	*	5	5	24
P	O		5310-761-6862	NUT, PLAIN, HEXAGON: clutch control rear section cable MS51967-2 (96906)	EA		1	*	*	2	*	*	2	10	5	11
P	O		5310-768-0319	NUT, PLAIN, HEXAGON: clutch pedal MS51968-2 (96906)	EA		1	*	*	2	*	*	2	10	5	20
P	O		5310-984-3907	NUT, SELF-LOCKING HEXAGON: clutch pedal lever MS51922-13 (96906)	EA		1	*	*	2	*	*	2	10	5	1
P	O		2520-508-2321	PEDAL, CLUTCH: clutch 7966613 (19207)	EA		1	*	*	*	*	*	*	5	5	25
P	O		5315-848-1636	PIN, SPRING: clutch control front section cable MS9048-226 (96906) (all models except M274A3)	EA		1	*	*	2	*	*	2	10	5	27

P	O	5315-561-9136	PIN, SPRING: 7380079 (19207) (M274A3 only)	EA	1	*	*	2	*	*	2	10	5	27
P	O	5310-562-8655	PUSH-ON NUT GUIDE: clutch cable 7380081 (19207)	EA	1	*	*	2	*	*	2		5	9
P	O	5305-988-1724	SCREW, MACHINE: clutch control rear section cable MS35206-280 (96906)	EA	1	*	*	2	*	*	2	10	5	14
P	O	2520-697-4326	SPRING, HELICAL, COMPRESSION: clutch control cable, rear 7966853 (19207)	EA	1	*	*	2	*	*	2	10	5	15
P	F	2520-368-2630	SPRING, HELICAL, EXTENSION: bearing carrier return 7371366 (19207)	EA	1	*	*	2	*	*	2	10	5	19
P	O	2530-933-1090	TUBE, METAL: clutch control cable guide 8336068 (19207)	EA	1	*	*	*	*	*	*	5	5	8
P	O	5310-809-4058	WASHER, FLAT: clutch pedal MS27183-10 (96906)	EA	1	*	*	2	*	*	2	10	5	22
P	O	5310-081-4219	WASHER, FLAT: clutch pedal lever MS27183-12 (96906)	EA	1	*	*	2	*	*	2	10	5	2
P	O	5310-582-5965	WASHER, LOCK: clutch control rear section (1), clutch pedal (1), cable clamp MS35338-44 (96906)	EA	2	*	*	2	*	*	2	10	5	21
P	O	5310-550-1459	WASHER, SPRING, TENSION: clutch pedal 8329984 (19207)	EA	1	*	*	*	*	*	*	5	5	23
P	O	2520-508-2357	YOKE, RELEASE, CLUTCH: clutch control 8336041 (19207)	EA	1	*	*	*	*	*	*	5	5	16



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Figure 5. Clutch pedal linkage and related parts—exploded view.

Repair parts for direct and general support																			
(1)			(2)	(3)	(4)	(5)	(6)			(7)			(8)			(9)	(10)	(11)	
Source	Source, maint. and recov. code		Federal stock No.	Description	Unit of meas	Qty inc in unit pack	30-day DS maint allowance			30-day GS maint allowance			1-yr. alw. per 100 equip. cntgcy. planning			Illustration			
	(a)	(b)					(c)	(a)	(b)	(c)	(a)	(b)				(c)	(a)	(b)	
				GROUP 03—FUEL SYSTEM															
				0304—AIR CLEANER															
P	O	2940-999-1285	AIR CLEANER ASSY: 10941161 (19207)	EA	1	*	*	2	*	*	2	*	*	2	8		6	1	
P	O	4730-702-2750	CLAMP, HOSE: type F, to attach air cleaner inlet hose MS35842-8 (96906)	EA	2	*	*	2	*	*	2	*	*	2	10		6	16	
X1	O		COVER ASSY, AIR CLEANER: 11588665 (19207)	EA	1											6	2		
P	O	4730-231-3904	ELBOW, PIPE: crankcase vent line air cleaner inlet AN915-2 (88044)	EA	1	*	*	2	*	*	2	*	*	2	10		6	6	
P	O	4730-999-5437	ELBOW, PIPE TO TUBE: magneto vent line air cleaner MS39171-1 (96906)	EA	1	*	*	2	*	*	2	*	*	2	10		6	9	
X1	O		ELEMENT, FILTER: air cleaner 11588666 (19207)	EA	1											6	4		
X1	O		GASKET, SEAL: air cleaner assy 11588664 (19207)	EA	1											6	5		
P	O	2940-923-4246	HOSE, RUBBER: air cleaner inlet 10941162 (19207)	EA	1	*	*	2	*	*	2	*	*	2	10		6	17	
X1	O		HOUSING, AIR CLEANER: 11588667 (19207)	EA	1											6	8		
P	O	5310-982-4912	NUT, SELF-LOCKING, HEX: to attach air cleaner MS21045-5 (96906)	EA	2	*	*	2	*	*	2	*	*	2	10		6	15	
P	O	4730-067-9801	NUT, TUBE COUPLING: magneto vent line air cleaner inlet tube MS39176-1 (96906)	EA	1	*	*	2	*	*	2	*	*	2	10		6	11	
P	O	2940-955-2008	PARTS KIT, AIR CLEANER: air cleaner 11592061 (19207)	EA	1	8	15	26	8	15	26	200				6	3		
P	O	5305-059-7084	SCREW, MACHINE: to attach air cleaner MS35193-89 (96906)	EA	2	*	*	2	*	*	2	*	*	2	10		6	12	
P	O	2590-679-3165	SHIM: air cleaner assy 8336091 (19207)	EA	2	*	*	2	*	*	2	*	*	2	10		6	13	
X1	O		SIGN, AIR CLEANER: 11588663 (19207)	EA	2											6	7		
P	O	4730-089-0980	SLEEVE, COMPRESSION: magneto vent line air cleaner inlet tube MS39177-1 (96906)	EA	1	*	*	2	*	*	2	*	*	2	10		6	10	
P	O	5310-081-4219	WASHER, FLAT: to attach air cleaner MS27183-12 (96906)	EA	2	*	*	2	*	*	2	*	*	2	10		6	14	
P	O	4730-360-8282	CLAMP, HOSE: precleaner to tube 7048040 (19207)	EA	1	*	*	2	*	*	2	*	*	2	10		57	12	
P	O	2940-912-4032	PRECLEANER: engine carburetor 8336344 (19207)	EA	1	*	*	2	*	*	2	*	*	2	12		57	2	
P	O	2940-698-2884	TUBE ASSY: precleaner to tube 7966930 (19207)	EA	1	*	*	2	*	*	2	*	*	2	10		57	13	

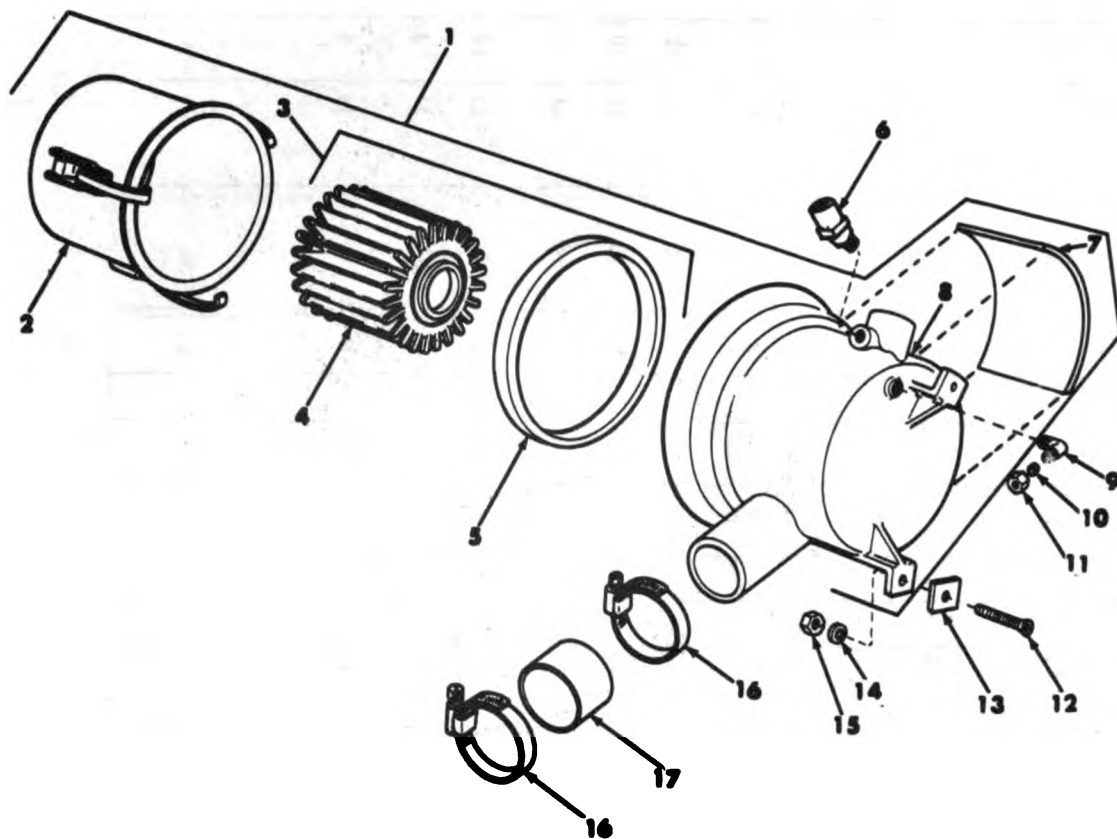
9306—FUEL TANKS, LINES, FITTINGS, HEADERS											
P	O		EA	1	*	*	*	*	*	*	4
2910-832-6745	O	BRACKET, ANGLE: fuel line tube 7049693 (19207)	EA	1	*	*	*	*	*	*	7
5340-738-4942	O	CLAMP: engine fuel line tube 7884942 (19207) (M274A2, M274A4, M274A5)	EA	2	*	*	*	*	*	*	10
5340-282-7544	O	CLAMP, LOOP: fuel lines to bed MS21333-35	EA	1	*	*	*	*	*	*	7
5310-012-0361	O	NUT, PLAIN, HEXAGON: fuel line tube support bracket MS35649-102 (96906)	EA	2	*	*	*	*	*	*	7
5310-761-6882	O	NUT, PLAIN, HEXAGON: union to shutoff cock fuel line tube MS51967-2 (96906) (M274A3)	EA	2	*	*	*	*	*	*	12
5310-959-7600	O	NUT, SELF-LOCKING: engine fuel line inlet tube clamp MS51922-5 (96906) (M274A2, M274A4, M274A5)	EA	1	*	*	*	*	*	*	7
5305-068-0501	O	SCREW, CAP, HEXAGON HEAD: union to shutoff cock fuel line tube MS90725-5 (96906) (M274A3)	EA	2	*	*	*	*	*	*	9
5305-984-6210	O	SCREW, MACHINE: fuel line tube support bracket MS35206-263 (96906)	EA	2	*	*	*	*	*	*	7
5305-993-2463	O	SCREW, MACHINE: fuel line inlet tube clamp MS35207-279 (96906) (M274A2, M274A4, M274A5)	EA	2	*	*	*	*	*	*	7
2910-999-1281	O	TUBE ASSEMBLY, METAL: fuel return line 1092936 (19207)	EA	1	*	*	*	*	*	*	7
2910-933-1088	O	TUBE ASSEMBLY, METAL: fuel filter inlet 10941172 (19207)	EA	1	*	*	*	*	*	*	7
2510-999-1296	O	TUBE ASSEMBLY: engine inlet fuel tank to union 7049689 (19207)	EA	1	*	*	*	*	*	*	7
4730-238-8257	O	UNION, BRASS: fuel line engine inlet tube 187414 (21450)	EA	1	*	*	*	*	*	*	7
4730-916-2270	O	COUPLING, TUBE: fuel return line 187411 (21450) (M274A2, M274A4, M274A5)	EA	1	*	*	*	*	*	*	7
5310-045-3296	O	WASHER, LOCK: fuel line support bracket MS35338-43 (96906)	EA	2	*	*	*	*	*	*	7
5310-532-5965	O	WASHER, LOCK: union to shutoff cock fuel line tube 35338-44 (96906) (M274A3)	EA	2	*	*	*	*	*	*	7
5310-532-5965	O	WASHER, LOCK: fuel line tube retaining clip MS35338-44 (96906)	EA	1	*	*	*	*	*	*	7
5305-832-6778	O	BOLT: gas tank filter element retainer plate 7351317 (19207)	EA	1	*	*	*	*	*	*	8
2910-832-6747	O	CAP AND LEVEL INDICATOR: fuel tank cap 8744123 (19207) (M274A2, M274A4, M274A5)	EA	1	*	*	*	*	*	*	8
2910-698-2209	O	CAP AND LEVEL INDICATOR: fuel tank cap 7966575 (19207) (M274A3)	EA	1	*	*	*	*	*	*	8
2910-697-4819	O	GASKET: filter assy 7966662 (19207)	EA	1	*	*	*	*	*	*	8
5310-012-0361	O	NUT, PLAIN, HEXAGON: gas tank filter element retainer plate MS35649-102 (96906)	EA	3	*	*	*	*	*	*	8

Repair parts for direct and general support

Repair parts for direct and general support																	
(1) Source, maint. and recov. code			(2) Federal stock No.	(3) Description	(4) Unit of meas.	(5) Qty inc in unit pack	(6) 30-day DS maint allowance			(7) 30-day GS maint allowance			(8) 1-yr. alw. per 100 equip. cntgcy. planning	(9)	(10)	(11) Illustration	
(a) Source	(b) maint.	(c) recov.					(a) 1-20	(b) 21-50	(c) 51-100	(a) 1-20	(b) 21-50	(c) 51-100				(a) Figure No.	(b) Item or sym. No.
0306—FUEL TANKS, LINES, FITTINGS.																	
HEADERS—Continued																	
P	O		5310-087-4652	NUT, SELF-LOCKING, HEXAGON: gas tank assy MS51922-17 (96906)	EA	4	*	*	2	*	*	2	10		8	17	
P	O		4730-012-7951	PLUG, PIPE: fuel tank drain 127951 (21450)	EA	1	*	*	*	*	*	*	5		8	18	
P	O		5305-059-7901	SCREW, MACHINE: filter assy MS35208-40 (96906)	EA	8	*	*	2	*	*	2	10		8	4	
P	O		5305-019-2444	SCREW: gas tank assy 192444 (21450)	EA	4	*	*	2	*	*	2	10		8	14	
P	O		2590-679-3165	SHIM: gasoline tank assy 8336091 (19207)	EA	4	*	*	2	*	*	2	10		8	15	
P	O		2910-920-7579	TANK, FUEL: engine gasoline 7966577-1 (19207) (M274A2, M274A4, M274A5)	EA	1	*	*	2	*	*	2	8		8	2	
P	O		2910-698-2281	TANK, FUEL: engine gasoline 7966577 (19207) (M274A3)	EA	1	*	*	2	*	*	2	8		8	2	
P	O		2910-832-6746	TANK, FUEL, ENGINE: gasoline, less fittings 8336101 (19207)	EA	1	*	*	*	*	*	*	2		8	13	
P	O		5310-080-6004	WASHER, FLAT: gas tank assy MS27183-14 (96906)	EA	4	*	*	2	*	*	2	10		8	16	
P	O		5310-045-3296	WASHER, LOCK: gas tank filter element retainer plate MS35338-43 (96906)	EA	3	*	*	2	*	*	2	10		8	7	
P	O		5310-013-8530	WASHER, LOCK: filter assy MS35333-21 (96906)	EA	8	*	*	2	*	*	2	10		8	5	
0309—FUEL FILTERS, STRAINERS																	
P	O		2910-996-7262	FILTER, FLUID, PRESSURE: fuel tank 11592072 (19207)	EA	1	*	*	2	*	*	2	10		8	3	
X1	O			PLATE: retainer gas tank filter 8686940 (19207) (M274A2, M274A4, M274A5)	EA	1									8	10	
P	O		2910-073-2115	FILTER: assembly, fuel 7044864 (19207)	EA	1	2	4	6	2	4	6	75		8	8	
X1	O			PLATE AND TUBE ASSEMBLY: filter assy gas tank 11592068 (19207) (M274A2, M274A4, M274A5)	EA	1											
P	O		2910-955-2010	STRAINER ELEMENT, SEDIMENT: fuel tank 10946842 (19207)	EA	1	*	2	2	*	2	2	10		8	9	
0312—ACCELERATOR, THROTTLE OR CHOKE CONTROLS																	
P	O		2540-606-9479	BUSHING, SLEEVE: cable accelerator control rear section 7049712 (19207)	EA	1	*	*	2	*	*	2	10		9	17	
P	O		2910-587-1429	PUSHING: accelerator control front section 8336159 (19207)	EA	2	*	*	2	*	*	2	10		9	12	

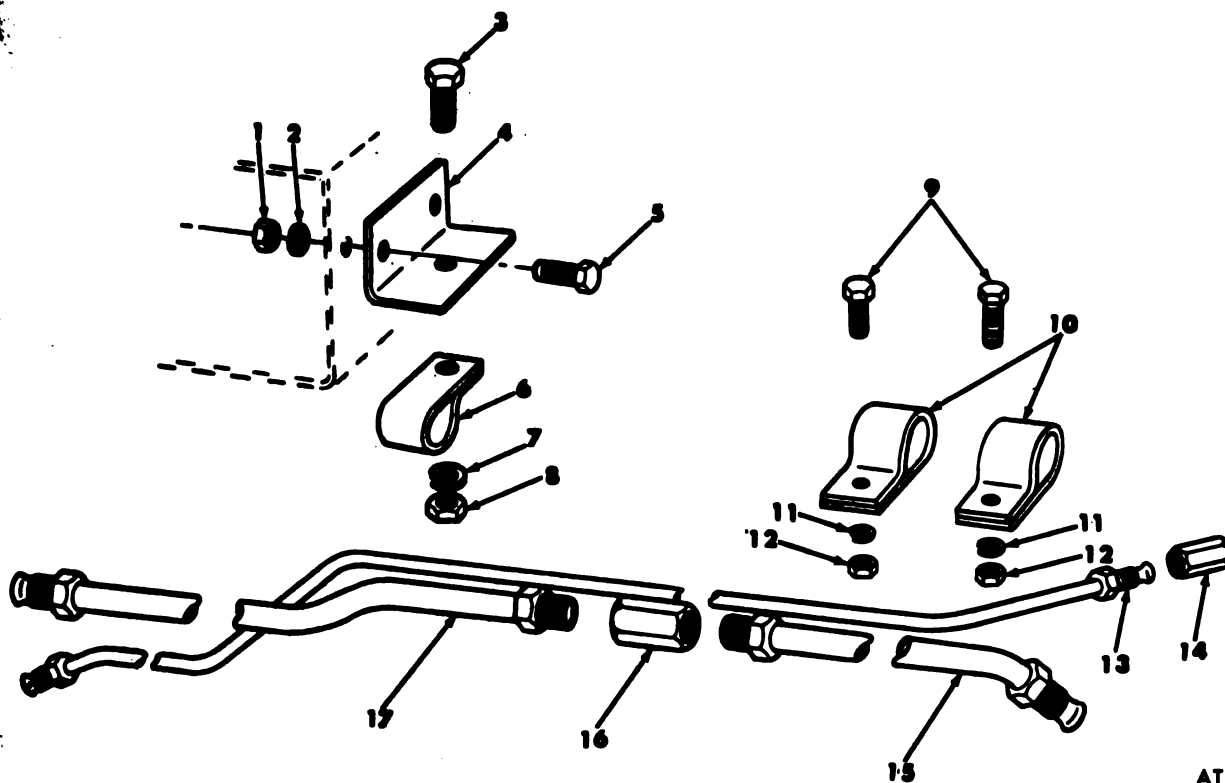
Repair parts for direct and general support																
(1)			(2)	(3)	(4)	(5)	(6)	(7)			(8)	(9)	(10)	(11)		
Source, maint. and recov. code			Federal stock No.	Description	Unit of meas	Qty inc in unit pack	Qty inc in unit	30-day DS maint allowance			30-day GS maint allowance			1-yr. alw. per 100 equip. cntgy. planning	Illustration	
(a)	(b)	(c)						(a)	(b)	(c)	(a)	(b)	(c)			
Source	Maint.	Recov.						1-20	21-50	51-100	1-20	21-50	51-100		Figure No.	Item or sym. No.
0312—ACCELERATOR, THROTTLE, OR CHOKE CONTROLS—Continued																
P	O		5315-754-0848	PIN: to attach throttle return spring to link MS35810-33 (96906) (M274A3)	EA	1	1	*	*	2	*	*	2	10	10	15
P	O		5305-059-7931	SCREW, machine, to attach rear clip to frame MS35208-70 (96906) (M274A3)	EA	1	1	*	*	2	*	*	2	10	10	9
P	O		5305-068-0523	SCREW, TAPPING: to attach accelerator control cable front section MS24621-42 (96906) (M274A3)	EA	4	4	*	*	2	*	*	2	10	10	3
P	O		2540-697-3854	SPRING: control cable, accelerator return 7966651 (19207) (M274A3)	EA	1	1	*	*	*	*	*	*	5	10	14
P	O		2540-606-9478	SPRING: throttle stop 7049713 (19207) (M274A3)	EA	2	2	*	*	*	*	*	*	5	10	12
P	O		2540-737-1193	STOP: throttle cable 7371193 (19207) (M274A3)	EA	2	2	*	*	*	*	*	*	5	10	11
P	O		5310-080-6004	WASHER, FLAT: to attach accelerator pedal and hand throttle lever MS27183-14 (96906) (M274A3)	EA	2	2	*	*	2	*	*	2	10	10	1
P	O		5310-889-2528	WASHER, FLAT: to attach rear clip to frame MS45904-68 (96906) (M274A3)	EA	1	1	*	*	2	*	*	2	10	10	6
P	O		5310-582-5965	WASHER, LOCK: to attach rear clip to frame MS35338-44 (96906) (M274A3)	EA	1	1	*	*	2	*	*	2	10	10	8
P	O		5310-809-8546	WASHER: to secure front control cable to pedal assy MS27183-8 (96906) (M274A3)	EA	1	1	*	*	2	*	*	2	10	10	16
P	O		5340-057-2891	CLAMP, LOOP: choke control assy MS21333-4 (96906)	EA	2	2	*	*	2	*	*	2	10	11	7
P	O		5340-143-0032	CLAMP, LOOP: choke control cable assy 8336113 (19207) (M274A3)	EA	1	1	*	*	2	*	*	2	10	11	9
P	O		2590-033-7761	CONTROL ASSEMBLY: push-pull choke 10944363 (19207) (M274A2, M274A4, M274A5)	EA	1	1	*	2	2	*	2	2	12	11	1
P	O		2590-928-2930	CONTROL ASSEMBLY: PUSH-PULL: choke 8336294 (19207) (M274A3)	EA	1	1	*	2	2	*	2	6	12	11	1
P	O		5310-732-0559	NUT, PLAIN, HEXAGON: choke control assy MS51968-8 (96906) (M274A3)	EA	2	2	*	*	2	*	*	2	10	11	5
P	O		5310-761-6882	NUT, PLAIN, HEXAGON: choke control mounting plate MS51967-2 (96906)	EA	2	2	*	*	2	*	*	2	10	11	14
P	O		5310-880-7745	NUT, PLAIN, HEXAGON: choke control MS51968-11 (96906) (M274A2, M274A4, M274A5)	EA	1	1	*	*	2	*	*	2	10	11	4

M	F		EA	1	*	*	*	*	*	*	*	11	2
		PLATE: choke control mounting 8336107-1 (19207) (M274A2, M274A4, M274A5) (make from aluminum alloy QQ-T-250/11 .090 thick)	EA	1								11	2
P	O	5305-984-6210 SCREW, MACHINE: choke control assy MS35206-263 (96906)	EA	2	*	*	2	*	*	2	*	11	13
P	O	5305-988-1725 SCREW, MACHINE: choke control mounting plate MS35206-281 (96906) (M274A2, M274A4, M274A5)	EA	2	*	*	2	*	*	2	*	11	17
P	O	5305-059-7932 SCREW: choke control mounting plate MS35208-71 (96906) (M274A3)	EA	2	*	*	2	*	*	2	*	11	17
P	O	5305-068-0523 SCREW, TAPPING, THREAD FORMING: choke control cable MS24621-42 (96906) (M274A3)	EA	4	*	*	2	*	*	2	*	11	11
P	F	4720-993-0393 TUBING, RUBBER: choke control cable 11591976 (19207) (M274A2, M274A4, M274A5) fabricate from tubing, rubber (neoprene No. 8)	EA	1	*	*	*	*	*	*	*	11	8
P	O	5310-809-8546 WASHER, FLAT: choke control assy MS27183-8 (96906) (M274A2, M274A4, M274A5)	EA	2	*	*	2	*	*	2	*	11	12
P	O	5310-809-4058 WASHER, FLAT: choke control mounting plate MS27183-10 (96906)	EA	2	*	*	2	*	*	2	*	11	16
P	O	5310-809-8544 WASHER, FLAT: choke cable tube clamp MS35338-18 (96906)	EA	1	*	*	2	*	*	2	*	11	10
P	O	5310-809-8544 WASHER, FLAT: choke control assy MS35335-18 (96906) (M274A2, M274A4, M274A5)	EA	2	*	*	2	*	*	2	*	11	6
P	O	5310-582-5965 WASHER, LOCK: choke control mounting plate MS35338-44 (96906)	EA	2	*	*	2	*	*	2	*	11	15
P	O	5310-685-3228 WASHER, LOCK: choke control assy MS35333-43 (96906) (M274A2, M274A4, M274A5)	EA	1	*	*	2	*	*	2	*	11	3
P	O	5310-595-7237 WASHER, LOCK: choke control cable MS35333-42 (96906) (M274A3)	EA	1	*	*	2	*	*	2	*	11	3



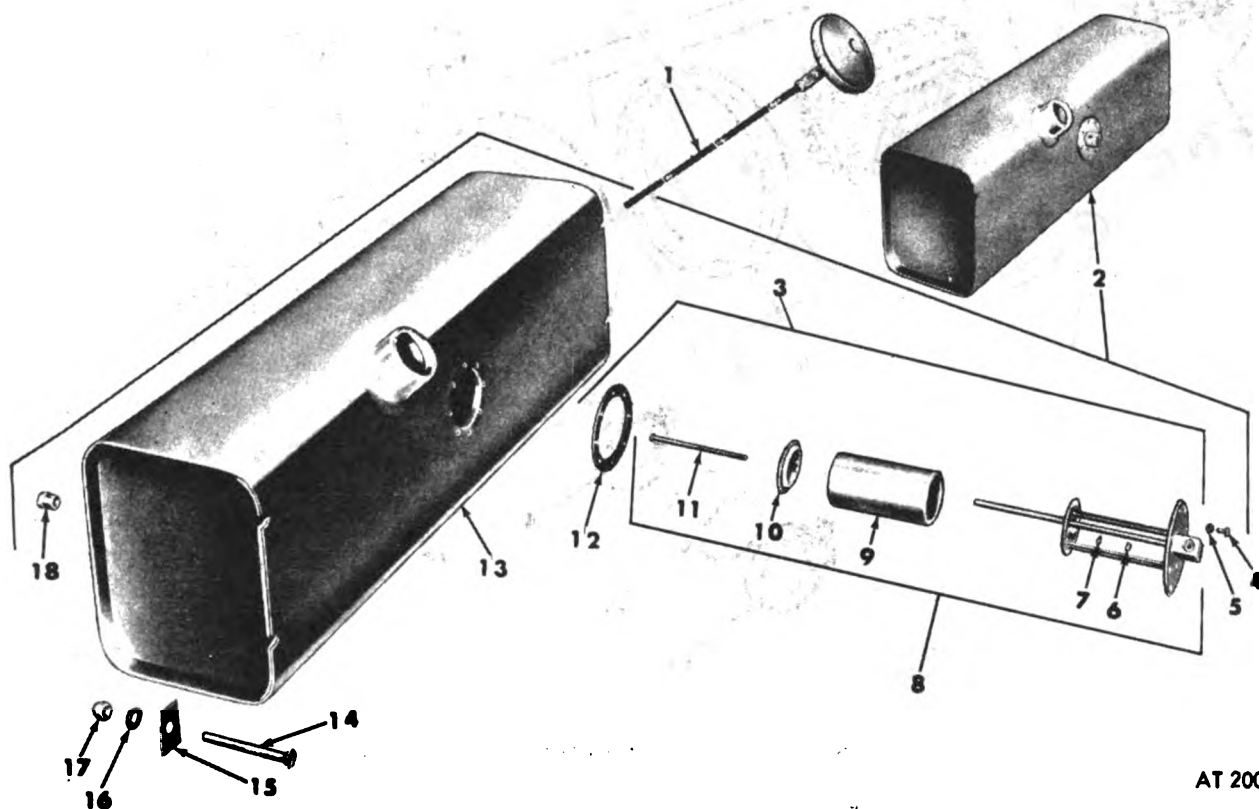
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Figure 6. Air cleaner assembly—exploded view.



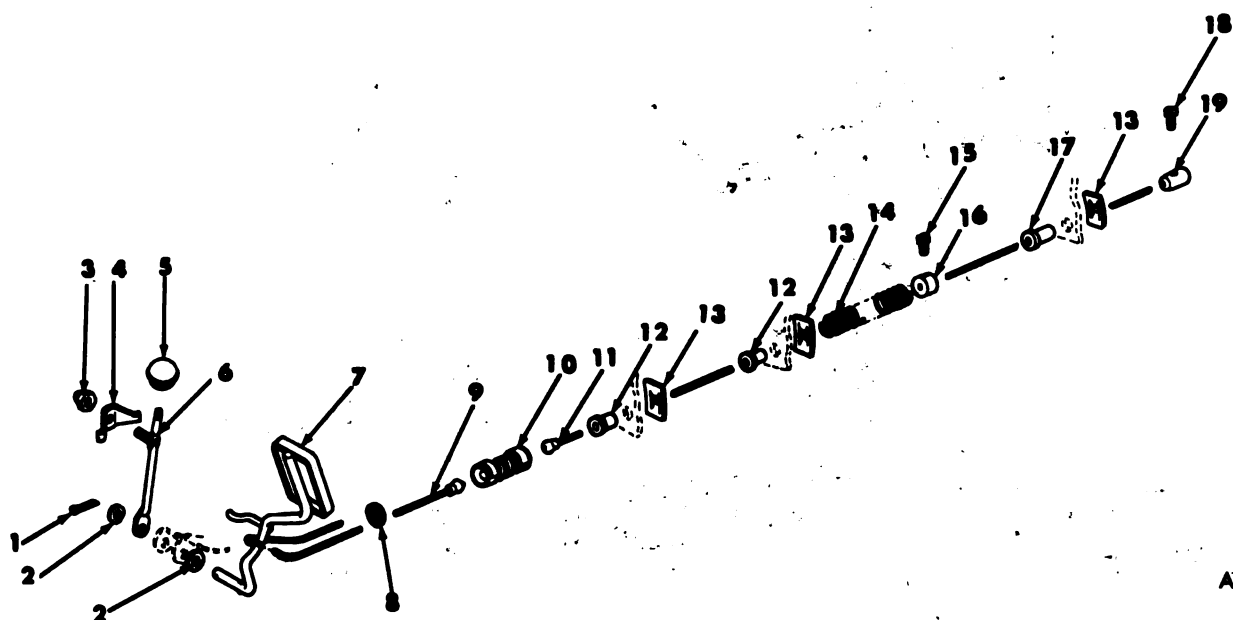
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Figure 7. Fuel lines and fittings—exploded view.



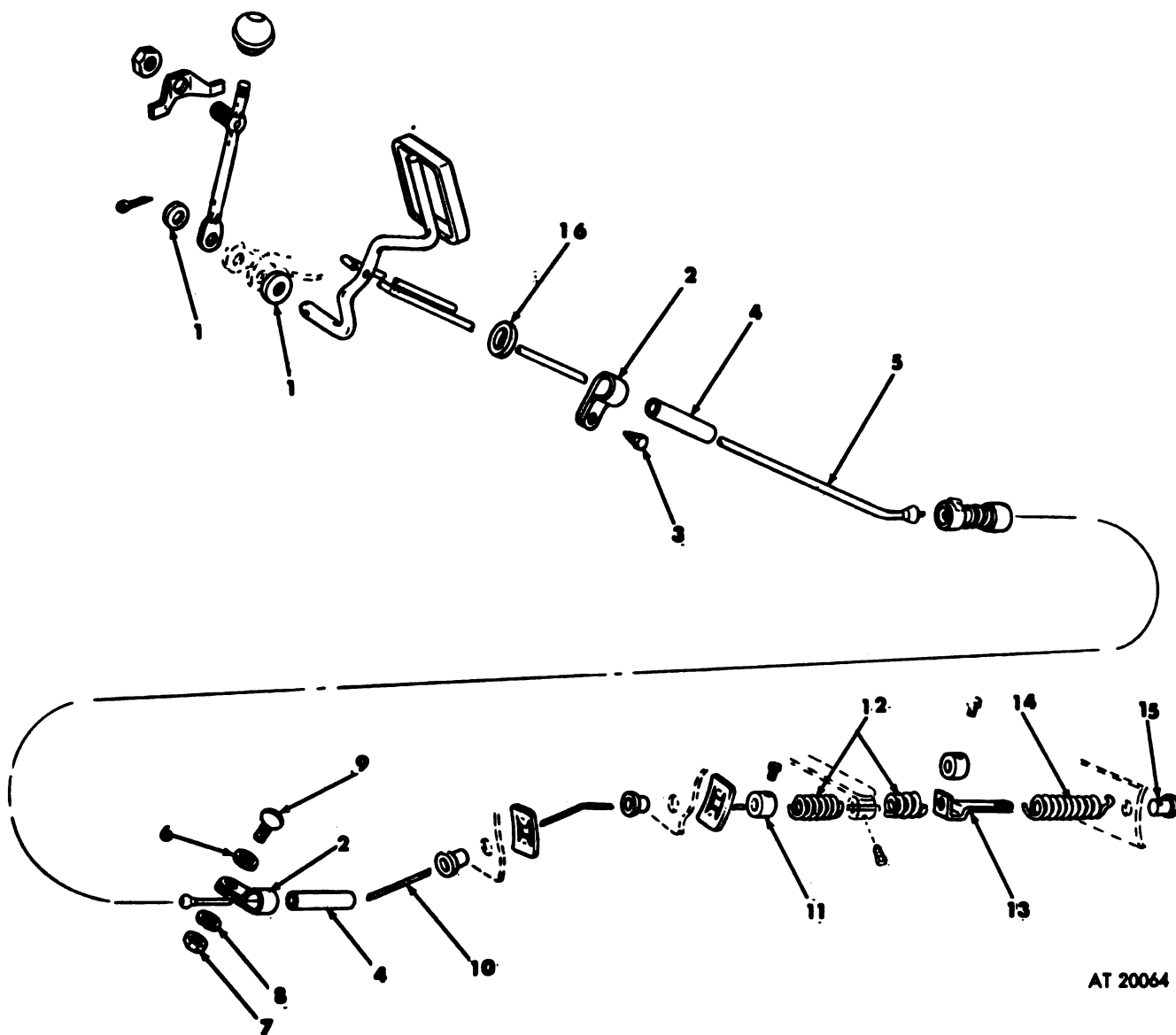
AT 20062

Figure 8. Fuel tank assembly—exploded view.



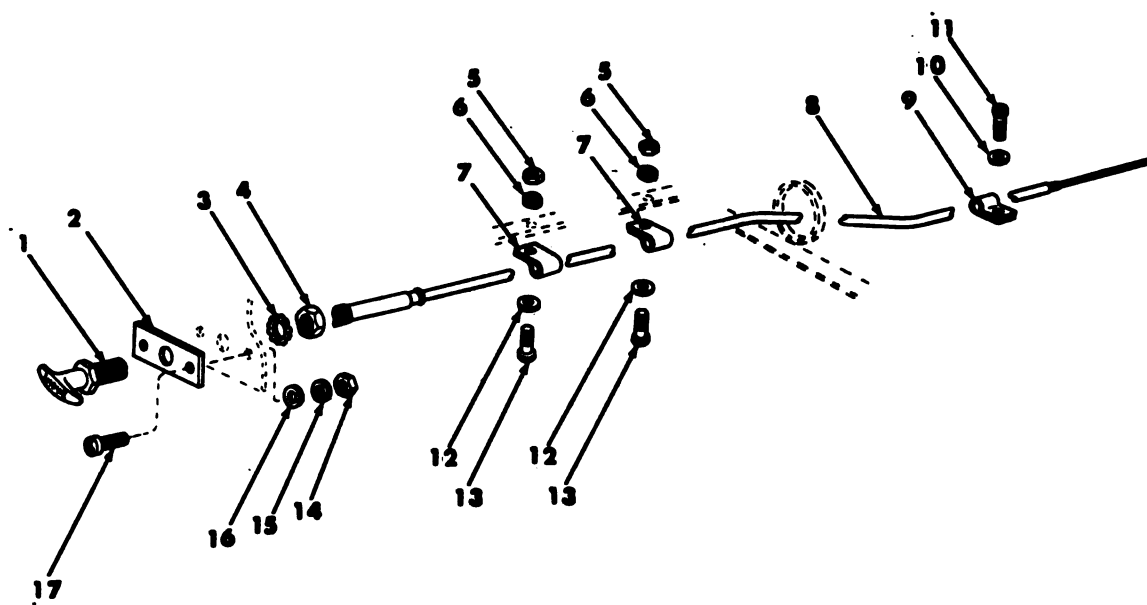
AT 20063

Figure 9. Accelerator control linkage—exploded view.



AT 20064

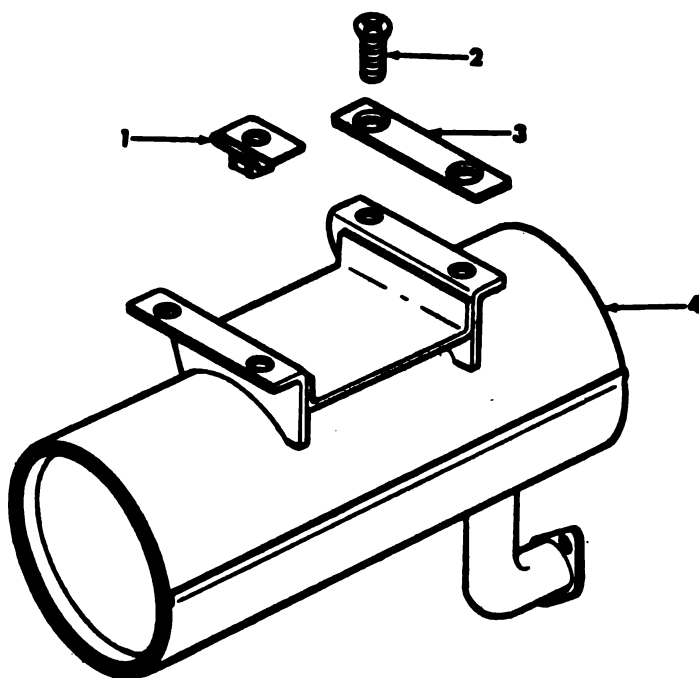
Figure 10. Accelerator control linkage—exploded view.



AT 20065

Figure 11. Choke control linkage—Exploded view.

Repair parts for direct and general support																
(1) Source, maint. and recov. code		(2) Federal stock No.	(3) Description	(4) Unit of meas.	(5) Qty inc in unit pack	(6) Qty inc in unit	(7) 30-day DS maint allowance			(8) 30-day GS maint allowance			(9) 1-yr. alw. per 100 equip. category planning	(10)	(11) Illustration	
(a) Source	(b) maint						(a) 1-30	(b) 31-60	(c) 61-100	(a) 1-20	(b) 21-40	(c) 41-100			(a) Figure No.	(b) Item or sym. No.
P	O	2540-861-2046	GROUP 04—EXHAUST SYSTEM 0401—MUFFLER AND PIPES INSULATOR: muffler exhaust assy 7966593 (19207)	EA		2	*	2	2	*	2	2	12		12	3
P	O	2990-053-9373	MUFFLER EXHAUST: 10946943 (19207)	EA		1	*	2	2	*	2	2	12		12	4
P	O	5310-999-0697	NUT, RETAINER: muffler mounting assy 7760064 (19207)	EA		4	*	2	2	*	2	2	12		12	1
P	O	5305-959-3999	SCREW, MACHINE, FLAT HEAD: MS35191- 310 (96906)	EA		4	*	*	2	*	*	2	10		12	2

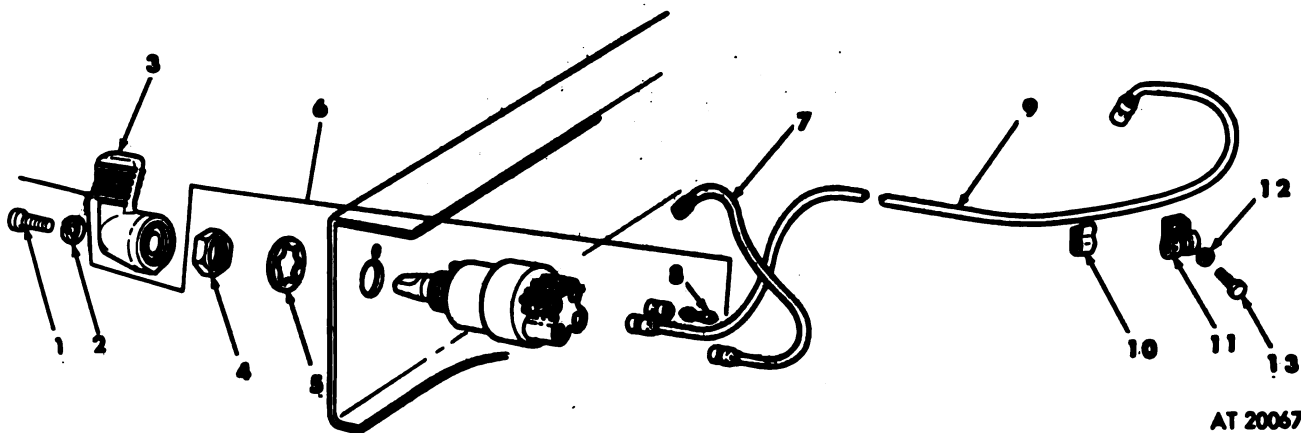


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Figure 12. Exhaust system—exploded view.

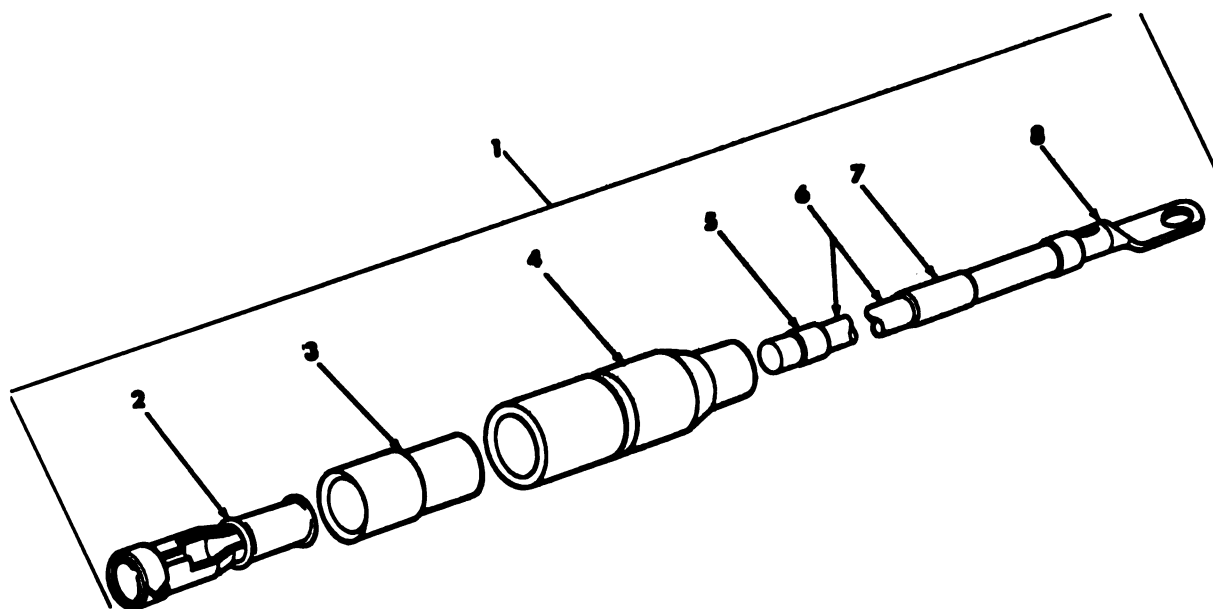
Repair parts for direct and general support															
(1)			(2)	(3)	(4)	(5)	(6)	(7)				(9)	(10)	(11)	
(a)	Source, maint. and recov. code							Unit of meas	Qty inc in unit pack	30-day DS maint allowance				1-yr. alw. per 100 equip. cntgy. planning	(a)
	(b)	(c)	(a)	(b)	(c)	(a)	(b)			(c)					
											Source	Maint.	Recov.		
P	O		5340-080-9853	GROUP 06—ELECTRICAL COMPONENTS 0605—IGNITION COMPONENTS CLAMP LOOP, STEEL CUSHIONED: lead to ground MS21333-97 (96906) (M274A5) CLIP, SPRING TENSION: lead to ground 432682 (21450) M274A2, M274A3, M274A4) DUMMY CONNECTOR: electrical switch assy 7982907 (19207) LEAD: electrical, ignition switch to ground 7760068 (19207) Consists of: BAND, MARKER, BLANK: (circuit No.) MS39020-1 (96906) BAND, MARKER: (part No.) 10864355 (19207) CABLE: magneto to ground 7720853 (19207) CONNECTOR: magneto to ground 8338561 (19207) INSULATOR: cable assy, magneto 8338562 (19207) TERMINAL: electrical, magneto ground lead 8338564 (19207) TERMINAL: cable assy, magneto to ground 506209 (21450) LEAD: ignition switch to magneto 10945079 (19207) Consists of: BAND, MARKER, BLANK: (circuit No.) MS39020-1 (96906) BAND, MARKER: (part No.) 10864355 (19207) CABLE: magneto to switch (7720853) CONNECTOR: cable assy, magneto to switch 8338561 (19207) INSULATOR: cable assy, magneto 8338562 (19207) TERMINAL: ignition switch magneto 8338564 (19207) LEVER: ignition switch 5381088 (19207)	EA	4	*	*	2	*	*	2	10	13	11
P	O		5340-543-3038		EA	7	*	*	2	*	*	2	10	13	10
P	O		5935-214-0904		EA	2	*	*	2	*	*	2	10	13	8
M	F				EA	1								13	7
P	O		9905-752-4649		EA	1	*	*	2	*	*	2	10	14	5
P	O		9905-935-7632	EA	1	*	*	2	*	*	2	10	14	7	
P	O		6145-772-0853	EA	1	*	*	*	*	*	*		14	6	
P	O		5935-833-8561	EA	1	*	*	2	*	*	2	10	14	4	
P	O		5970-833-8562	EA	1	*	*	2	*	*	2	10	14	3	
P	O		5940-399-6676	EA	1	*	*	2	*	*	2	10	14	2	
P	O		5940-050-6209	EA	1	*	*	2	*	*	2	10	14	8	
M	F			EA	1								13	9	
P	O		9905-752-4649	EA	2	*	*	*	*	*	*	5	15	5	
P	O		9905-935-7672	EA	1	*	*	*	*	*	*	5	15	7	
P	O		6145-772-0853	EA	1	*	*	*	*	*	*		15	6	
P	O		5935-833-8561	EA	2	*	*	2	*	*	2	10	15	4	
P	O		5970-833-8562	EA	2	*	*	2	*	*	2	10	15	3	
P	O		5940-399-6676	EA	2	*	*	2	*	*	2	10	15	2	
P	O		6220-538-1088	EA	1	*	*	2	*	*	2	10	13	3	

P	O	5305-052-6915	SCREW, TAPPING, THREAD CUTTING: ignition switch magneto lead and ground lead MS24629-44 (96906) (M274A5)	EA	4	*	*	2	*	*	2	10	13	13
P	O	5305-699-9438	SWITCH: ignition switch 8380699 (19207) Consists of:	EA	1	1	2	2	1	2	2	6	13	6
P	O	5975-832-6852	NUT, MOUNTING: switch assy 5381233 (19207)	EA	1	*	*	2	*	*	2	10	13	4
P	O	5305-984-6221	SCREW, MACHINE: lever ignition switch MS35206-234 (96906)	EA	1	*	*	2	*	*	2	10	13	1
P	O	5310-194-1483	WASHER, LOCK: int-tooth, ignition switch mounting MS35333-44 (96906)	EA	1	*	*	2	*	*	2	10	13	5
P	O	5310-045-3299	WASHER, LOCK, SPLIT: switch, rotary ignition MS35338-42 (96906)	EA	1	*	*	2	*	*	2	10	13	2
P	O	5310-596-7691	WASHER, LOCK, FLAT: magneto lead to ground MS35335-32 (96906) (M274A5)	EA	4	*	*	2	*	*	2	10	13	12
P	O	2920-810-7083	SPARK PLUG: shielded MS51009-3 (96906)	EA	1	2	4	6	2	4	6	75		
P	O	5305-699-9438	SWITCH: IGNITION 8380699 (19207)	EA	1	1	1	2	1	1	2	6		
P	O	6645-832-5681	0607—INSTRUMENT OR ENGINE CONTROL PANEL METER, HOUR: (13215)	EA	1	*	*	2	*	*	2	10	16	1
P	O	5305-767-0437	SCREW, INSTRUMENT: MS51966-104 (96906)	EA	3	*	*	2	*	*	2	10	16	2



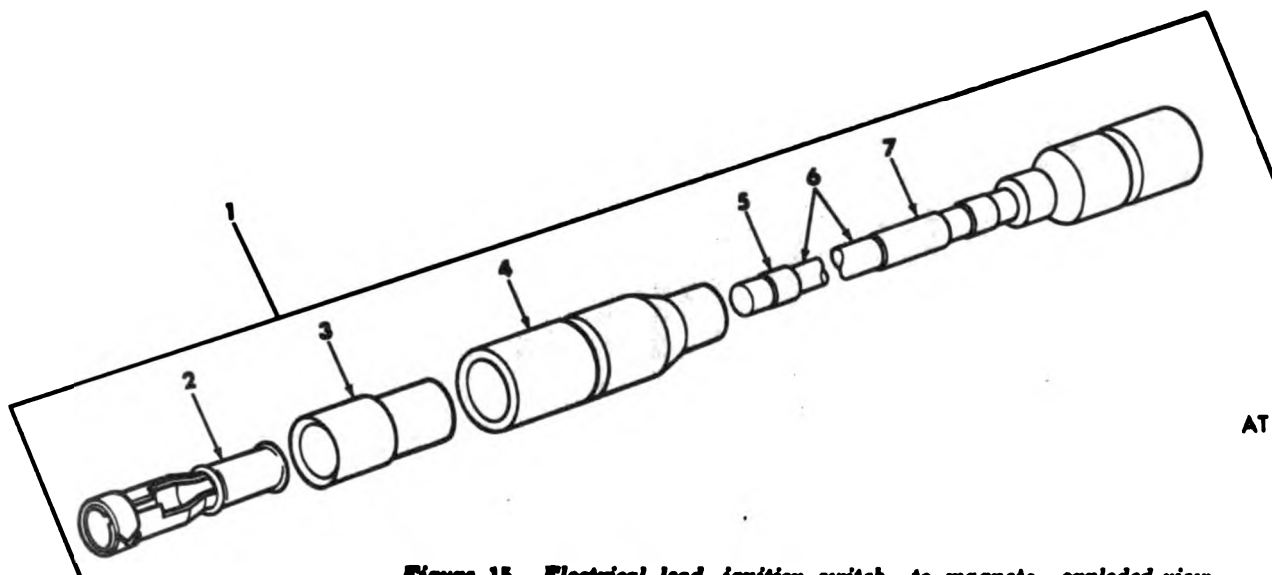
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Figure 13. Ignition system—exploded view.



AT 20068

Figure 14. Electrical lead, ignition switch to ground—exploded view.



AT 20069

Figure 15. Electrical lead, ignition switch to magneto—exploded view.

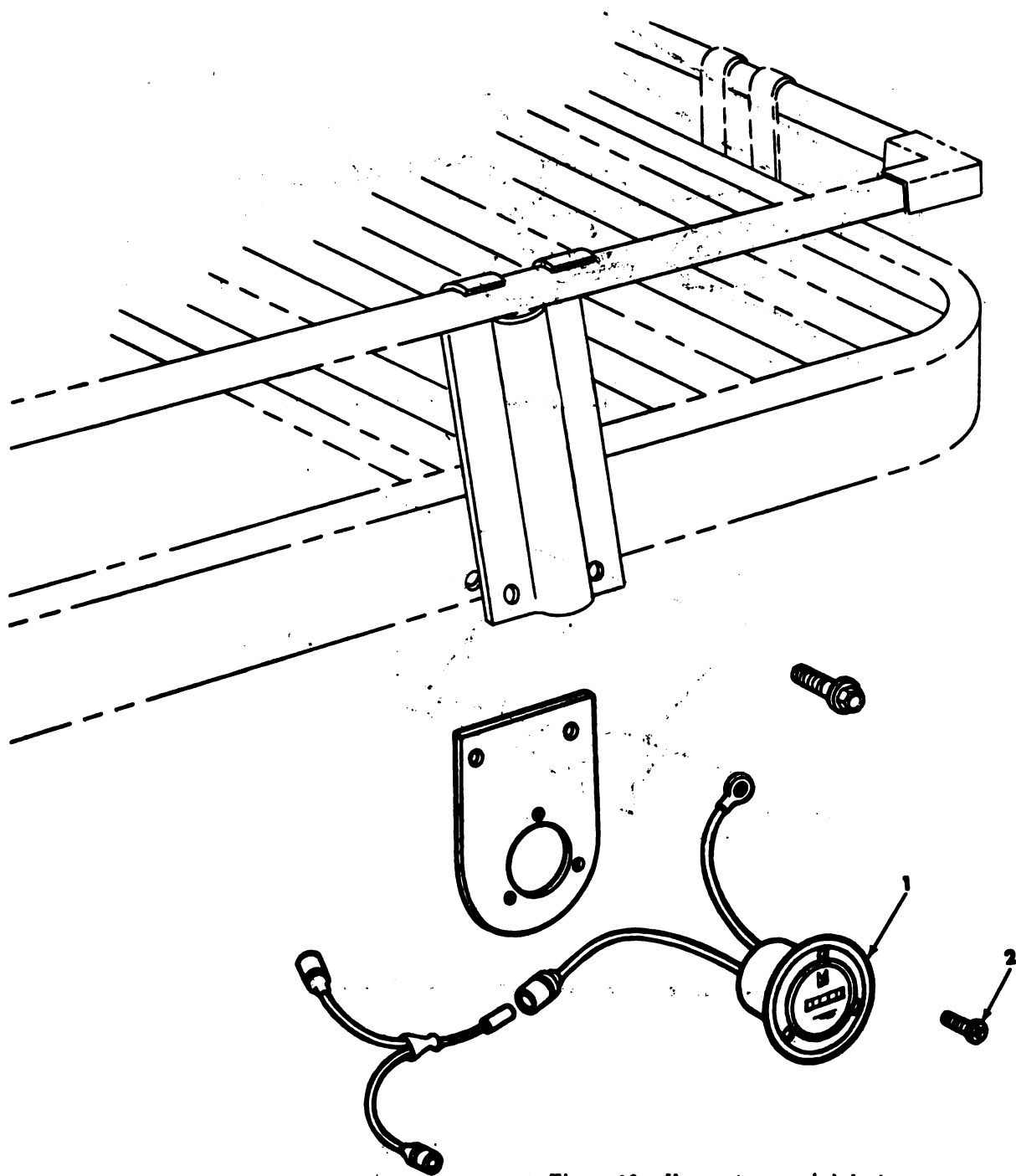
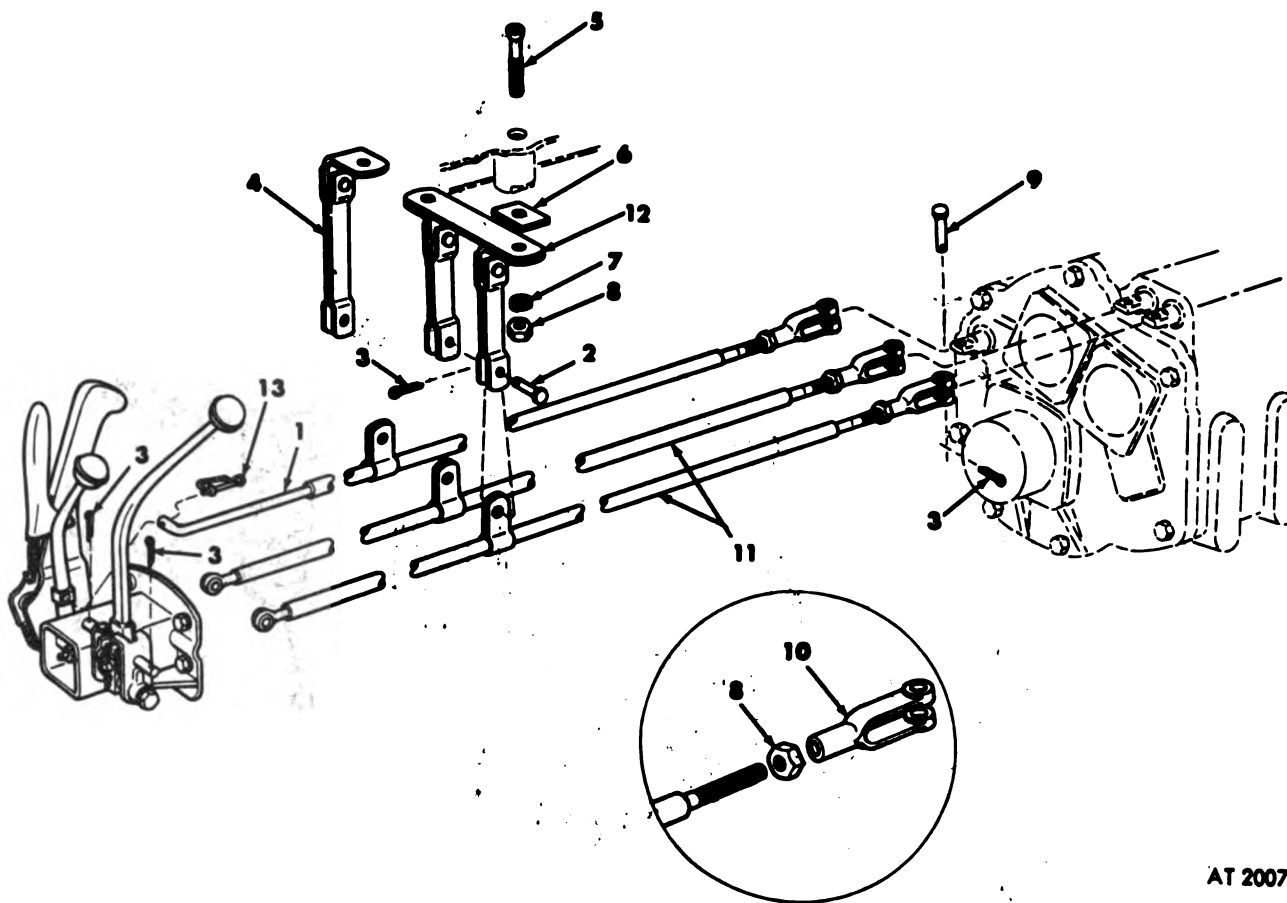


Figure 16. Hourmeter—exploded view.

AT 20070

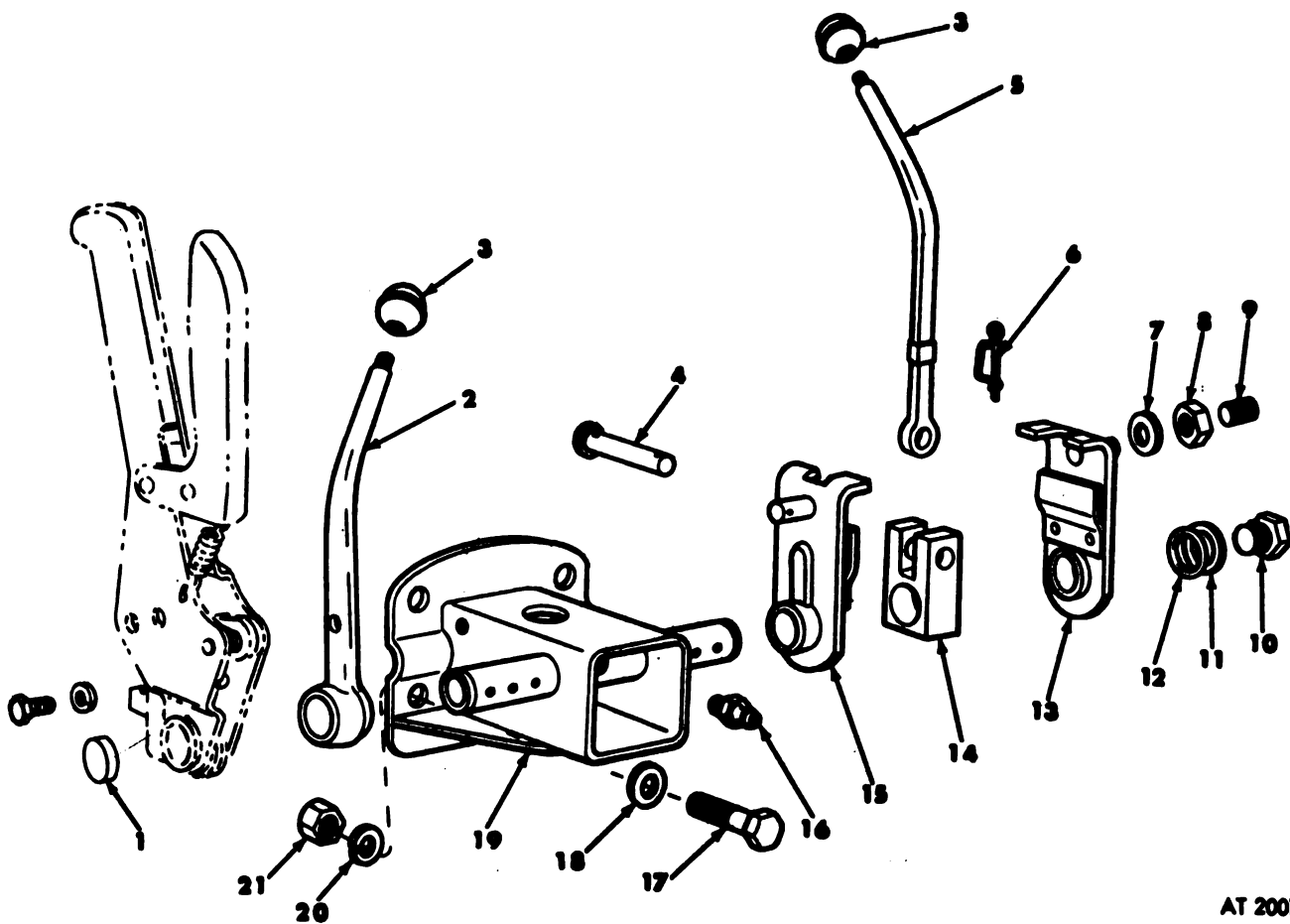
Repair parts for direct and general support																		
(1)			(2)	(3)	(4)	(5)	(6)	(7)			(8)			(9)	(10)	(11)		
Source, maint. and recov. code			Federal stock No.	Description	Unit of meas	Qty inc in unit	Qty inc in pack	Qty inc in unit	30-day DS maint allowance			30-day GS maint allowance			1-yr. alw. per 100 equip. cntgy. planning		Illustration (a) Figure (b) Item No. or sym. No.	
(a)	(b)	(c)						(a)	(b)	(c)	(a)	(b)	(c)					
Source	Maint	Recov.						1-20	21-50	51-100	1-20	21-50	51-100					
GROUP 07—TRANSMISSION																		
0705—GEARSHIFT																		
P	O		2520-953-4867	ARM ASSY: left, transmission shift lever (M274A2, M274A4, M274A5) 11591952 (19207)	EA	1		*	*	2	*	*	2	10	18	13		
P	O		2520-953-4862	ARMY ASSY, GEARSHIFT: right, transmission shift lever (M274A2, M274A4, M274A5) 11591953-2 (19207)	EA	1		*	*	2	*	*	2	10	18	15		
P	O		2520-587-1406	BLOCK, PIVOT, LEVER: transmission shift lever 8336176 (19207)	EA	1		*	*	2	*	*	2	10	18	14		
X2	O			BOLT ASSY: transmission shift lock (M274A4, M274A5) 10929924 (19207)	EA	1									18	10		
P	O		2520-697-3986	BRACKET: gearshift lever (M274A3) 7966671 (19207)	EA	2		*	*	2	*	*	2	10	18	13		
P	O		5340-057-3537	CLEVIS, ROD END: transmission shift rod MS35812-3 (96906)	EA	2		*	*	2	*	*	2	10	17	10		
P	O		5315-290-1350	CLIP: transmission shift lever 8332074 (19207)	EA	1		*	*	2	*	*	2	10	18	6		
P	O		4730-050-4208	FITTING, LUBRICATION: gearshift support assy MS15003-1 (96906)	EA	1		*	*	2	*	*	2	10	18	16		
X2	O			HANGER ASSY: transmission shift rod (M274A3, M274A4) 8336263 (19207)	EA	1									17	12		
X2	O			HANGER ASSY: transmission shift rod (M274A3, M274A4) 8336263 (19207)	EA	1									17	12		
P	O		2540-999-1304	KNOB ASSY: shift lever, transmission 8687091 (19207)	EA	1		*	*	2	*	*	2	10	18	3		
P	O		2520-508-2317	LEVER, GEARSHIFT: transmission shift 7966633 (19207)	EA	1		*	*	2	*	*	2	10	18	5		
P	O		2590-697-3713	LINKAGE, RIGID, CONTROL: control rod, gearshift 7966626 (19207)	EA	2		*	*	2	*	*	2	10	17	11		
P	O		5310-880-7746	NUT, PLAIN, HEX: to attach transmission shift rod clevis locking hanger MS51968-5 (96906)	EA	2		*	*	2	*	*	2	10	17	8		
P	O		5310-880-7744	NUT, PLAIN, HEXAGON: to attach shift lever rod (M274A3, M274A4) MS51967-5 (96906)	EA	2		*	*	2	*	*	2	10	17	8		
P	O		5310-732-0559	NUT, PLAIN, HEXAGON: shift lever support (used on M274A2 only) MS51968-8 (96906)	EA	4		*	*	2	*	*	2	10	18	21		
P	O		5310-275-2088	NUT, SELF-LOCKING: to attach shift lever support assy (M274A2, M274A4, M274A5) MS20365-624C (96906)	EA	4		*	*	2	*	*	2	10	18	21		
P	O		5310-275-2039	NUT, PLAIN, HEXAGON: to attach shift lever arm (M274A2, M274A4, M274A5) MS20364-820A (96906) (optional with MS20364-820C (96906))	EA	1		*	*	2	*	*	2	10	18	8		

P	O	5310-285-5638	NUT, PLAIN, HEXAGON: to attach shift lever arm (M274A2, M274A4, M274A5) MS-20364-820C (96906) optional with MS20364-820A (96906)	EA	1	*	*	2	*	*	2	*	*	2	10	18	8
P	F	5310-950-0039	NUT, SELF-LOCKING, HEXAGON: shift lever support assy MS21044-N6 (96906) (M274A3)	EA	4	*	*	2	*	*	2	*	*	2	10	18	8
P	O	5315-839-2326	PIN, COTTER: transmission shift rod (96906) (M274A3) MS24665-281	EA	6	*	*	2	*	*	2	*	*	2	15	17	3
P	O	5315-842-3651	PIN, COTTER: transmission shift rod (M274A2, M274A4, M274A5) MS24665-295 (96906)	EA	6	*	*	2	*	*	2	*	*	2	15	17	3
P	O	5315-812-2683	PIN, STRAIGHT, HEADED: transmission shift lever (MS-20392-4C33 (96906)	EA	1	*	*	2	*	*	2	*	*	2	10	18	4
P	O	5315-081-7023	PIN, STRAIGHT, HEADED: transmission shift rod MS20392-4C11 (96906)	EA	2	*	*	2	*	*	2	*	*	2	10	17	2
P	O	5315-812-3427	PIN, STRAIGHT, HEADED: transmission shift rod MS20392-4C25 (96906)	EA	2	*	*	2	*	*	2	*	*	2	10	17	9
P	O	5340-050-1589	PLUG, EXPANSION: shift lever support assy MS35648-3 (96906)	EA	2	*	*	2	*	*	2	*	*	2	10	18	1
P	O	5340-803-7303	RING, RETAINING: shaft shift lever support assy (M274A3) MS16624-1075 (96906)	EA	1	*	*	2	*	*	2	*	*	2	10	18	12
P	O	5305-269-2810	SCREW, CAP, HEX HEAD: shift lever bracket MS90726-68 (96906)	EA	4	*	*	2	*	*	2	*	*	2	10	18	17
P	O	5305-959-2700	SCREW, MACHINE: transmission shift rod hanger (M274A2, M274A5, MS35191-311 (96906)	EA	2	*	*	2	*	*	2	*	*	2	10	17	5
P	O	5305-954-1247	SCREW, MACHINE: transmission shift rod hanger (M274A3, M274A4) 7700147 (19207)	EA	2	*	*	2	*	*	2	*	*	2	10	17	5
P	O	2520-936-2270	SEAL, NONMETALLIC: transmission shift lever (M274A2, M274A4, M274A5) 11592008-1 (19207)	EA	1	*	*	2	*	*	2	*	*	2	10	18	7
P	O	5305-767-0437	SETSCREW: to attach transmission shift lever arm (M274A2, M274A4, M274A5) MS51966-104 (96906)	EA	1	*	*	2	*	*	2	*	*	2	10	18	9
P	O	2590-679-3165	SHIM: shift rod hanger 8336091 (19207)	EA	2	*	*	2	*	*	2	*	*	2	10	17	6
P	O	2520-936-2269	SUPPORT, BRACKET, SHIELD: shift lever (M274A2, M274A4, M274A5) 11592004 (19207)	EA	1	*	*	2	*	*	2	*	*	2	5	18	19
P	O	2520-508-2354	SUPPORT ASSY: bracket shift lever (M274A3) 8336039 (19207)	EA	1	*	*	2	*	*	2	*	*	2	5	18	19
P	O	5310-809-5998	WASHER, FLAT: transmission shift lever (M274A2, M274A4, M274A5) MS27183-18 (96906)	EA	1	*	*	2	*	*	2	*	*	2	5	18	11
P	F	5310-080-6004	WASHER, FLAT: shift lever bracket MS27183-14 (96906)	EA	4	*	*	2	*	*	2	*	*	2	10	18	18
P	O	5310-637-9541	WASHER, LOCK, SPLIT: shaft lever bracket (M274A3) MS35338-46 (96906)	EA	4	*	*	2	*	*	2	*	*	2	10	18	20
P	O	5310-407-9566	WASHER, LOCK, SPLIT: transmission shift rod hanger MS35338-46 (96906)	EA	2	*	*	2	*	*	2	*	*	2	10	17	7



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Figure 17. Transmission gearshift mechanism—exploded view.



AT 20072

Figure 18. Transmission gearshift mechanism—exploded

Repair parts for direct and general support

(1) Source, maint. and recov. code			(2) Federal stock No.	(3) Description	(4) Unit inc in unit of meas	(5) Qty inc in unit pack	(6) Qty inc in unit			(7) 30-day DS maint allowance			(8) 30-day GS maint allowance			(9) 1-yr. alw. per 100 equip. entgy planning	(10)	(11) Illustration	
(a) Source	(b) maint.	(c) recov.					(a)	(b)	(c)	(a)	(b)	(c)	(a)	(b)	(c)			(a) Figure No.	(b) Item or sym. No.
P	O		5340-057-3537	GROUP 08—TRANSFER ASSEMBLY 0803— GEARSHIFT CONTROLS	EA	1	*	*	2	*	*	*	*	*	2	10		17	10
P	O		5315-290-1350	CLEVIS, ROD END: transfer shift rod MS35812-3 (96906)	EA	1	*	*	2	*	*	*	*	*	2	10		17	13
P	O		2520-888-3727	PIN, RETAINING: transfer shift rod 8332074 (19207)	EA	1	*	*	*	*	*	*	*	*	*	5		17	4
P2	O		2520-812-9867	LINK AND BRACKET ASSY: transmission transfer shaft rod (M274A2, M274A5) 10929928 (19207)	EA	1	*	*	*	*	*	*	*	*	*	5		17	4
P	O		2540-999-1304	HANGER ASSY: transmission transfer shift rod (M274A3, M274A4) 8336262 (19207)	EA	1	*	*	2	*	*	*	*	*	2	10		18	3
P	O		2520-508-2320	KNOB ASSY: transmission transfer shift 8637091 (19207)	EA	1	*	*	*	*	*	*	*	*	*	5		18	2
P	O		5310-880-7746	LEVER, GEARSHIFT: transmission transfer shift 7966634 (19207)	EA	1	*	*	2	*	*	*	*	*	2	10		17	8
P	O		5310-880-7744	NUT, PLAIN, HEXAGON: to attach transfer shift rod hanger (M274A2, M274A5) MS51968-5 (96906)	EA	1	*	*	2	*	*	*	*	*	2	10		17	8
P	O		5315-842-3651	NUT, PLAIN, HEXAGON: transmission trans- fer shift rod hanger (M274A3, M274A4) MS51967-5 (96906)	EA	2	*	*	2	*	*	*	*	*	2	10		17	3
P	O		5315-081-7023	PIN, COTTER: transmission transfer shift rod MS24665-295 (96906)	EA	1	*	*	2	*	*	*	*	*	2	10		17	2
P	O		5315-812-3427	PIN, STRAIGHT, HEADED: transmission transfer shift rod MS20392-4C11 (96906)	EA	1	*	*	2	*	*	*	*	*	2	10		17	9
P	F		2590-697-3714	PIN, STRAIGHT, HEADED: transmission transfer shift rod MS20392-4C25 (96906)	EA	1	*	*	2	*	*	*	*	*	2	10		17	1
P	O		5305-959-2700	LINKAGE, RIGID, CONTROL: transmission transfer shift 7966627 (19207)	EA	1	*	*	2	*	*	*	*	*	2	10		17	5
P	O		2590-679-3165	SCREW, MACHINE: transmission shift rod hanger MS35191-311 (96906)	EA	1	*	*	*	*	*	*	*	*	*	5		17	6
P	O			SHIM: to attach transfer shift rod hanger 8336091 (19207)	EA	1	*	*	*	*	*	*	*	*	*	5		17	6
P	O		5310-407-9566	SHIM: to attach transfer shift rod hanger 8336096 (19207)	EA	1	*	*	*	*	*	*	*	*	*	5		17	6
P	O			WASHER LOCK: split, to attach transmission transfer shift rod hanger MS35338-45 (96906)	EA	1	*	*	2	*	*	*	*	*	2	10		17	7

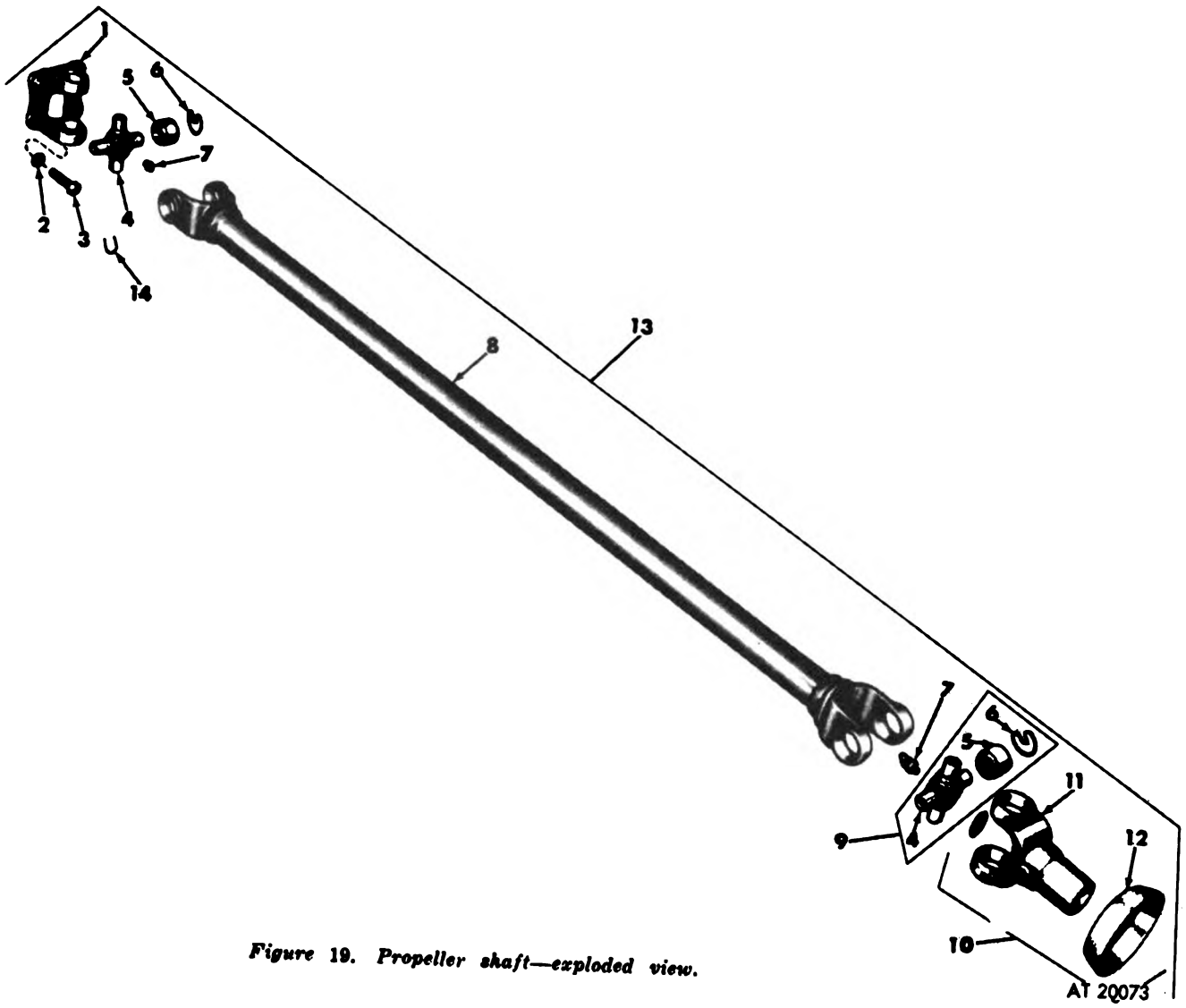


Figure 19. Propeller shaft—exploded view.

Repair parts for direct and general support																
(1) Source, maint. and recov. code		(2) Federal stock No.	(3) Description	(4) Unit of meas	(5) Qty inc in unit pack	(6) Qty inc in unit pack	(7) 30-day DS maint allowance				(8) 30-day GS maint allowance	(9) 1-yr. alw. per 100 equip. catgy. planning	(10)	(11) Illustration		
(a) Source	(b) Maint						(c) Recov.	(a) 1-30	(b) 31-50	(c) 51-100				(a) 1-30	(b) 31-50	(c) 51-100
P	F	2520-697-4377	GROUP 10—FRONT AXLE ASSEMBLY 1000—FRONT AXLE GASKET SET (NON-ILLUSTRATED) GASKET AND SEAL SET: overhaul, front axle 5702417 (19207) Consists of: GASKET, STEERING KNUCKLE: steering knuckle cover 7966597 (19207) GASKET: oil slinger 7066605 (19207) GASKET: oil slinger 7045698 (19207) (M274A3) GASKET, DRIVE GEAR: axle housing and drive gear cage 7966698 (19207) PACKING, PREFORMED: "O" ring, wheel hub MS9021-216 (96906) (M274A2, M274A4, M274A5) PACKING, PREFORMED: wheel hub MS9021-325 (96906) SEAL, PLAIN, ENCASED: brake 7966683 (19207) SEAL, PLAIN, ENCASED: ballcrank 7966727 (19207) SEAL, PLAIN, ENCASED: axle shaft 7966768 (19207) SEAL, PLAIN, ENCASED: oil axle inner shaft 7966787 (19207) SEAL, PLAIN, ENCASED: wheel hub brg 11591951 (19207) FELT, MECHANICAL: front axle brake, dirt 11592007 (19207) WASHER: intermediate, front axle brake 11592008 (19207) AXLE ASSY, AUTOMOTIVE: front 10945109 (19207) (M274A2, M274A4, M274A5) AXLE ASSY, AUTOMOTIVE: front 7966805 (19207) (M274A3)	EA	1	*	2	*	2	*	2	2	15			
P	F	2520-508-2309	GASKET, STEERING KNUCKLE: steering knuckle cover 7966597 (19207)	EA	2	*	*	2	*	2	10					
P	F	2530-697-3852	GASKET: oil slinger 7066605 (19207)	EA	2	*	*	*	*	*	5					
P	F	2530-678-3136	GASKET: oil slinger 7045698 (19207) (M274A3)	EA	2	*	*	*	*	*	5					
P	F	2520-697-3813	GASKET, DRIVE GEAR: axle housing and drive gear cage 7966698 (19207)	EA	1	*	*	2	*	2	10					
P	F	5330-531-3714	PACKING, PREFORMED: "O" ring, wheel hub MS9021-216 (96906) (M274A2, M274A4, M274A5)	EA	2	*	*	2	*	2	10					
P	F	5330-926-1908	PACKING, PREFORMED: wheel hub MS9021-325 (96906)	EA	2	*	*	2	*	2	10					
P	F	2520-697-4266	SEAL, PLAIN, ENCASED: brake 7966683 (19207)	EA	1	*	*	2	*	2	10					
P	F	2530-697-4249	SEAL, PLAIN, ENCASED: ballcrank 7966727 (19207)	EA	2	*	*	2	*	2	10					
P	F	2520-697-4286	SEAL, PLAIN, ENCASED: axle shaft 7966768 (19207)	EA	2	*	*	2	*	2	10					
P	F	2520-697-4206	SEAL, PLAIN, ENCASED: oil axle inner shaft 7966787 (19207)	EA	1	*	*	2	*	2	10					
P	F	5330-954-1245	SEAL, PLAIN, ENCASED: wheel hub brg 11591951 (19207)	EA	2	*	*	2	*	2	10					
P	F	5330-958-2783	FELT, MECHANICAL: front axle brake, dirt 11592007 (19207)	EA	1	*	2	2	*	2	15					
P	F	5330-954-1253	WASHER: intermediate, front axle brake 11592008 (19207)	EA	1	*	2	2	*	2	15					
P	F	2520-913-3374	AXLE ASSY, AUTOMOTIVE: front 10945109 (19207) (M274A2, M274A4, M274A5)	EA	1	*	*	2	*	2	8		20	1		
P	F	2520-697-4527	AXLE ASSY, AUTOMOTIVE: front 7966805 (19207) (M274A3)	EA	1	*	*	2	*	2	8		20	1		
P	F	2520-697-3813	1000—FRONT AXLE ASSEMBLY CAGE ASSY: gear carrier (NPN) (For details see fig 15) GASKET, DRIVE GEAR: axle housing and drive gear cage 7966698 (19207)	EA	1								20	4		
P	F			EA	2	*	*	2	*	2	10		20	3		

P	F	R	2530-561-9120	EA	1	*	*	2	*	*	2	10	20	6
P	F	R	CARRIER ASSEMBLY; FRONT: front axle gear 7966806 (19207) (M274A3) (For details see fig 16)	EA	1	*	*	2	*	*	2	10	20	6
P	F	R	CARRIER ASSEMBLY; AXLE: front axle gear 7966806-1 (19207) (M274A2, M274A4, M274A5) (For details see fig 16)	EA	1	*	*	2	*	*	2	10	20	6
P	F		HOUSING, DROP GEAR: drop gear axle 8336277 (19207) (For details see fig 13)	EA	2	*	*	*	*	*	*	5	20	2
P	F		NUT, PLAIN, HEX: front axle drop gear housing MS51968-5 (96906)	EA	12	*	*	2	*	*	2	15	20	9
P	F		SHAFT, AXLE, AUTOMOTIVE: axle right, long 7045745 (19207)	EA	1	*	*	2	*	*	2	15	20	7
P	F		SHIM SET: drive gear 5702426 (19207)	EA	1	*	*	2	*	*	2	10	20	5
X1	F		Consists of:	EA	2								20	5.1
X1	F		SHIM: .003 in. thk 7966685 (19207)	EA	2								20	5.2
X1	F		SHIM: .005 in. thk 7966686 (19207)	EA	2								20	5.3
X1	F		SHIM: .010 in. thk 7966687 (19207)	EA	1								20	5.4
P	F		SHIM: .030 in. thk 7966688 (19207)	EA	12	*	*	2	*	*	2	15	20	8
P	F		WASHER, LOCK: front axle drop gear housing MS35338-45 (96906)	EA	2	*	*	2	*	*	2	15	21	8
P	F		GASKET, STEERING KNUCKLE: steering knuckle cover 7966597 (19207)	EA	2								21	12
X1	O		HUB ASSY: 7045774 (19207)	EA	5	*	*	2	*	*	2	10	21	7
P	O		BOLT MACH: axle wheel hub 7953458 (19207)	EA	2	*	*	*	*	*	*	5	21	3
P	O		LOOP: wheel hub lifting 7953455 (19207)	EA	16	*	*	2	*	*	2	10	21	11
P	O		NUT, PLAIN, HEX: to attach front axle drop gear covers MS51968-5 (96906)	EA	2	*	*	2	*	*	2	10	21	1
P	O		RETAINER, NUT: front axle 7045710 (19207)	EA	2	*	*	2	*	*	2	10	21	2
P	O		PACKING, PREFORMED: wheel hub MS9021-216 (96906)	EA	2	*	*	2	*	*	2	10	21	5
P	O		PACKING, PREFORMED: wheel hub MS9021-325 (96906)	EA	2	*	*	2	*	*	2	10	21	4
P	F		PIN, SPRING: to attach front axle wheel hubs 7341466 (19207)	EA	4	*	*	*	*	*	*	5	21	13
P	O		PLUG, PIPE: wheel hub lifting loop MS49005-2 (96906)	EA	4	*	*	2	*	*	2	10	21	10
P	O		SCREW, MACH: front axle drop gear housing cover MS90725-34 (96906)	EA	20	*	*	2	*	*	2	10	21	9
P	O		WASHER, LOCK: axle drop gear cover MS35338-45 (96906)	EA	2	*	*	2	*	*	2	15	22	5
P	F		BEARING, BALL, ANNULAR: axle shaft 700078 (21450)	EA	8	*	*	2	*	*	2	15	22	20
P	F		BEARING ROLLER NEEDLE: front axle assy MS17131-26 (96906)	EA	4	*	*	2	*	*	2	15	22	15
P	F		BEARING ASSY: wheel joint driven gear 11592012 (19207) (M274A2, M274A4, M274A5)	EA	2	*	*	2	*	*	2	8	22	19
P	F		GEAR, HELICAL: idler axle front 7966764 (19207)	EA	2	*	*	2	*	*	2	8	22	19

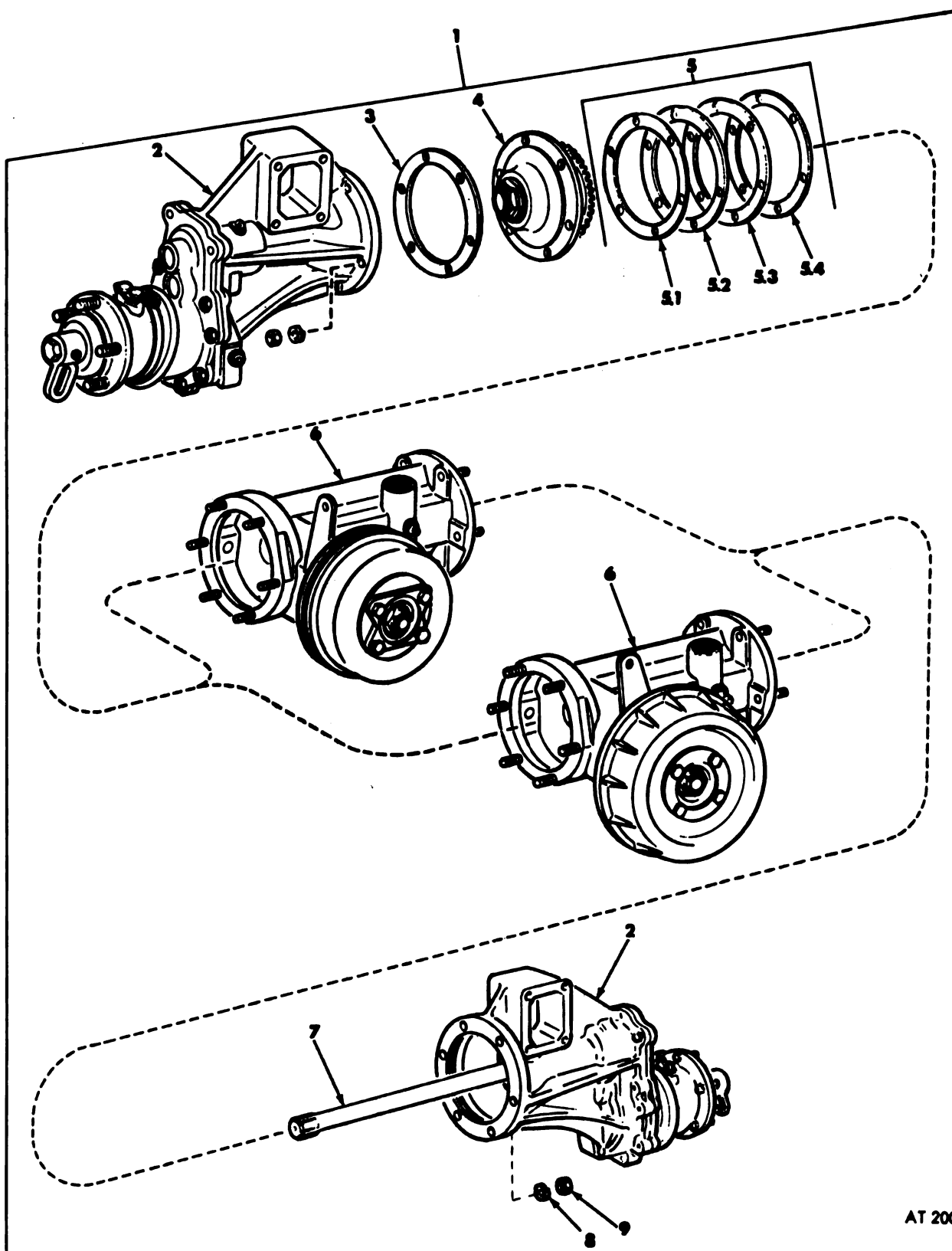
Repair parts for direct and general support

(1) Source, maint. and recov. code			(2) Federal stock No.	(3) Description	(4) Unit of meas	(5) Qty inc in unit pack	(6) Qty inc in unit inc in unit			(7) 30-day DS maint allowance			(8) 30-day GS maint allowance			(9) 1-yr. alw. per 100 equip. cntgy planning	(10)	(11) Illustration	
(a) Source	(b) maint.	(c) recov.					(a)	(b)	(c)	(a)	(b)	(c)	(a)	(b)	(c)			(a) Figure No.	(b) Item or sym. No.
P	F		2520-697-3834	1000—FRONT AXLE ASSEMBLY—Continued	EA													22	2
P	F		2520-697-3845	GEAR, HELICAL: drive axle shaft 7966763 (19207)	EA	2	*	*	2	*	*		*	*		8		22	16
P	F		2520-725-5184	GEAR, HELICAL: wheel joint driven axle 7966765 (19207)	EA	1	*	*	*	*	*		*	*		5		22	6
P	F		2520-697-4329	HOUSING: drop gear axle 8336277 (19207)	EA	1	*	*	*	*	*		*	*		5		22	10
P	O		5315-616-5520	Consists of: HOUSING, AXLE: axle drop gear 7966906 (19207)	EA	2	*	*	*	*	*		*	*		5		22	11
P	O		5310-680-5384	KEY, WOODRUFF: front axle drive shaft MS35756-14 (96906)	EA	2	*	*	2	*	*		*	*		10		22	14
P	F		4730-082-5965	PIN: axle assy drop gear housing MS35692-625 (96906)	EA	1	*	*	2	*	*		*	*		10		22	9
P	O		4730-089-3298	PLUG, PIPE, HEADLESS: axle drop gear housing MS49005-2 (96906)	EA	2	*	*	2	*	*		*	*		10		22	13
P	F		2520-697-4286	PLUG: filler and drain MS49005-8 (96906)	EA	2	*	*	2	*	*		*	*		15		22	7
P	F		5307-698-4414	SEAL, PLAIN, ENCASED: axle shaft outer 7966768 (19207)	EA	8	*	*	2	*	*		*	*		10		22	8
P	F		5340-588-8574	STUD, PLAIN: knuckle support and drop gear housing 7966528 (19207)	EA	2	*	*	2	*	*		*	*		15		22	3
P	F		5340-804-2027	RING, RETAINING: retaining brg, axle shaft 7966810 (19207)	EA	2	*	*	2	*	*		*	*		15		22	1
P	F		2520-711-5822	RING, RETAINING: front axle shaft drive gear MS16624-1093 (96906)	EA	1	*	*	2	*	*		*	*		10		22	12
P	F		2520-711-5820	SHAFT, AXLE, AUTOMOTIVE: axle, left, short 7045746 (19207)	EA	1	*	*	2	*	*		*	*		10		22	4
P	F		2520-561-9112	SHIM, AXLE SHAFT: front axle shaft inner brg 7045747 (19207)	EA	2	*	*	2	*	*		*	*		15		22	17
X1	F			SHIM SET: wheel joint driven gear brg 5702425 (19207)	EA	2	*	*	2	*	*		*	*				22	17.1
X1	F			Consists of: SHIM: 0.003 7966788 (19207)	EA	2	*	*										22	17.2
X1	F			SHIM: 0.005 7966789 (19207)	EA	2	*	*										22	17.3
X1	F			SHIM: 0.010 7966790 (19207)	EA	2	*	*										22	17.4
P	F		5310-697-3856	SHIM: 0.030 (7966791 (19207)	EA	4	*	*	2	*	*		*	*		10		22	18
P	F		3110-832-6904	WASHER, FLAT: thrust, axle drop idler gear 7966793 (19207)	EA	1	*	*	2	*	*		*	*		10		23	6
P	F		3110-100-5993	BEARING ASSY: front axle drive 11592012 (19207)	EA	1	*	*	*	*	*		*	*		10		23	2
P	F			BEARING ASSY: front axle drive gear MS19081-45 (96906)	EA	1	*	*	*	*	*		*	*		10		23	2

Repair parts for direct and general support

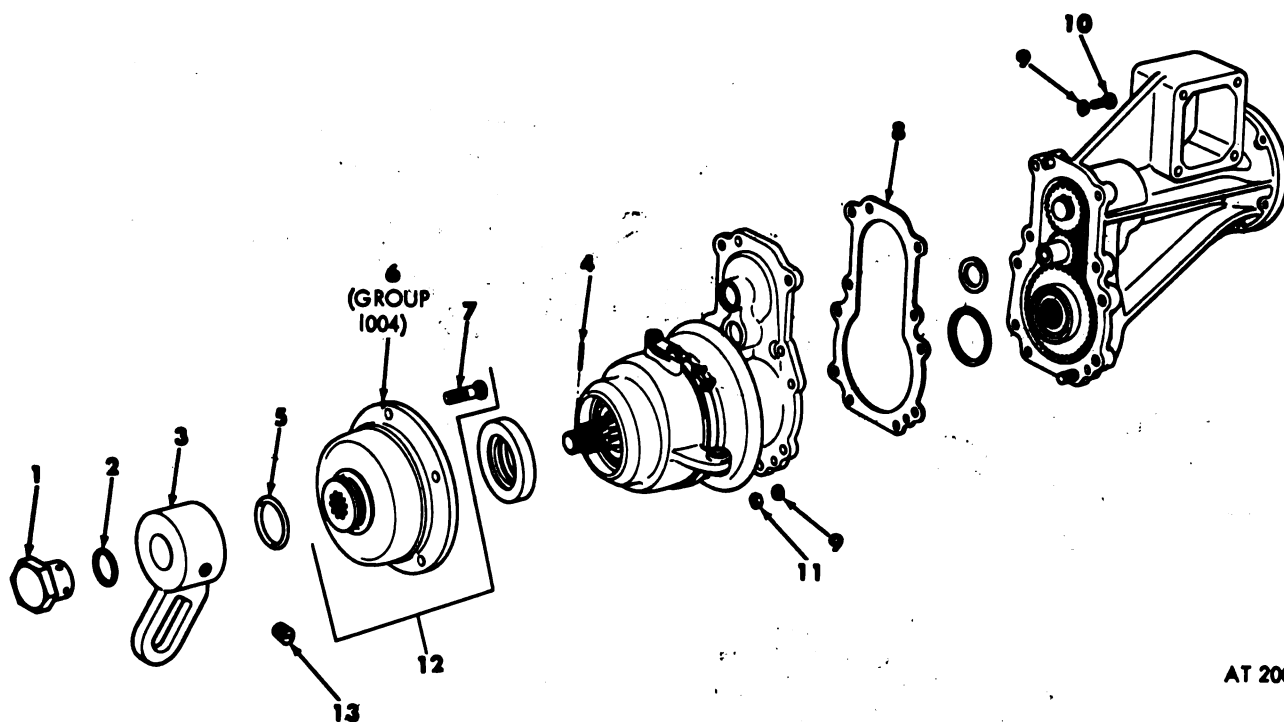
(1) Source, maint. and recov. code			(2) Federal stock No.	(3) Description	(4) Unit of meas	(5) Qty inc in unit pack	(6) Qty inc in unit pack			(7) 30-day DS maint allowance			(8) 30-day GS maint allowance			(9) 1-yr. alw. per 100 equip. cntgy. planning	(10)	(11) Illustration (a) (b) Figure Item No. or sym. No.
(a)	(b)	(c)					(a)	(b)	(c)	(a)	(b)	(c)	(a)	(b)	(c)			
Source	Maint.	Recov.																
P	F		3110-975-3586	1000—FRONT AXLE ASSEMBLY—Continued Consists of: BEARING, ROLLER NEEDLE: front axle idler gear MS17131-26 (96906) (M274A2, M274A4, M274A5)	EA	4	*	2	2	*	2	2	*	2	2	15	25	7
P	F		2520-087-4380	CARRIER: 8336158 (19207)	EA	1	*	*	*	*	*	*	*	*	*	5	25	5
P	O		4730-050-4208	FITTING, LUBRICATION: carrier assy MS15003-1 (96906)	EA	1	*	*	2	*	*	2	*	*	2	10	25	9
P	O		4730-044-4667	PLUG, PIPE: drop gear housing 444667 (21450)	EA	1	*	*	2	*	*	2	*	*	2	10	25	10
P	O		5330-999-1098	SEAL: steering bellcrank bearing 8336231 (19207) optional with seal 7965627 (19207)	EA	2	*	*	2	*	*	2	*	*	2	10	25	8
P	F		2520-697-4206	SEAL PLAIN, ENCASED: oil axle shaft, inner 7966787 (19207)	EA	1	*	*	2	*	*	2	*	*	2	10	25	2
P	F		5307-698-4406	STUD, PLAIN: drop gear housing to gear carrier 7966650 (19207)	EA	1	*	*	2	*	*	2	*	*	2	10	25	3
P	F		5307-933-2255	STUD, PLAIN: drive pinion retainer 11592078 (19207) (M274A2, M274A4, M274A5)	EA	4	*	*	2	*	*	2	*	*	2	10	25	11
P	F		5307-698-4408	STUD, PLAIN: drive pinion retainer 7966680 (19207) (M274A3)	EA	4	*	*	2	*	*	2	*	*	2	10	25	11
P	F		5307-698-4388	STUD: 7966649 (19207)	EA	6	*	*	2	*	*	2	*	*	2	10	25	6
P	O		2530-832-6844	VENT ASSY: front axle gear carrier housing 7966661 (19207)	EA	1	*	*	2	*	*	2	*	*	2	10	25	4
P	F		3110-975-3586	BEARING, ROLLER, NEEDLE: roller needle, outer front axle shaft MS17131-26 (96906) (M274A2, M274A4, M274A5)	EA	2	*	*	2	*	*	2	*	*	2	10	26	21
P	F		2530-508-2297	COVER: front axle drop gear 7966679 (19207)	EA	2	*	*	*	*	*	*	*	*	*	5	26	20
P	F		5340-587-1447	PLUG, EXPANSION: axle drop gear cover 8336138 (19207)	EA	4	*	*	2	*	*	2	*	*	2	15	26	19
P	F		3110-156-4712	1002—DIFFERENTIAL BEARING, BALL, ANNULAR: wheel hub axle 714249 (21450)	EA	2	*	*	2	*	*	2	*	*	2	10	26	9
P	F		3110-155-7432	BEARING, ROLLER TAPERED: kingpin brg 703097 (21450)	EA	4	*	*	2	*	*	2	*	*	2	15	26	22
P	F		2520-697-3802	1004—STEERING MECHANISM BEARING, SLEEVE: axle wheel joint 7966792 (19207)	EA	2	*	*	2	*	*	2	*	*	2	10	26	12
P	F		2530-697-4078	BOOT: dust and moisture seal, steering knuckle 7966754 (19207)	EA	2	*	*	2	*	*	2	*	*	2	15	26	18

P	F	2520-697-3995	PIN, PIVOT, STEERING: kingpin brg 7966755 (19207)	EA	4	*	*	2	*	2	2	*	*	10	26	6
P	O	2520-508-2293	CLAMP, BOOT, STEERING: boot steering knuckle 7966756 (19207)	EA	2	*	*	2	*	2	2	*	*	10	26	13
P	O	2520-953-4885	FLANGE, DRIVE WHEEL: axle 7045775 (19207)	EA	2	*	*	2	*	2	2	*	*	10	21	6
P	O	2520-508-2293	CLAMP, BOOT, STEERING: boot steering knuckle 7966756 (19207)—Continued	EA	2	*	*	2	*	2	2	*	*	10	26	13
X1	O		Consists of: CLAMP, STEERING KNUCKLE 7049711 (19207)	EA	1										26	14
P	O	5310-982-4937	NUT, PLAIN, SQUARE: steering knuckle boot clamp MS27040-8 (96906)	EA	2	*	*	2	*	2	2	*	*	10	26	15
P	O	5305-984-6216	SCREW, MACH: clamp assy knuckle boot MS35223-69 (96906)	EA	1	*	*	2	*	2	2	*	*	10	26	16
P	F	2530-909-2472	KNUCKLE, STEERING: steering, left front 8336228 (19207)	EA	1	*	*	*	*	*	*	*	*	5	26	2
P	F	2520-508-2319	Consists of: KNUCKLE, STEERING: steering, left front 7966758 (19207)	EA	*	*	*	*	*	*	*	*	*	5	26	3
P	F	5307-011-3240	STUD, PLAIN: steering knuckle assy, LH 113240 (21450)	EA	4	*	*	2	*	2	2	*	*	10	26	4
P	F	2530-915-7111	KNUCKLE, STEERING: steering, right front 8336229 (19207)	EA	1	*	*	*	*	*	*	*	*	5	26	2
P	F	2520-562-8925	Consists of: KNUCKLE, STEERING: steering, right front 7966757 (19207)	EA	1	*	*	*	*	*	*	*	*	5	26	3
P	F	5307-011-3240	STUD, PLAIN: steering knuckle assy, RH 113240 (21450)	EA	1	*	*	2	*	2	2	*	*	10	26	4
P	F	5310-880-7746	NUT, PLAIN, HEX: front axle kingpin brg cap MS51968-5 (96906)	EA	8										26	8
P	F	5340-923-8138	RING, RETAINING: wheel hub brg 10946839 (19207) (M274A2, M274A4, M274A5)	EA	2	*	*	2	*	2	2	*	*	15	26	10
P	F	5330-954-1245	SEAL: wheel hub 11591951 (19207)	EA	2	*	*	2	*	2	2	*	*	15	26	1
P	F	2520-561-9113	SHIM SET: pivot pin bearing 5702423 (19207)	EA	2	*	*	*	*	2	2	*	*	10	26	5
X1	F		Consists of: SHIM: 0.003 7966759 (19207)	EA	2										26	5.1
X1	F		SHIM: 0.005 7966760 (19207)	EA	2										26	5.2
X1	F		SHIM: 0.010 7966761 (19207)	EA	2										26	5.3
X1	F		SHIM: 0.030 7966762 (19207)	EA	2										26	5.4
P	F	2520-508-2356	UNIVERSAL JOINT, FRONT: wheel drive assy 7966766 (19207)	EA	2	*	*	2	*	2	2	*	*	15	26	11
P	F	5310-639-8061	WASHER, LOCK: axle kingpin bearing cap 11592013 (19207)	EA	4	*	*	2	*	2	2	*	*	10	26	7
P	F	9506-191-3680	WIRE, STEEL, CARBON: steering knuckle boot locking 22-W-1631-110 (80244) (make from Spec QQ-W-461)	A/R	A/R										26	17



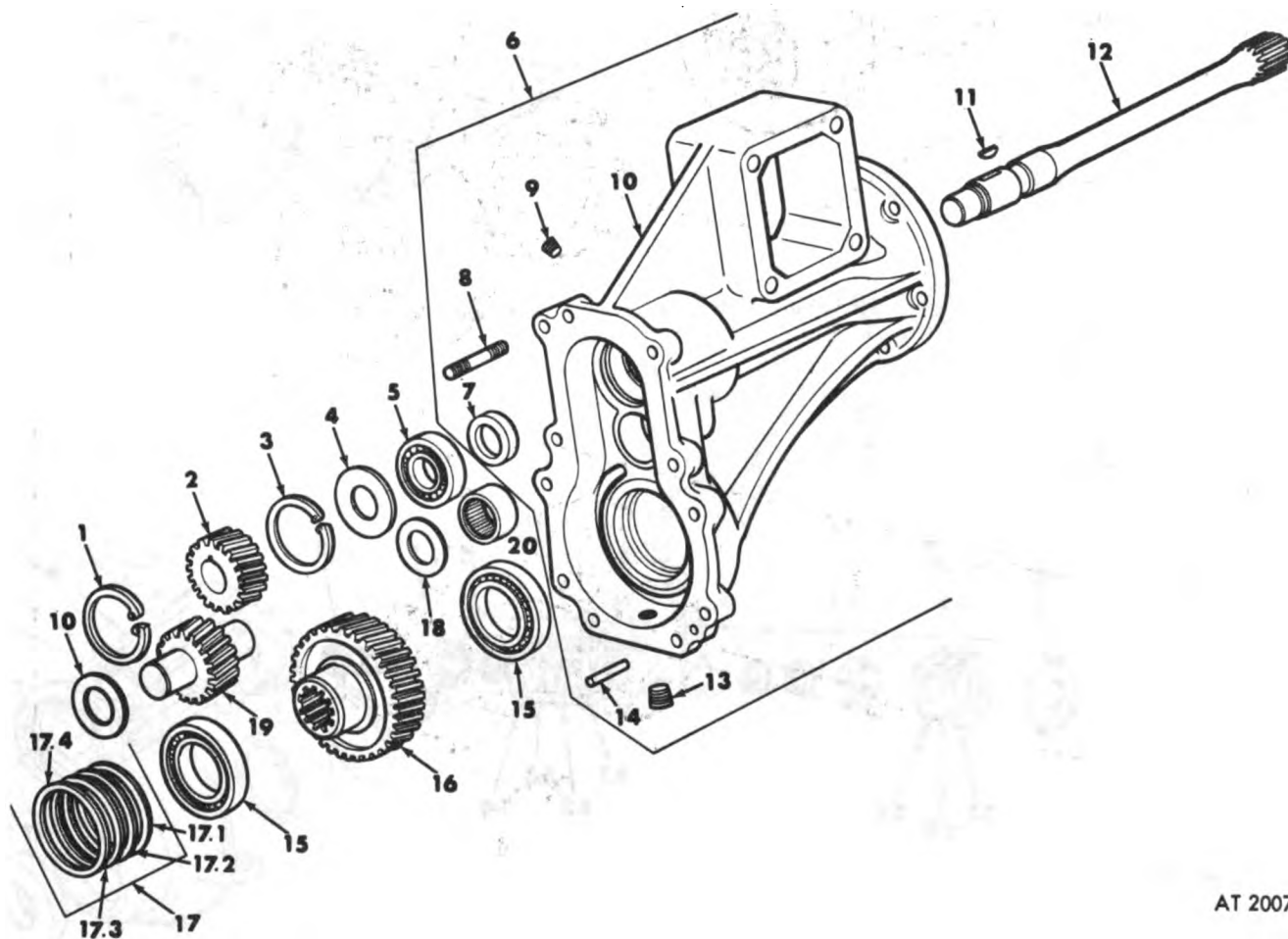
AT 20074

Figure 20. Front axle assembly—partially exploded view.



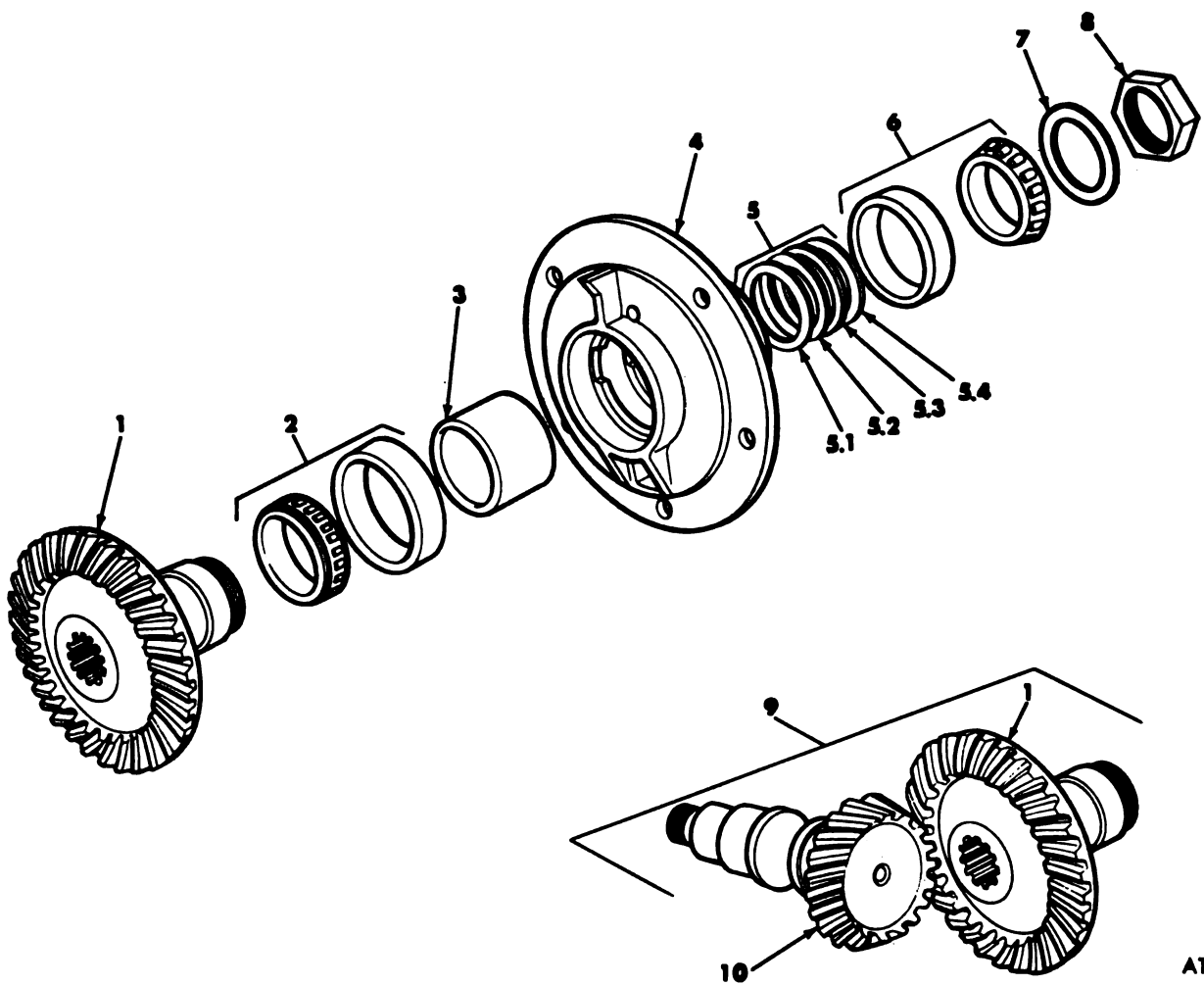
AT 20075

Figure 21. Front axle subassembly—partially exploded view.



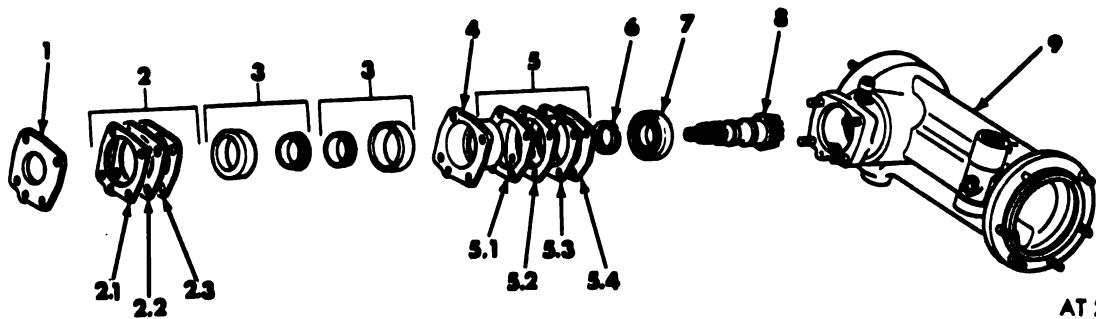
AT 20076

Figure 22. Front axle housing assembly—exploded view.



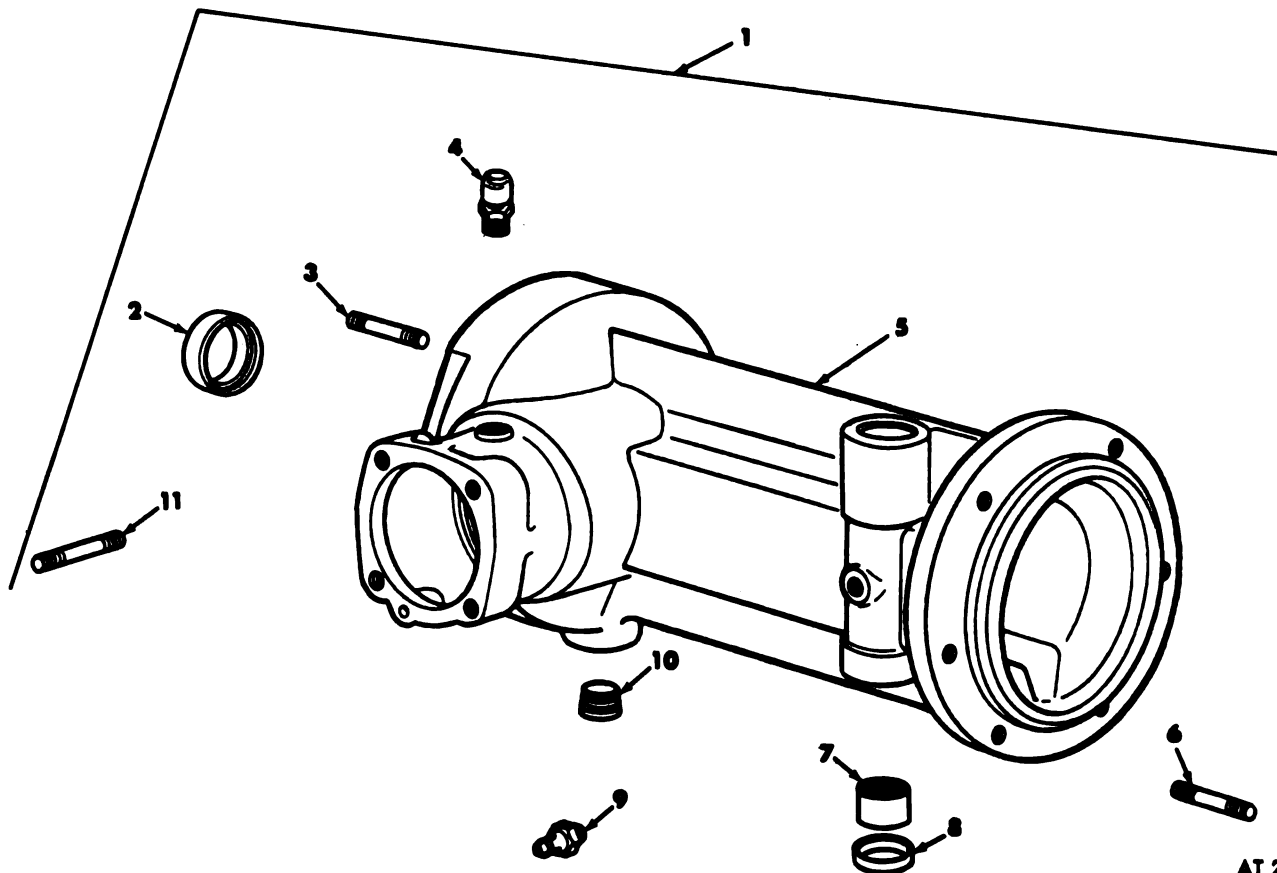
AT 20077

Figure 23. Front axle bearing cage assembly—exploded view.



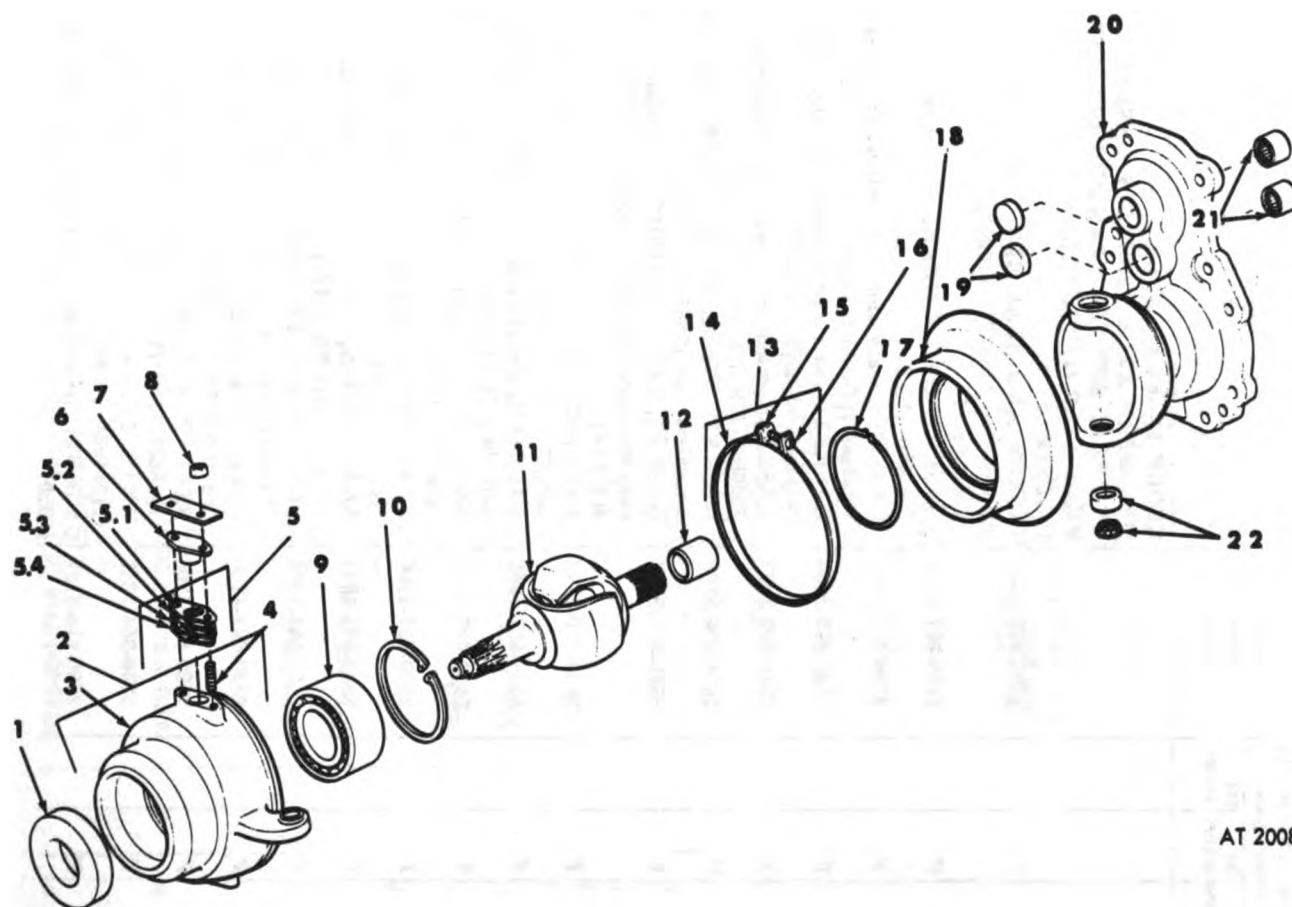
AT 20078

Figure 24. Front axle carrier assembly—exploded view.



AT 20079

Figure 25. Front axle carrier—exploded view.



AT 20080

Figure 26. Front axle steering knuckle assembly—exploded view.

Repair parts for direct and general support

(1) Source, maint. and recov. code		(2) Federal stock No.	(3) Description	(4) Unit inc in of meas	(5) Qty inc in unit pack	(6) 30-day DS maint allowance			(7) 30-day GS maint allowance			(9) 1-yr. alw. per 100 equip. cntgy. planning	(10)	(11) Illustration	
(a)	(b)					(a)	(b)	(c)	(a)	(b)	(c)			(a) Figure No.	(b) or sym. No.
P	F	2520-065-7539	GROUP 11—REAR AXLE 1100—REAR AXLE ASSEMBLY GASKET AND SEAL SET FOR TRANSMISSION AND REAR AXLE OVERHAUL (NON- ILLUSTRATED)	EA	1	*	2	2	*	2	2	15			
P	F	2520-697-3813	GASKET AND SEAL SET: rear axle and transmission 11592075 (19207)	EA	1	*	*	2	*	*	2	10			
P	F	2520-697-3878	Consists of: GASKET, DRIVE GEAR: brg cage 7966698 (19207)	EA	2	*	*	2	*	*	2	10			
P	F	2520-933-2256	GASKET: main and intermediate shaft brg retainer 7966599 (19207)	EA	4	*	*	2	*	*	2	10			
P	F	2520-697-3892	GASKET: main and intermediate shaft brg retainer 7966599-1 (19207)	EA	2	*	*	2	*	*	2	10			
P	F	2520-508-2309	GASKET: main drive gear brg retainer 7966596 (19207)	EA	2	*	*	2	*	*	2	10			
P	F	2520-508-2310	GASKET, STEERING KNUCKLE: steering knuckle cover 7966597 (19207)	EA	2	*	*	2	*	*	2	10			
P	F	2530-678-3178	GASKET, CASE END COVER: transmission case end cover 7966598 (19207) (M274A3, M274A4)	EA	2	*	*	2	*	*	2	10			
P	F	5330-954-1246	PACKING, PREFORMED: "O" ring wheel hub 7045709 (19207)	EA	2	*	*	2	*	*	2	10			
P	F	2520-697-4206	PACKING, PREFORMED: "O" ring wheel hub 7953454 (19207)	EA	1	*	*	2	*	*	2	10			
P	F	2520-697-4286	SEAL, PLAIN, ENCASED: axle shaft 7966787 (19207)	EA	2	*	*	2	*	*	2	10			
P	F	2520-571-6577	SEAL, PLAIN, ENCASED: axle shaft 7966768 (19207)	EA	1	*	*	2	*	*	2	10			
P	F	2520-999-1293	SEAL, PLAIN, ENCASED: input shaft 8748919 (19207) (M274A2, M274A3)	EA	2	*	*	2	*	*	2	10			
P	F	2520-697-4305	SEAL, PLAIN, ENCASED: input shaft 10946841 (19207) (not used on M274A3)	EA	1	*	*	2	*	*	2	10			
P	F	2520-697-4308	SEAL, PLAIN, ENCASED: output shaft brg cap 7966691 (19207)	EA	6	*	*	2	*	*	2	10			
P	F	5330-954-1245	SEAL, PLAIN, ENCASED: shift rail 7966631 (19207)	EA	2	*	*	2	*	*	2	10			
P	F	2520-918-6194	SEAL, PLAIN, ENCASED: wheel hub 11591951 (19207)	EA	1	*	*	2	*	*	2	15		27	1
			GASKET: transmission subassembly 10941196 (19207)												

P	F	5310-880-7746	NUT: hex plain, rear axle drop gear housing MS51968-5 (96906)	EA	6	*	*	*	*	2	*	*	2	10	27	7
P	F	2520-073-8706	REAR AXLE SUBASSY: (NPN) (For details see fig 30)	EA	1	*	*	*	*	2	*	*	2		27	6
P	F	2520-930-6932	REAR AXLE AND TRANSMISSION ASSY: 10945102 (19207) M274A2, M274A3, M274A4	EA	1	*	*	*	*	2	*	*	2	8	27	9
P	F	5310-407-9566	TRANSMISSION SUBASSY: (NPN) (For details see figs 34, 35, 36)	EA	1	*	*	*	*	2	*	*	2	8	27	2
X2	O	2520-936-2264	REAR AXLE AND TRANSMISSION ASSY: 11592089 (19207) M274A5	EA	1	*	*	*	*	2	*	*	2	10	27	9
P	F	2520-697-3813	WASHER: lock split, rear axle drop gear housing MS35338-45 (96906)	EA	6	*	*	*	*	2	*	*	2	10	27	8
P	F	2520-561-9117	DRIVE GEAR ASSY: (NPN) (For details see fig 29)	EA	1	*	*	*	*	2	*	*	2		27	4
P	F	5310-880-7746	GASKET: brg cage, rear axle drive 7966698 (19207)	EA	1	*	*	*	*	2	*	*	2	15	27	5
X1	F	2520-711-5823	SHIM SET: drive gear 5702426 (19207)	EA	1	*	*	*	*	2	*	*	2	15	27	3
X1	F	5310-880-7746	Consists of:	EA	1	*	*	*	*	2	*	*	2		27	3.1
X1	F	2520-936-2264	SHIM: 0.003 7966685 (19207)	EA	1	*	*	*	*	2	*	*	2		27	3.2
X1	F	2520-936-2264	SHIM: 0.005 7966686 (19207)	EA	1	*	*	*	*	2	*	*	2		27	3.3
X1	F	2520-936-2265	SHIM: 0.010 7966687 (19207)	EA	1	*	*	*	*	2	*	*	2		27	3.4
P	F	2520-508-2309	SHIM: 0.030 7966688 (19207)	EA	12	*	*	*	*	2	*	*	2	10	28	5
P	F	5310-880-7746	NUT, PLAIN, HEXAGON: rear axle drop gear housing MS51968-5 (96906)	EA	1	*	*	*	*	2	*	*	2		28	1
P	F	2520-711-5823	REAR AXLE SUBASSY: (NPN)	EA	1	*	*	*	*	2	*	*	2	15	28	2
P	F	5310-407-9566	SHAFT, AXLE, AUTOMOTIVE: axle left, long 7045745 (19207)	EA	1	*	*	*	*	2	*	*	2		28	3
P	F	2520-561-9114	TRANSMISSION SUBASSY: (NPN)	EA	12	*	*	*	*	2	*	*	2		28	4
X1	F	2520-936-2263	WASHER, LOCK: rear axle drop gear housing MS35338-45 (96906)	EA	1	*	*	*	*	2	*	*	2	15	29	7
P	F	5310-880-7746	SHIM SET: bevel drive gear brg 5702424 (19207)	EA	1	*	*	*	*	2	*	*	2		29	7.1
P	F	2520-936-2264	Consists of:	EA	1	*	*	*	*	2	*	*	2	5	29	7.2
P	F	2520-936-2265	SHIM: 0.003 7966947 (19207)	EA	1	*	*	*	*	2	*	*	2	5	29	7.3
P	F	2520-508-2309	SHIM: 0.005 7966948 (19207)	EA	1	*	*	*	*	2	*	*	2	5	29	7.4
P	F	5310-880-7746	SHIM: 0.010 7966949 (19207)	EA	2	*	*	*	*	2	*	*	2	15	30	9
P	F	5306-225-8499	SHIM: 0.030 7966950 (19207)	EA	16	*	*	*	*	2	*	*	2	10	30	13
P	F	5310-045-3296	GASKET: steering knuckle support and end cover 7966597 (19207)	EA	4	*	*	*	*	2	*	*	2	10	30	11
P	F	3110-120-3100	NUT, PLAIN: rear axle drop gear cover MS51968-5 (96906)	EA	20	*	*	*	*	2	*	*	2	10	30	10
P	F		SCREW, CAP HEXAGON: drop gear housing and steering knuckle cover MS90725-34 (96906)	EA	6	*	*	*	*	2	*	*	2	15	31	21
			WASHER, LOCK: rear axle drop gear cover MS35338-43 (96906)	EA		*	*	*	*	2	*	*	2			
			BEARING: roller, outer rear axle shaft 713759 (21450)	EA		*	*	*	*	2	*	*	2			

Repair parts for direct and general support

(1) Source, maint. and recov. code			(2) Federal stock No.	(3) Description	(4) Unit of meas	(5) Qty inc in unit pack	(6) Qty inc in unit			(7) 30-day DS maint allowance			(8) 30-day GS maint allowance			(9) 1-yr. alw. per 100 equip. cntgy. planning	(10)	(11) Illustration	
(a) Source	(b) Maint.	(c) Recov.					(a)	(b)	(c)	(a)	(b)	(c)	(a)	(b)	(c)			(a) Figure No.	(b) Item or sym. No.
P	F		2530-508-2297	1100—REAR AXLE ASSEMBLY—Continued	EA	2	*	*	*	*	*	*	*	*	*	5		31	20
P	F		5340-587-1447	COVER, STEERING: rear axle drop gear 7966679 (19207) (M274A2, M274A3, M274A4)	EA	4	*	*	2	*	*	2	*	*	2	10		31	19
P	F		3110-120-3100	PLUG, EXPANSION: axle drop gear cover 8336138 (19207)	EA	6												32	4
P	F		2520-930-6933	BEARING: roller needle, outer rear axle shaft 713759 (21450)	EA	2												32	5
P	F		5340-587-1447	COVER, HOUSING, GEAR: rear axle drop gear 11592090 (19207) (M274A5)	EA	4												32	3
P	F		3110-144-8518	PLUG, EXPANSION: axle drop gear cover 8336138 (19207)	EA	6												33	5
P	F		3110-120-3100	BEARING: axle shaft 700078 (21450)	EA	2	*	*	2	*	*	2	*	*	2	10		33	20
P	F		3110-832-6904	BEARING: roller needle, outer rear axle shaft 713759 (21450)	EA	4	*	*	*	*	*	*	*	*	*	10		33	15
P	F		2520-697-3848	BEARING, ROLLER, TAPERED: wheel joint driven gear 11592012 (19207)	EA	2	*	*	*	*	*	*	*	*	*	5		33	19
P	F		2520-697-3834	GEAR, HELICAL: idler axle 7966764 (19207)	EA	2	*	*	*	*	*	*	*	*	*	5		33	2
P	F		2520-697-3845	GEAR, HELICAL: rear axle drive shaft 7966763 (19207)	EA	2	*	*	*	*	*	*	*	*	*	5		33	16
P	F		2520-725-5184	GEAR, HELICAL: wheel joint driven 7966765 (19207)	EA	2	*	*	*	*	*	*	*	*	*	5		33	6
P	F		2520-697-4329	HOUSING ASSY: drop gear 8336277 (19207)	EA	2	*	*	*	*	*	*	*	*	*	10		33	10
P	F		5315-283-0850	Consists of: HOUSING, AXLE: axle drop gear 7966906 (19207)	EA	4	*	*	*	*	*	*	*	*	*	10		33	14
P	F		4730-082-5965	PIN, DOWEL: knuckle cover to housing MS35692-35 (96906)	EA	2	*	*	*	*	*	*	*	*	*	10		33	9
P	O		4730-089-3298	PLUG, PIPE: axle drop gear housing MS49005-2 (96906)	EA	4	*	*	*	*	*	*	*	*	*	10		33	13
P	F		2520-697-4286	PLUG, PIPE: filler and drain drop gear housing MS49005-8 (96906)	EA	2	*	*	*	*	*	*	*	*	*	10		33	7
P	F		5307-698-4414	SEAL: oil, axle shaft outer 7966768 (19207)	EA	16	*	*	*	*	*	*	*	*	*	10		33	8
P	F		5315-616-5520	STUD, PLAIN: drop gear housing 7966528 (19207)	EA	2	*	*	*	*	*	*	*	*	*	10		33	11
P	F		5340-588-8574	KEY, WOODRUFF: drive shaft MS35756-14 (96906)	EA	2	*	*	*	*	*	*	*	*	*	10		33	3
P	O		5340-804-2027	RING: retaining brg, axle shaft 7966810 (19207)	EA	4	*	*	*	*	*	*	*	*	*	10		33	1
P	O			RING, RETAINING: rear axle shaft drive gear MS16624-1093 (96906)	EA	4	*	*	*	*	*	*	*	*	*	10		33	1

P	F	2520-711-5822	SHAFT, AXLE, AUTOMOTIVE: axle, right, short 7045746 (19207)	EA	1	*	*	2	*	10	33	12
P	F	2520-711-5820	SHIM: rear axle shaft inner brg 7045747 (19207)	EA	1	*	*	2	*	10	33	4
P	F	5310-697-3856	WASHER, FLAT: thrust, axle drop gear idler 7966793 (19207)	EA	4	*	*	2	*	10	33	18
P	F	2520-933-2256	GASKET: intermediate shaft brg retainer 7966599-1 (19207)	EA	2	*	*	2	*	10	34	2
P	F	5310-880-7746	NUT, PLAIN: transmission main and intermediate shaft brg cap MS1968-5 (96906)	EA	8	*	*	2	*	10	34	5
P	F	2520-508-2333	RETAINER, BEARING: main and intermediate shaft 7966695 (19207)	EA	2	*	*	2	*	10	34	3
P	F	2520-561-9115	SHIM SET: output brg transmission 5702427 (19207)	EA	2	*	*	2	*	10	34	8
			Consists of:									
X1	F		SHIM: 0.003 7966704 (19207)	EA	2						34	8.1
X1	F		SHIM: 0.005 7966705 (19207)	EA	2						34	8.2
X1	F		SHIM: 0.010 7966706 (19207)	EA	2						34	8.3
X1	F		SHIM: 0.030 7966707 (19207)	EA	2						34	8.4
X1	F		TRANSMISSION SUBASSY: (NPN)	EA	1						34	1
P	F	5310-407-9566	WASHER, LOCK: transmission main and intermediate shaft brg cap MS35338-45 (96906)	EA	8	*	*	2	*	10	34	4
			Consists of:									
P	F	3110-144-8518	BEARING: main and intermediate transmission rear 700078 (21450) (M274A2, M274A3, M274A4)	EA	2	*	*	2	*	10	35	10
P	F	5306-678-4778	BOLT, SELF-LOCKING: main and intermediate shaft brg 8764610 (19207)	EA	2	*	*	2	*	10	35	12
P	F	2520-697-3878	GASKET: intermediate shaft brg retainer 7966599 (19207)	EA	2	*	*	2	*	10	35	8
P	F	2520-508-2334	RETAINER, BEARING: intermediate shaft 7966208 (19207)	EA	2	*	*	2	*	10	35	9
P	F	2520-561-9115	SHIM SET: output shaft brg transmission 5702427 (19207)	EA	1	*	*	2	*	10	35	18
			Consists of:									
X1	F		SHIM: 0.003 7966704 (19207)	EA	2						35	18.1
X1	F		SHIM: 0.005 7966705 (19207)	EA	2						35	18.2
X1	F		SHIM: 0.010 7966706 (19207)	EA	2						35	18.3
X1	F		SHIM: 0.030 7966707 (19207)	EA	2						35	18.4
P	F	5310-655-9648	WASHER, FLAT: transmission main and intermediate 8764611 (19207)	EA	2	*	*	2	*	10	35	11
P	F	3110-100-6151	EAL, BEARING: transmission gearshift, rail poppet MS19059-49 (96906)	EA	3	*	*	2	*	15	36	12
P	F	3110-144-8518	BEARING: transmission main drive gear 700078 (21450)	EA	1	*	*	2	*	10	36	7
			DRIVE SHAFT AND GEAR: (NPN) (For details see fig 37)	EA	1						36	19

Repair parts for direct and general support																
(1) Source, maint. and recov. code			(2) Federal stock No.	(3) Description	(4) Unit of meas	(5) Qty inc in unit pack	(7) 30-day DS maint allowance			(8) 30-day GS maint allowance			(9) 1-yr. alw. per 100 equip. cntgy. planning	(10)	(11) Illustration	
(a) Source	(b) Maint.	(c) Recov.					(a) 1-20	(b) 21-50	(c) 51-100	(a) 1-20	(b) 21-50	(c) 51-100			(a) Figure No.	(b) Item or sym. No.
P	F		2520-508-2308	1100—REAR AXLE ASSEMBLY—Continued	EA		1	*	2	*	*	2	10		36	16
P	F		5306-588-0020	FORK, RANGE SHIFT: high and low range 7966673 (19207)	EA		1	*	*	*	*	*	5		36	1
P	F		2520-697-3892	FULCRUM: clutch control lever 7055683 (all models)	EA		2	*	*	*	*	2	10		36	3
P	F		2520-996-7274	GASKET: transmission main drive gear 7966596 (19207)	EA		1	*	*	*	*	*	5		36	14
P	F		2520-508-2318	GEARSHAFT, BEVEL, SPUR: intermediate gear 11592021 (19207) (M274A2, M274A5, M274A4)	EA		1	*	*	*	*	*	5		36	14
X2				GEARSHAFT, BEVEL, SPUR: intermediate 7966668 (19207) (M274A3)	EA		1								36	13
P	F		5310-880-7746	MAIN SHAFT AND GEAR ASSY: (NPN) (For details see fig 38)	EA		4	*	*	*	*	2	10		36	21
P	F		4730-769-6481	NUT: hex transmission main drive gear retainer MS51968-5 (96906)	EA		1	*	*	*	*	2	10		36	10
P	F		2520-996-7218	PLUG, POPPET: shifter shaft 7696481 (19207)	EA		1	*	*	*	*	*	5		36	2
P	F		2520-588-0006	RETAINER, GEAR: transmission main drive gear 11592019 (19207) (all models)	EA		1	*	*	*	*	*	5		36	8
P	F		5340-698-4346	RETAINER, BEARING: transmission main drive gear 7760062 (19207)	EA		1	*	*	*	*	*	10		36	5
P	F		5340-999-1097	RING, RETAINING: transmission main drive gear brg 7966658 (19207)	EA		1	*	*	*	*	2	10		36	6
P	F		2520-999-1293	RING, RETAINING: transmission main drive gear brg 8687011 (19207)	EA		2	*	2	*	*	2	15		36	4
P	F		5305-698-3899	SEAL, OIL: main drive gear brg, transmission 10946841 (19207) (all models)	EA		1	*	*	*	*	*	10		36	17
P	F		2520-508-2353	SETSCREW: gear shift fork 7966632 (19207)	EA		1	*	*	*	*	2	8		36	15
P	F		2520-627-2861	SHAFT: gearshift (high and low range) 7966629 (19207)	EA		1	*	*	*	*	2	15		36	11
P	F		5310-407-9566	SPRING, HELICAL, COMPRESSION: transmission shift shaft 7089670 (19207)	EA		1	*	2	*	*	2	10		36	9
M	F		9505-596-1650	TRANSMISSION SUBASSY: (NPN) WASHER, LOCK: split, transmission main drive gear brg outer retainer MS35338-43 (96906) WIRE: shift fork locking 22-W-1631-110 (80244)	EA EA A/R		4	*	*	*	*	2	10		36	20
															36	18

P	F	2520-508-2313	GEAR, SPUR: low speed 7966636 (19207)	EA	1	*	*	*	*	*	*	*	*	5	37	4
X2	F		GEAR ASSY: transmission main drive 11592077 (19207)	EA	1	*	*	*	*	*	*	*	*		38	1
			Consists of:													
P	F	3110-156-7721	BEARING, ROLLER: transmission main drive MS17181-13 (96906)	EA	1	*	*	2	*	*	*	*	2	10	38	3
P	F	2520-065-7540	GEAR, SHAFT, SPUR: transmission main drive 11592076 (19207) (M274A2, M274A4, M274A5)	EA	1	*	*	*	*	*	*	*	*	5	38	2
P	F	2520-561-9108	GEARSHAFT: spur input transmission main drive 8686929 (19207) (M274A3)	EA	1	*	*	*	*	*	*	*	*	5	38	2
P	F	2520-697-3866	GEAR, SPUR: first and reverse 7966711 (19207)	EA	1	*	*	*	*	*	*	*	*	5	38	9
P	F	2520-561-9110	GEAR, SPUR: second speed 8686931 (19207)	EA	1	*	*	*	*	*	*	*	*	5	38	6
			Consists of:													
X1	F		1 - BEARING, SPUR GEAR SECOND SPEED: 8336249 (19207)	EA	1	*	*	*	*	*	*	*	*		38	8
X1	F		1 - GEAR, SPUR SECOND SPEED: 8336250 (19207)	EA	1	*	*	*	*	*	*	*	*		38	8
P	F	2520-096-7279	GEARSHAFT, HELICAL: main shaft, transmission 10946869 (19207) (M274A2, M274A4, M274A5)	EA	1	*	*	*	*	*	*	*	*	5	38	10
P	F	2520-561-9118	GEARSHAFT, HELICAL: main shaft transmission 8686930 (19207) (M274A3)	EA	1	*	*	*	*	*	*	*	*	5	38	10
P	F	5340-360-8138	RING, RETAINING: synchronizer assy 7972452 (19207)	EA	1	*	*	2	*	*	*	*	2	10	38	4
P	F	2520-561-9111	SYNCHRONIZER ASSY: complete 8686932 (19207)	EA	1	*	*	2	*	*	*	*	2	10	38	5
P	F	3110-100-6151	BALL, BEARING: transmission gearshift, rail poppet MS19059-49 (96906)	EA	2	*	*	2	*	*	*	*	2	15	39	2
P	F	2520-508-2312	GEAR ASSY: transmission reverse idler 7966636 (19207)	EA	1	*	*	2	*	*	*	*	2	15	39	13
			Consists of:													
X1	F		BEARING: reverse idler gear 8336244 (19207)	EA	1	*	*	*	*	*	*	*	*		39	15
X1	F		GEAR, SPUR: reverse idler 8336243 (19207)	EA	1	*	*	*	*	*	*	*	*		39	14
P	F	2520-508-2311	GEAR: countershaft cluster 7966635 (19207)	EA	1	*	*	2	*	*	*	*	2	10	39	19
			Consists of:													
X1	F		BUSHING: 8336235 (19207)	EA	2	*	*	*	*	*	*	*	*		39	20
X1	F		GEAR: 8336245 (19207)	EA	1	*	*	*	*	*	*	*	*		39	21
P	F	5315-569-0975	PIN, STRAIGHT, HEADLESS: transmission gear shift rail 7966675 (19207)	EA	1	*	*	2	*	*	*	*	2	15	39	5
P	F	4730-769-6481	PLUG, POPPET: shifter shaft 7696481 (19207)	EA	3	*	*	2	*	*	*	*	2	10	39	4
P	F	5305-698-3899	SETSCREW: gear shift fork 7966632 (19207)	EA	3	*	*	2	*	*	*	*	2	10	39	7

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P	F	5307-587-1439	STUD: steering bracket 7055070 (19207) (all models)	EA	4	*	*	*	2	*	*	2	10	40	13
P	F	5307-589-0957	STUD: steering bracket 7966508 (19207) (M274A2, M274A3, M274A4)	EA	4	*	*	*	2	*	*	2	10	40	6
P	F	5307-698-4400	STUD: transmission case end cover 7966647 (19207) (all models)	EA	7	*	*	*	2	*	*	2	10	40	7
P	F	5307-698-4388	STUD: transmission case left, drop gear housing 7966649 (19207) (all models)	EA	6	*	*	*	2	*	*	2	10	40	12
P	F	5307-698-4406	STUD: transmission case right, drop gear housing 7966650 (19207) (all models)	EA	6	*	*	*	2	*	*	2	10	40	4
P	F	2520-725-5180	HOUSING ASSY: rear axle and transmission 8336248 (19207) (M274A3)	EA	1	*	*	*	*	*	*	*	5	40	1
P	F	2520-697-4331	Consists of: HOUSING: axle, transmission 7966802 (19207)	EA	1	*	*	*	*	*	*	*	5	40	9
X1	F		HOUSING ASSY: rear axle and transmission 11592173 (19207) (M274A4)	EA	1									40	1
P	F	2520-745-7637	HOUSING ASSY: rear axle and transmission 10945096-1 (19207) (M274A5)	EA	1	*	*	*	*	*	*	*	5	40	1
P	F	2520-930-6930	Consists of: HOUSING: axle, transmission 10945101-2 19207)	EA	1	*	*	*	*	*	*	*	5	40	9
P	F	2530-832-6844	VENT ASSY: rear axle and transmission housing 7966661 (19207)	EA	1	*	*	*	2	*	*	2	10	40	2
P	F	3110-100-9939	1102—DIFFERENTIAL BEARING ASSY: rear axle drive gear MS19081-45 (96906)	EA	1	*	*	*	2	*	*	2	10	29	2
P	F	3110-100-3137	Consists of: CONE, BEARING: rear axle drive gear 705391 (21450)	EA	1	*	*	*	*	*	*	*	5	29	3
P	F	3110-100-0513	CUP, BEARING: rear axle drive gear 7998565 (19207)	EA	1	*	*	*	*	*	*	*	5	29	4
P	F	3110-832-6904	BEARING, ROLLER, TAPERED: rear axle drive gear 11592012 (19207)	EA	1	*	*	*	2	*	*	2	10	29	8
P	F	3110-101-0786	Consists of: CONE, BEARING: rear axle drive gear 705389 (21450)	EA	1	*	*	*	*	*	*	*	5	29	10
P	F	3110-100-0512	CUP, BEARING: rear axle drive gear 706817 (21450)	EA	1	*	*	*	*	*	*	*	5	29	9
P	F	2520-697-4412	CAGE, DRIVE GEAR BEARING: drive gear brg 7966917 (19207)	EA	1	*	*	*	2	*	*	2	10	29	6
P	F	2520-698-6593	GEAR SET, DIFFERENTIAL: bevel, matched 7966817 (19207)	EA	1	*	*	*	2	*	*	2	10	29	13
P	F	2520-087-4381	Consists of: GEAR, DRIVE, BEVEL: drive bevel differential 8336217 (19207)	EA	1	*	*	*	2	*	*	2	10	29	1
X1	F		PINION, DRIVE, BEVEL: differential 8336247 (19207)	EA	1									29	14

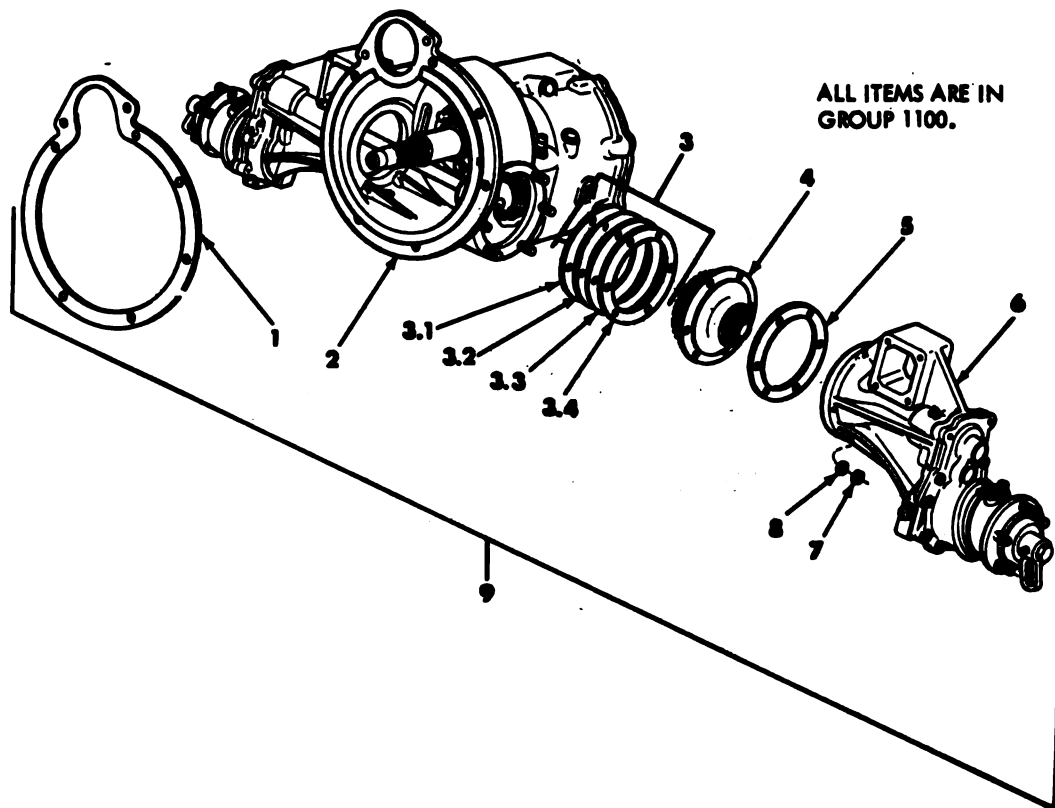
Repair parts for direct and general support															
(1) Source, maint. and recov. code		(2) Federal stock No.	(3) Description	(4) Unit of meas	(5) Qty inc in unit pack	(6) Qty inc in unit	(7) 30-day DS maint allowance			(8) 30-day GS maint allowance			(9) 1-yr. alw. per 100 equip. cntgy. planning	(10)	(11) Illustration (a) (b) Figure Item No. or sym. No.
(a) Source	(b) maint.						(c) recov.	(a) 1-20	(b) 21-50	(c) 51-100	(a) 1-20	(b) 21-50			
P	F	5310-698-4409	1102—DIFFERENTIAL—Continued NUT, PLAIN, HEX: drive gear brg 7966689 (19207)	EA		1	*	*	*	*	*	*	5		29 12
P	F	2520-697-3861	SPACER, SLEEVE: drive gear brg 7966684) (19207)	EA		1	*	*	2	*	*	2	10		29 5
P	F	2520-697-4298	WASHER, KEY: drive gear brg nut 7966808 (19207)	EA		1	*	*	2	*	*	2	10		29 11
P	F	3110-155-7432	1102—DIFFERENTIAL (M274A2, M274A3, M274A4) BEARING ASSY: rear axle kingpin brg 703097 (21450)	EA		2	*	*	2	*	*	2	10		21 22
P	F	5310-880-7746	NUT, PLAIN, HEX: transmission output shaft brg cap MS51968-5 (96906)	EA		4	*	*	*	*	*	*			34 5
P	F	2520-508-2327	RETAINER, BEARING, OUTPUT: output shaft 7966694 (19207)	EA		1	*	*	*	*	*	*	5		34 7
P	F	2520-697-4305	SEAL, PLAIN, ENCASED: output shaft 7966691 (19207)	EA		1	*	2	2	*	2	2	15		34 6
P	F	5310-407-9566	WASHER, LOCK: transmission output shaft brg cap MS35338-45 (96906)	EA		4	*	*	*	*	*	*			34 4
P	F	2520-921-6004	BEARING, ROLLER: drive pinion and output shaft 11592022 (19207)	EA		2	*	*	2	*	*	2	10		35 16
X1	F		COVER ASSY: transmission case end cover 10945116 (19207) (M274A2, M274A5) Consists of: COVER, CASE END: transmission housing 10945117 (19207) SEAL: cover assy transmission housing 7966631 (19207) STUD, PLAIN: main and intermediate shaft bearing retainer 7966528 (19207) (all models) STUD: output shaft bearing retainer 7966648 (19207) (all models) COVER ASSY: transmission case end cover 8336251 (19207)	EA		1	*	*	*	*	*	*	5		35 7
P	F	2520-697-4308		EA		2	*	*	2	*	*	2	10		35 4
P	F	5307-698-4414		EA		8	*	*	2	*	*	2	10		35 5
P	F	2520-698-4402		EA		4	*	*	2	*	*	2	10		35 6
X1	F			EA		1	*	*	*	*	*	*			35 3
P	F	2520-508-2294	COVER ASSY: transmission housing 7966646 (19207) (M274A3, M274A4)	EA		1	*	*	*	*	*	*	5		35 7
P	F	2520-999-1291	GASKET: transmission case end cover 10945118 (19207) (M274A2, M274A5)	EA		1	*	2	2	*	2	2	15		35 2

P	F	2520-508-2310	GASKET: transmission case end cover 7966598 (19207) (M274A3, M274A4)	EA	1	*	2	*	2	*	2	2	15	35	2
P	F	5310-732-0559	NUT, PLAIN, HEX: transmission housing cover MS51968-8 (96906)	EA	7	*	*	2	*	*	*	*	10	35	19
P	F	5310-698-4420	NUT, PLAIN, HEX: output shaft brg 7966714 (19207)	EA	1	*	*	*	*	*	*	*	5	35	13
P	F	2520-508-2330	RETAINER, BEARING: output shaft 7966690 (19207)	EA	1	*	*	*	*	*	*	*	5	35	17
P	F	5310-698-4440	TRANSMISSION SUBASSY: (NPN) (For details see figs 36, 39)	EA	1									35	1
P	F	2520-697-4399	WASHER, FLAT: output brg shaft 7966693 (19207)	EA	1	*	*	*	*	*	*	*	5	35	15
P	F	5310-637-9541	WASHER, KEY: output shaft brg nut 7966803 (19207)	EA	1	*	*	*	2	*	*	2	10	35	14
P	F	3110-144-8534	WASHER, LOCK: transmission housing cover MS35338-46 (96906)	EA	7	*	*	*	2	*	*	2	10	35	20
P	F	2520-697-3798	BEARING, BALL, ANNULAR: axle shaft 700080 (21450)	EA	1	*	*	*	2	*	*	2	10	37	2
P	F	2520-698-6593	BEARING, SLEEVE: rear axle drive gear 7966669 (19207)	EA	1	*	*	*	2	*	*	2	10	37	5
P	F	2520-697-3807	GEAR SET, BEVEL MATCHED: differential 7966817 (19207)	EA	1	*	*	*	2	*	*	2	10	37	8
P	F	2520-087-4381	Consists of: GEAR DRIVE, BEVEL: differential 8336217 (19207)	EA	1	*	*	*	2	*	*	2	10	37	9
X1	F	2520-508-2314	PINION, DRIVE, BEVEL: differential 8336247 (19207)	EA	1									37	1
P	F	5340-698-4194	GEAR, HIGH SPEED: high speed 7966667 (19207)	EA	1	*	*	*	2	*	*	2	10	37	6
P	F	2520-697-3807	RING, RETAINING: rear axle drive gear 7966701 (19207)	EA	1	*	*	*	2	*	*	2	10	37	3
P	F	5306-630-9934	WASHER, THRUST: output shaft, high speed rear axle drive gear 7966670 (19207)	EA	1	*	*	*	2	*	*	2	10	37	7
X1	O	2540-630-5592	1104—STEERING, SIDESHAFT AND WHEEL LEANING MECHANISM HUB ASSY: axle 7045774 (19207)	EA	2									30	5
P	O	5306-630-9934	Consists of: BOLT, MACH: wheel hub 7953458 (19207)	EA	10	*	*	*	2	*	*	2	10	30	7
P	O	2520-953-4885	WHEEL HUB: axle 7045775 (19207)	EA	2	*	*	*	*	*	*	*	5	30	6
P	O		INNER AXLE SUBASSY: (NPN) (see fig 33 for details)	EA	1									30	12
P	O		HOOK, LIFT, WHEEL: wheel hub lifting 7953455 (19207)	EA	2	*	*	*	2	*	*	2	10	30	3
			OUTER AXLE SUBASSY: (NPN) (M274A2), M274A3, M274A4) (see fig 31 for details)	EA	1									30	8
			OUTER AXLE SUBASSY: (NPN) (M274A5) (see fig 32 for details)	EA	1									30	14

Repair parts for direct and general support

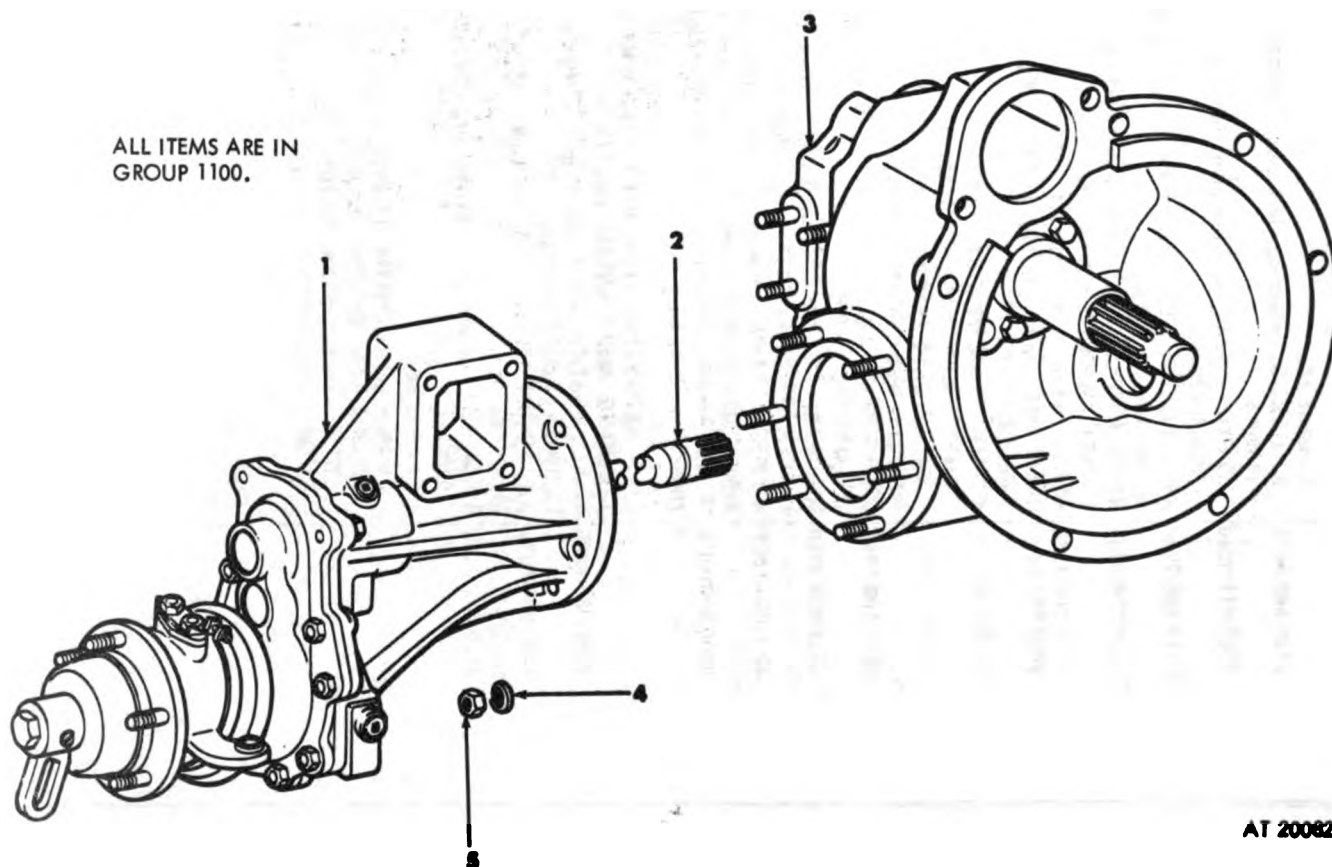
(1)			(2)	(3)	(4)	(5)	(7)				(8)			(9)	(10)	(11)			
Source, maint. and recov. code							Unit of meas	Qty inc in pack	Qty inc in unit	30-day DS maint allowance							30-day GS maint allowance		
(a)	(b)	(c)								(a)	(b)	(c)	(a)				(b)	(c)	
Source Maint. Recov.			Federal stock No.	Description												Illustration Figure Item (a) (b) No. No. or No. No. sym.			
				1104—STEERING, SIDESHIFT AND WHEEL LEANING MECHANISM—Continued															
P	O		5330-531-3714	PACKING, PREFORMED: axle wheel hub MS9021-216 (96906)	EA	2	*	*	2	*	*	2	10		30	2			
P	O		5330-926-1908	PACKING: "O" ring, axle wheel hub MS9021-325 (96906)	EA	2	*	*	2	*	*	2	10		30	4			
P	O		5315-678-4782	PIN, SPRING: wheel hub lifting loop 7341466 (19207)	EA	2	*	*	2	*	*	2	10		30	16			
P	O		4730-082-5965	PLUG, PIPE: wheel hub lifting loop MS49005-2 (96906)	EA	4	*	*	2	*	*	2	10		30	15			
P	O		2530-678-3177	RETAINER NUT: lifting loop 7045710 (19207)	EA	2	*	*	2	*	*	2	10		30	1			
				1104—STEERING, SIDESHIFT AND WHEEL LEANING MECHANISM— (M274A2, M274A3, M274A4)															
P	F		3110-156-4712	BEARING, BALL, ANNULAR: Wheel hub axle 714249 (21450) (all models)	EA	2	*	*	2	*	*	2	10		31	9			
P	F		2520-697-3802	BEARING, SLEEVE: axle wheel joint 7966792 (19207) (all models)	EA	2	*	*	2	*	*	2	10		31	12			
P	F		2530-697-4078	BOOT, DUST: dust and moisture seal, steering knuckle 7966754 (19207)	EA	2	*	*	2	*	*	2	10		31	18			
P	F		2520-697-3995	CAP: kingpin brg 7966755 (19207)	EA	4	*	*	2	*	*	2	10		31	6			
P	O		2520-508-2293	CLAMP, BOOT: boot steering knuckle 7966756 (19207)	EA	2	*	*	2	*	*	2	10		31	15			
				Consists of:															
X1	O			CLAMP: 7049711 (19207)	EA	1									31	13			
P	O		5310-982-4937	NUT: steering knuckle boot clamp MS27040-8)	EA	2	*	*	2	*	*	2	10		31	14			
P	O		5305-984-6216	SCREW, MACH: knuckle boot clamp MS35223-69 (96906)	EA	2	*	*	2	*	*	2	10		31	16			
P	F		2530-909-2472	KNUCKLE: steering, right rear 8336228 (19207)	EA	1	*	*	*	*	*	*	5		31	2			
				Consists of:															
P	F		2520-508-2319	KNUCKLE: steering, right rear 7966758 (19207)	EA	1	*	*	*	*	*	*	5		31	3			
P	F		5307-011-3240	STUD: steering knuckle pivot pin cap 113240 (21450)	EA	4	*	*	2	*	*	2	10		31	4			
P	F		2530-915-7111	KNUCKLE: steering, left rear 8336229 (19207)	EA	1	*	*	*	*	*	*	5		31	2			

P	F	2520-562-8925	Consists of: KNUCKLE: steering, left rear 7966757 (19207)	EA	1	*	*	*	*	*	*	5	31	3
P	F	5307-011-3240	STUD: steering knuckle pivot pin cap 113240 (21450)	EA	4	*	*	*	*	*	*	10	31	4
P	F	5310-880-7746	NUT, PLAIN, HEX: rear axle kingpin brg cap MS51968-5 (96906)	EA	8	*	*	*	*	*	*	10	31	8
P	F	5340-923-8138	RING, RETAINING: wheel hub brg 10946839 (19207) (M274A2, M274A4, M274A5)	EA	2	*	*	*	*	*	*	10	31	10
P	F	5330-954-1245	SEAL: wheel hub 11591951 (19207)	EA	2	*	*	*	*	*	*	10	31	1
P	F	2520-561-9113	SHIM SET: pivot pin brg 5702423 (19207)	EA	2	*	*	*	*	*	*	10	31	5
X1	F		Consists of: SHIM: 0.003 7966759 (19207)	EA	2								31	5.1
X1	F		SHIM: 0.006 7966760 (19207)	EA	2								31	5.2
X1	F		SHIM: 0.010 7966761 (19207)	EA	2								31	5.3
X1	F		SHIM: 0.030 7966762 (19207)	EA	2								31	5.4
P	F	2520-508-2356	UNIVERSAL JOINT, FRONT: wheel drive assy 7966766 (19207)	EA	2	*	*	*	*	*	*	10	31	11
P	F	5310-639-8069	WASHER, LOCK: steering knuckle pivot pin (M274A2, M274A4) 11592013 (19207)	EA	4	*	*	*	*	*	*	10	31	7
P	F	5310-639-8061	WASHER, LOCK: steering knuckle pivot pin MS35333-24 (96906) (used on M274A3 only)	EA	8	*	*	*	*	*	*	10	31	7
P	F	9505-596-1650	WIRE: steering knuckle boot lock 22-W-1631-110 (80244) (all models)	A/R									31	17
P	F	2530-930-6935	1104—STEERING, SIDESHIFT AND WHEEL LEANING MECHANISM (M274A5)	EA	2	*	*	*	*	*	*	10	32	1
P	F	2520-930-6934	SEAL, PLAIN: wheel hub axle brg rear 11592092 (19207) (M274A5)	EA	2	*	*	*	*	*	*	5	32	2
P	F	2520-561-9112	SHAFT, GEAR: rear axle 11592091 (19207) (M274A5)	EA	2	*	*	*	*	*	*	10	33	17
			SHIM SET: wheel joint driven brg 5702425 (19207)	EA	2	*	*	*	*	*	*			
X1	F		Consists of: SHIM: 0.003 7966788 (19207)	EA	2								33	17.1
X1	F		SHIM: 0.006 7966789 (19207)	EA	2								33	17.2
X1	F		SHIM: 0.010 7966790 (19207)	EA	2								33	17.3
X1	F		SHIM: 0.030 7966791 (19207)	EA	2								33	17.4



AT 20081

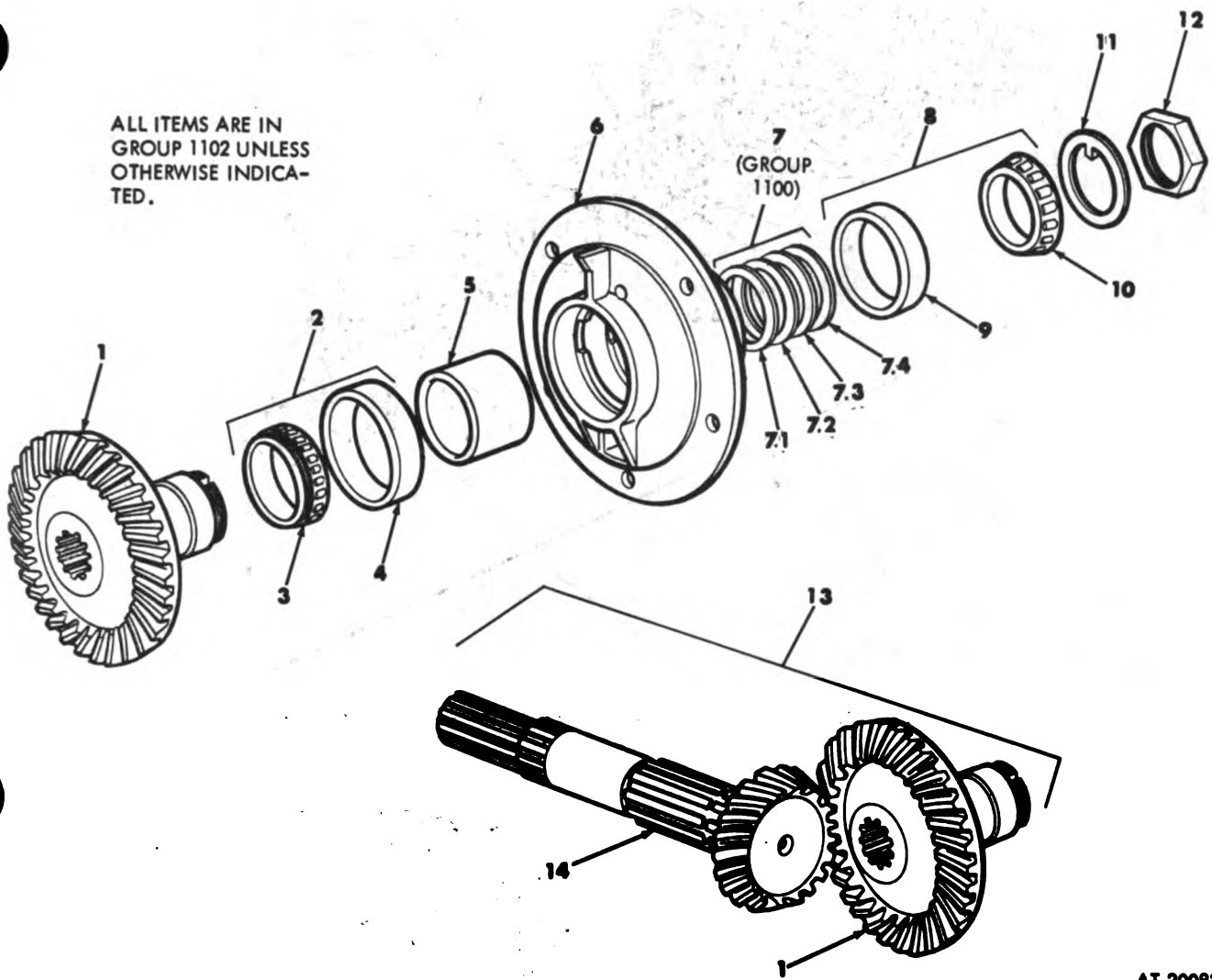
Figure 27. Rear axle and transmission assembly—partially exploded view.



AT 20082

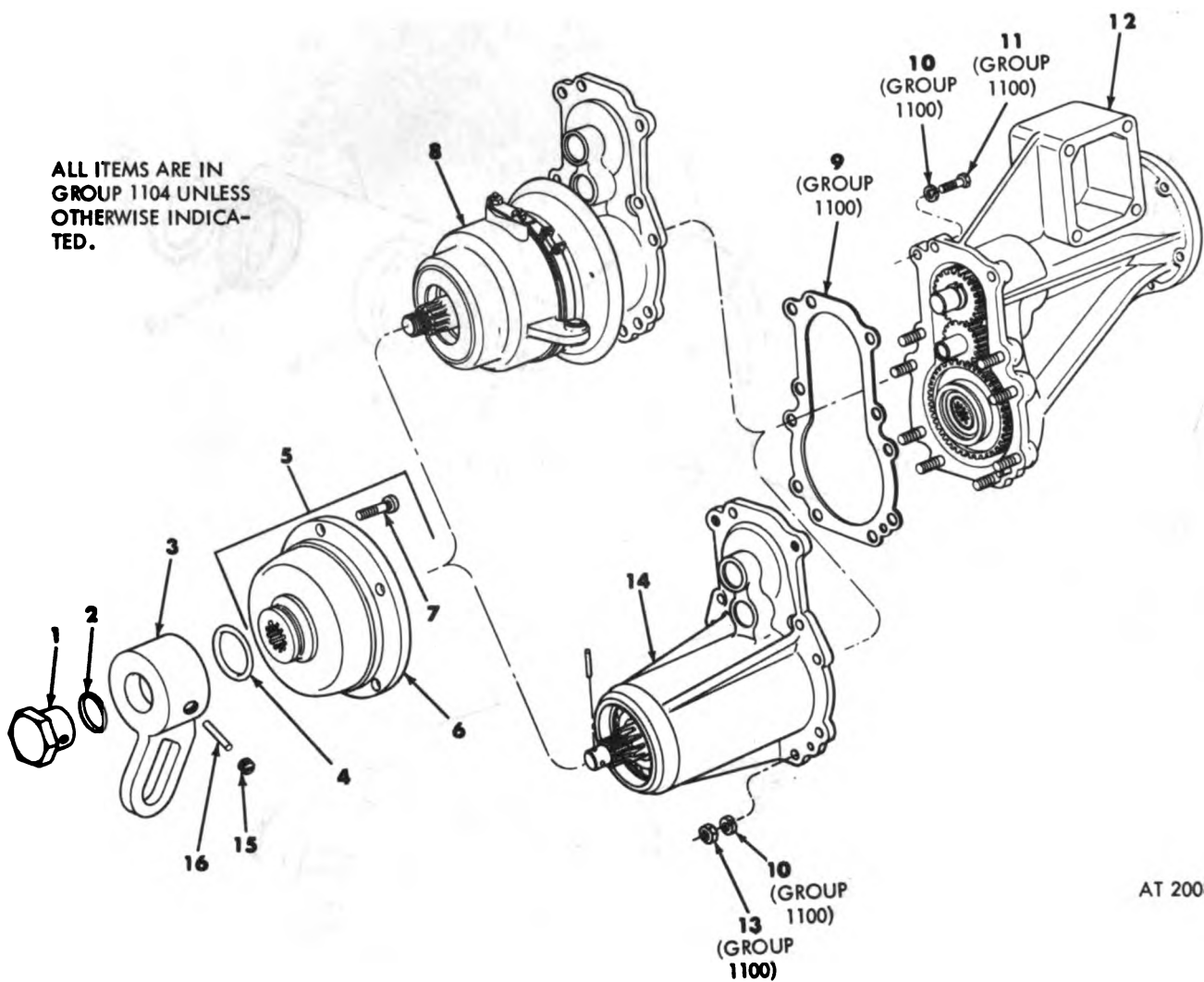
Figure 28. Rear axle and transmission assembly—partially exploded view.

ALL ITEMS ARE IN
GROUP 1102 UNLESS
OTHERWISE INDICA-
TED.



AT 20083

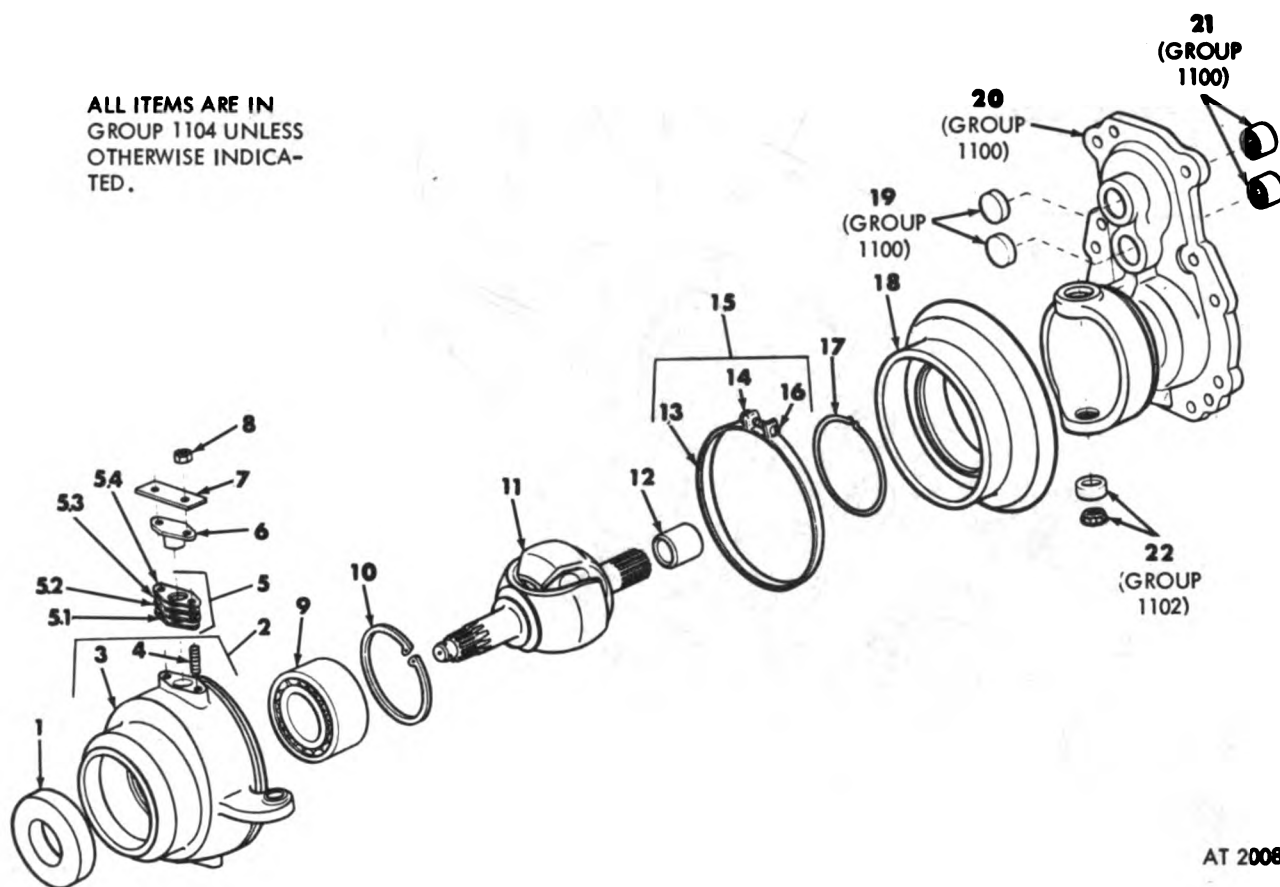
Figure 29. Rear axle bearing cage assembly—exploded view.



AT 20084

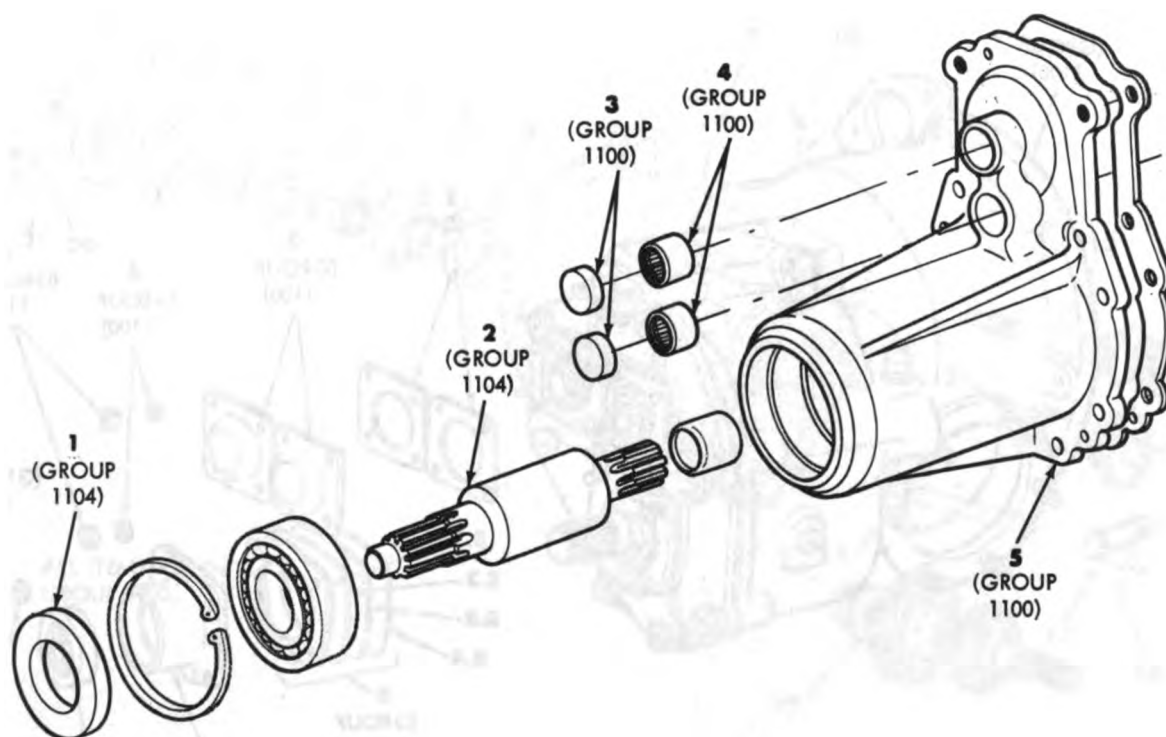
Figure 30. Rear axle subassembly.

ALL ITEMS ARE IN
GROUP 1104 UNLESS
OTHERWISE INDICA-
TED.



AT 20085

Figure 31. Rear axle steering knuckle assembly—exploded view (M274A2, M274A3, M274A4).



AT 20086

Figure 32. Outer axle assembly—exploded view (M274A5).

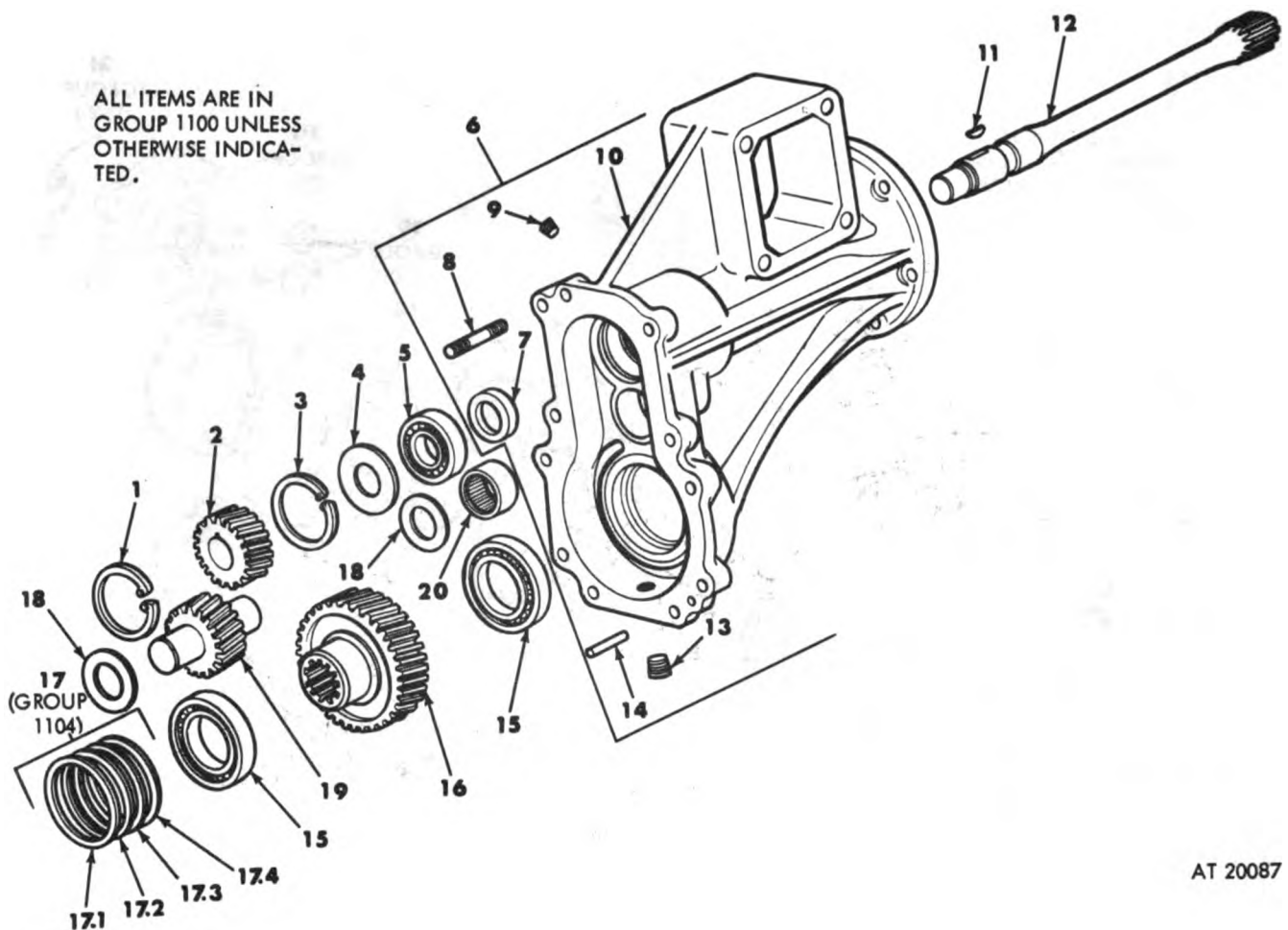
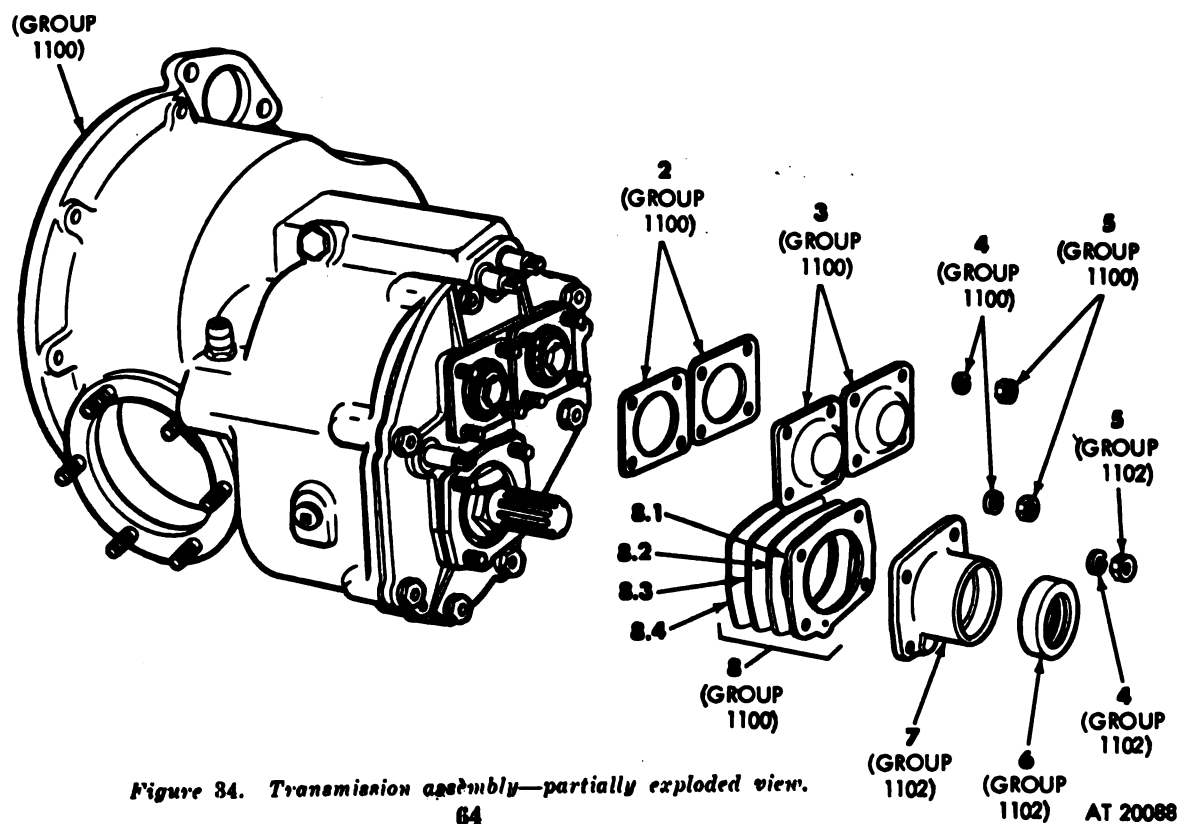


Figure 33. Rear axle housing assembly—exploded view.



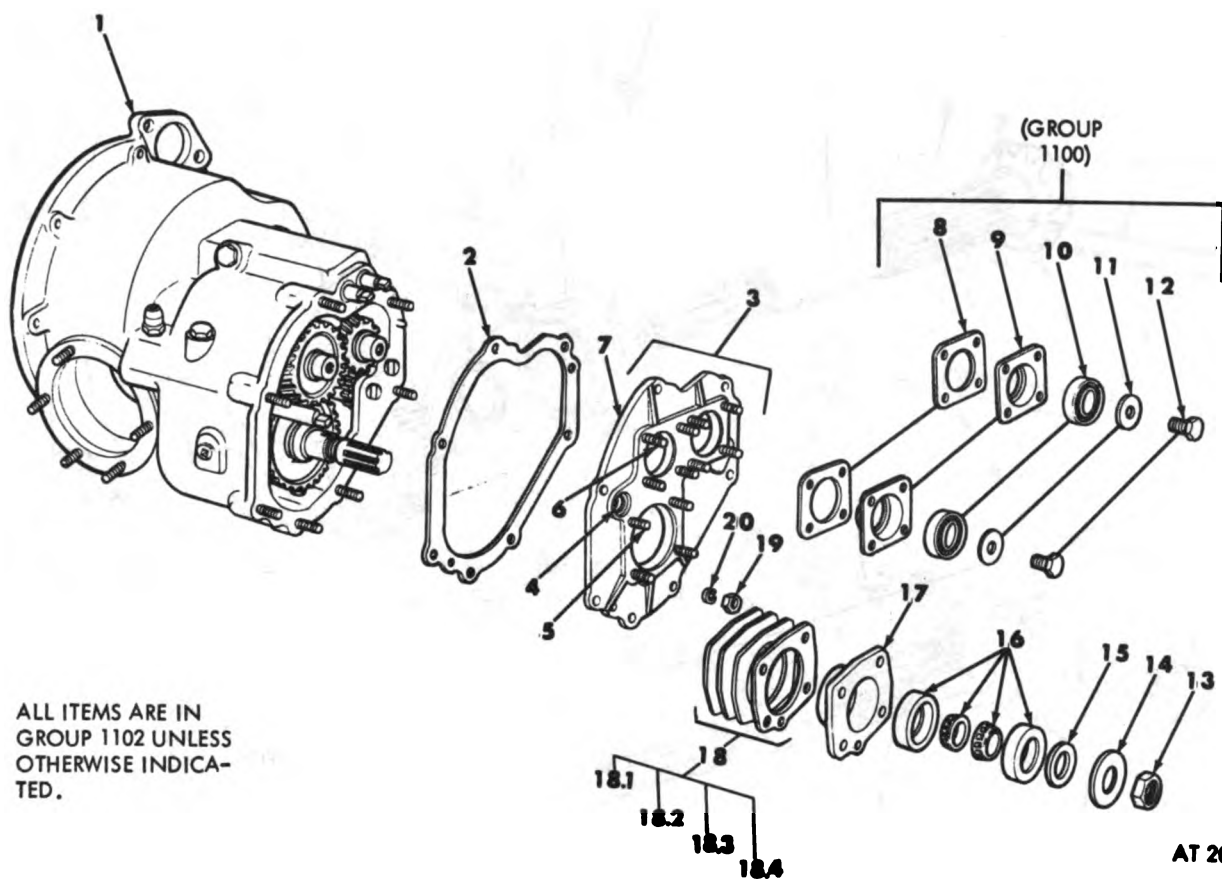


Figure 35. Transmission assembly—partially exploded view (M274A2, M274A3, M274A4).

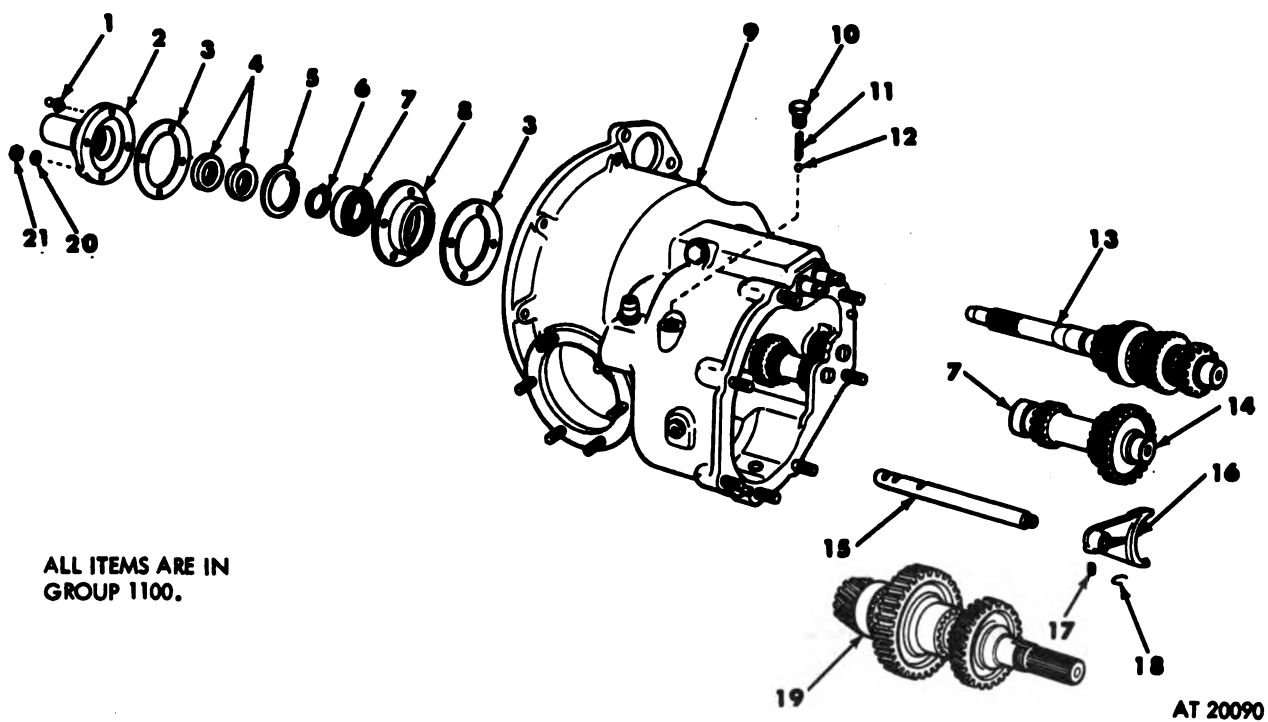


Figure 36. Transmission assembly—partially exploded view.

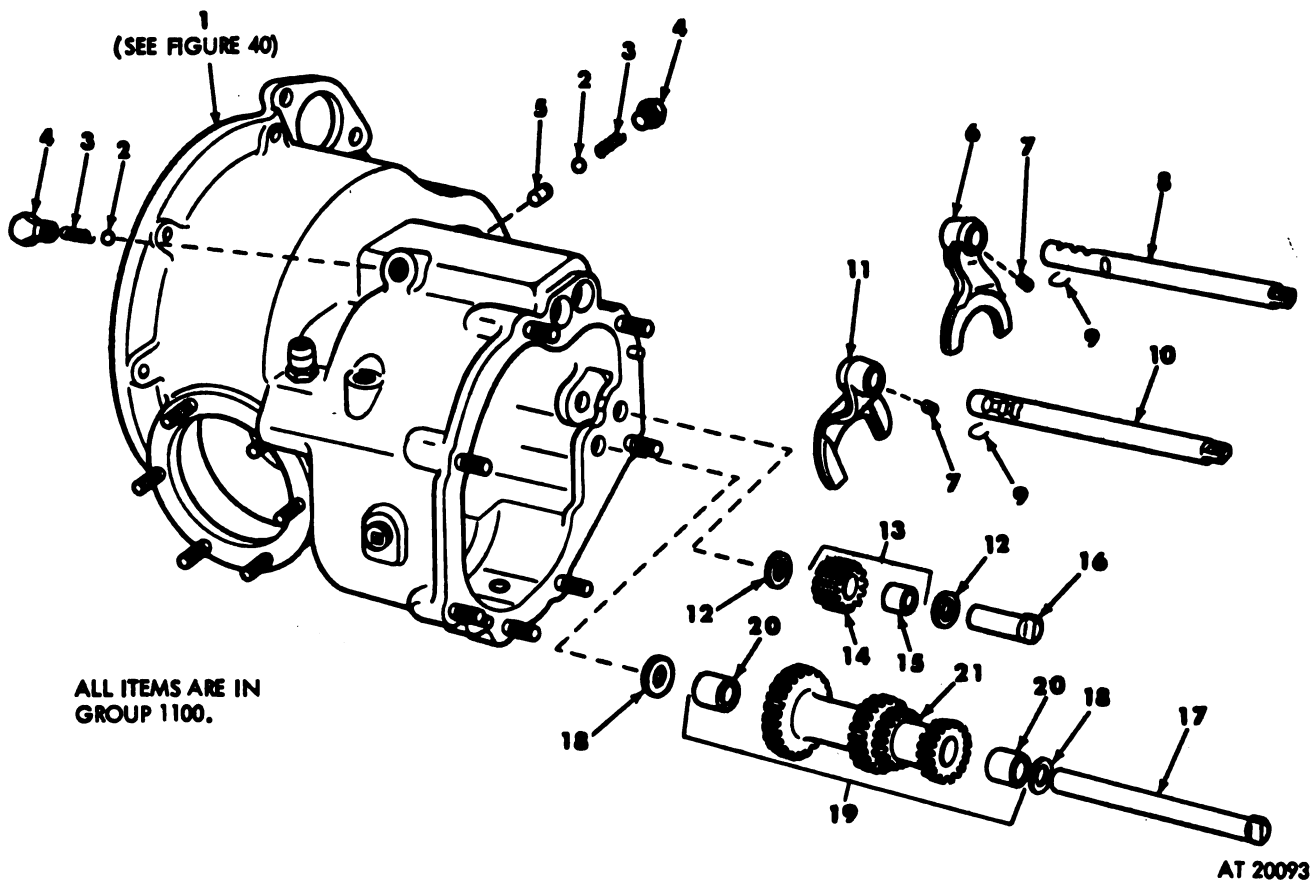


Figure 39. Transmission shift shafts and forks—exploded view.

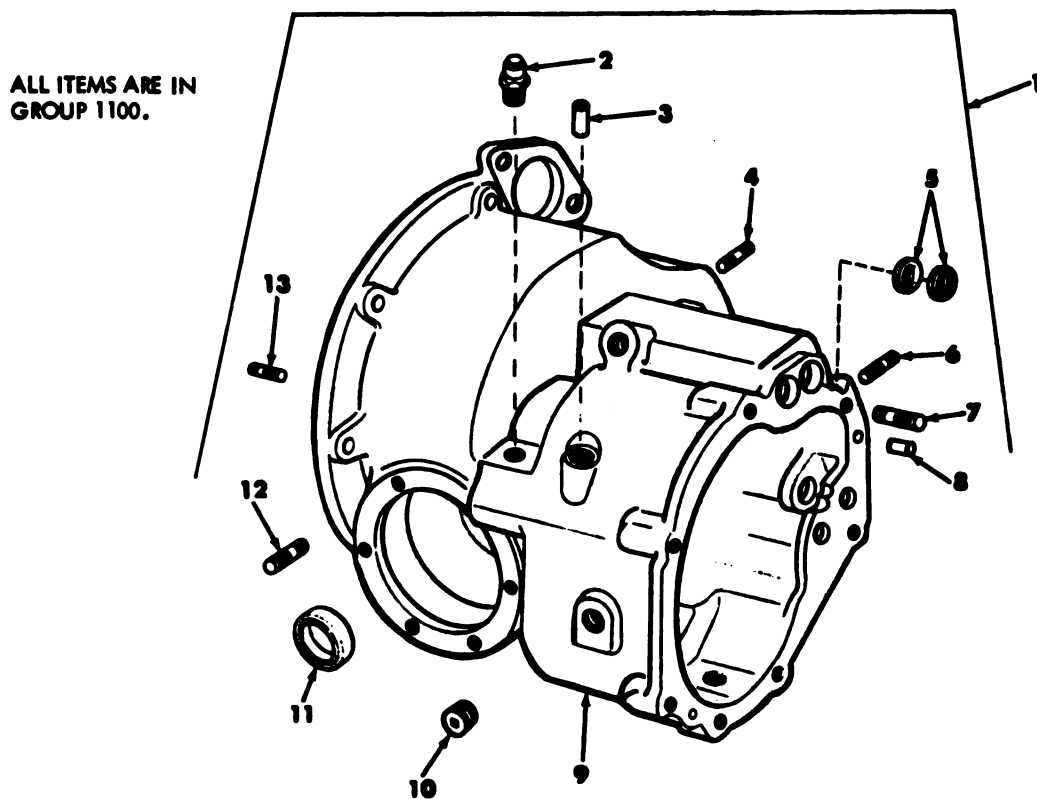


Figure 40. Rear axle and transmission housing assembly—exploded view.

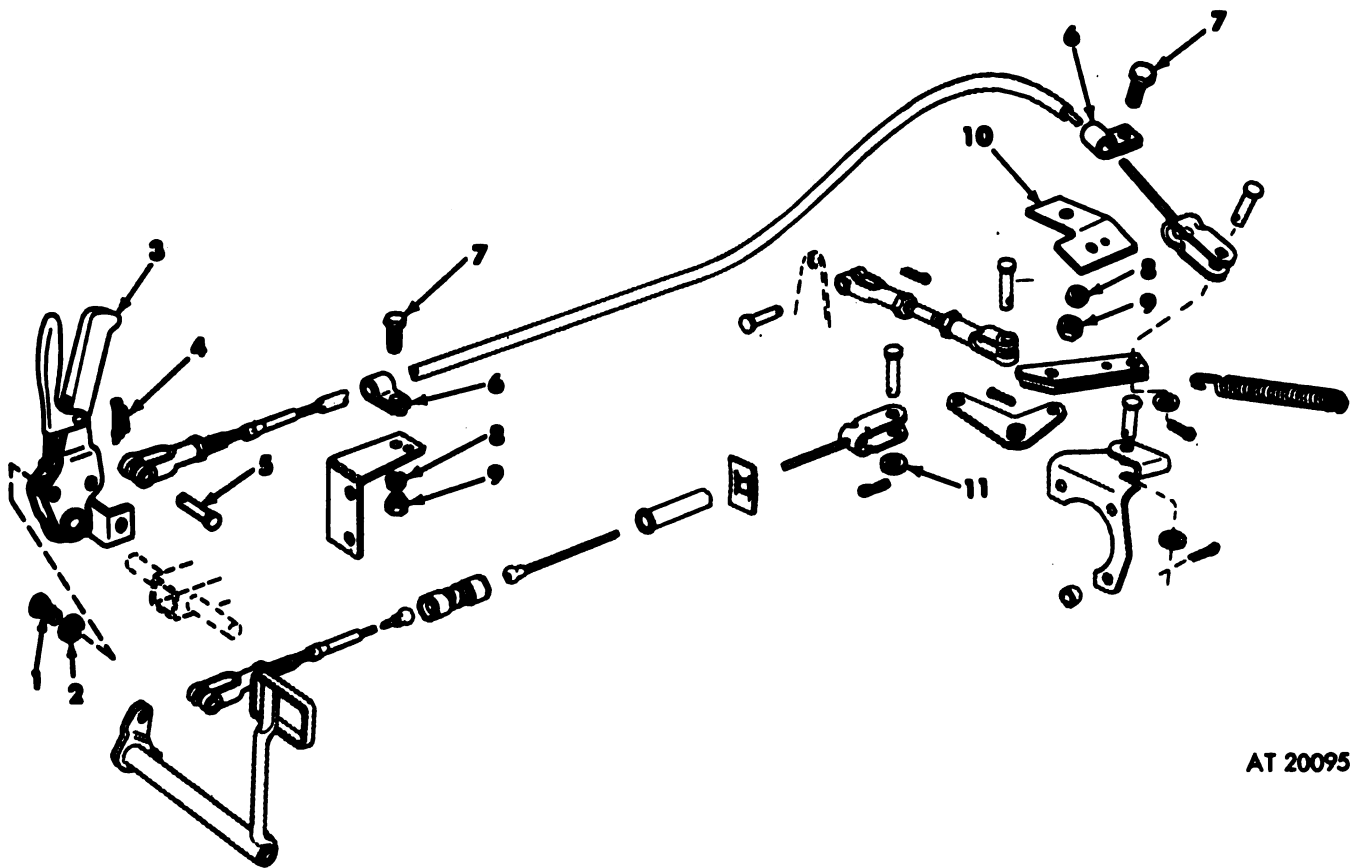
Repair parts for direct and general support

Repair parts for direct and general support.																
(1)		(2)	(3)	(4)	(5)	(6)	(7)			(8)			(9)	(10)	(11)	
Source, maint. and recov. code							Federal stock No.	Description	Unit of meas	Qty inc in unit pack	30-day DS maint allowance				30-day GS maint allowance	
(a)	(b)	(c)	(a)	(b)	(c)	(a)					(b)	(c)				
GROUP 12—BRAKES (other than special purpose)																
1201—HANDBRAKES																
P	O	5306-225-9088		BOLT, MACH: handbrake conduit clamp MS35292-33 (96906)	EA	2	*	*	2	*	*	2	10		41	7
P	O	2530-890-7494		BRACKET, HANDBRAKE: handbrake conduit support rear 11591977 (19207)	EA	1	*	*	*	*	*	*	5		41	10
P	O	5340-769-7855		CLAMP: handbrake conduit 7697855 (19207)	EA	2	*	*	2	*	*	2	10		41	6
P	O	5315-290-1350		CLIP: snap 8332074 (19207)	EA	1	*	*	2	*	*	2	10		41	4
P	O	2530-508-2364		LEVER: handbrake assy 7966769 (19207)	EA	1	*	*	*	*	*	*	5		41	3
P	O	5310-880-7746		NUT, PLAIN, HEX: handbrake conduit clamp MS51968-5 (96906)	EA	2	*	*	2	*	*	2	10		41	9
P	O	5315-023-4254		PIN, STRAIGHT, HEADED: MS20392-3C29 (96906)	EA	1	*	*	2	*	*	2	10		41	5
P	O	5305-269-3208		SCREW, CAP, HEX HEAD: handbrake lever MS90725-57 (96906)	EA	1	*	*	2	*	*	2	10		41	1
P	O	5310-081-4219		WASHER, FLAT: handbrake conduit cable assy MS27183-12 (96906)	EA	1	*	*	2	*	*	2	10		41	11
P	O	5310-012-0379		WASHER, LOCK: handbrake conduit clamp to bracket MS35337-26 (96906)	EA	2	*	*	2	*	*	2	10		41	8
P	O	5310-012-0381		WASHER, LOCK: handbrake lever MS35337-27 (96906)	EA	1	*	*	2	*	*	2	10		41	2
1201—HANDBRAKES (M274A3)																
P	O	2530-756-2707		BRACKET, HANDBRAKE: 7966941 (19207)	EA	1	*	*	*	*	*	*	5		42	3
P	O	2530-103-5772		BRACKET: handbrake conduit support rear 7049670 (19207)	EA	1	*	*	*	*	*	*	5		42	5
P	O	2530-711-8369		LINKAGE ASSY: handbrake 7045771 (19207)	EA	1	*	2	2	*	2	2	15		42	2
P	O	5315-842-3651		PIN, COTTER: axle MS24665-295 (96906)	EA	1	*	*	2	*	*	2	10		42	4
P	O	5315-754-0848		PIN, STRAIGHT, HEADED: MS35810-33 (96906)	EA	1	*	*	2	*	*	2	10		42	1
1202—FRONT AXLE BRAKE SUB-ASSEMBLY (M274A2, M274A4, M274A5)																
P	O	2530-999-1294		BRAKE ASSY: front axle 10946843 (19207)	EA	1	*	*	*	*	*	*	5		43	5
P	O	2530-953-4865		BRAKEDRUM: front axle 11592010 (19207)	EA	1	*	*	2	*	*	2	10		43	3
X1	O			BRAKESHOE AND LINING ASSY: 11592074 (19207)	EA	2									43	6
P	O	2520-953-4886		FLANGE, COMPANION: front axle brakel drum 11592032 (19207)	EA	4	*	*	*	*	*	*	5		43	4

P	O	2520-936-2262	GASKET: front axle brake dirt shield 7966778-1 (19207)	EA	1	2	*	*	*	*	2	*	*	1	2	2	10	43	13
P	O	2530-065-7542	KIT, BRAKE SERVICING: 11592073 (19207)	EA	1	1	2	2	2	2	2	2	2	1	2	2	6	43	19
X1	O		LEVER: brake assy 372-B-236 (02397)	EA	1	*	*	*	*	*	*	*	*	*	*	*	*	43	7
P	O	5310-939-0783	NUT: self-locking MS20364-1216A (96906)	EA	1	*	*	*	*	*	*	*	*	*	*	*	10	43	1
P	O	5310-880-7746	NUT, PLAIN HEX: MS51968-5 (96906)	EA	4	*	*	*	*	*	*	*	*	*	*	*	10	43	8
X1	O		PLATE: brake backing assy A-3736-U-619 (02397)	EA	1	*	*	*	*	*	*	*	*	*	*	*	*	43	10
X1	O		ROLLER: brake assy 1779-P-94 (02397)	EA	2													43	17
P	O	5306-698-4434	SCREW: companion flange 7966811 (19207)	EA	4													43	20
X2	O		SHIELD AND SEAL ASSY: brakedrum 11592009 (19207)	EA	1													43	11
P	O	5330-958-2733	Consists of: FELT, MECHANICAL, PREFORMED: companion flange front axle 11592007 (19207)	EA	1	*	2	2	2	2	2	2	2	*	2	2	12	43	15
P	O	5330-954-1253	SEAL: nonmetallic 11592008 (19207)	EA	1	*	2	2	2	2	2	2	2	*	2	2	12	43	14
P	O	2520-697-4266	SEAL, OIL: dust shield assy 7966683 (19207)	EA	1	*	2	2	2	2	2	2	2	*	2	2	12	43	13
P	O	2530-953-4861	SHIELD: front axle brake dirt 11592006 (19207)	EA	1	*	*	*	*	*	*	*	*	*	*	*	5	43	16
X1	O		SPRING: return brakeshoe 2758-W-23 (02397)	EA	2													43	18
P	O	5310-809-8533	WASHER, FLAT: companion flange front axle MS27183-23 (96906)	EA	1	*	*	2	2	2	2	2	2	*	2	2	10	43	2
P	O	5310-407-9566	WASHER, LOCK: MS35338-45 (96906)	EA	8	*	*	2	2	2	2	2	2	*	2	2	10	43	9
P	O	2530-807-1413	1202—FRONT AXLE BRAKE SUB- ASSEMBLY (M274A3)	EA	1	*	*	*	*	*	*	*	*	*	*	*	5	44	8
P	O	2530-587-1413	Consists of: BAND AND LINING ASSY: 7018861 (19207)	EA	1	1	2	2	2	2	2	2	2	1	2	2	6	44	12
X1	O	2530-744-3789	CAM ASSY: 8764603 (19207)	EA	1	*	*	*	*	*	*	*	*	*	*	*	5	44	9
X1	O	2520-745-7592	LEVER: 7035922 (19207)	EA	1	*	*	*	*	*	*	*	*	*	*	*	5	44	10
X1	O		PLATE: 7018864 (19207)	EA	1	*	*	*	*	*	*	*	*	*	*	*	5	44	11
X1	O		SPRING: 7036011 (19207)	EA	1	*	*	*	*	*	*	*	*	*	*	*	5	44	13
P	O	2530-697-4083	BRAKEDRUM: front axle 7966797 (19207)	EA	1	*	*	*	*	*	*	*	*	*	*	*	5	44	4
P	O	5340-606-3041	CLIP, SPRING TENSION: brake 7760078 (19207)	EA	1	*	*	2	2	2	2	2	2	*	2	2	10	44	19
X2	O	2530-104-2474	COVER: brake 7045738 (19207)	EA	1	*	*	*	*	*	*	*	*	*	*	*	5	44	18
P	O	2530-563-7251	DEFLECTOR, DIRT AND LIQUID: liquid and oil 7966796 (19207)	EA	1	*	*	*	*	*	*	*	*	*	*	*	5	44	5
P	O	2520-508-2301	FLANGE, COMPANION: front axle brakedrum 11592032 (19207)	EA	1	*	*	*	*	*	*	*	*	*	*	*	5	44	3
P	O	2520-936-2262	GASKET: front axle brake dirt shield 7966778-1 (19207)	EA	1	*	2	2	2	2	2	2	2	*	2	2	12	44	20
P	O	2530-678-3136	GASKET: oil slinger brake 7045698 (19207)	EA	2	*	2	2	2	2	2	2	2	*	2	2	12	44	6
P	O	5310-703-2635	NUT: self-locking 7032635 (19207)	EA	1	*	*	2	2	2	2	2	2	*	2	2	10	44	1
P	O	5310-880-7746	NUT, PLAIN, HEX: deflector, dirt and liquid MS51968-5 (96906)	EA	4	*	*	2	2	2	2	2	2	*	2	2	10	44	21
P	O	5315-816-1794	PIN, COTTER: MS24665-235 (96906)	EA	1	*	*	*	2	2	2	2	2	*	2	2	10	44	7

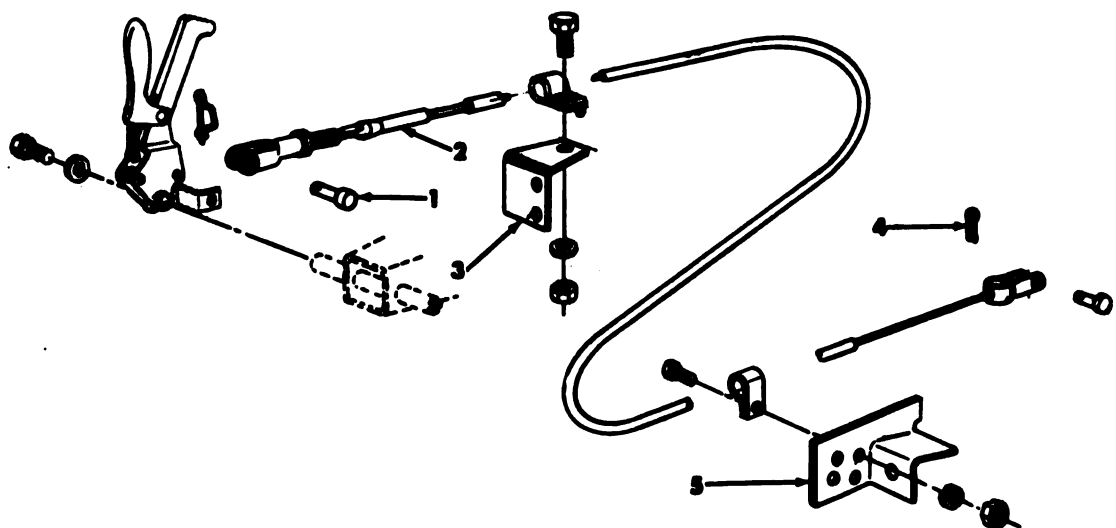
Repair parts for direct and general support

Repair parts for direct and general support																		
(1)			(2)	(3)	(4)	(5)	(6)			(7)			(8)			(9)	(10)	(11)
Source, maint. and recov. code		Federal stock No.					Unit of meas	Qty inc in unit pack	Qty inc in unit	30-day DS maint allowance			30-day GS maint allowance					
(a)	(b)	(c)				(a)				(b)	(c)	(a)	(b)	(c)				
Source	Maint.	Recov.		Description													Figure (a) No.	Illustration (b) or No. sym.
P	O		5330-593-6441	1202—FRONT AXLE BRAKE SUB- ASSEMBLY (M274A3)—Continued	EA	1	*	*	2	*	*	2	*	2	10		44	14
P	O		2520-697-4266	SEAL, NONMETALLIC: brake 7998708 (19207)	EA	1	*	*	2	*	*	2	*	2	10		44	17
P	O		2530-697-4309	SEAL, OIL: plain encased 7966683 (19207)	EA	1	*	*	*	*	*	*	*	*	5		44	16
P	O		5310-593-6440	SHIELD: front axle brake dirt 7966795 (19207)	EA	1	*	*	2	*	*	2	*	2	10		44	15
				WASHER, FLAT: brake axle assy 7998707 (19207)														
P	O		5310-737-2868	WASHER, FLAT: 7372868 (19207)	EA	1	*	*	*	*	*	*	*	*	5		44	2
P	O		5310-407-9566	WASHER, LOCK: front axle brake MS35338-45 (96906)	EA	4	*	*	2	*	*	2	*	2	10		44	22
				1206—MECHANICAL BRAKE SYSTEM (M274A2, M274A4, M274A5)														
P	O		2530-953-4870	ADAPTER: service brake (11591978)	EA	1	*	*	*	*	*	*	*	*	5		45	10
P	O		5306-225-9087	BOLT, MACHINE: bracket, brake pedal MS90726-32 (96906) (all models)	EA	4	*	*	2	*	*	2	*	2	10		47	4
P	O		2530-936-5298	BRACKET ASSY: service brake 11591990 (19207)	EA	1	*	*	*	*	*	*	*	*	5		45	12
P	O		2530-561-9122	BRACKET AND BUSHING ASSY: brake pedal 7966939 (19207)	EA	1	*	*	2	*	*	2	*	2	10		47	7
P	O		2530-936-5297	BRAKE LEVER ASSY: service brake 11591986 (19207)	EA	1	*	*	*	*	*	*	*	*	5		45	14
P	O		2590-697-4376	CABLE ASSY: brake control section 8336085 (19207)	EA	1	*	2	2	*	2	2	*	2	12		45	19
				Consists of:														
P	O		2590-022-3325	CABLE ASSY: linkage flexible service brake control assy footbrake 7966497 (19207)	EA	1	*	*	*	*	*	*	*	*	5		45	19.3
P	O		5340-865-9496	CLEVIS: footbrake cable MS35812-2 (96906)	EA	1	*	*	*	*	*	*	*	*	5		45	19.1
P	O		5310-768-0319	NUT, PLAIN, HEX: brake cable MS51968-2 (96906)	EA	1	*	*	*	*	*	*	*	*	5		45	19.2
P	O		2530-953-4875	CABLE ASSY: rear 10946846 (19207)	EA	1	*	2	2	*	2	2	*	2	12		45	17
P	O		2530-655-9295	CONDUIT AND CABLE ASSY: handbrake 8336086-1 (19207)	EA	1	*	*	2	*	*	2	*	2	10		45	2
				Consists of:														
P	O		2530-953-4871	CABLE ASSY: handbrake 10946845 (19207) (M274A2, M274A4)	EA	1	*	*	*	*	*	*	*	*	5		45	2.1
P	O		5340-865-9496	CLEVIS, ROD-END: MS35812-2 (96906)	EA	1	*	*	*	*	*	*	*	*	5		45	2.3
P	O		5310-768-0319	NUT, PLAIN, HEX: clevis adjusting hand- brake MS51968-2 (96906)	EA	1	*	*	*	*	*	*	*	*	5		45	2.2
P	O		4030-698-3241	COUPLING, WIRE ROPE: service brake cable 7966855 (19207)	EA	1	*	2	2	*	2	2	*	2	12		45	18



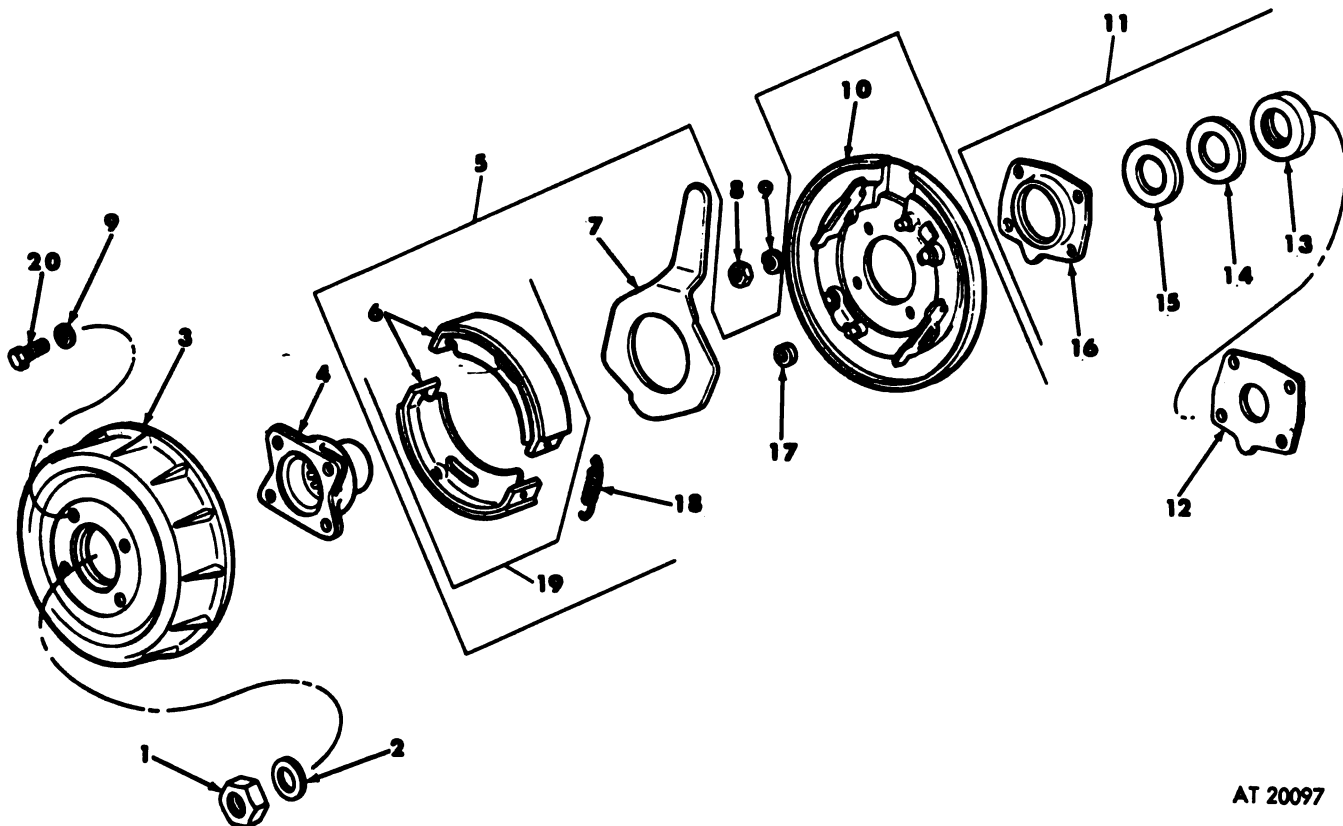
AT 20095

Figure 41. Handbrake assembly—exploded view.



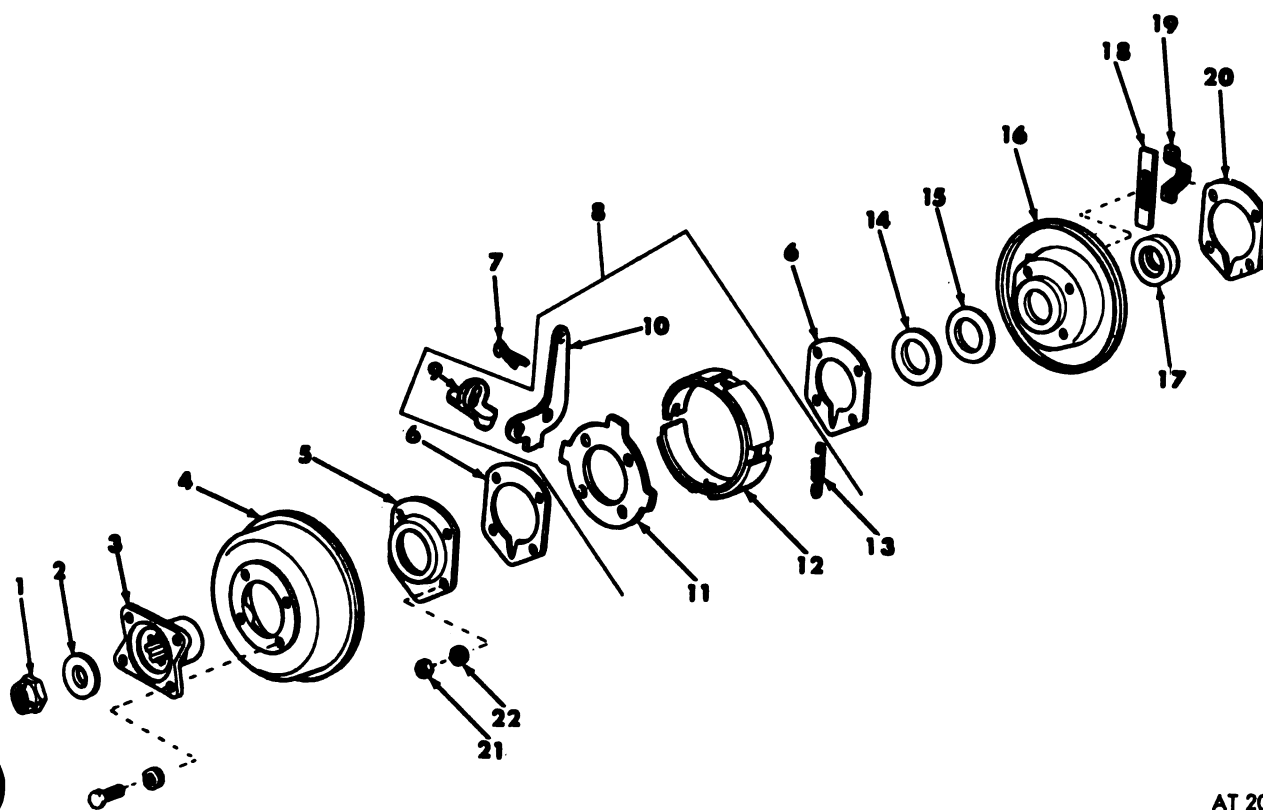
AT 20096

Figure 42. Handbrake assembly—exploded view (M274A3).



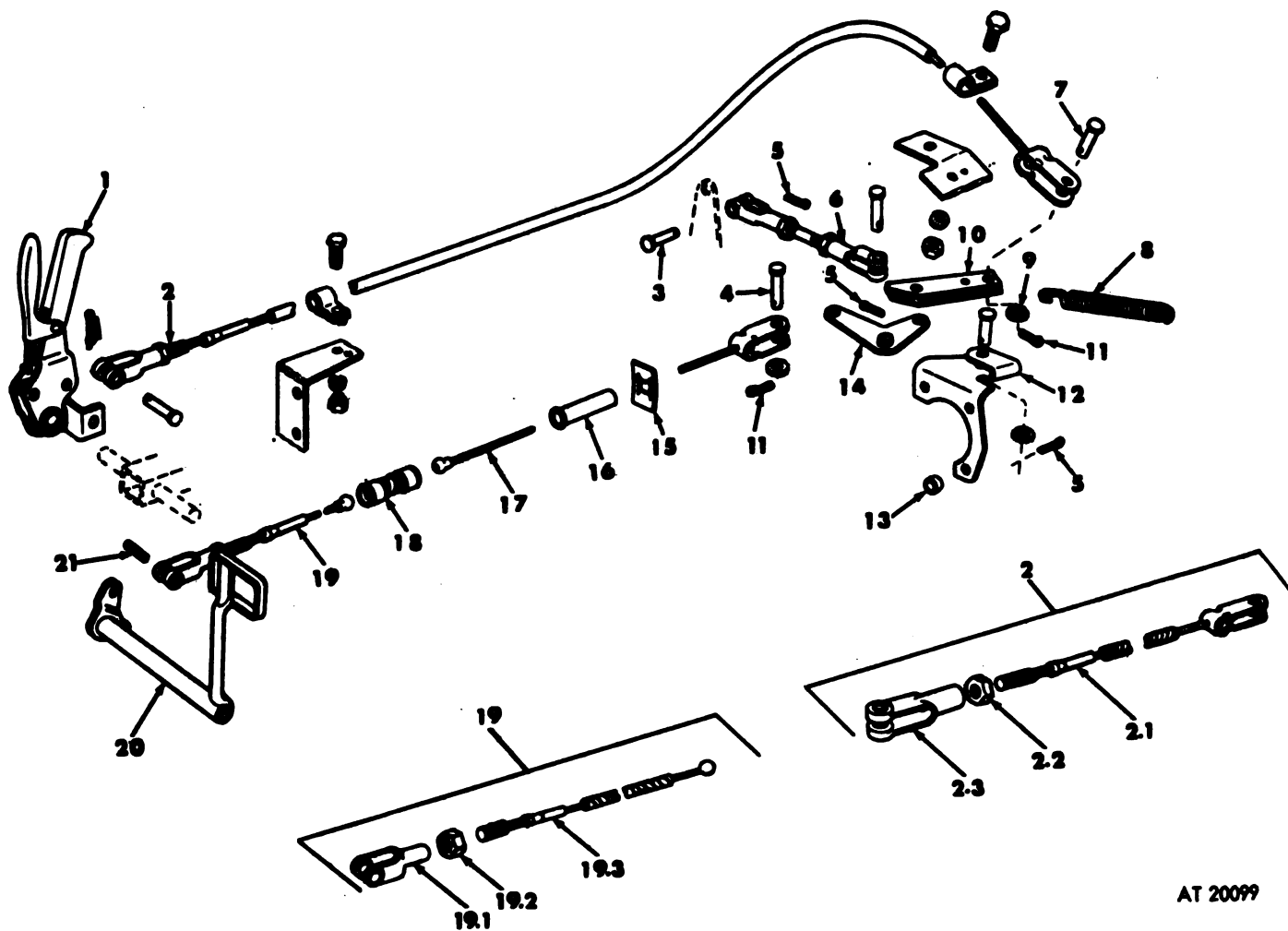
AT 20097

Figure 43. Front axle brake assembly—exploded view (M274A2, M274A4, M274A5).



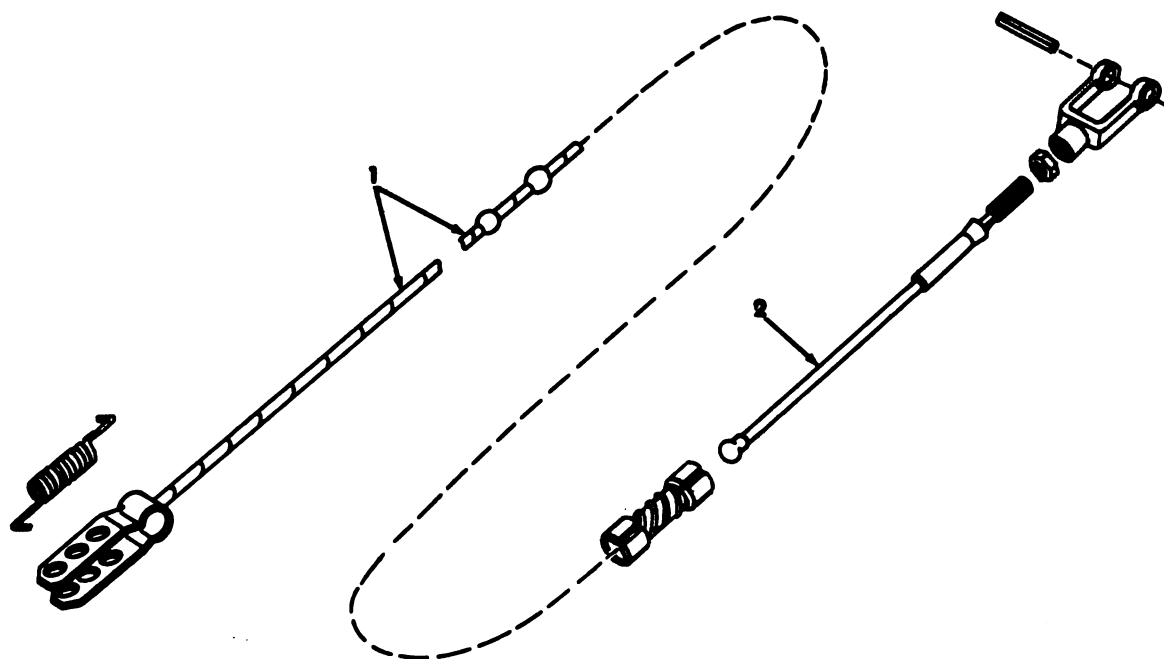
AT 20098

Figure 44. Front axle brake assembly—exploded view (M274A3).



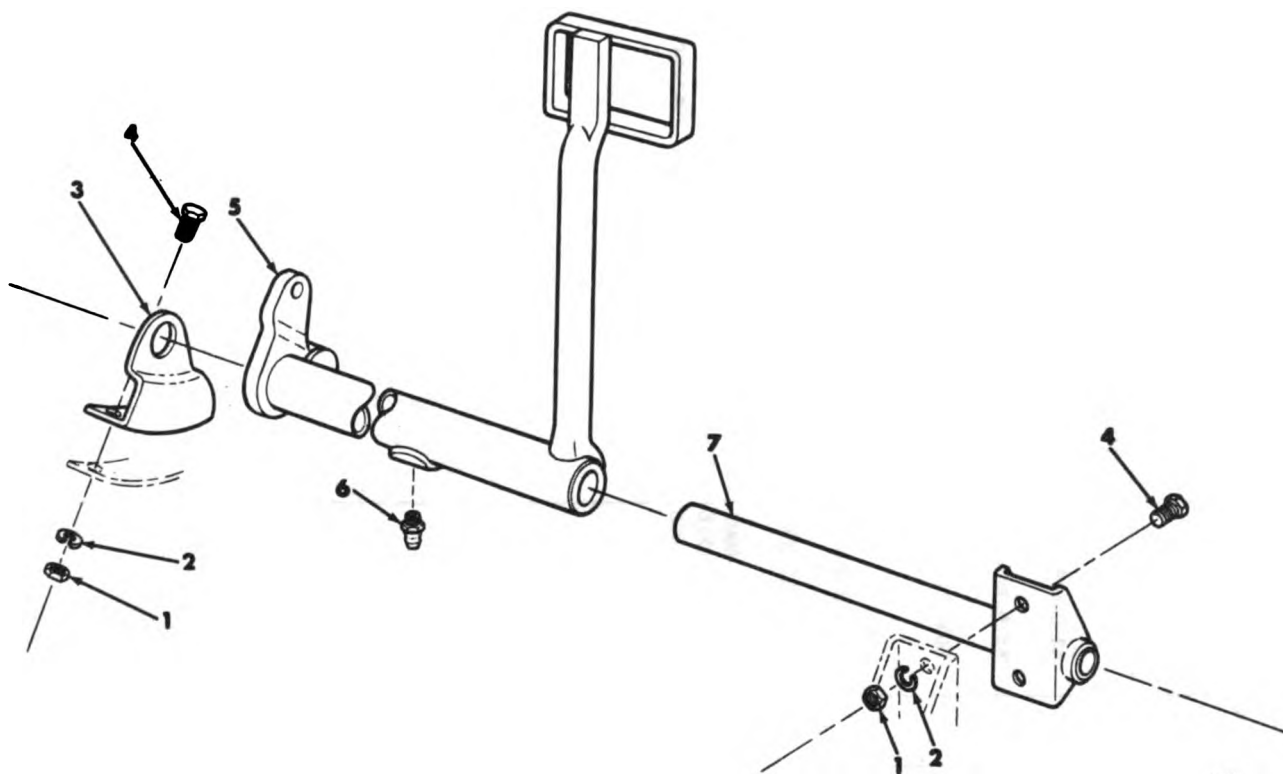
AT 20099

Figure 45. Mechanical brake system—exploded view (M274A2, M274A4, M274A5).



AT 20100

Figure 46. Brake cables (M274A3).



AT 20104

Figure 47. Brake pedal assembly—exploded view.

Repair parts for direct and general support																			
(1) Source, maint. and recov. code			(2) Federal stock No.	(3) Description	(4) Unit of meas	(5) Qty inc in unit pack	(6) Qty inc in unit			(7) 30-day DS maint allowance			(8) 30-day GS maint allowance			(9) 1-yr. alw. per 100 equip. cntgy planning	(10)	(11) Illustration	
(a) Source	(b) maint.	(c) recov.					(a) 1-20	(b) 21-50	(c) 51-100	(a) 1-20	(b) 21-50	(c) 51-100	(a) 1-20	(b) 21-50	(c) 51-100			(a) Figure No.	(b) Item or sym No.
P	O		5310-982-4908	GROUP 13—WHEELS 1311—WHEEL ASSEMBLY	EA	5	*	2	2	*	2	2	*	2	2	12		48	8
P	O		5310-698-4499	NUT, SELF-LOCKING: wheel to brake- drum MS21045-6 (96906) WASHER, FLAT: wheel mounting 7966785 (19207)	EA	5	*	2	2	*	2	2	*	2	2	12		48	7
P	O		2530-930-6937	WHEEL, ALUMINUM: pneumatic tire 11592144 (19207)	EA	1	*	*	2	*	*	2	*	*	2	10		48	6
P	O		2640-060-3550	1313—TIRES, TUBES CAP, TIRE VALVE: tire valve standard bore MS51375-1 (96906)	EA	1	*	2	2	*	2	2	*	2	2	12		48	5
P	O		2610-569-0817	INNER TUBE, PNEUMATIC: pneumatic tire MS35392-82 (96906)	EA	4	2	3	5	2	3	5	2	3	5	20		48	3
X2	O		2640-911-5006	LINER, TIRE INNER: 10921974 (19207)	EA	1												48	2
P	O	R	2610-569-0815	TIRE, PNEUMATIC: MS35388-89 (96906)	EA	4	4	8	13	4	8	13	4	8	13	75		48	1
P	O		2640-060-3543	VALVE CORE: pneumatic tire, standard bore MS51377-2 (96906)	EA	1	2	4	6	2	4	6	2	4	6	30		48	4

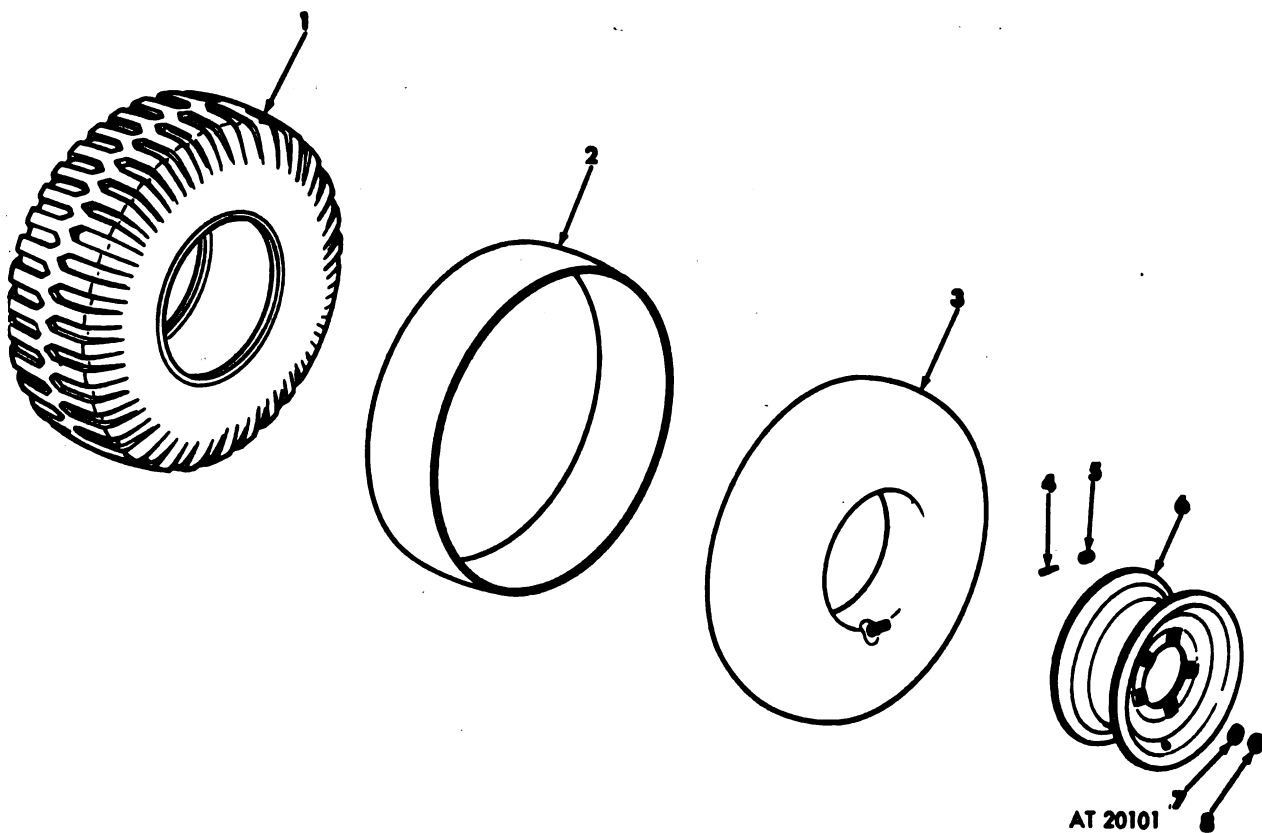


Figure 48. Wheel and tire assembly—exploded view.

Repair parts for direct and general support

(1) Source, maint. and recov. code		(2) Federal stock No.	(3) Description	(4) Unit of meas	(5) Qty inc in unit pack	(6) 30-day DS maint allowance			(7) 30-day GS maint allowance			(9) 1-yr. alw. per 100 equip. cntgy. planning	(10)	(11) Illustration	
(a)	(b)					(a)	(b)	(c)	(a)	(b)	(c)			(a) Figure No.	(b) or sym No.
Source Maint. Recov.						1-20	21-50	51-100	1-20	21-50	51-100				
GROUP 14—STEERING															
1401—STEERING ASSEMBLY															
X1	O		BOLT: U, steering column 8764607 (19207)	EA	1	*	*	2	*	*	2	10		49	18
P	O	2530-697-4424	TUBE: shaft tube brace support 7966818 (19207)	EA	1	*	*	2	*	*	2	10		49	5
P	O	2530-953-4857	CLAMP ASSY: steering column 11591973 (19207)	EA	1	*	*	2	*	*	2	10		49	17
P	O	2530-587-1411	CLEVIS ASSY: steering column brace anchor 7760075 (19207)	EA	1	*	*	*	*	*	*	5		49	7
X2	O		COLUMN AND WHEEL ASSY: steering 7045742 (19207)	EA	1									49	1
P	O	2530-587-1410	FLANGED SLEEVE: steering column anchor pin 7760067 (19207)	EA	1	*	*	*	*	*	*	5		49	10
P	O	5355-587-1448	KNOB: steering column brace clamp 7760065 (19207)	EA	1	*	*	2	*	*	2	10		49	6
P	O	5310-880-7746	NUT, PLAIN, HEX: to attach steering column anchor pin MS51968-5 (96906)	EA	2	*	*	2	*	*	2	10		49	11
P	O	5310-761-1681	NUT, PLAIN, HEX: steering column and wheel assy MS51967-4 (96906)	EA	2	*	*	2	*	*	2	10		49	15
P	O	5315-842-3651	PIN, COTTER: to attach steering column brace inner and outer shaft MS24665-295 (96906)	EA	2	*	*	2	*	*	2	19		49	3
P	O	5315-957-2399	PIN, STRAIGHT: to attach steering column brace inner shaft MS20392-5C35 (96906)	EA	1	*	*	*	*	*	*	5		49	8
P	O	5315-905-4450	PIN, STRAIGHT: to attach steering column brace outer MS20392-5C45 (96906)	EA	1	*	*	*	*	*	*	5		49	4
P	O	2510-999-1301	PLATE: steering column brace anchor pin support 7760066 (19207)	EA	1	*	*	*	*	*	*	5		49	9
P	O	5305-988-3786	SCREW, MACHINE: to attach steering column anchor pin MS35191-307 (96906)	EA	2	*	*	2	*	*	2	10		49	13
P	O	2530-698-6590	SHAFT: steering column brace 7966822 (19207)	EA	1	*	*	*	*	*	*	6		49	14
P	O	5310-080-6004	WASHER, FLAT: steering column brace support pin MS27183-14 (96906)	EA	1	*	*	2	*	*	2	10		49	2
P	O	5310-514-6674	WASHER, LOCK: steering column MS35335-34 (96906)	EA	2	*	*	2	*	*	2	10		49	16
P	O	5310-012-0379	WASHER, LOCK: to retain steering column anchor pin MS35337-26 (96906)	EA	2	*	*	2	*	*	2	10		49	12
P	O	2530-511-1732	BEARING: steering column 8677346 (19207)	EA	1	*	*	*	*	*	*	6		50	10
P	O	5310-954-1241	NUT, PLAIN, CAP: steering wheel 7760061 (19207)	EA	1	*	*	2	*	*	2	10		50	14

P	O	2530-359-1823	RETAINER: steering column bearing 7696348 (19207)	EA	1	*	*	2	*	*	2	10	50	11
P	O	2530-508-2363	SHAFT: steering column 7966752 (19207)	EA	1	*	*	2	*	*	2	10	50	1
X1	O		Consists of:	EA	1								50	3
P	O	5315-844-3964	COUPLING: steering wheel shaft to steering gear 8716939 (19207)	EA	1	*	*	*	*	*	*	5	50	2
X1	O		PIN, SPRING: steering column shaft retaining MS16562-47 (96906)	EA	1	*	*	*	*	*	*		50	4
P	O	2530-769-6370	SHAFT: steering wheel 8716938 (19207)	EA	1	*	*	2	*	*	2	10	50	12
X2	O		SPRING, HELICAL: steering wheel 7696370 (19207)	EA	1								50	15
P	O	2530-953-4880	STEERING COLUMN ASSY: 8336220 (19207) (used on early production M274A3 only)	EA	1	*	*	2	*	*	2	10	50	5
			STEERING COLUMN ASSY: 11591971 (19207) (used on late production M274A2, M274A3, M274A4, M274A5)											
X1	O		Consists of:	EA	1								50	9
X1	O		BRACKET: 8336197 (19207)	EA	1								50	8
X1	O		COLUMN: 11591972 (19207)	EA	1								50	7
P	O	5310-587-1442	SPACER: 8336193 (19207)	EA	2	*	*	2	*	*	2	10	50	6
			WASHER, FLAT: steering column 8716940 (19207)											
P	O	2530-787-5336	WHEEL ASSY: steering 7375336 (19207)	EA	1	*	*	2	*	*	2	10	50	13
P	O	2530-508-2359	ARM, STEERING: front lower 7966724 (19207) (M274A3)	EA	1	*	*	2	*	*	2	10	51	16
P	O	2530-508-2358	ARM, STEERING: steering front 7966725 (19207) (M274A3)	EA	1	*	*	2	*	*	2	10	51	13
P	O	2530-953-4881	ARM, STEERING, BELL CRANK: front lower 11591960 (19207) (M274A2, M274A4, M274A5)	EA	1	*	*	2	*	*	2	10	51	16
P	O	2530-561-9121	ARM STEERING: steering rear 7966726 (19207) (M274A3)	EA	1	*	*	2	*	*	2	10	51	13
P	O	2530-953-6873	ARM, STEERING: front 11591959 (19207) (M274A2, M274A4, M274A5)	EA	1	*	*	2	*	*	2	10	51	13
P	O	2530-923-4238	COVER: tie-rod end 7760070 (19207)	EA	6	*	2	2	*	2	2	15	51	3
P	O	2530-953-4966	DRAGLINK ASSY: steering arm 7966814-1 (19207)	EA	1	*	*	2	*	*	2	10	51	5
P	O	4730-050-4207	FITTING, LUBRICATION: tie rod end MS15001-4 (96906)	EA	10	*	*	*	*	*	*	10	51	23
P	O	5310-044-3336	NUT, SLOTTED, HEX: front and rear bell-crank arm retaining 443386 (21450) (M274A3)	EA	1	*	*	*	*	*	*	10	51	22
P	O	5310-720-8538	NUT, SLOTTED, HEX: steering bellcrank arm MS35692-1025 (96906) (M274A2, M274A4, M274A5)	EA	1	*	*	2	*	*	2	10	51	18
P	O	5315-842-3154	PIN: to attach tow bar bellcrank to tow bar draglink MS 35810-36 (96906)	EA	1	*	*	2	*	*	2	10	51	6

Repair parts for direct and general support

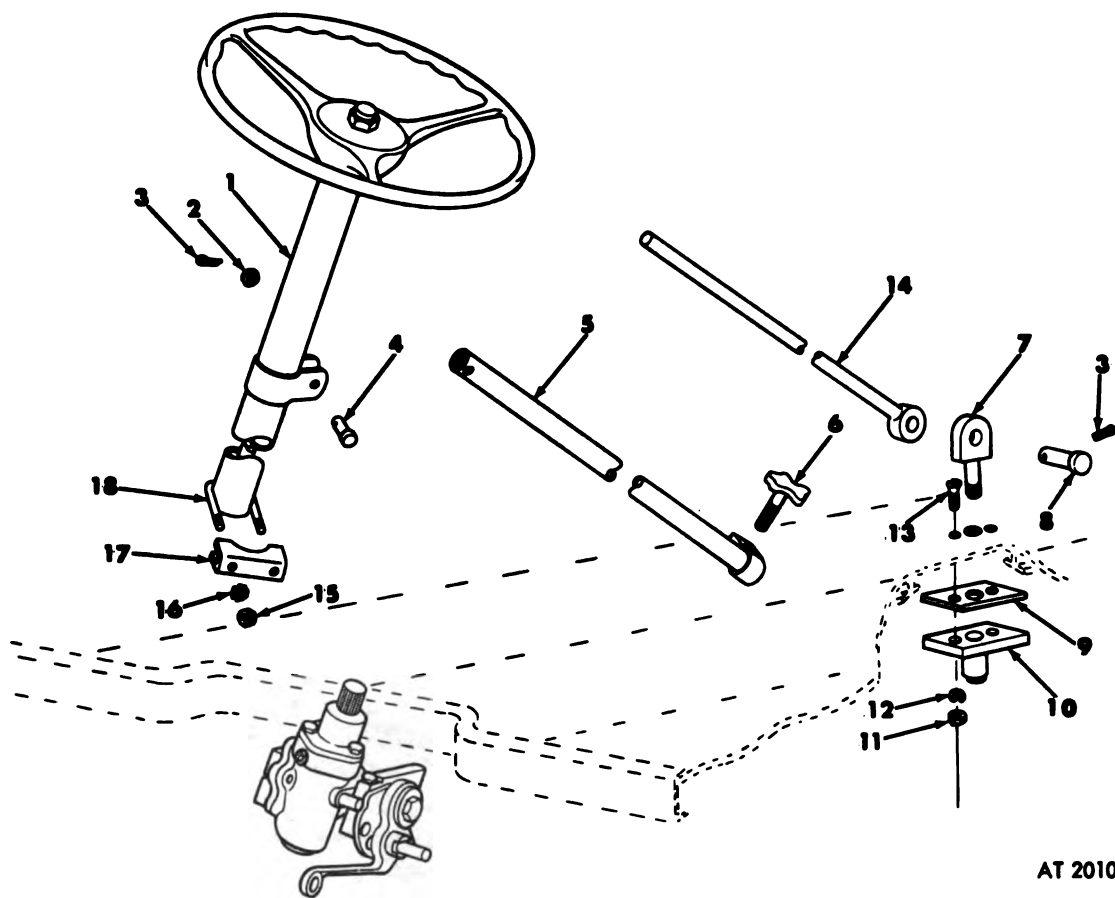
(1) Source, maint. and recov. code		(2) Federal stock No.	(3) Description	(4) Unit of meas	(5) Qty inc in unit pack	(6) 30-day DS maint allowance			(7) 30-day GS maint allowance			(9) 1-yr. alw. per 100 equip. cntry. planning	(10)	(11) Illustration	
(a) Source	(b) maint.					(a) 1-20	(b) 21-50	(c) 51-100	(a) 1-20	(b) 21-50	(c) 51-100			(a) Figure No.	(b) Item or sym. No.
P	O	5315-842-3651	1401—STEERING ASSEMBLY—Continued PIN, COTTER: to retain tie rod and draglink nuts MS24665-295 (96906)	EA	8	*	*	2	*	*	2	10		51	4
P	O	5315-059-0187	PIN, COTTER: steering arm draglink and steering connecting rod to rear bellcrank MS24665-363 (96906)	EA	2	*	*	2	*	*	2	10		51	7
P	O	5315-849-5582	PIN, COTTER: MS24665-502 (96906) (M274A4, M274A5)	EA	1	*	*	2	*	*	2	10		51	19
P	O	5340-936-8301	RING, RETAINING: steering bellcrank retaining 10946838 (19207) (M274A2, M274A4, M274A5)	EA	1	*	2	2	*	2	2	12		51	15
P	O	5305-269-3218	SCREW, CAP, HEX HEAD: to attach steering gear support MS90725-68 (96906) (M274A2, M274A5, M274A4)	EA	4	*	*	2	*	*	2	10		51	1
P	O	5305-550-3115	SCREW, CAP, HEX HEAD: MS35292-66 (96906) (M274A3)	EA	1	*	*	2	*	*	2	10		51	1
P	O		TUBE AND BELLCRANK ASSY: tow bar drag- link 11592086 (19207) (M274A5)	EA	1	*	*	2	*	*	2	10		51	8
P	O	2540-508-2365	Consists of: BELL CRANK ASSY: 8336045 (19207)	EA	1	*	*	2	*	*	2	10		51	12
P	O	5315-842-3154	PIN: MS35810-36 (96906)	EA	1	*	*	2	*	*	2	10		51	11
P	O	5315-839-5822	PIN: 24665-353 (96906)	EA	1	*	*	2	*	*	2	10		51	10
P	O	2540-933-1124	TUBE AND CLEVIS ASSY: 11592087 (19207)	EA	1	*	*	2	*	*	2	10		51	9
X2	O		TUBE AND BELLCRANK ASSY: tow bar draglink 8336265 (19207) (M274A2, M274A3, M274A4)	EA	1	*	*	2	*	*	2	10		51	8
P	O	2540-508-2365	Consists of: BELLCRANK ASSY: 8336045 (19207)	EA	1	*	*	2	*	*	2	10		51	12
P	O	5315-842-3154	PIN: MS35810-36 (96906)	EA	1	*	*	2	*	*	2	10		51	11
P	O	5315-839-5822	PIN: MS24665-353 (96906)	EA	1	*	*	2	*	*	2	10		51	10
P	O	2540-588-0008	TUBE AND CLEVIS ASSY: 8336222 (19207)	EA	1	*	*	2	*	*	2	10		51	9
P	O	2530-953-4863	TIE-ROD ASSY: left front 7966815-1 (19207)	EA	1	*	2	2	*	2	2	12		51	21
P	O	2530-953-4864	TIE ROD ASSY: right front 7966816-1 (19207)	EA	1	*	2	2	*	2	2	12		51	17
P	O	5310-823-8803	WASHER, FLAT: steering bellcrank arm thrust MS27182-21 (96906) M274A2, M274A4, M274A5)	EA	1	*	*	2	*	*	2	10		51	20
P	O	5310-012-0381	WASHER, LOCK: to attach steering bellcrank bracket MS35337-27 (96906) (M274A2, M274A3, M274A4)	EA	4	*	2	2	*	2	2	10		51	2

Repair parts for direct and general support

(1) Source, maint. and recov. code			(2) Federal stock No.	(3) Description	(4) Unit of meas	(5) Qty inc in unit pack	(6) 30-day DS maint allowance			(7) 30-day GS maint allowance			(9) 1-yr. alw. per 100 equip. cntry. planning	(10)	(11) Illustration (a) Figure No. or sym. No.
(a)	(b)	(c)					(a)	(b)	(c)	(a)	(b)	(c)			
Source Maint. Recov.							1-20	21-50	51-100	1-20	21-50	51-100			
X2	O			1401—STEERING ASSEMBLY—Continued SUPPORT ASSY: steering gear 11592080 (19207) (M274A2, M274A4, M274A5)	EA	2									52 9
P	F		2530-953-4859	Consists of: BUSHING: steering gear support 10946837 (19207)	EA	1	*	2	2	*	2	2	12		52 13
P	O		2530-936-2272	SUPPORT: steering column 11592079 (19207)	EA	2	*	*	*	*	*	*	5		52 14
P	O		5310-587-1441	WASHER, FLAT: steering pitman arm 7760071 (19207)	EA	1	*	*	2	*	*	2	10		52 1
X2	O			COVER: camshaft T-126032 (77640)	EA	1									53 9
P	O			NUT, PLAIN, HEX: to secure adjusting setscrew MS35691-721 (96906)	EA	1	*	*	2	*	*	2	10		53 1
P	O		5310-655-9285	NUT, PLAIN, HEX: to secure pitman arm MS35691-1022 (96906)	EA	1	*	*	2	*	*	2	10		53 4
P	O		5306-825-6886	SCREW, HEX HEAD: to attach cover to housing MS35295-32 (96906)	EA	3	*	*	2	*	*	2	10		53 7
P	O		2530-572-2865	SEAL, PLAIN, ENCASED: 8716931 (19207)	EA	2	*	*	2	*	*	2	10		53 6
P	O		3505-769-6342	SETSCREW: adjusting, pitman shaft side cover 7696342 (19207)	EA	1	*	*	2	*	*	2	10		53 2
P	O			SHIM SET: side cover 11592036 (19207)	EA	1	*	*	2	*	*	2	10		53 5
X1	O			Consists of: SHIM: .002 11592036-1 (19207)	EA	1									53 5.1
X1	O			SHIM: .003 11592036-2 (19207)	EA	1									53 5.2
X1	O			SHIM: .010 11592036-3 (19207)	EA	1									53 5.3
X1	O			SHIM: .030 11592036-4 (19207)	EA	1									53 5.4
P	O			WASHER, LOCK: to secure pitman arm MS35338-50 (96906)	EA	1	*	*	2	*	*	2	10		53 8
P	O		5310-558-5995	WASHER, FLAT: cover to housing attaching screw 7412883 (19207)	EA	3	*	*	2	*	*	2	10		53 3
P	O		2530-508-2359	ARM, STEERING, BELLCRANK: front and rear 7966724 (19207) (M274A3)	EA	1	*	*	2	*	*	2	10		54 12
P	O		2530-953-4881	ARM: front bellcrank, one front and one rear 11591960 (19207) (M274A2, M274A4, M274A5)	EA	1	*	*	2	*	*	2	10		54 12
P	O		2530-953-4872	BELLCRANK: steering rear 11592065 (19207) (M274A2, M274A4)	EA	1	*	*	2	*	*	2	10		54 2
P	O		3110-975-3586	BEARING, ROLLER, NEEDLE: bellcrank bracket MS17131-26 (96906)	EA	2	*	*	2	*	*	2	12		54 9
X2	O			BRACKET: bearing and seal assy rear steering bellcrank 8336172 (19207) (M274A2, M274A3, M274A4)	EA	1									54 23

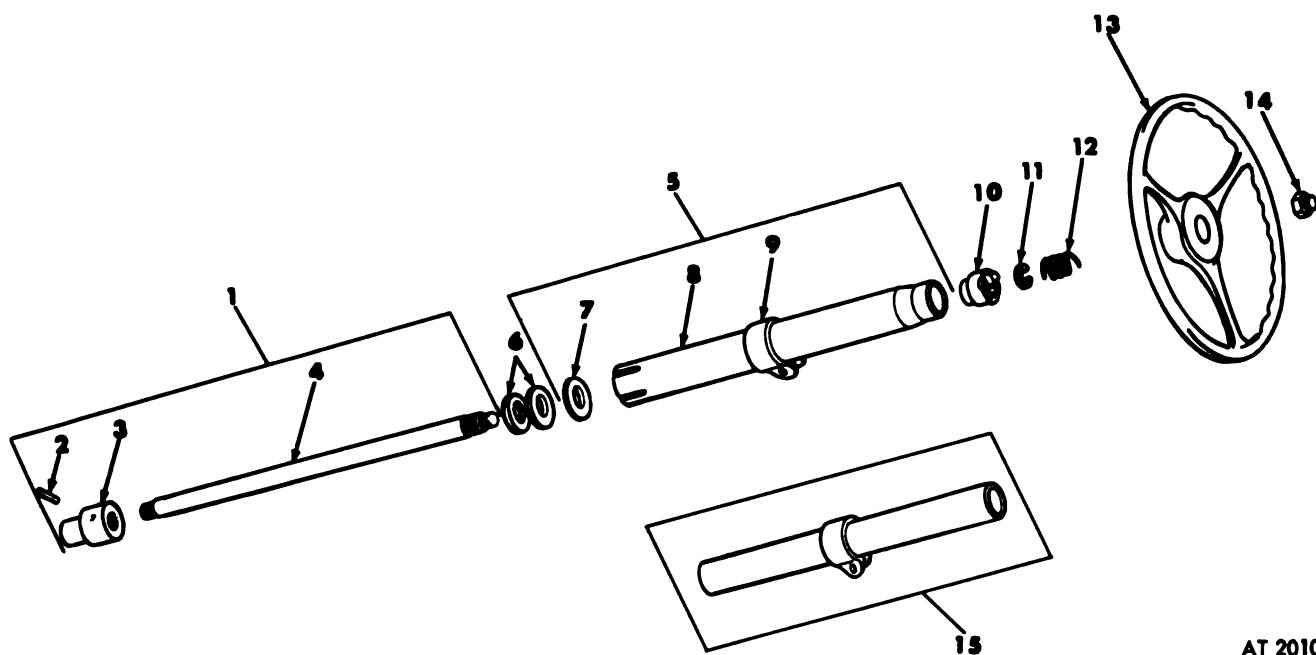
Repair parts for direct and general support

Repair parts for direct and general support																		
(1)			(2)	(3)	(4)	(5)	(6)	(7)			(8)			(9)	(10)	(11)		
Source, maint. and recov. code		Federal stock No.						Description	Unit of meas	Qty inc in unit	Qty inc in pack	30-day DS maint allowance				30-day GS maint allowance		
(a)	(b)	(c)						(a)	(b)	(c)	(a)	(b)	(c)			(a)	(b)	
Source	Maint.	Recov.						1-20	21-50	51-100	1-20	21-50	51-100					
P	O		2540-508-2365	1401—STEERING ASSEMBLY—Continued	EA	1		*	*	2	*	*	*	2	10	55	3	
P	O		4010-832-9024	BELLCRANK: tow bar 8336045 (19207)	EA	1		*	*	2	*	*	*	2	10	55	7	
				CHAIN, WELDLESS: pin retaining quick release 8336287 (19207) (M274A2, M274A3, M274A5)														
P	O		2540-737-5117	CLIP: tow bar pin 7375117 (19207)	EA	1		*	*	2	*	*	*	2	8	55	8	
P	O		5315-290-1350	CLIP: tow bar pin retaining 8332074 (19207)	EA	1		*	*	2	*	*	*	2	10	55	6	
P	O		5310-272-7019	NUT, SELF-LOCKING: tow bar draglink MS20364-1216 (96906)	EA	1		*	*	2	*	*	*	2	10	55	5	
P	O		5315-015-6624	PIN: tow bar 7045670 (19207)	EA	1		*	2	2	*	2	2	2	12	55	11	
P	O		2540-933-1091	PIN ASSY: tow bar 7045671 (19207)	EA	1		*	2	2	*	2	2	2	12	55	12	
P	O		5320-959-0139	RIVET, TUBULAR: tow bar clip MS16535-55 (96906)	EA	1		*	*	2	*	*	*	2	10	55	9	
P	O		5305-728-5475	SCREW, CAP, HEXAGON: tow bar drive link MS29727-200 (96906)	EA	1		*	*	2	*	*	*	2	10	55	1	
P	O		5305-014-5371	SCREW, DRIVE: tow bar pin MS21318-15 (96906)	EA	2		*	*	2	*	*	*	2	10	55	10	
P	O		5310-809-8536	WASHER, FLAT: tow bar draglink screw MS27183-24 (96906)	EA	1		*	*	2	*	*	*	2	10	55	4	
P	O		5306-275-9091	BOLT, MACHINE: tie rod end clamp MS90726-36 (96906)	EA	10		*	2	2	*	2	2	2	12	56	4	
X2	O		2530-933-1089	CLAMP: steering tie rod tube 7760089 (19207)	EA	1		*	*	2	*	*	*	2	12	56	3	
P	O			CLAMP ASSY: steering draglink 8716937 (19207)	EA	10		*	2	2	*	2	2	2	12	56	5	
X2	O			SLEEVE: draglink tube 8336160-1 (19207)	EA	1										56	6	
X2	O			SLEEVE: draglink tube 8336160-2 (19207)	EA	1										56	8	
X2	O			SLEEVE: draglink tube 8336160-3 (19207)	EA	1										56	7	
P	O		2530-953-4877	TIE ROD END: draglink end 7324369 (19207)	EA	4		*	2	2	*	2	2	2	12	56	1	
P	O		2530-953-4878	TIE ROD END: 7324386 (19207)	EA	4		*	2	2	*	2	2	2	12	56	9	
P	O		5310-012-0204	WASHER, LOCK: tie rod end clamp MS35338-26 (96906)	EA	10		*	*	2	*	*	*	2	10	56	2	



AT 20102

Figure 49. Steering gear assembly—partially exploded view.



AT 20103

Figure 50. Steering column assembly—exploded view.

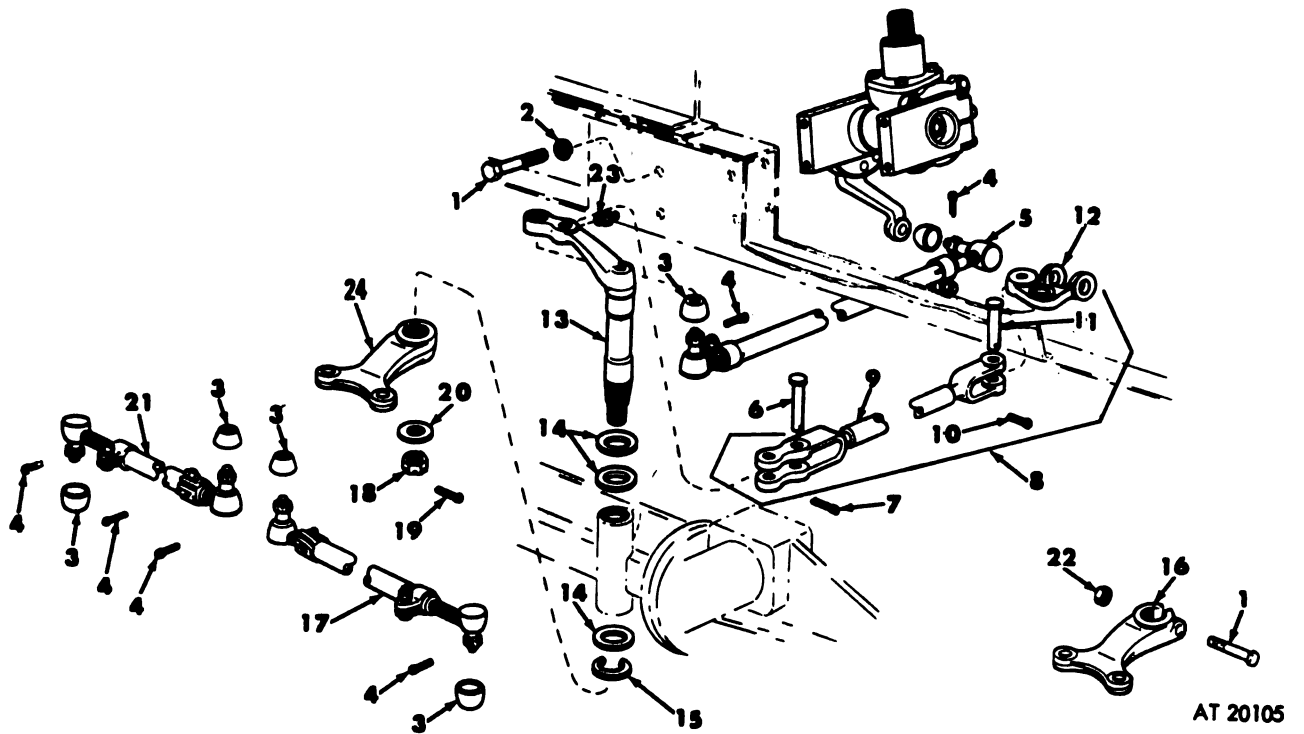
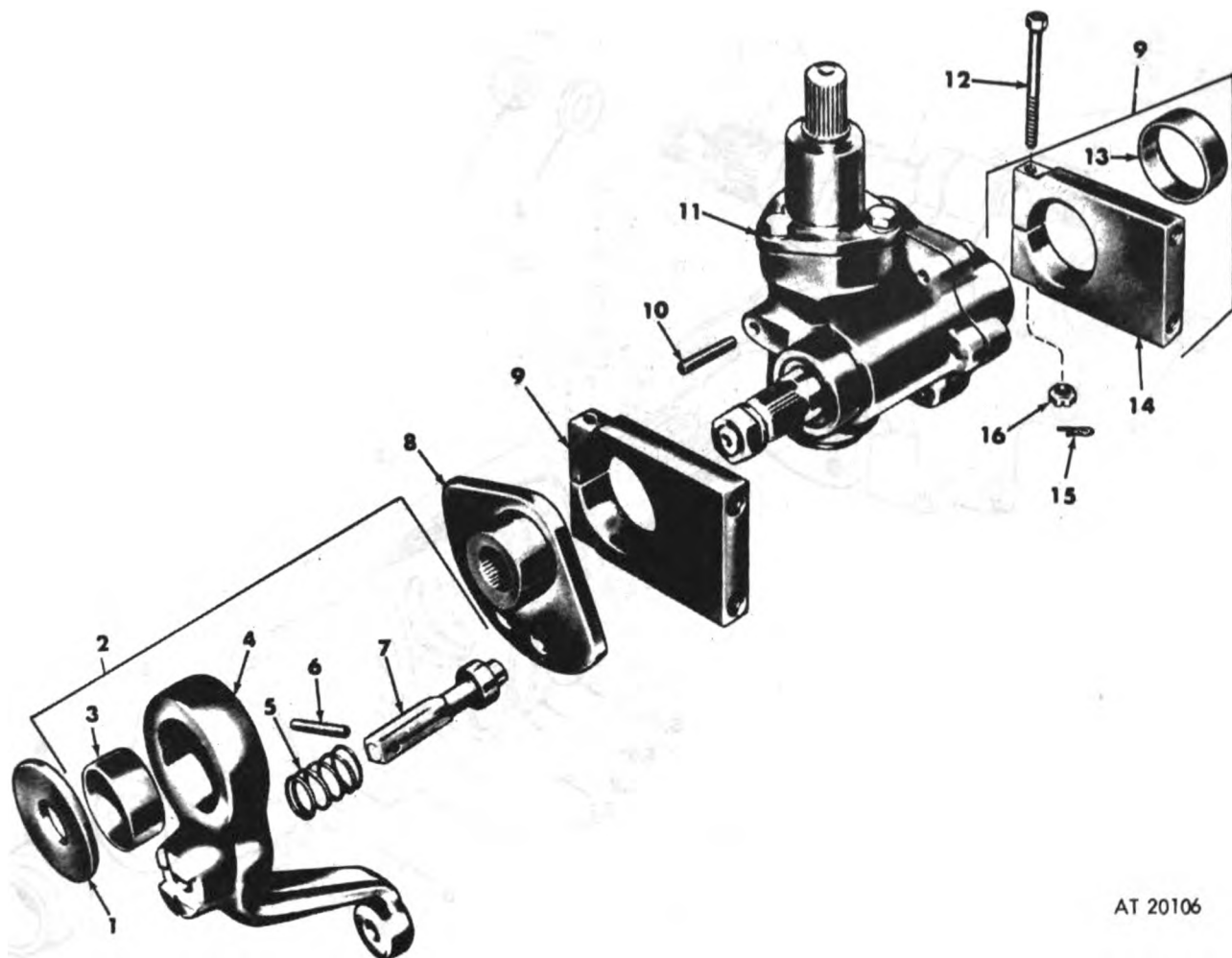


Figure 51. Steering linkage assembly—exploded view (M274A2, M274A3, M274A4).



AT 20106

Figure 52. Steering gear assembly—exploded view.

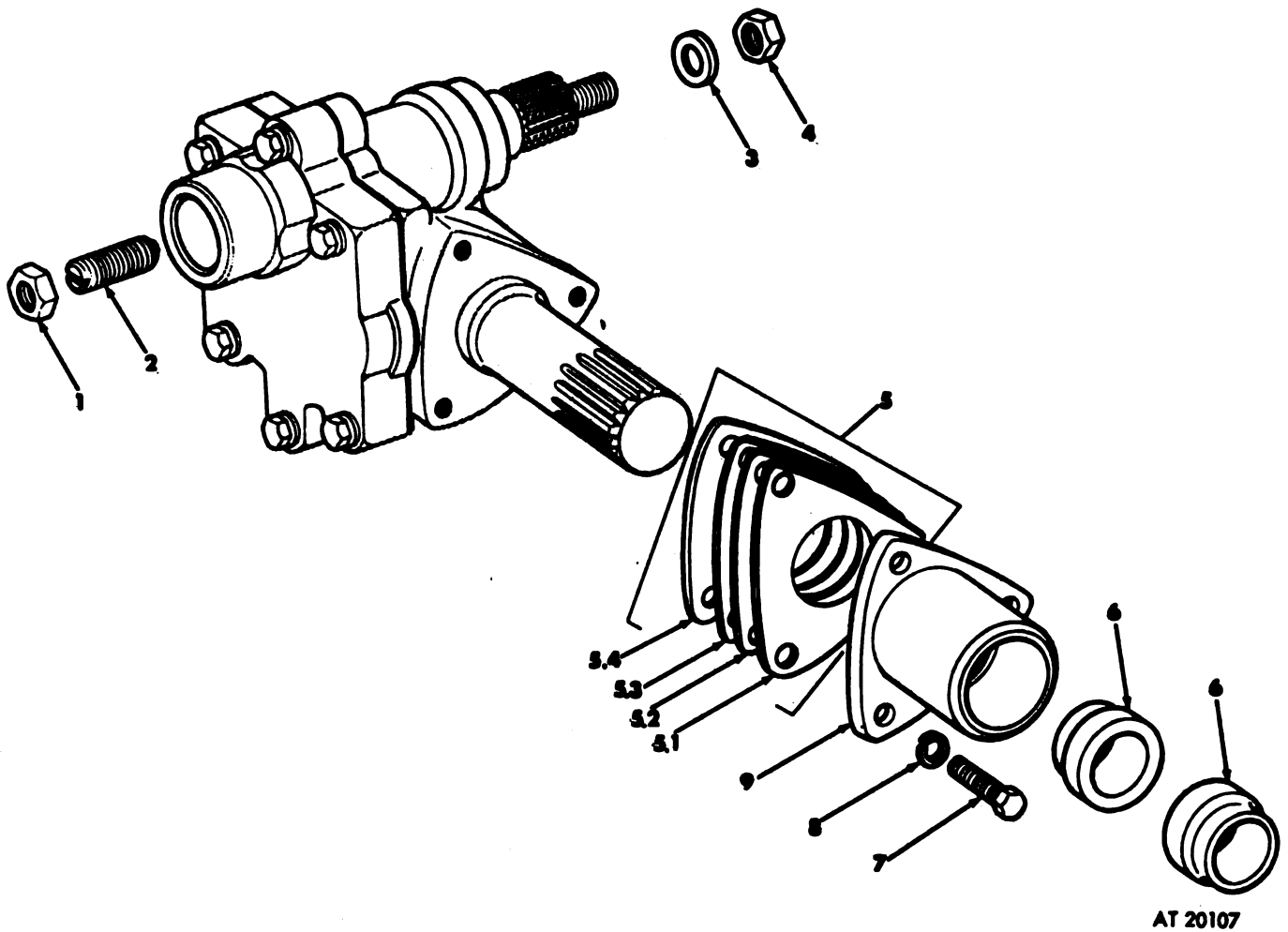
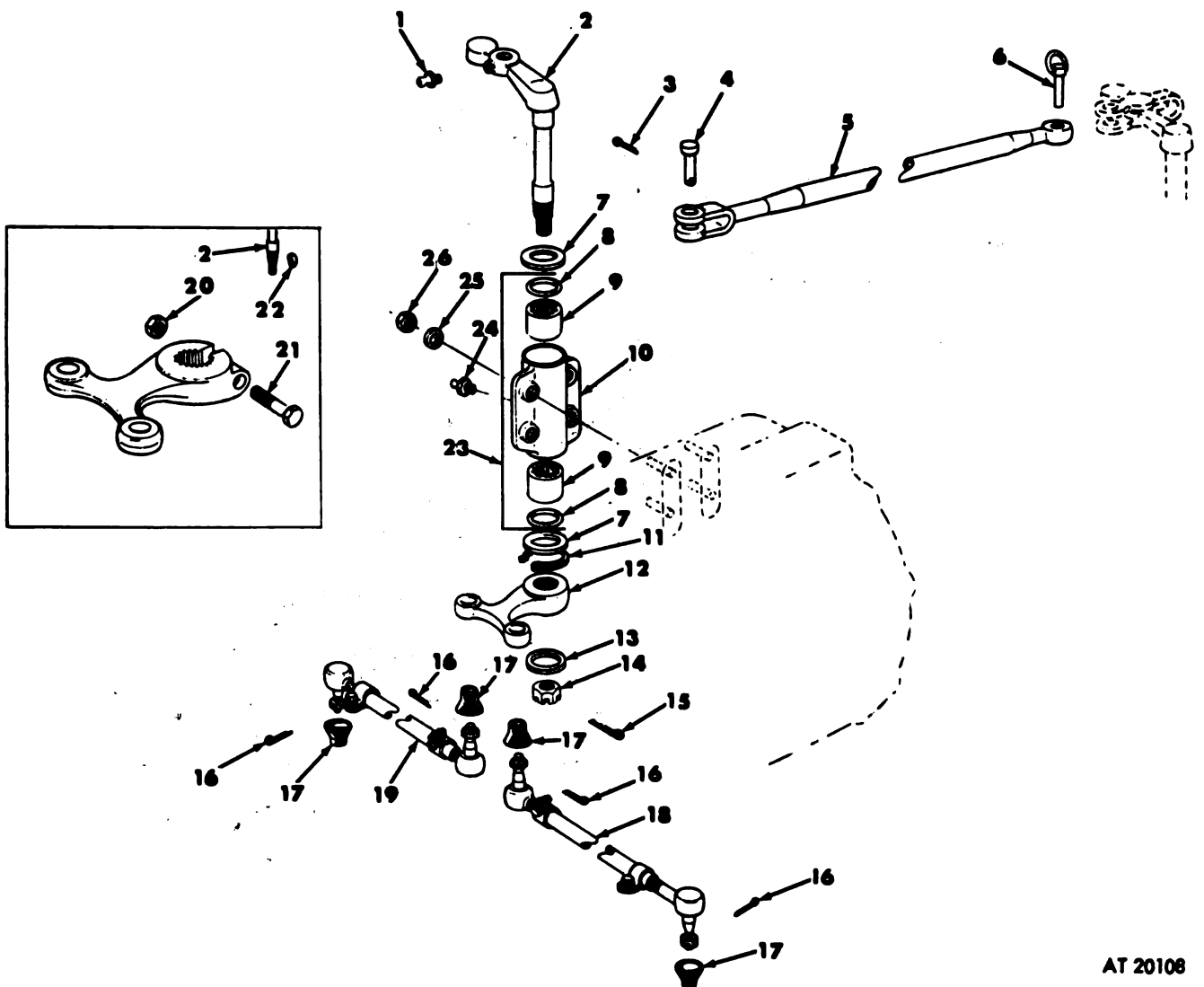
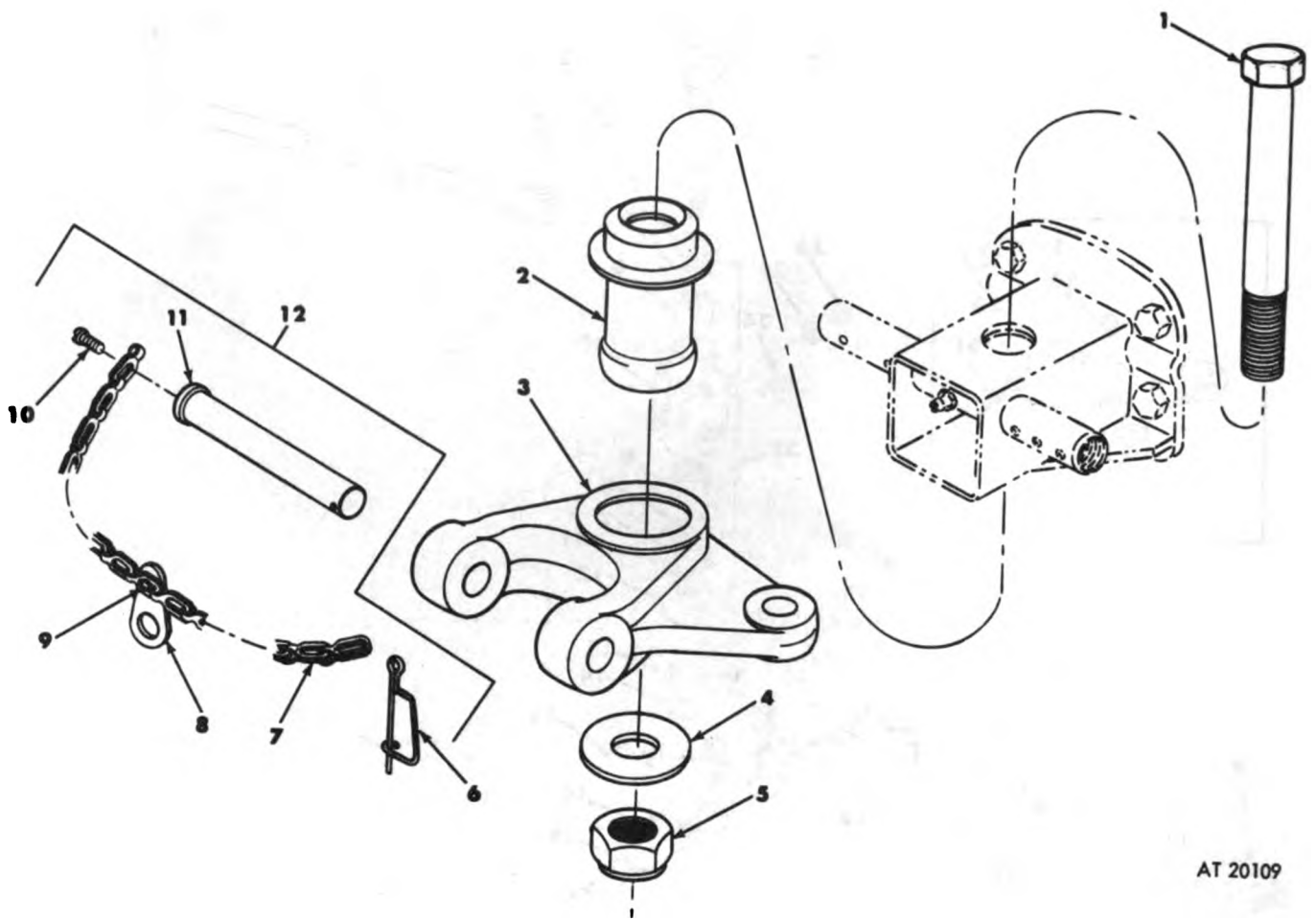


Figure 53. Steering gear cover—exploded view.



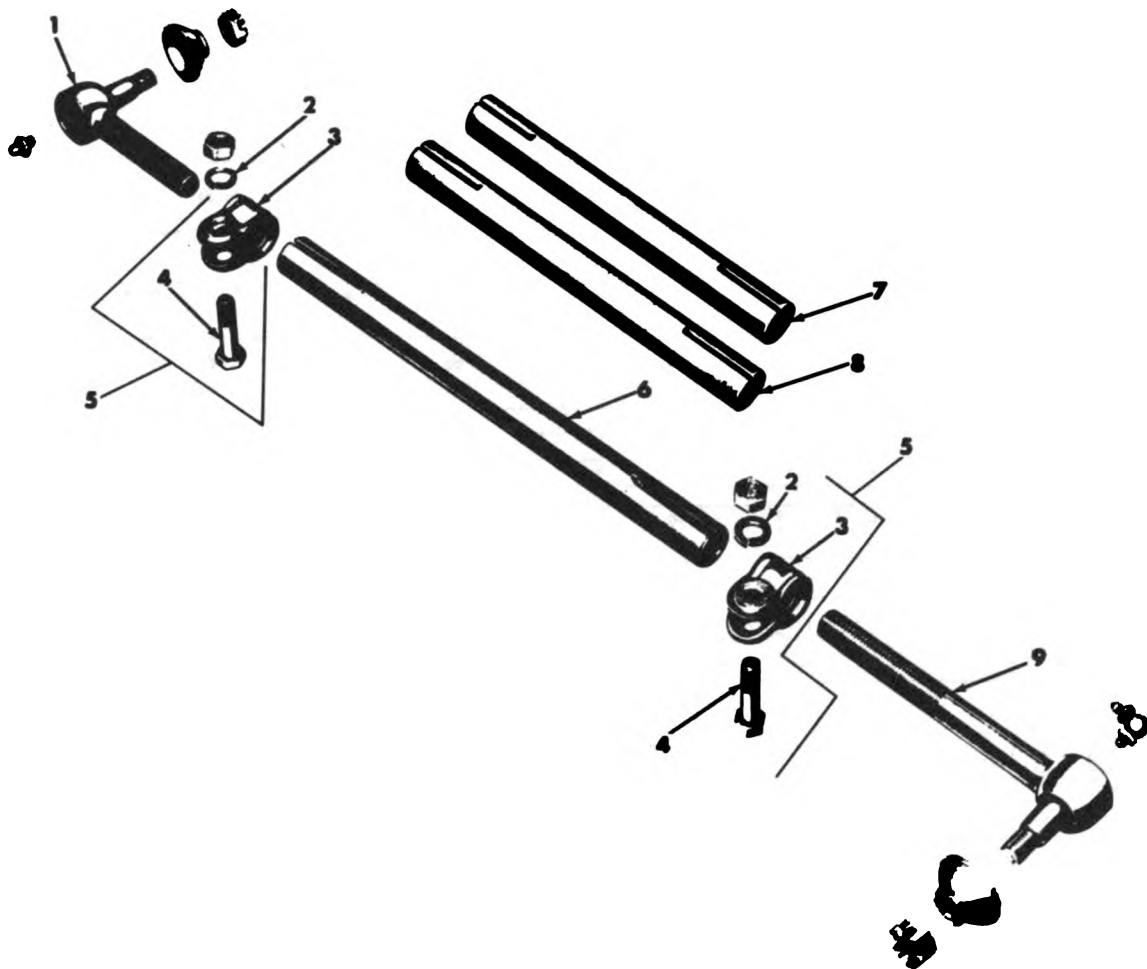
AT 20108

Figure 54. Steering gear linkage assembly—exploded view.



AT 20109

Figure 55. Tow bar bellcrank and related parts—exploded view.



AT 20110

Figure 56. Steering gear draglink—exploded view.

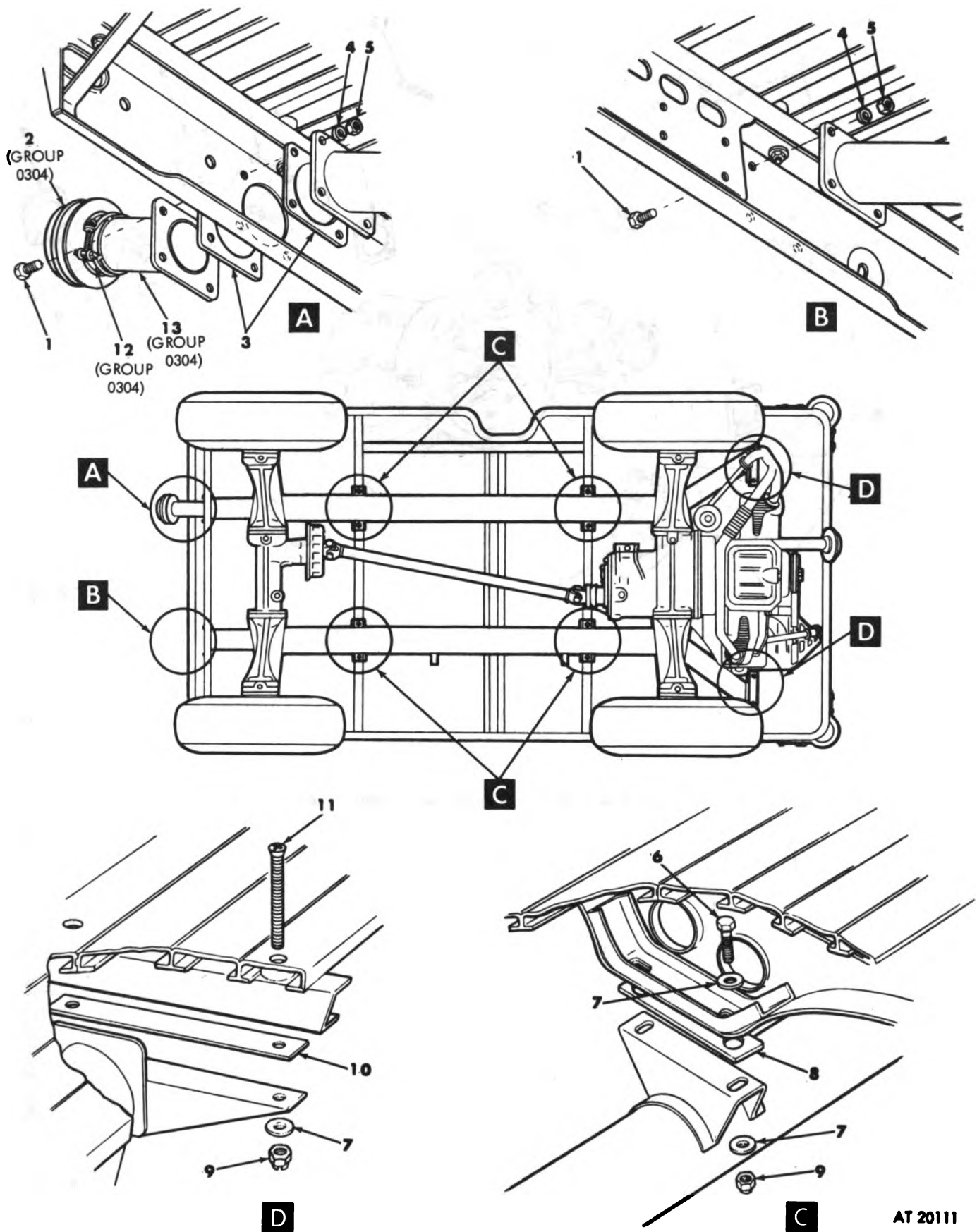
Repair parts for direct and general support

(1) Source, maint. and recov. code			(2) Federal stock No.	(3) Description	(4) Unit of meas	(5) Qty inc in unit pack	(6) 30-day DS maint allowance			(7) 30-day GS maint allowance			(8) 1-37. alw. per 100 equip. catgy. planning	(9)	(10) Illustration (a) Figure (b) Item or sym. No.
(a)	(b)	(c)					(a)	(b)	(c)	(a)	(b)	(c)			
Source Maint. Recov.							1-20	21-60	61-100	1-20	21-60	61-100			
				GROUP 15—FRAME, TOWING ATTACH- MENTS, AND DRAWBARS											
P	O		2940-698-2839	1591—FRAME ASSEMBLY	EA	2	*	*	*	*	*	*	10	57	3
P	O		5310-275-2088	GASKET: air inlet abteld 7966799 (19207)	EA	8	*	2	2	*	*	2	12	57	5
				NUT, SELF-LOCKING: to attach precleaner assy and front frame tubes to crossmember											
P	O		5310-982-4908	MS20365-624C (96906)	EA	12	*	2	2	*	*	2	12	57	9
				NUT, SELF-LOCKING, HEXAGON: to attach rear support assy and main frame tubes to platform MS21045-6 (96906)											
				(M274A2, M274A4, M274A5)											
P	F		5305-269-2903	SCREW, CAP, HEXAGON HEAD: to attach front crossmember to tubes MS90726-60 (96906)	EA	8	*	*	2	*	*	2	10	57	1
				(M274A2, M274A4, M274A5)											
P	O		5305-637-4046	SCREW, CAP, HEXAGON HEAD: to attach front frame tubes to crossmember	EA	8	*	*	2	*	*	2	10	57	1
				MS35292-60 (96906) (M274A3)											
P	O		5305-269-3213	SCREW, CAP, HEXAGON HEAD: to platform	EA	8	*	*	2	*	*	2	10	57	6
				MS90725-62 (96906) (M274A2, M274A4, M274A5)											
P	O			SCREW: to attach reach rear tube supports to platform 192444 (21450)	EA	4	*	*	2	*	*	2	10	57	11
X2	O			SHIM: 10929923 (19207)	EA	2								57	10
X2	O			SHIM: 8336448 (19207)	EA	20								57	8
P	O		5310-080-6004	WASHER, FLAT: platform MS27183-14 (96906) (M274A2, M274A4, M274A5)	EA	20	*	2	2	*	*	2	12	57	7
P	F		5310-637-9541	WASHER, LOCK: to attach front frame tubes to crossmember MS35383-46 (96906)	EA	12	*	*	2	*	*	2	10	57	4
P	O		2510-678-3175	GASKET: tube left side 7045787 (19207)	EA	2	*	2	2	*	*	2	12	58	2
P	O		5310-285-5632	NUT, SELF-LOCKING: axles to tube	EA	2	*	*	2	*	*	2	10	58	11
				MS20365-720C (96906)											
P	O		4780-012-7951	PLUG, PIPE: frame tube drain 127951 (21450)	EA	2	*	*	2	*	*	2	10	58	9
P	F		5305-710-4203	SCREW, CAP, HEXAGON HEAD: to attach front to tube MS90726-97 (96906)	EA	2	*	*	2	*	*	2	10	58	4
P	F		5305-710-4204	SCREW, CAP, HEXAGON HEAD: engine guard to frame MS90726-98 (96906)	EA	2	*	*	2	*	*	2	10	58	8
				(M274A2, M274A4, M274A5)											
P	F		5305-710-4205	SCREW, CAP, HEXAGON HEAD: front axle to tube MS90726-99 (96906)	EA	4	*	*	2	*	*	2	10	58	6
P	F		5305-942-2210	SCREW, CAP, HEXAGON HEAD: to attach main frame tubes, rear support tubes, and	EA	2	*	*	2	*	*	2	10	58	12

P	P	5306-942-2210	engine guard to axle housing MS90726-102 (96906) (M274A3)	EA	2	•	•	2	•	•	•	2	10	58	6
P	P	2510-508-2279	SCREW, CAP, HEXAGON HEAD: engine guard frame MS90726-102 (96906) (M274A3)	EA	1	•	•	•	•	•	•	•	5	58	1
P	P	2510-999-1278	SUPPORT ASSY: left rear 8336054 (19207) (M274A4)	EA	1	•	•	•	•	•	•	•	5	58	1
P	P	2510-562-8653	SUPPORT ASSY: left rear 10919439 (19207) (M274A2, M274A3, M274A5)	EA	1	•	•	•	•	•	•	•	5	58	10
P	P	2510-999-1279	SUPPORT ASSY: right rear 8336065 (19207) (M274A4)	EA	1	•	•	•	•	•	•	•	5	58	10
P	P	2510-999-1283	SUPPORT ASSY: right rear 10919444 (19207) (use M274A2, M274A3, M274A5)	EA	1	•	•	•	•	•	•	•	5	58	5
P	P	2510-508-2278	TUBE ASSY: main frame, left side 10941156 (19207) (M274A2, M274A5)	EA	1	•	•	•	•	•	•	•	5	58	5
P	P	2510-508-2209	TUBE ASSY: main frame, left side 8336054 (19207) (M274A3, M274A4)	EA	1	•	•	•	•	•	•	•	5	58	7
P	P	5310-194-0743	TUBE ASSY: main frame, right side 8336065 (19207) (see fig. 45)	EA	8	•	•	•	•	•	•	•	10	58	8
			WASHER, LOCK: to attach main frame tubes and rear support tubes to axle housing MS35338-28 (96906)	EA	2	•	•	2	•	•	•	2	12	59	2
P	P	5310-285-5632	GASKET: tube left side 7045787 (19207)	EA	8	•	•	2	•	•	•	2	10	59	4
P	P	5310-489-5661	NUT, SELF-LOCKING: front axle to tube MS20365-720C (96906) (M274A2, M274A4, M274A5)	EA	8	•	•	•	•	•	•	•	10	59	4
P	P	5305-710-4203	NUT, STAMPED: front axle to tube MS27151-21 (96906) (M274A3)	EA	5	•	•	•	•	•	•	•	10	59	6
P	P	5305-710-4205	SCREW, CAP, HEXAGON HEAD: to attach rear axle to rear support MS90726-97 (96906)	EA	3	•	•	•	•	•	•	•	10	59	1
P	P	2510-508-2277	SCREW, CAP, HEXAGON HEAD: rear axle to rear support MS90726-99 (96906)	EA	2	•	•	•	•	•	•	•	10	59	3
P	P	5310-194-0743	TUBE ASSY: frame 8336083 (19207)	EA	8	•	•	•	•	•	•	•	10	59	5
			WASHER, LOCK: to attach main frame tubes and front tube assy to axle housing MS35338-28 (96906)	EA	2	•	•	•	•	•	•	•	10	60	1
P	P	2540-508-2366	HOOK ASSY: seat storage 8336083 (19207)	EA	2	•	•	•	•	•	•	•	10	60	5
P	P	5315-842-3651	PIN, COTTER: hook storage MS34665-296 (96906)	EA	2	•	•	•	•	•	•	•	10	60	5
P	P	2520-697-3850	SPRING, HELICAL, COMPRESSION: seat storage, hook 7966610 (19207)	EA	2	•	•	•	•	•	•	•	12	60	3
P	P	2510-508-2209	TUBE ASSY: main frame, right side 8336055 (19207) (M274A3, M274A4)	EA	1	•	•	•	•	•	•	•	5	60	2
P	P	2510-999-1284	TUBE ASSY: main frame, right side 10941157 (19207) (M274A2)	EA	1	•	•	•	•	•	•	•	5	60	2
P	P	2510-933-1125	TUBE ASSY: main frame, right side 11592083 (19207) (M274A5)	EA	1	•	•	•	•	•	•	•	5	60	2
P	P	5310-080-6004	WASHER, FLAT: to attach hook assy to right frame tube MS27183-14 (96906)	EA	2	•	•	•	•	•	•	•	10	60	4

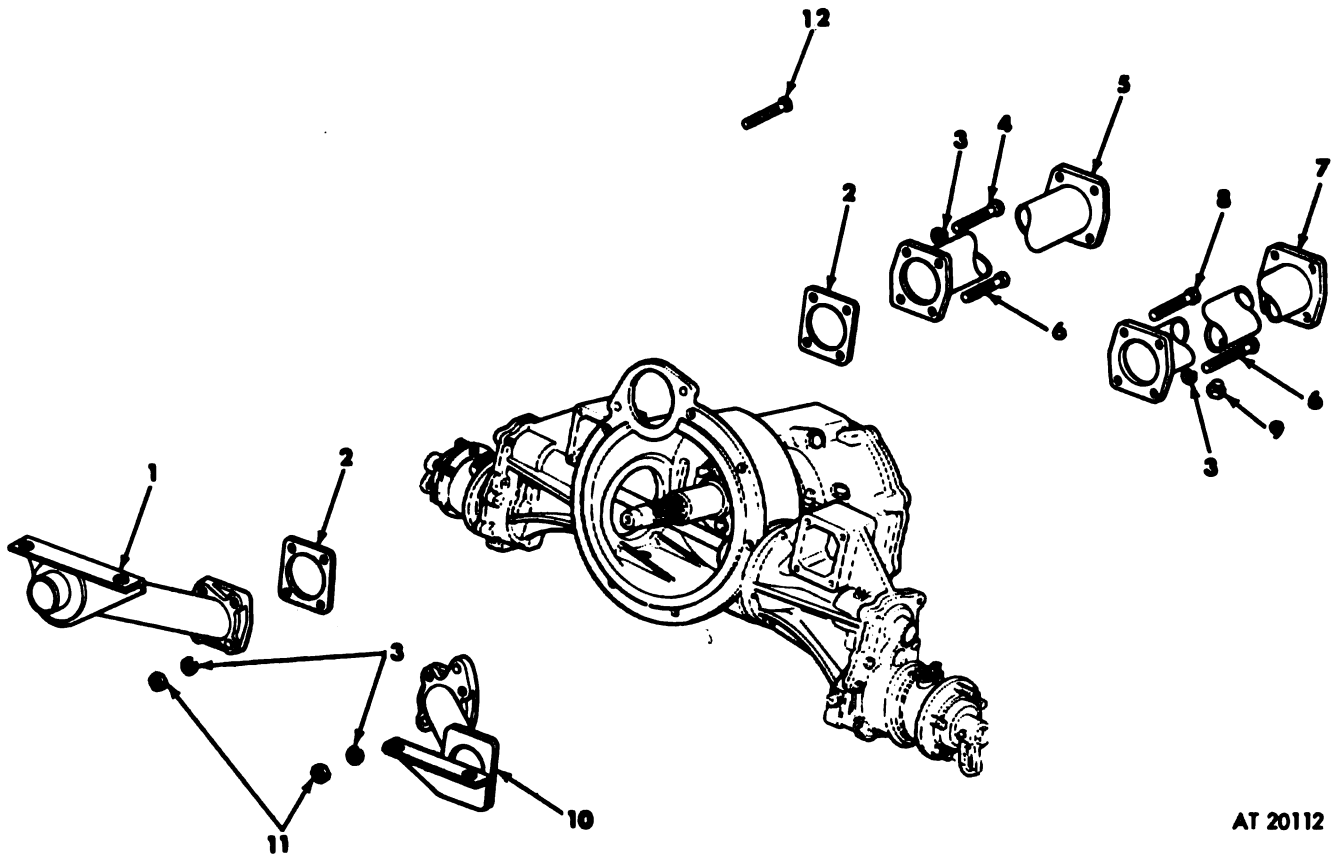
Repair parts for direct and general support

Repair parts for direct and general support																		
(1)		(2)	(3)	(4)	(5)	(6)	(7)			(8)			(9)	(10)	(11)			
Source, maint. and recov. code		Federal stock No.	Description	Unit of meas	Qty inc in unit	Qty inc in unit	30-day DS maint allowance			30-day GS maint allowance			1-yr. alw. per 100 equip. cntgcy. planning		Illustration			
(a)	(b)	(c)					(a)	(b)	(c)	(a)	(b)	(c)			(a)	(b)		
Source	maint.	recov.					1-20	21-50	51-100	1-20	21-50	51-100			Figure No.	Item or sym. No.		
P	O		5310-880-7746	EA	3	*	*	*	2	*	*	2	10		61	4		
P	O		5310-087-4652	EA	5	*	*	*	2	*	*	2	10		61	1		
P	O		2510-072-8253	EA	1	*	*	*	*	*	*	*	5		61	12		
P	O		5305-269-3222	EA	3	*	*	*	2	*	*	2	10		61	9		
P	O		5305-059-7083	EA	2	*	*	*	2	*	*	2	10		61	10		
P	O		5305-958-0591	EA	1	*	*	*	2	*	*	2	10		61	8		
P	O		2510-508-2276	EA	4	*	*	*	2	*	*	2	10		61	11		
X2	O		5310-080-6004	EA	1										61	7		
X2	O		5310-582-5965	EA	1										61	6		
P	O		5310-582-5965	EA	1	*	*	*	2	*	*	2	10		61	3		
P	O		5310-582-5965	EA	5	*	*	*	2	*	*	2	10		61	2		
P	O		5310-582-5965	EA	1	*	*	*	2	*	*	2	10		61	5		
P	O		5310-582-5965	EA	2	*	*	*	2	*	*	2	10		61	13		
P	O		5306-565-5185	EA	1	*	*	*	2	*	*	2	10		62	9		
P	O		5310-880-7746	EA	4	*	*	*	2	*	*	2	10		62	7		
P	O		5315-842-3044	EA	1	*	*	*	2	*	*	2	10		62	8		
X2	O		5305-959-2699	EA	1										62	10		
X2	O		5305-959-2699	EA	1	*	*	*	2	*	*	2	10		62	4		
P	O		5305-959-2699	EA	4	*	*	*	2	*	*	2	10		62	2		
X2	O		5305-959-2699	EA	1										62	5		
X2	O		5305-959-2699	EA	1										62	1		
X2	O		5305-959-2699	EA	1										62	11		
P	O		2540-561-9126	EA	1										62	3		
P	O		5310-407-9566	EA	4	*	*	*	2	*	*	2	10		62	6		



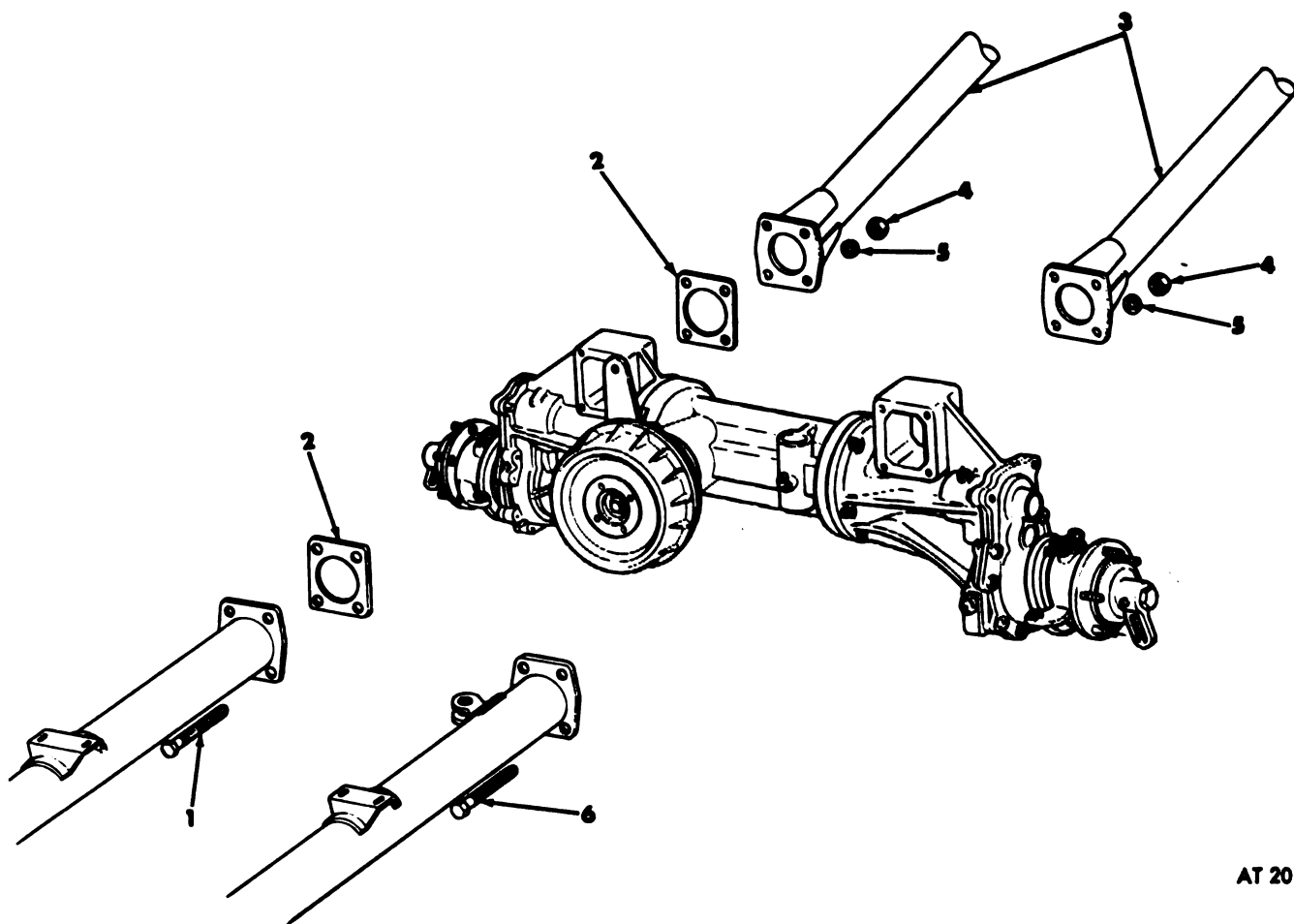
AT 20111

Figure 57. Platform mounting hardware and related parts—exploded view.



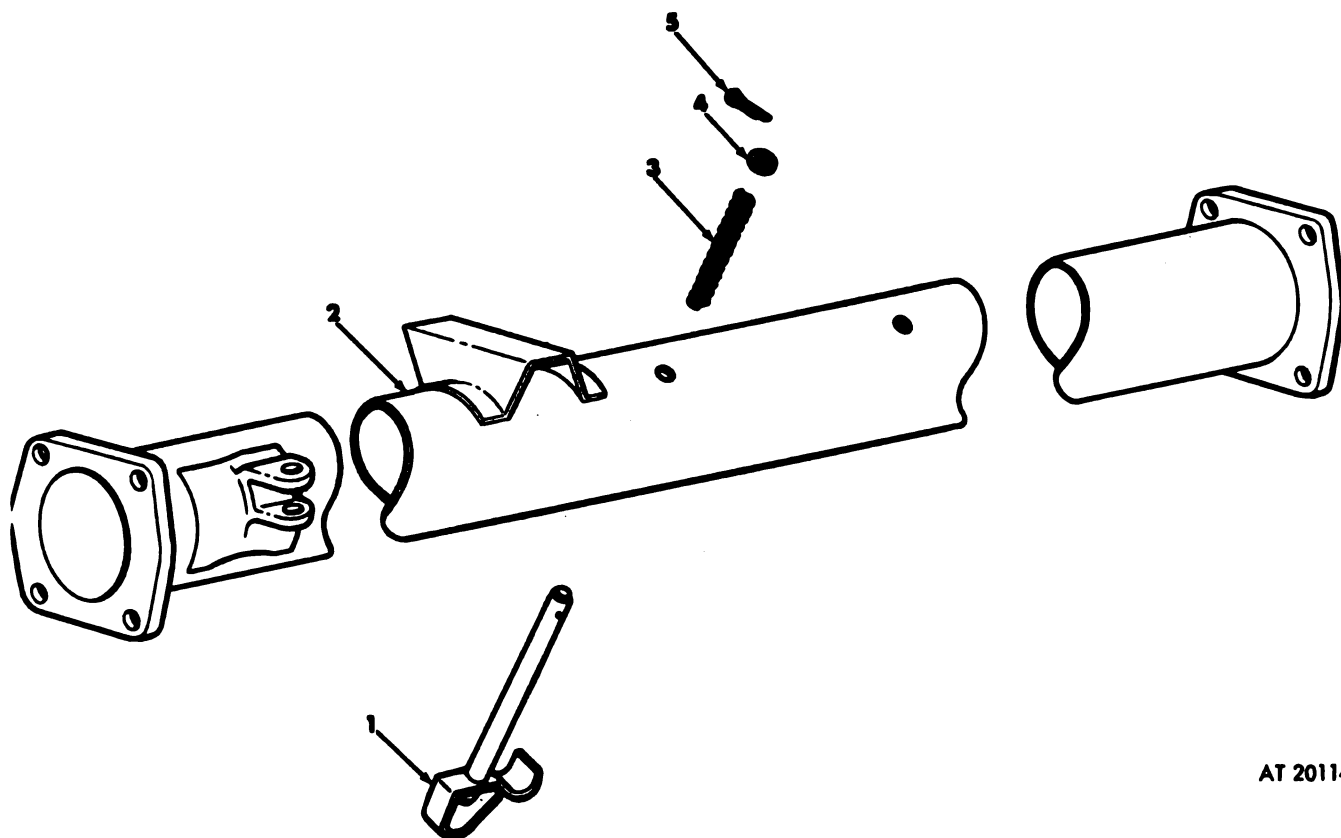
AT 20112

Figure 58. Platform supports—exploded view.



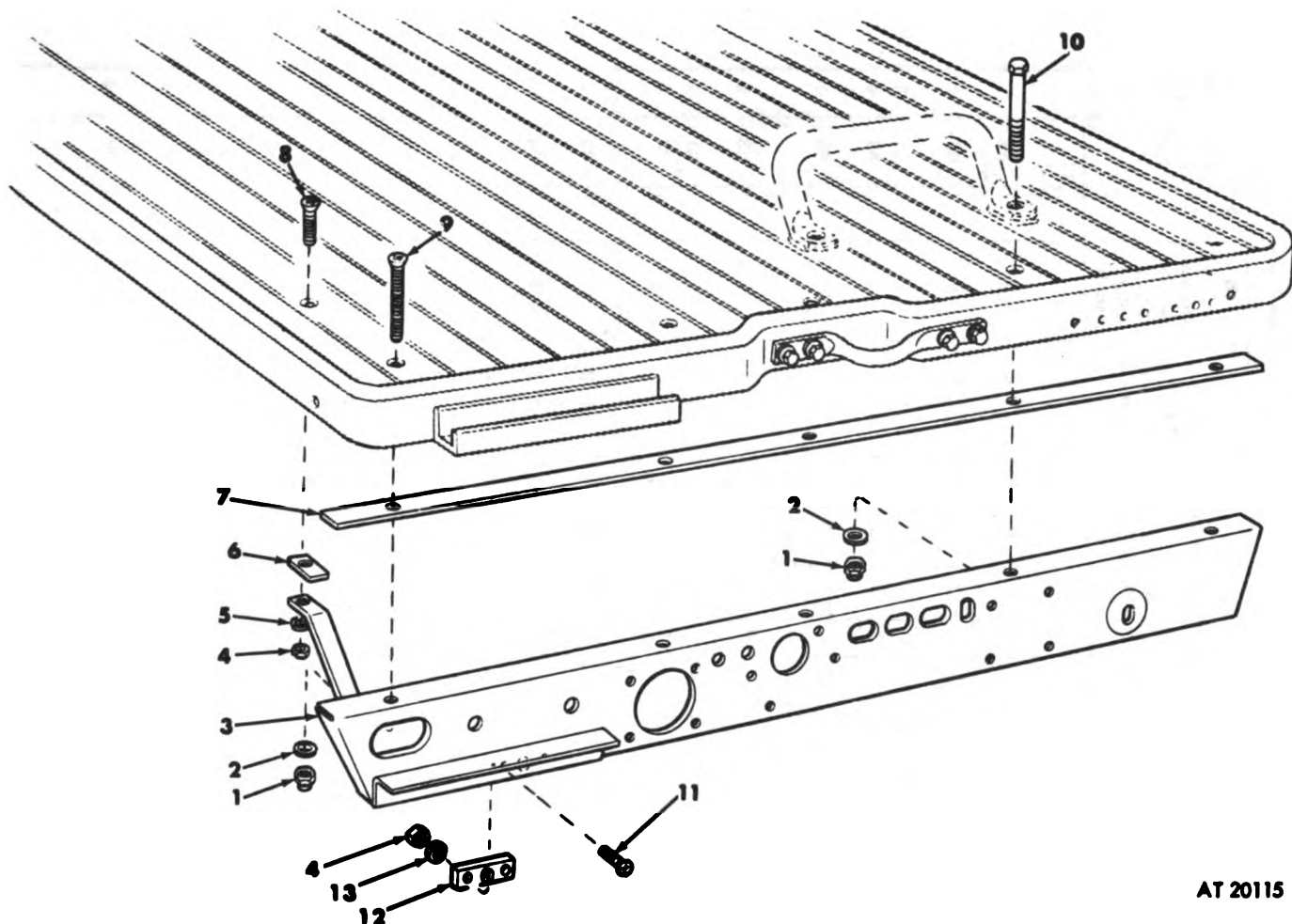
AT 20113

Figure 59. Platform tubes—exploded view.



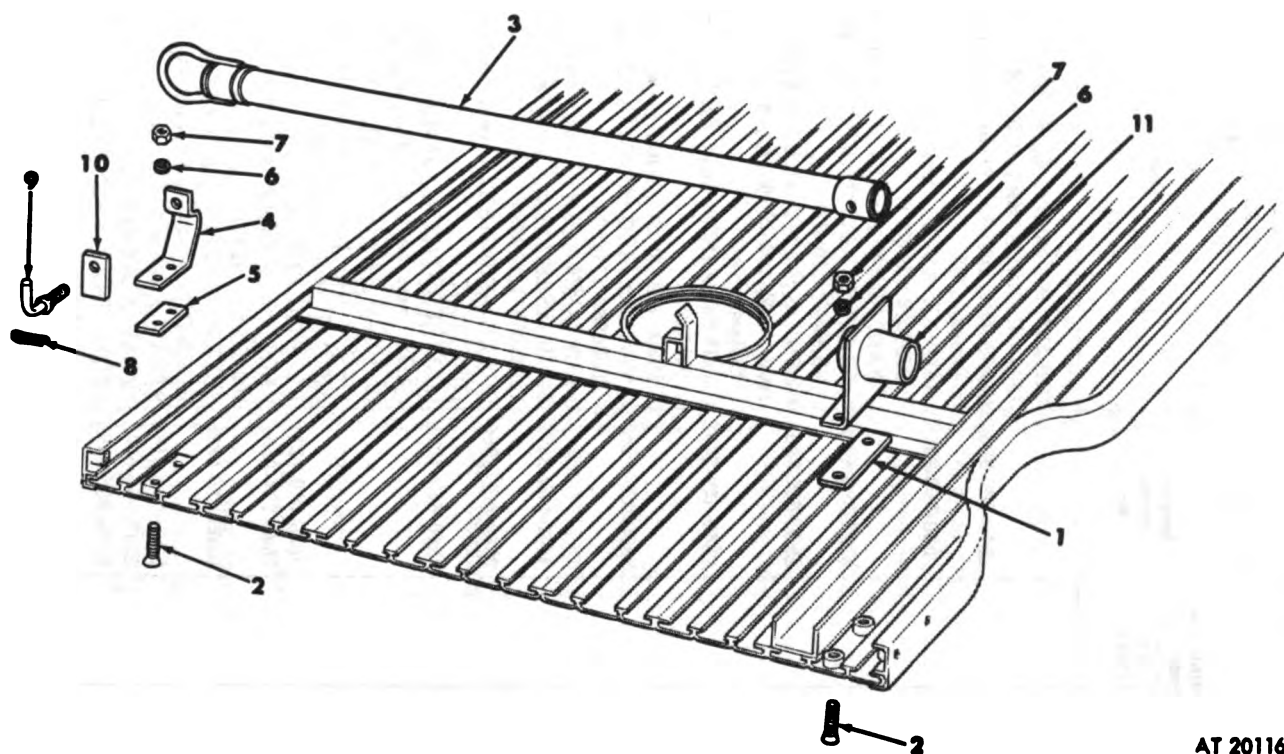
AT 20114

Figure 60. Right mainframe tube assembly—exploded view.



AT 20115

Figure 61. Frame crossmember—exploded view.



AT 20116

Figure 62. Tow bar and related parts—exploded view.

Repair parts for direct and general support																	
(1) Source, maint. and recov. code			(2) Federal stock No.	(3) Description	(4) Unit of meas.	(5) Qty inc in unit pack	(6) Qty inc in unit	(7) 30-day DS maint allowance			(8) 30-day GS maint allowance			(9) 1-yr. alw. per 100 equip. cntgy. planning	(10)	(11) Illustration	
(a) Source	(b) maint.	(c) recov.						(a) -20	(b) 21-50	(c) 51-100	(a) 1-30	(b) 31-50	(c) 51-100			(a) Figure No.	(b) or Item No. syn.
P	O		2540-562-8654	GROUP 18—BODY, CAB, HOOD AND HULL 1806—UPHOLSTERY, SEATS AND CARPETS CUSHION, ASSY: front seat 8686975 (19207) Consists of:	EA	1	1	*	*	2	*	*	2	10		63	1
P	O		2540-562-8652	COVER ASSY: seat cushion (front half) 8686974 (19207)	EA	1	1	*	*	2	*	*	2	10		63	2
X2	O		5315-999-1090	PAD, SEAT CUSHION: 8336281 (19207) STAPLE, HOG RING: seat cushion cover 8336280 (19207)	EA	8	4	*	*	2	*	*	2	12		63	3
P	O		2540-562-8651	CUSHION; ASSY SEAT, VEHICULAR: seat (rear half) 8686976 (19207) Consists of:	EA	1	1	*	*	2	*	*	2	10		63	4
P	O		2540-562-8648	COVER ASSY: seat cushion (rear) 8686979 (19207)	EA	1	1	*	*	2	*	*	2	12		63	5
X2	O		5315-999-1090	PAD, SEAT CUSHION: 8336281 (19207) STAPLE, HOG RING: seat cushion cover 8336280 (19207)	EA	8	4	*	*	2	*	*	2	12		63	6
X2	O		2540-909-2471	BACK ASSEMBLY: seat 10945088 (19207) BACK ASSEMBLY: seat, with pad and cover 10945090 (19207)	EA	1	1	*	*	2	*	*	2	10		64	11
P	O		2540-562-8650	COVER ASSEMBLY: seat back 8686977 (19207)	EA	1	1	*	*	2	*	*	2	10		64	6
P	O		2540-653-7271	LOOP, FOOTMAN: 7597591 (19207) PAD: seat back 836282 (19207)	EA	2	1	*	*	2	*	*	2	10		64	8
X1	O			PLASTIC SHEET: seat back cover 1094590-1 (19207) (fabricate from plastic film FSN 9330- 089-4211 (not illustrated))	EA	1	1	*	*	2	*	*	2	10		64	10
P	F		9330-089-4211	PLASTIC SHEET	EA	1	1	*	*	2	*	*	2	10		64	3
X2	O		2540-774-6552	REINFORCEMENT, SEAT BACK COVER: 10945082 (19207)	EA	1	1	*	*	2	*	*	2	10		64	7
P	O		5305-855-0835	SCREW, TAPPING, SELF-THREAD FORMING MS24615-37 (96906)	EA	17	17	*	*	2	*	*	2	12		64	9
P	O		2540-904-0146	STRAP ASSEMBLY: seat back 8336414 (19207)	EA	1	1	*	*	2	*	*	2	10		64	2
P	O		2540-904-0148	STRAP ASSEMBLY: seat back 8336415 (19207)	EA	1	1	*	*	2	*	*	2	10		64	5
P	O		5325-905-1492	STUD, SNAP FASTENER: seat back cover MS27980-21B (96906)	EA	5	5	*	*	2	*	*	2	10		64	4
P	O		5310-905-1493	WASHER, FINISHING: seat back MS27129-12 (96906)	EA	13	13	*	*	2	*	*	2	10		64	

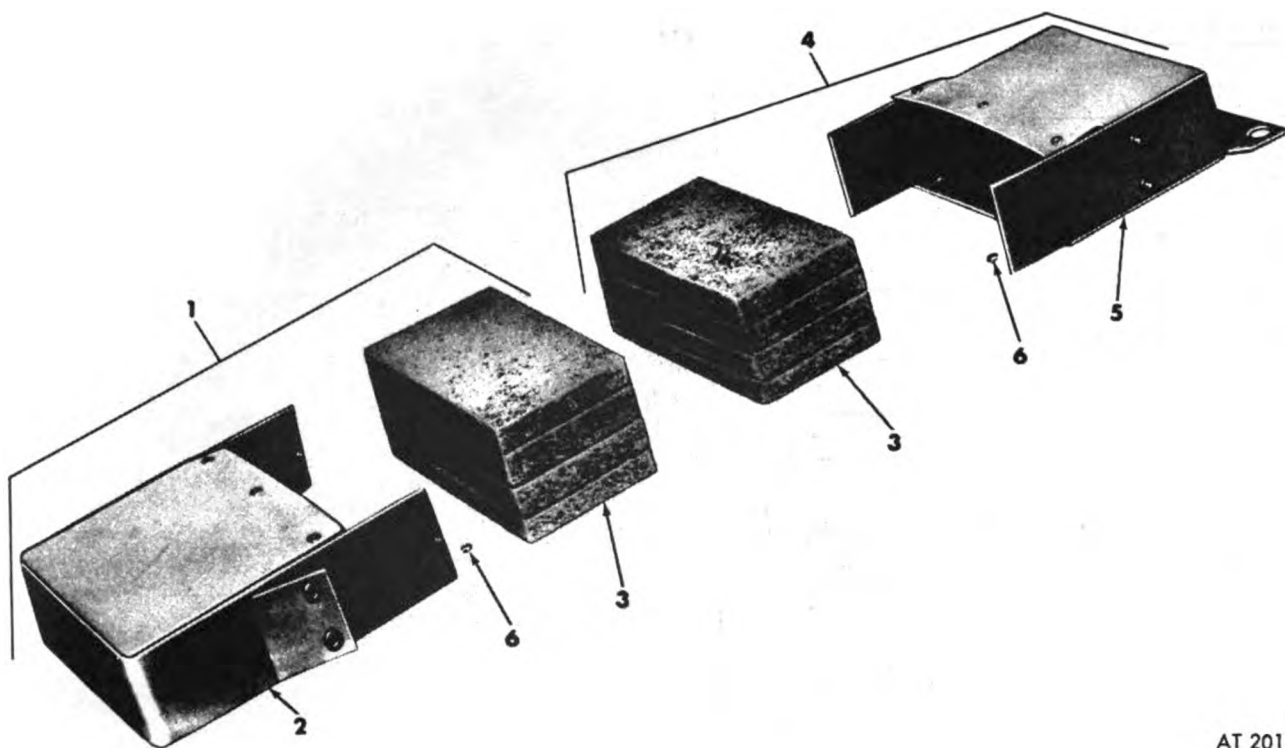
Repair parts for direct and general support																		
(1) Source, maint. and recov. code			(2) Federal stock No.	(3) Description	(4) Unit of meas	(5) Qty inc in unit pack	(6) Qty inc in unit	(7) 30-day DS maint allowance			(8) 30-day GS maint allowance			(9) 1-yr. alw per 100 equip. cntry. planning	(10)	(11) Illustration		
(a) Source	(b) Maint.	(c) Recov.						(a) 1-30	(b) 31-60	(c) 61-100	(a) 1-30	(b) 31-60	(c) 61-100			(a) Figure No.	(b) Item or sym. No.	
X1	O			1810—CARGO BODY (DUMP, STAKE AND PLATFORM) (M274A2, M274A4)—Continued Consists of: CHANNEL ASSY: platform 10945098 (19207)	EA	1										67	6	
P	O		2510-891-4039	COVER PLATE, ACCESS: gun mount opening 11592052 (19207)	EA	1		*	*	*	*	*	*	5			67	4
P	O		2510-763-7332	COVER ASSY: engine access cover 11592057 (19207)	EA	1		*	*	*	*	*	*	5			67	5
X1	O			LID ASSY: steering access 10948259 (19207)	EA	1											67	3
P	O		2510-727-3901	PLATFORM ASSY: welded 10945115 (19207)	EA	1											67	7
P	O		2510-731-4773	PLATFORM ASSY: (complete) 11592146 (19207) (M274A4)	EA	1		*	*	*	*	*	*	5			67	2
X1	O			Consists of: CHANNEL ASSY platform 11592084 (19207)	EA	1											67	6
X1	O			COVER, STEERING: access 10948258 (19207)	EA	1											67	3
P	O		2510-891-4039	COVER ASSY: gun mount opening 11592052 (19207)	EA	1		*	*	*	*	*	*	5			67	4
P	O		2510-763-7332	LID ASSY: engine access 11592067 (19207)	EA	1		*	*	*	*	*	*	5			67	5
P	O		2510-727-3901	PLATFORM ASSY: welded 10945115 (19207)	EA	1		*	*	*	*	*	*	5			67	7
P	O			1810—CARGO BODY (DUMP, STAKE AND PLATFORM) (M274A3)														
P	O		2510-508-2273	FOOTREST ASSY: driver's side 7966715 (19207)	EA	1		*	*	*	*	*	*	5			68	1
P	O		2540-606-9480	Consists of: CLAMPSCREW ASSY: driver's footrest 8336288 (19207)	EA	1		*	*	2	*	*	2	10			68	10
P	O		2510-102-9915	FOOTREST ASSY: driver's footrest 7049702 (19207)	EA	1		*	*	*	*	*	*	5			68	11
P	O		5315-682-2507	PIN, SPRING: MS9048-104 (96906)	EA	1		*	*	2	*	*	*	10			68	12
P	O		5305-051-3958	SCREW: footrest clip 940470 (19207)	EA	2		*	*	2	*	*	2	10			68	8
P	O		5340-792-0846	SPRING, CLIP: 8336225 (19207)	EA	1		*	*	2	*	*	2	10			68	9
P	O		2510-571-6967	PLATFORM ASSY: 8716896 (19207) (M274A3)	EA	1		*	*	*	*	*	*	5			68	2
X1	O			Consists of: CHANNEL ASSY: platform 8336504 (19207)	EA	1											68	6
X1	O			COVER ASSY: gun mount opening 8336469 (19207)	EA	1											68	4
P	O		2510-508-2270	LID ASSY: engine access cover 7966719 (19207)	EA	1		*	*	*	*	*	*	5			68	5
X1	O			LID ASSY: steering access 8716889 (19207)	EA	1											68	3

P	O	2510-756-2712	PLATFORM ASSY: welded 7049682 (19207) 1810—CARGO BODY (DUMP, STAKE AND PLATFORM) (M274A5)	EA	1	*	*	*	*	*	*	*	5	68	7
P	O	2540-226-1852	FOOTREST ASSY: 11592026 (19207)	EA	1	*	*	*	*	*	*	*	5	69	1
P	O	2540-933-2270	CLAMPSCREW ASSY: drivers footrest lower frame 11592027 (19207) (M274A2, M274A4, M274A5)	EA	1	*	*	2	*	*	*	2	10	66	6
P	O	2510-936-2275	PLATFORM ASSY: (complete) 11592142 (19207)	EA	1	*	*	*	*	*	*	*	5	69	2
X2	O		Consists of: CHANNEL ASSY: platform and engine access lid lock 1094098 (19207)	EA	1									69	5
P	O	2510-936-2274	COVER ASSY: gun mount opening 11592140 (19207)	EA	1	*	*	*	*	*	*	*	5	69	3
P	O	2510-936-2273	LID ASSY: engine access 11592135 (19207) (M274A5)	EA	1	*	*	*	*	*	*	*	5	69	4
P	O	2510-725-5258	PLATFORM WELDED: 11592100 (19207)	EA	1	*	*	*	*	*	*	*	5	69	6
P	O	2510-102-3676	1810—CARGO BODY (DUMP STAKE AND PLATFORM) COVER PLATE, ACCESS: gun mount opening 8336469 (19207) (M274A3)	EA	1	*	*	*	*	*	*	*	5	70	8
P	O	2510-725-5230	Consists of: COVER ASSY: gun mount opening 8336488 (19207)	EA	1	*	*	*	*	*	*	*	5	70	1
P	O	2510-697-3987	LOCK ASSY: steering access (1) gun mount cover (2) engine access cover (1) 7966721 (19207)	EA	3	*	*	*	*	*	*	*	5	70	2
P	O	5310-880-9744	Consists of: NUT, GUN MOUNT COVER: MS51967-5 (96906)	EA	1	*	*	2	*	*	*	2	10	70	4
P	O	5315-844-4290	PIN, SPRING: gun mount access cover MS16682-25 (96906) (M274A3)	EA	1	*	*	2	*	*	*	2	10	70	3
P	O	2540-697-3990	ROD: gun mount cover (1) engine access (1) steering access (1) 7966720 (19207)	EA	3	*	*	2	*	*	*	2	10	70	7
P	O	5310-550-1454	WASHER SPRING: gun mount cover 8329984 (19207)	EA	2	*	*	*	*	*	*	*	5	70	5
P	O	5310-081-4219	WASHER, FLAT: MS27183-12) (96906)	EA	1	*	*	*	*	*	*	*	5	70	6
P	O	2510-936-2271	BRACKET, LID: lock, engine access lid 11592058 (19207) (M274A5)	EA	1	*	*	*	*	*	*	*	5	71	2
P	O	5310-880-7744	NUT, FLAIN, HEXAGON: bracket, lock, engine access lid MS51967-5 (96906) (M274A5)	EA	1	*	*	*	*	*	*	*	5	71	4
P	O	5305-958-5252	SCREW, ENGINE ACCESS LID: MS35190-304 (96906) (M274A2, M274A4, M274A5)	EA	1	*	*	*	*	*	*	*	5	71	1
P	O	5310-012-0214	WASHER LOCK: bracket, lock, engine access lid MS35388-26 (96906) (M274A2, M274A4, M274A5)	EA	1	*	*	*	*	*	*	*	5	71	3

Repair parts for direct and general support

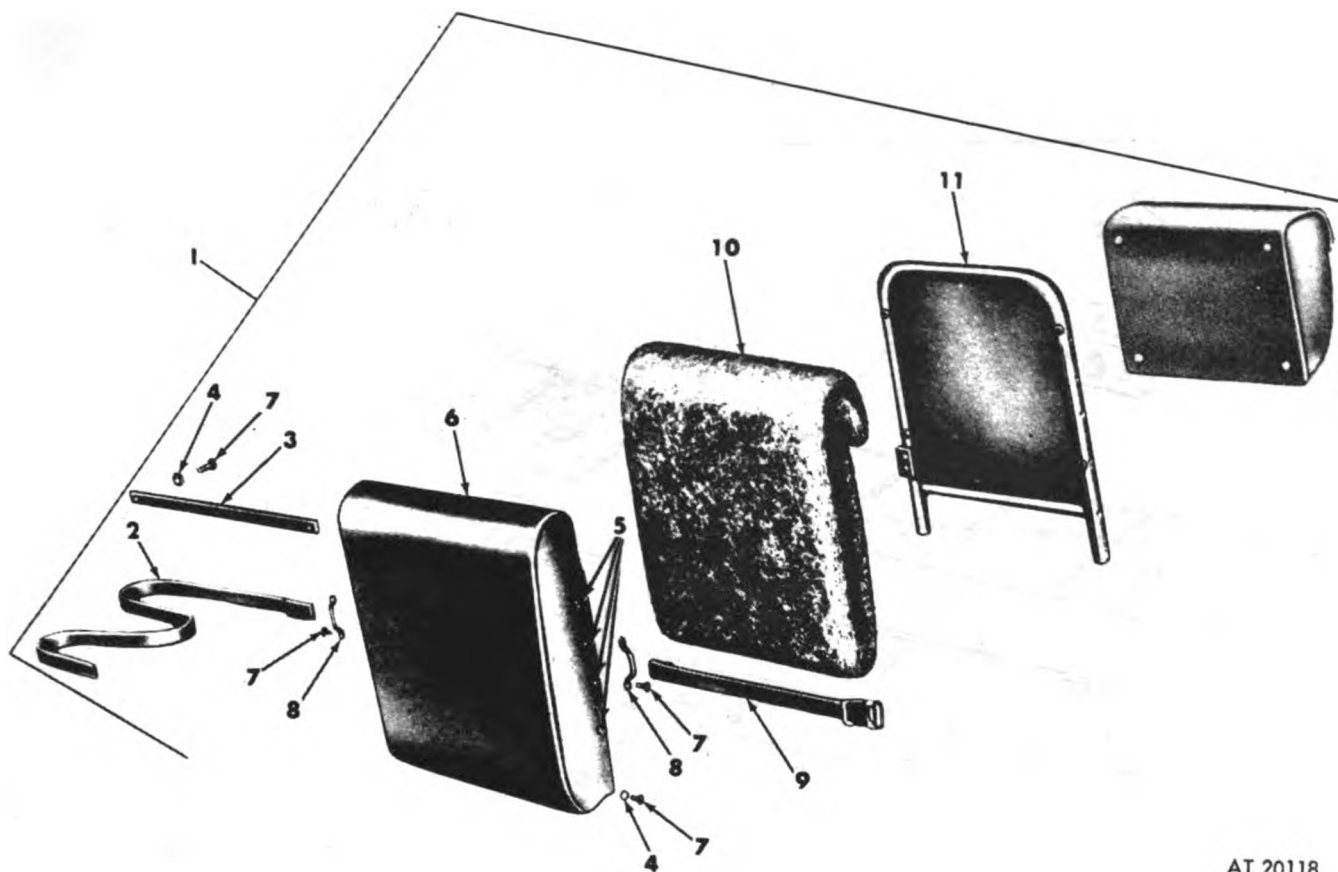
(1) Source, maint. and recov. code		(2) Federal stock No.	(3) Description	(4) Unit of meas	(5) Qty inc in unit pack	(6) 30-day DS maint allowance			(7) 30-day GS maint allowance			(9) 1-yr. alw per 100 equip. cntgcy planning	(10)	(11) Illustration (a) (b) Figure Item No. or sym. No.
(a)	(b)					(a)	(b)	(c)	(a)	(b)	(c)			
Source maint. recov.						1-20	21-50	51-100	1-20	21-50	51-100			
P	O	5315-844-4290	1810—CARGO BODY (DUMP, STAKE AND PLATFORM)—Continued	EA	2	*	*	*	*	*	*	5		72 1
P	O	5310-081-4219	PIN, SPRING: engine access cover MS16562-25 (96906) (M274A3)	EA	1	*	*	*	*	*	*	5		72 3
P	O	5310-550-1459	WASHER, FLAT: engine access lid MS27183-12 (96906) (M274A3)	EA	1	*	*	*	*	*	*	5		72 2
P	O	5340-938-2977	WASHER, SPRING: engine access cover 8329984 (19207) (M274A3)	EA	1	*	*	*	*	*	*	5		73 1
X2	O		"D" RING: steering access cover 10948239 (19207) (M274A2, M274A4)	EA	1	*	*	*	*	*	*			73 3
X2	O		LATCH: locking, access lid, steering 11592049 (19207) (M274A2, M274A4)	EA	1	*	*	*	*	*	*			73 2
X2	O		LID ASSY: steering access 10948258 (19207) (M274A2, M274A4)	EA	1	*	*	*	*	*	*			74 1
P	O	5315-844-4290	LID ASSY: steering access 8336496 (19207) (M274A3)	EA	1	*	*	*	*	*	*	5		74 3
P	O	5310-081-4219	PIN, SPRING: steering access cover MS16562-25 (96906) (M274A3)	EA	1	*	*	*	*	*	*	5		74 2
P	O	2510-104-6657	WASHER, FLAT: steering access cover MS27183-12 (96906) (M274A3)	EA	1	*	*	*	*	*	*	5		75 3
P	O	2510-725-5228	BRACKET, LATCH ASSY: gun mount cover 11592051 (19207) (M274A5)	EA	1	*	*	*	*	*	*	5		75 2
P	O	5340-938-2977	COVER, PLATE ACCESS: gun mount opening 11592138 (19207) (M274A5)	EA	1	*	*	*	*	*	*	5		75 1
P	O	5310-275-2017	"D" RING: gun cover (10948239) (19207)	EA	1	*	*	*	*	*	*	5		75 4
P	O	5306-832-6812	NUT, SELF-LOCKING, HEXAGON: gun mount cover catch MS20364-524A (96906) M274A2, M274A4	EA	1	*	*	*	*	*	*	5		75 5
P	O	5315-844-4790	POLT SHOULDER LOCK: gun mount cover 10948248 (19207) (M274A2, M274A4, M274A5)	EA	1	*	*	*	*	*	*	5		75 6
P	O	2510-571-6966	PIN SPRING MS16562-25 (96906)	EA	1	*	*	*	*	*	*	5		76 4
P	O	2510-578-3176	HAND RAIL ASSY: left 876895 (19207)	EA	1	*	*	*	*	*	*	5		76 1
P	O	2510-571-6965	HAND RAIL ASSY: front 7045717 (19207)	EA	1	*	*	*	*	*	*	5		76 2
P	O	2510-508-2274	HAND RAIL ASSY: right 8716984 (19207)	EA	1	*	*	*	*	*	*	5		76 3
P	O	2590-697-4324	HAND RAIL ASSY: rear 7966723 (19207)	EA	1	*	*	*	*	*	*	10		77 1
P	O	5310-761-6882	FASTENER, CYLINDER: driver's seat 7966498 (19207)	EA	1	*	*	*	*	*	*	10		77 3
P	O		NUT, PLAIN, HEXAGON: seat back retaining catch MS51967-2 (96906)	EA	1	*	*	*	*	*	*	2		

P	O	5305-068-0801	SCREW, CAP, HEXAGON: seat back latch MS90725-75 (96906)	EA	1	*	*	2	*	*	2	10	77	5
P	O	5310-809-4058	WASHER, FLAT: seat back retaining MS27183-10 (96906)	EA	1	*	*	2	*	*	2	10	77	4
P	O	5310-687-9541	WASHER LOCK: seat back retaining catch MS35338-46 (96906)	EA	2	*	*	2	*	*	2	10	77	2
X1	O		SHIM: platform channel 8336449 (19207)	EA	1								78	1
X1	O		SHIM: platform channel 8336500 (19207) (M274A3)	EA	1								78	2
X1	O		SHIM: platform channel 11592047-1 (19207) (M274A2, M274A4, M274A5)	EA	1								78	2
X1	O		SHIM: platform channel 11592047-2 (19207) (M274A2, M274A4, M274A5)	EA	1								78	1



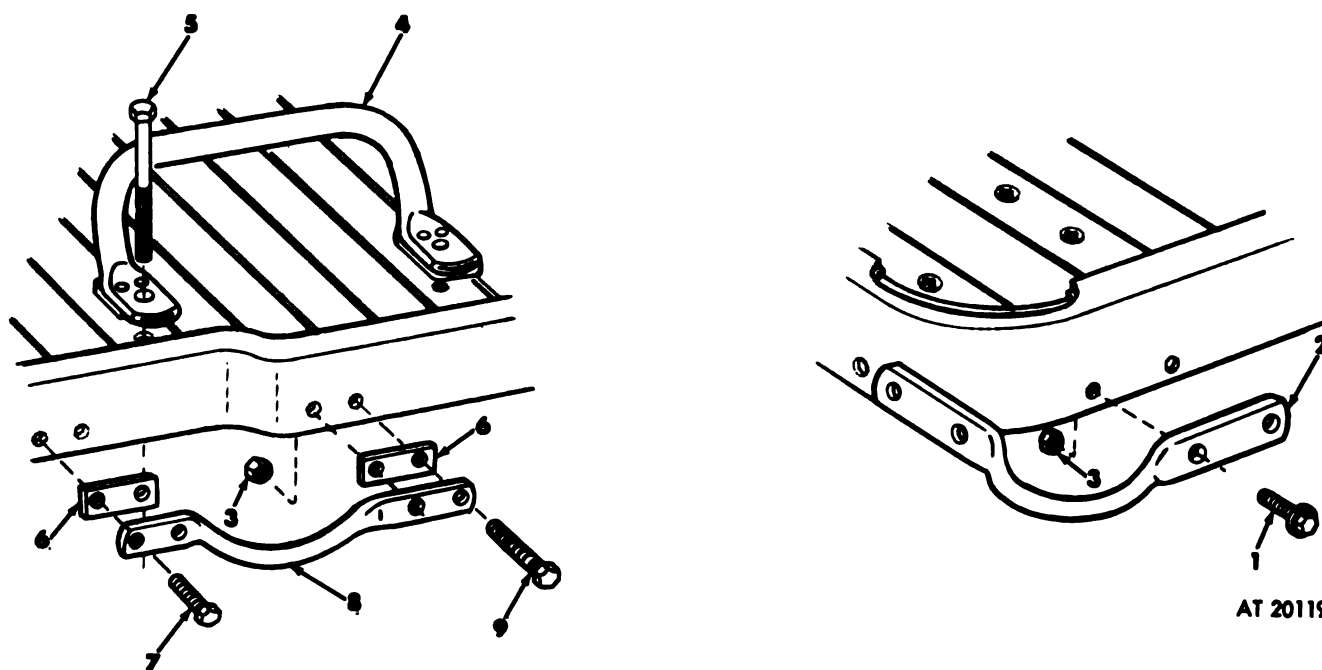
AT 20117

Figure 63. Seat cushion assembly—exploded view.



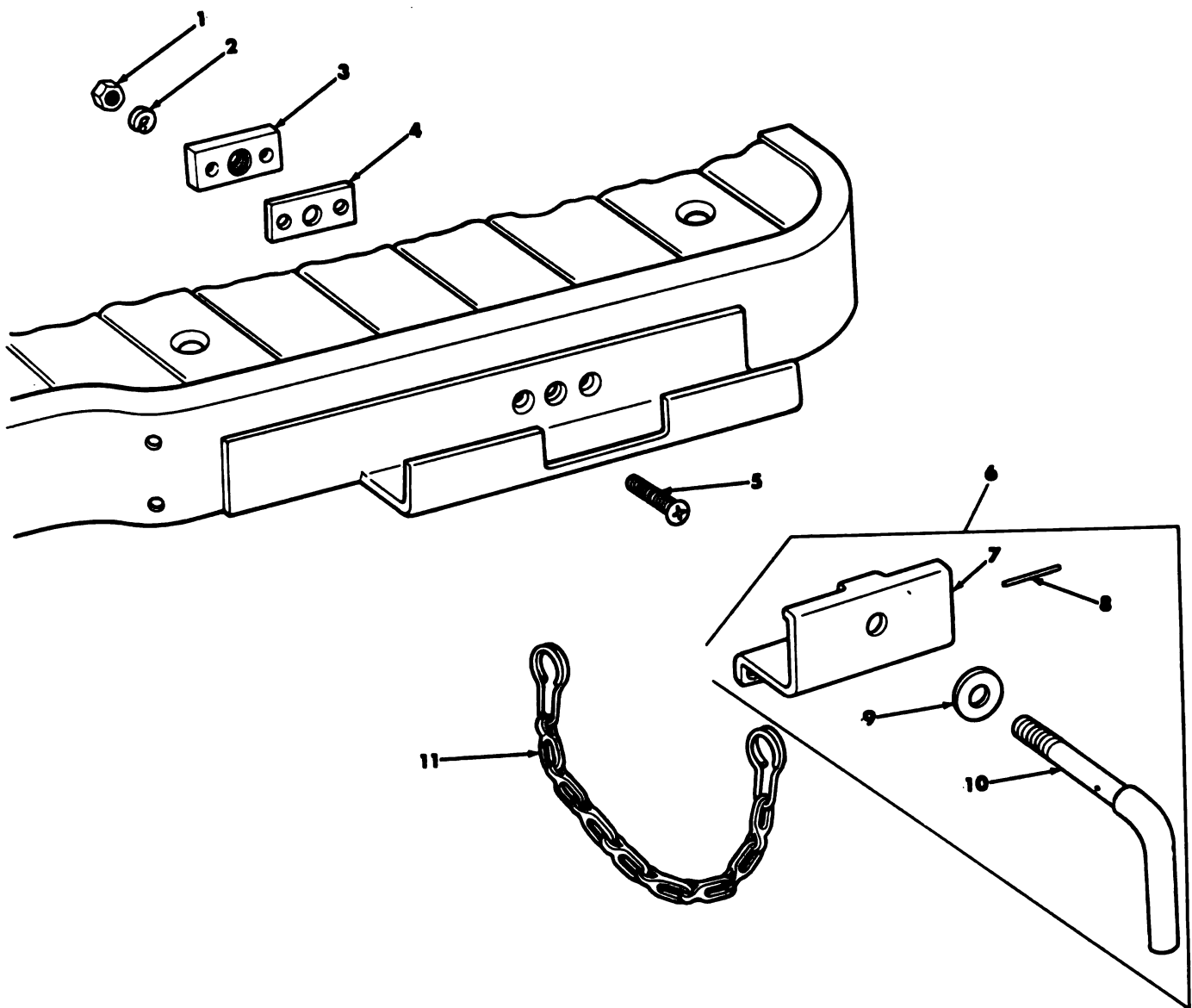
AT 20118

Figure 64. Seat back assembly—exploded view.



AT 20119

Figure 65. Lifting loops—exploded view.



AT 20120

Figure 66. Platform footrest clamp screw—exploded view.

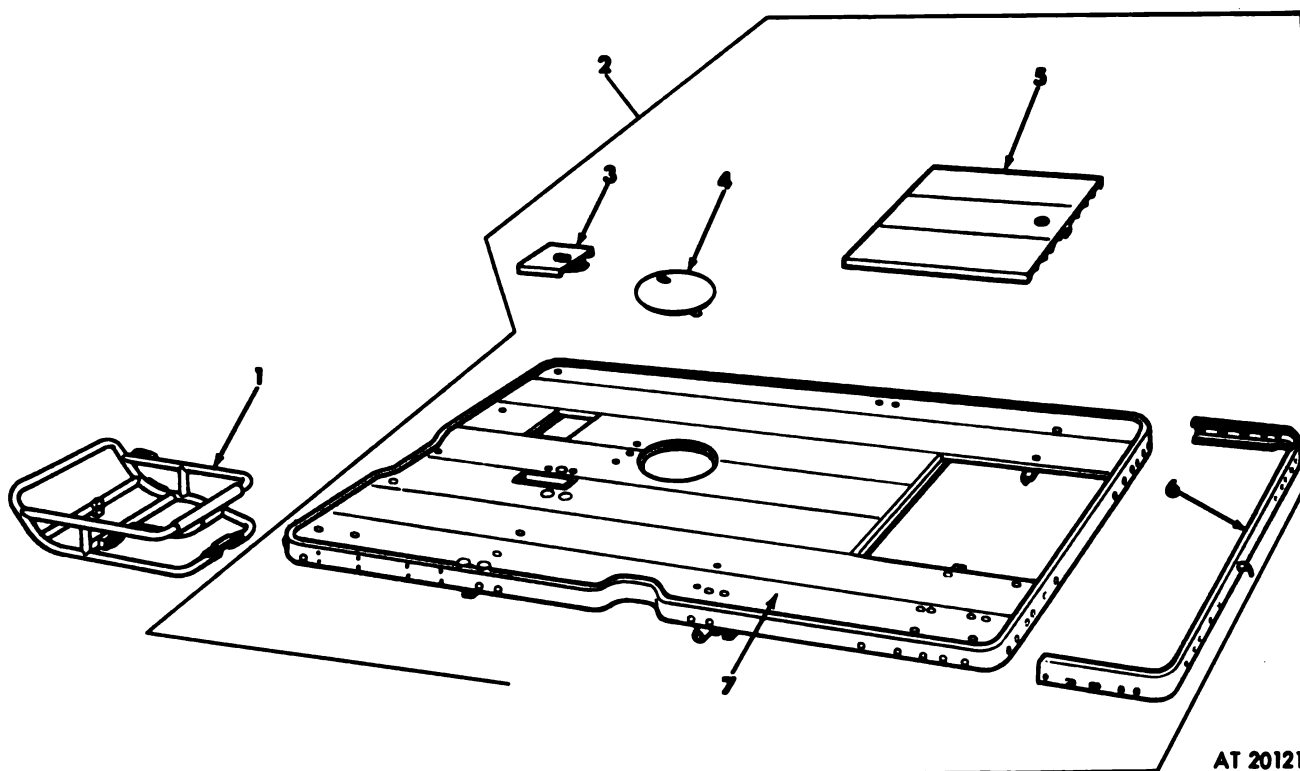


Figure 67. Platform assembly—exploded view (M274A2).

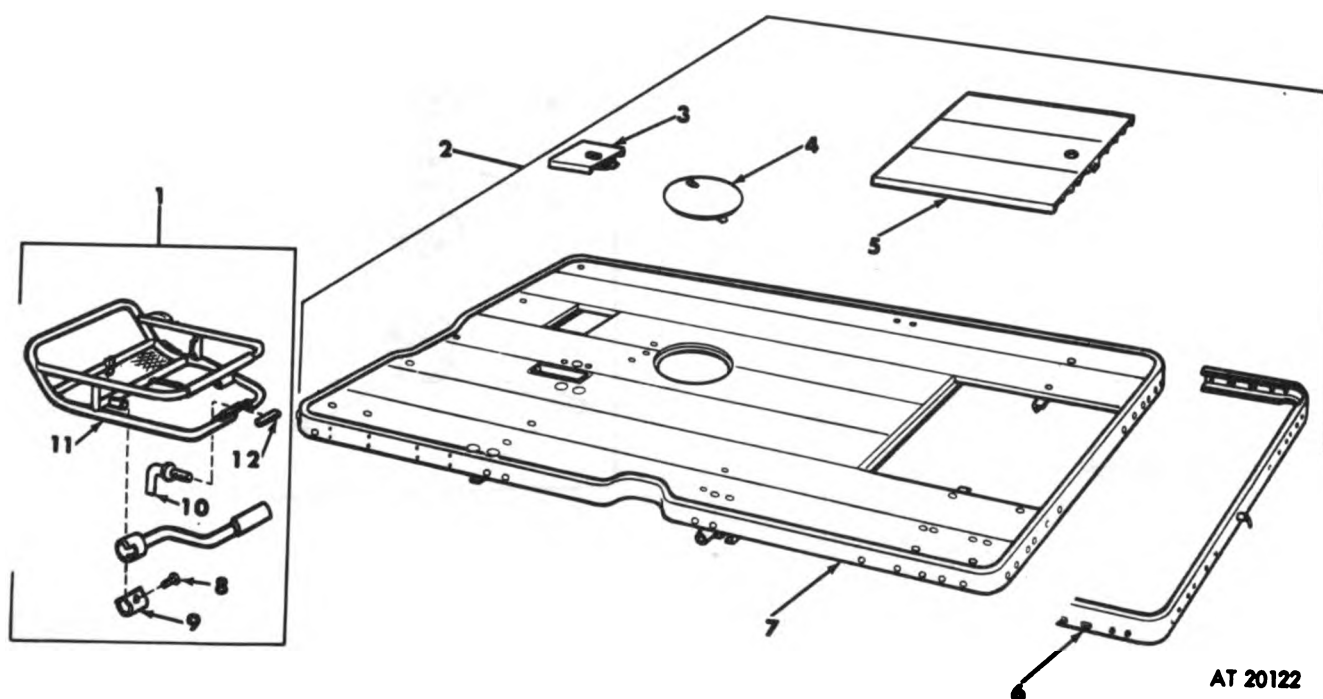


Figure 68. Platform assembly—exploded view (M274A3).

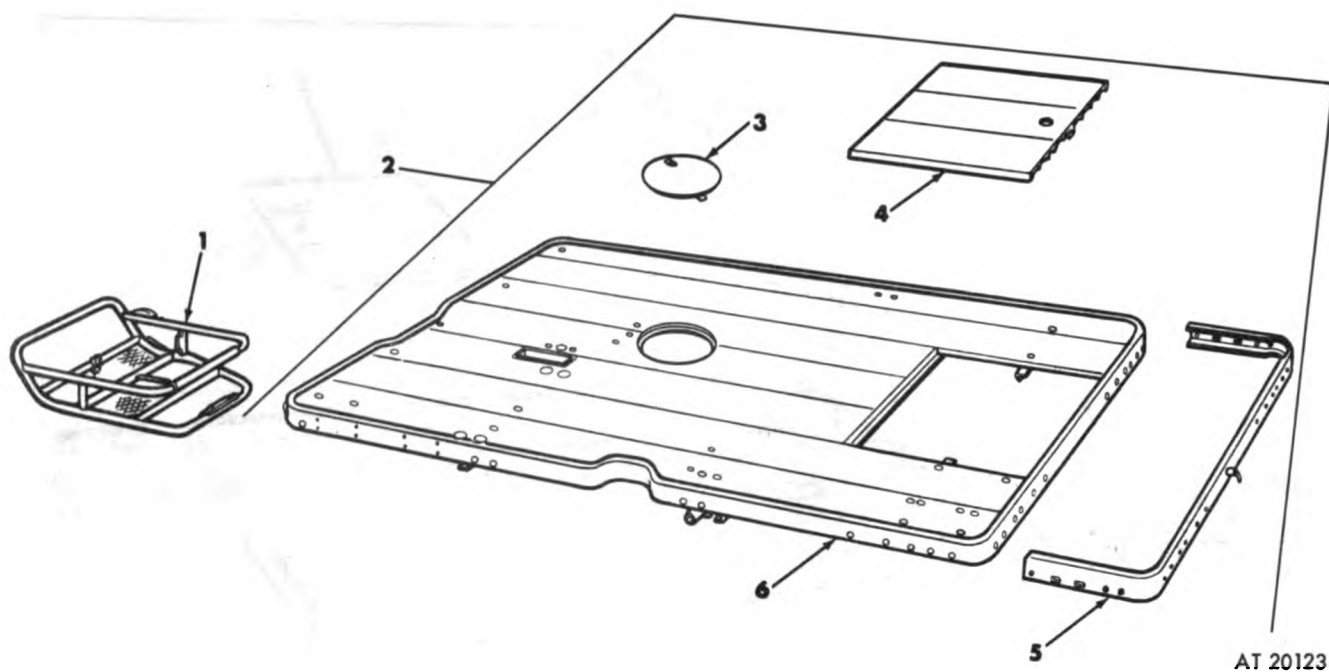
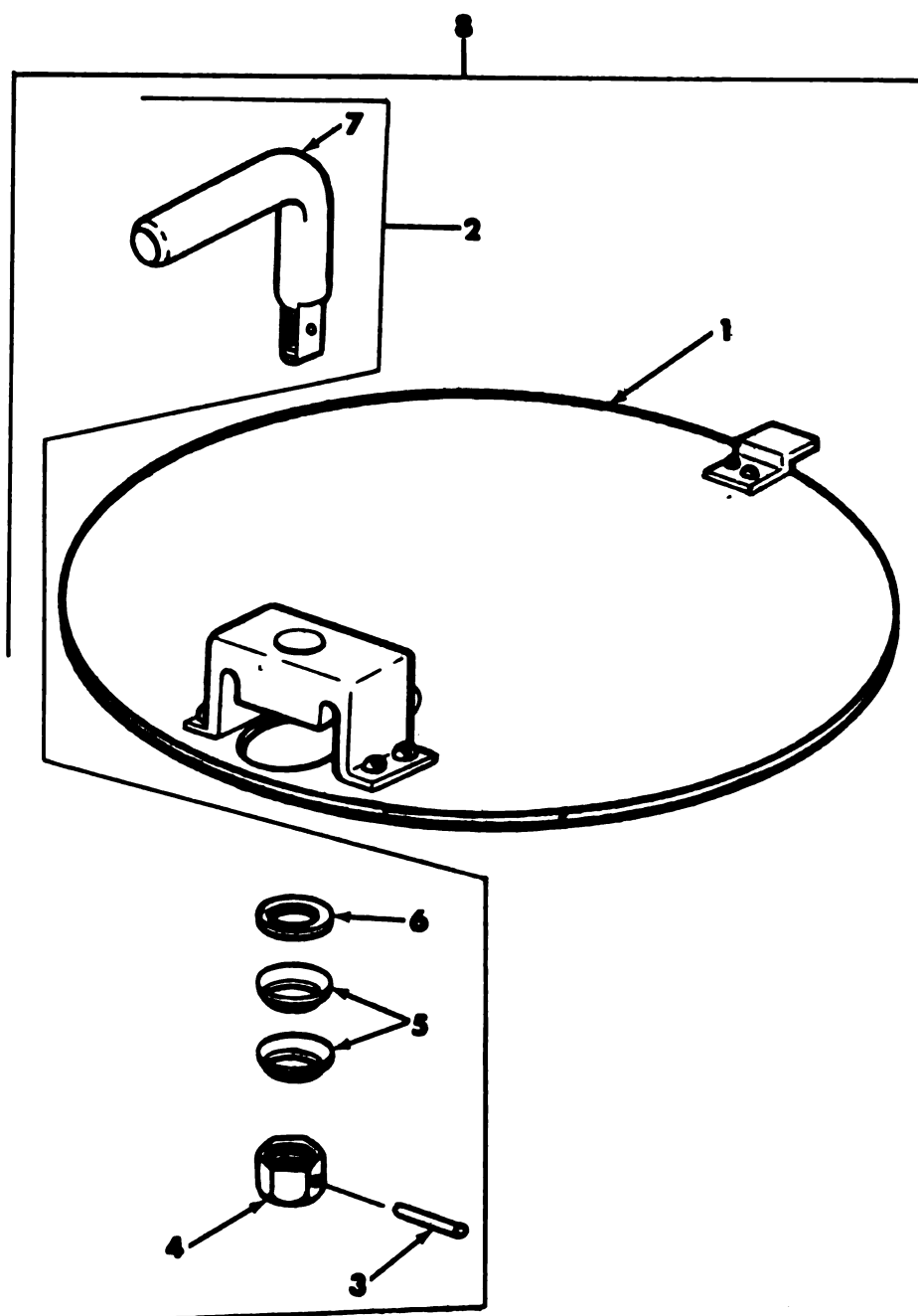
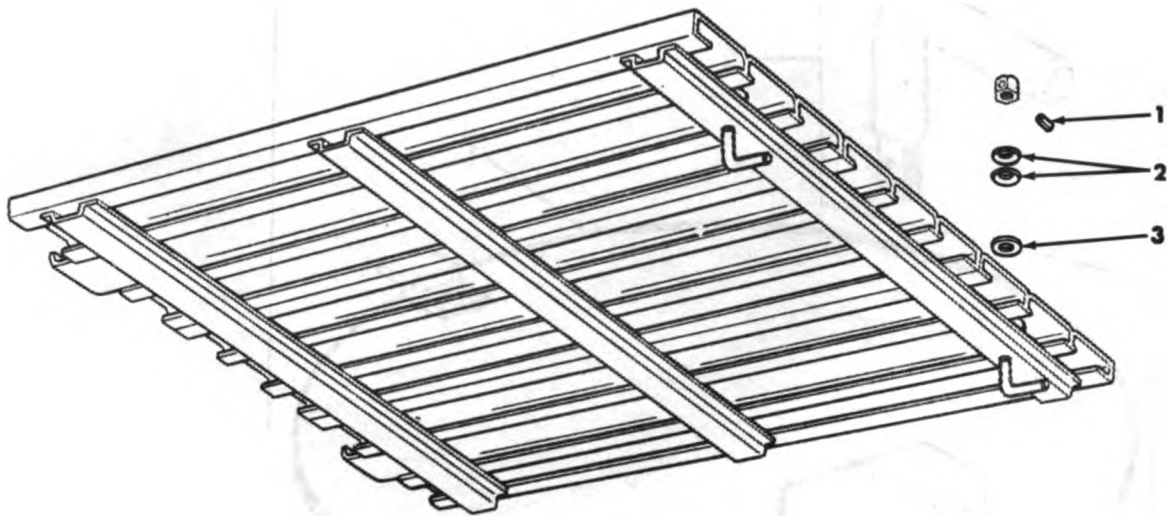
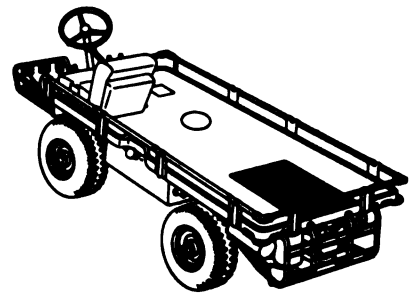


Figure 69. Platform assembly—exploded view (M274A5).



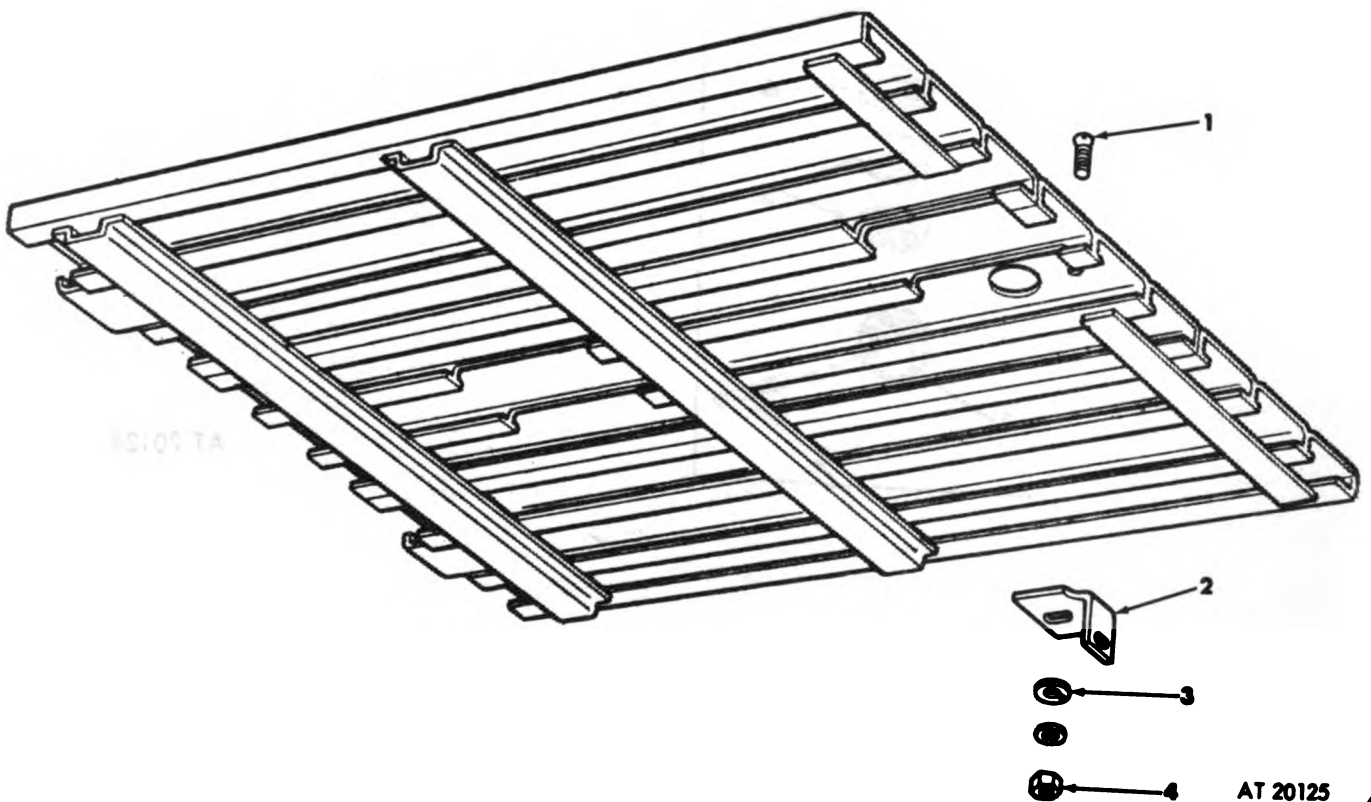
AT 20124

Figure 70. Gun mount opening access cover plate assembly—exploded view (M274A3).



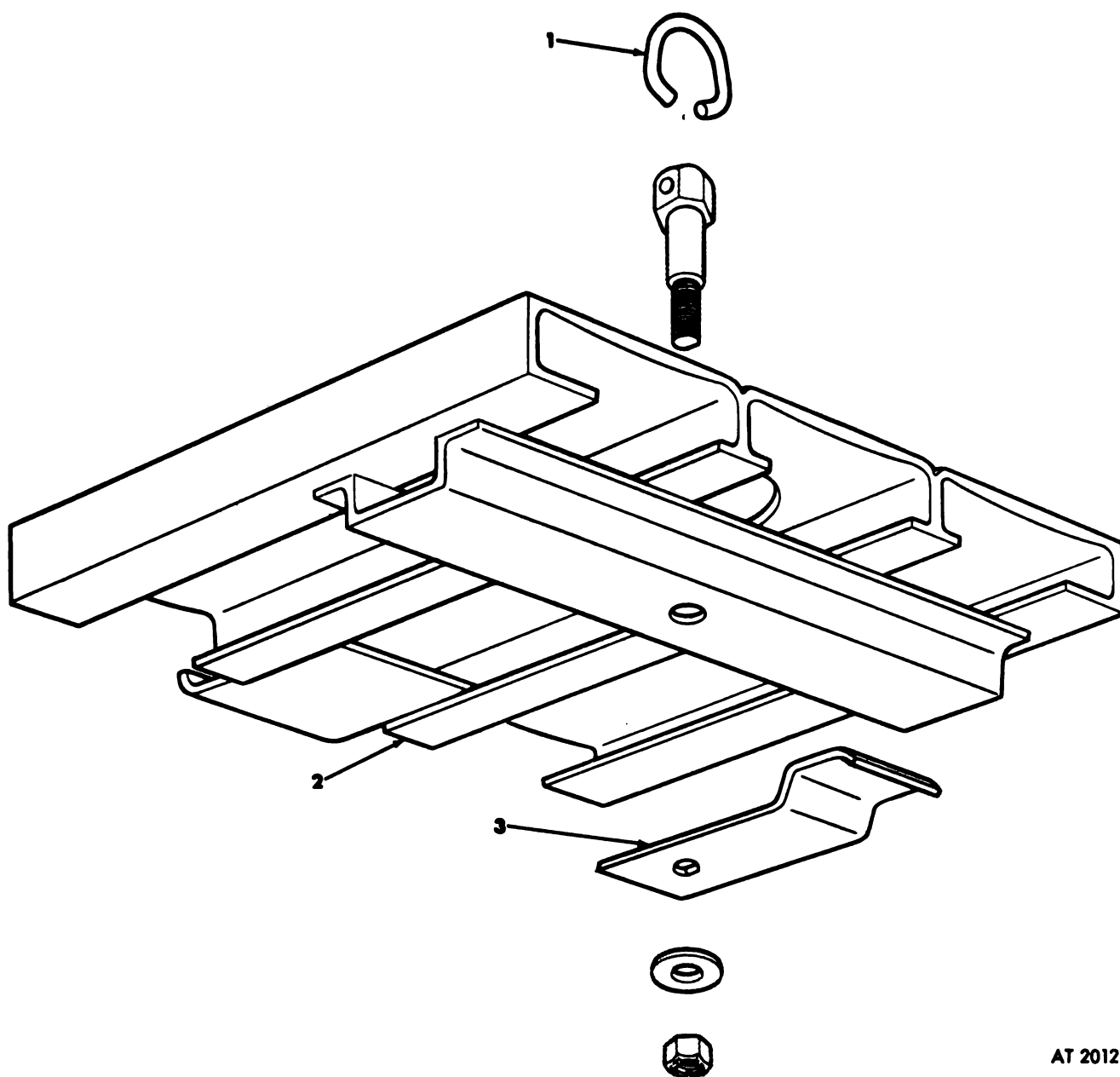
AT 20126

Figure 71. Engine access lid bracket assembly—exploded view (M274A5).



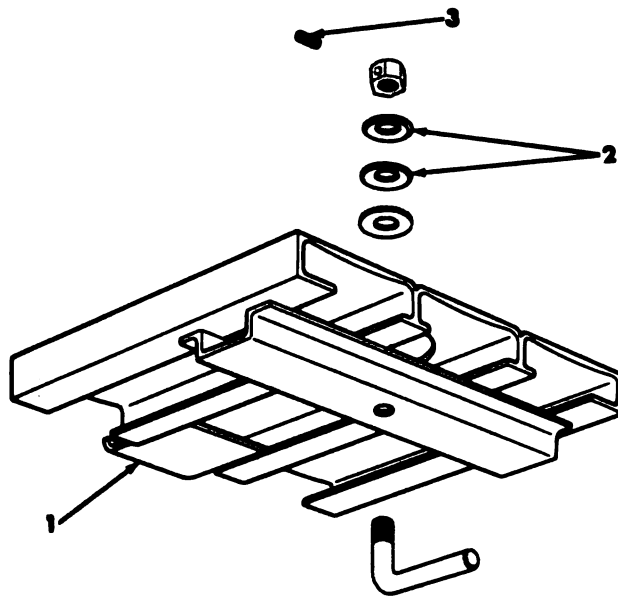
AT 20125

Figure 72. Engine access lid assembly—exploded view (M274A3).



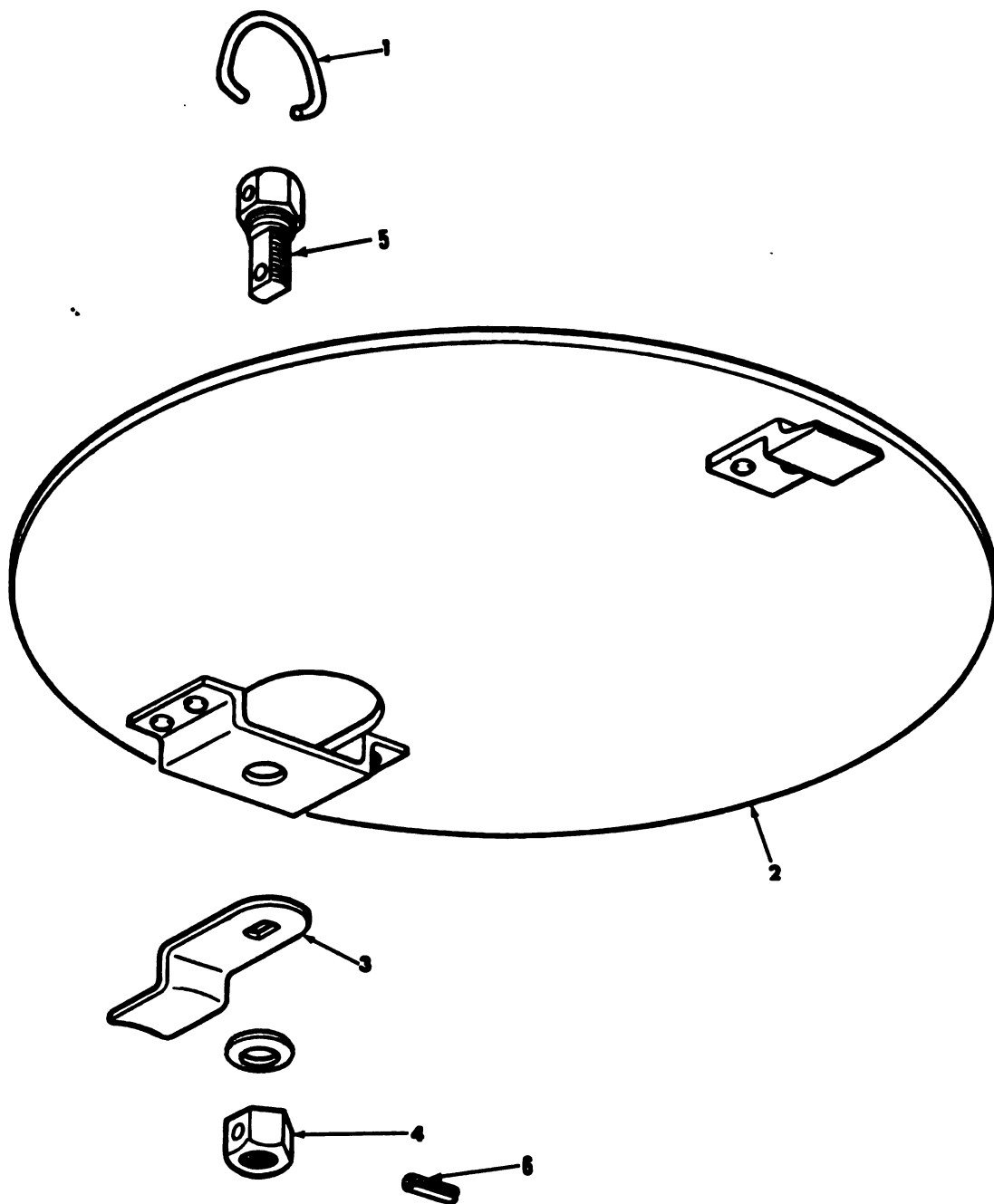
AT 20127

Figure 73. Steering access lid assembly—exploded view (M274A2, M274A4).



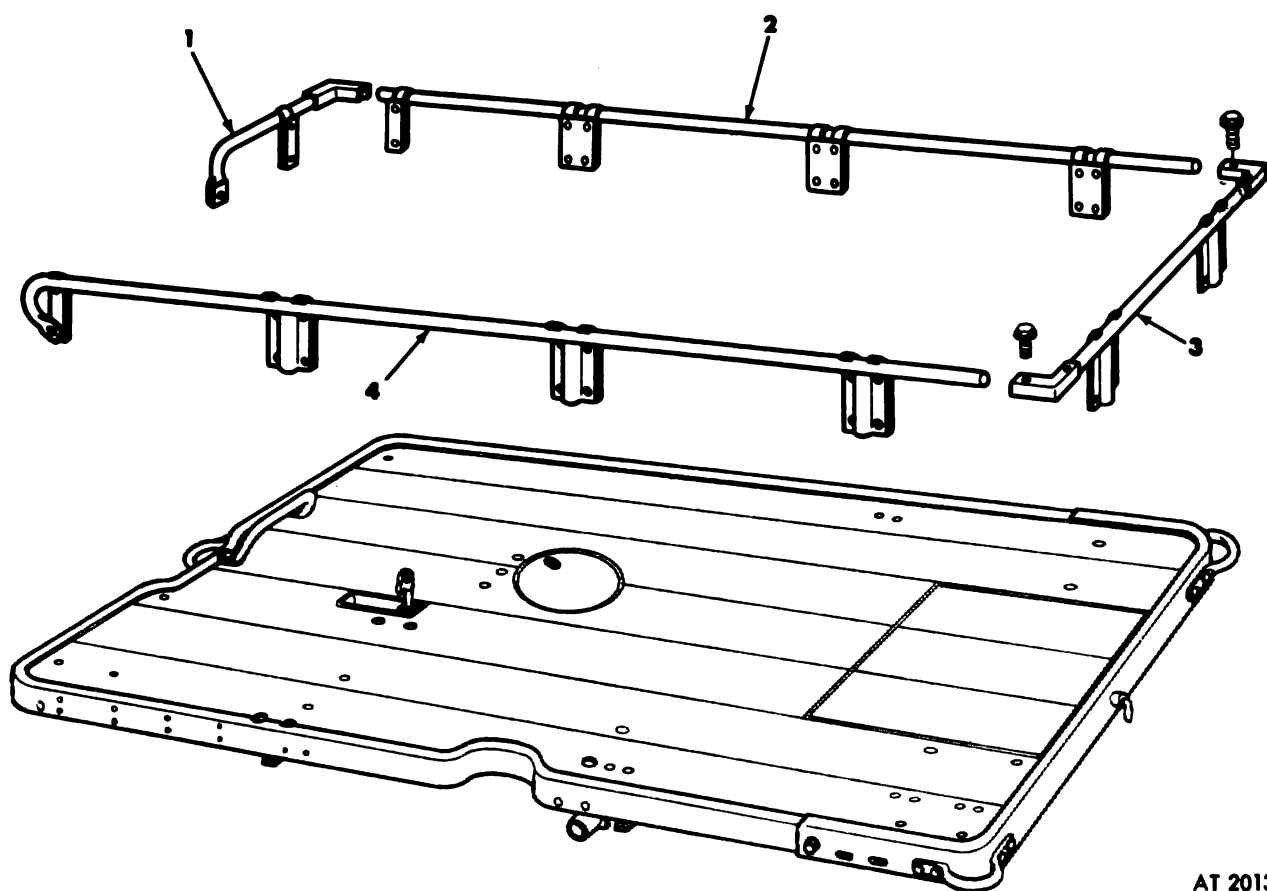
AT 20128

Figure 74. Steering access lid assembly—exploded view (M274A3).



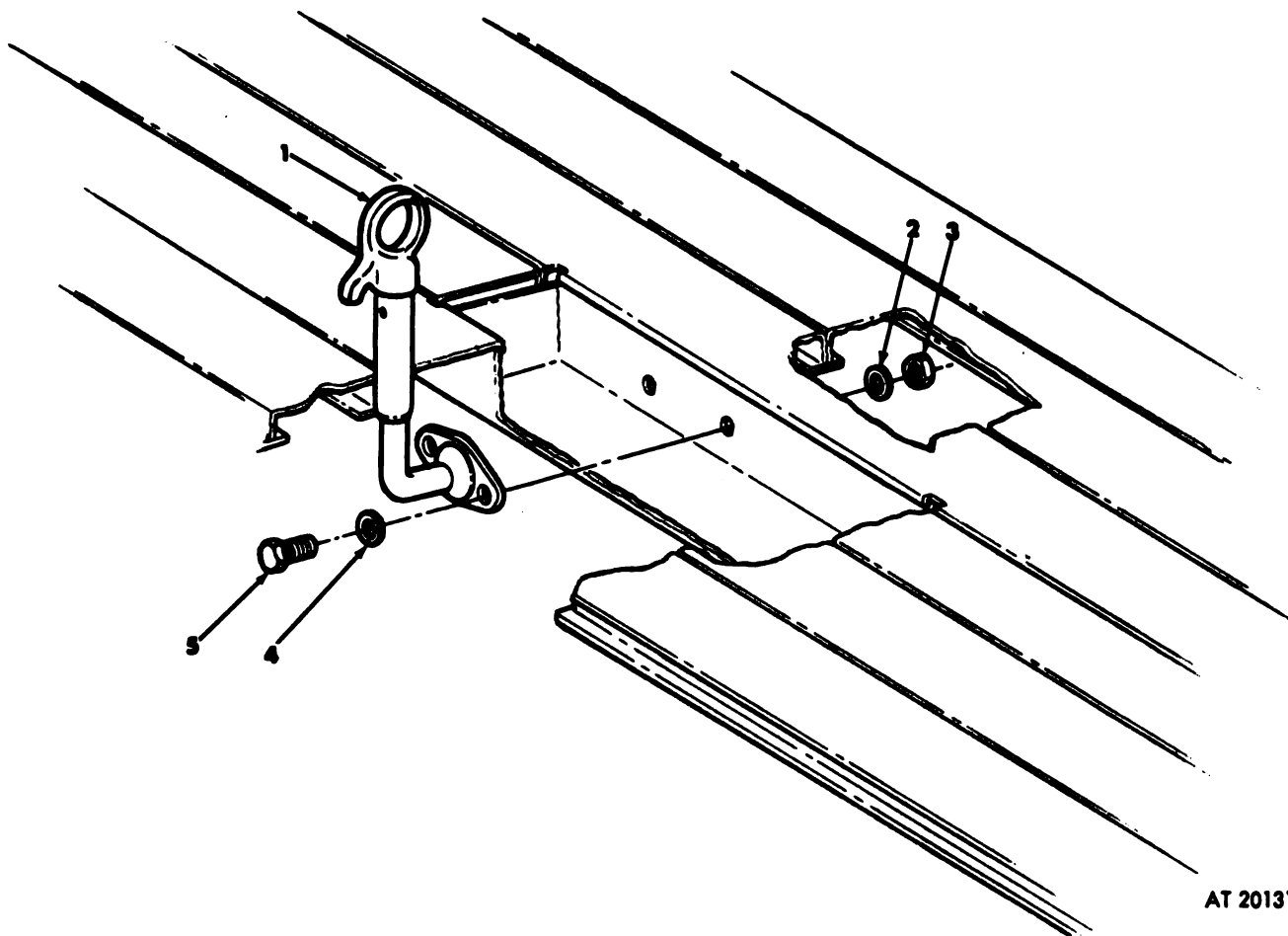
AT 20129

Figure 75. Gun mount opening access cover plate assembly—exploded view (M274A5).



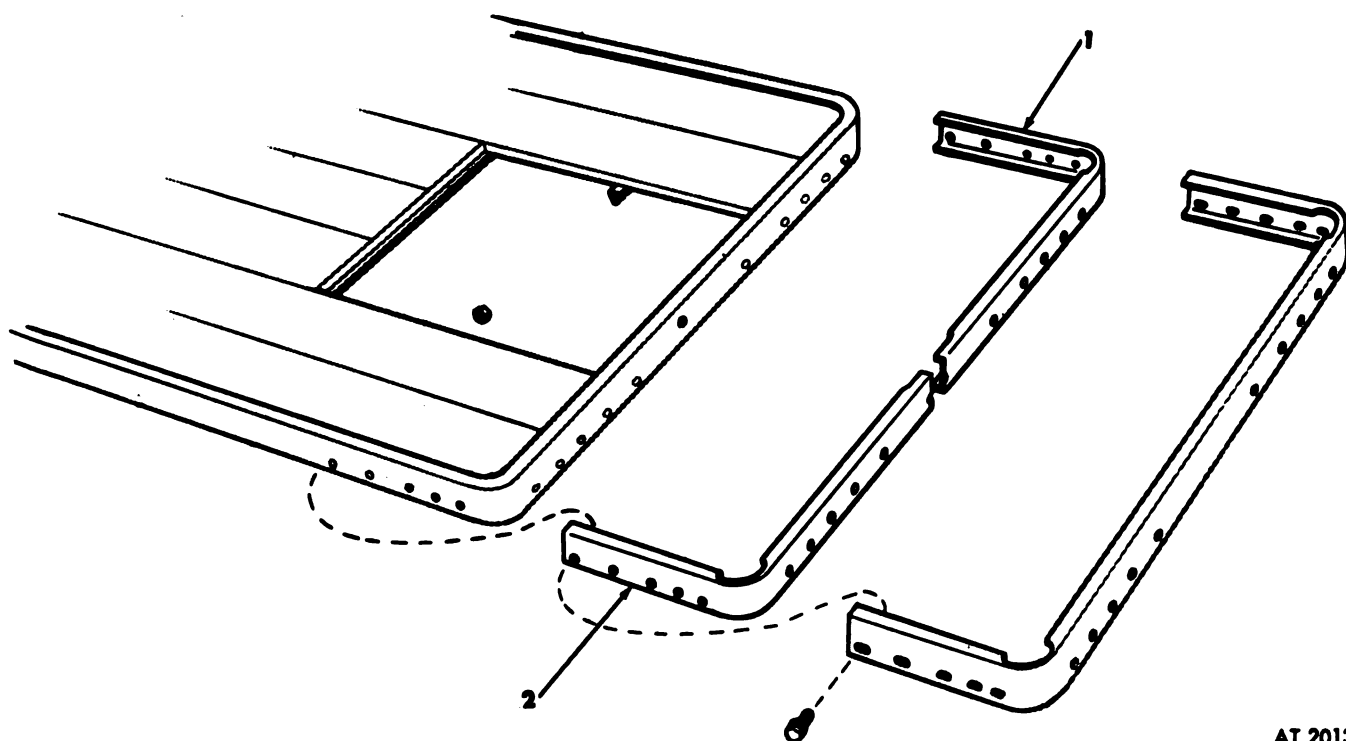
AT 20130

Figure 76. Platform handrail assembly—exploded view.



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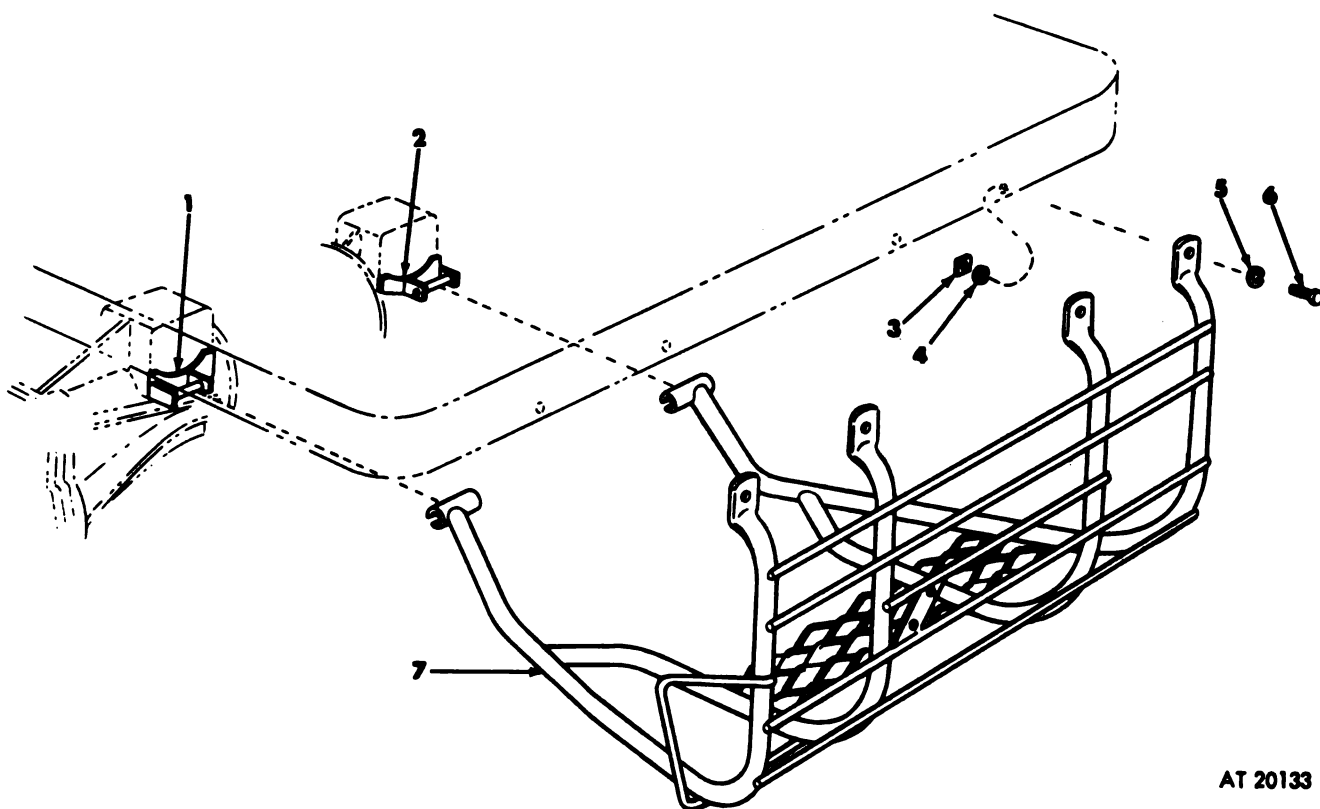
Figure 77. Driver's seat fastener assembly—exploded view.



AT 20132

Figure 78. Platform channel shims—exploded view.

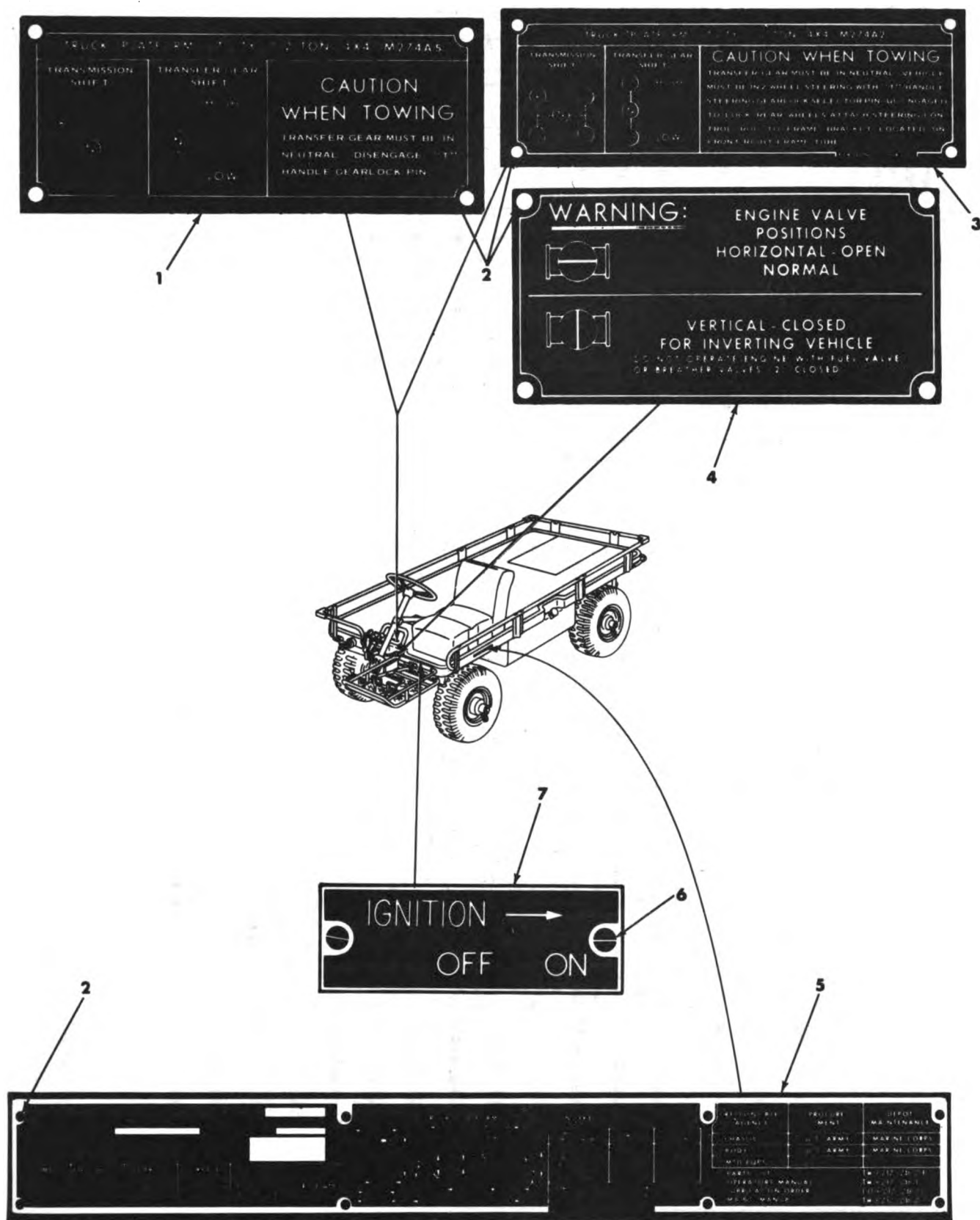
Repair parts for direct and general support																
(1) Source, maint. and recov. code			(2) Federal stock No.	(3) Description	(4) Unit of meas	(5) Qty inc in unit pack	(6) 30-day DS maint allowance			(8) 30-day GS maint allowance			(9) 1-yr. alw. per 100 equip. entgry. planning	(10)	(11) Illustration	
(a) Source	(b) Maint.	(c) Recov.					(a) 1-20	(b) 21-50	(c) 51-100	(a) 1-20	(b) 21-50	(c) 51-100			(a) Figure item No.	(b) or sym. No.
				GROUP 21—BUMPERS, GUARDS, AND MARINE FENDERS 2101—BUMPERS, BRACKETS, GUARDS, AND PROTECTING DEVICES BRACKET ASSY: engine guard, right hand 10948254 (19207) (M274A2, M274A4, M274A5) BRACKET ASSY: engine guard, left hand 10948256 (19207) (M274A2, M274A4, M274A5) GUARD, ENGINE ASSY: 8687002 (19207) (M274A3) GUARD, ENGINE ASSY: 10948262 (19207) (M274A4) GUARD, ENGINE ASSY: 10945104 (19207) (M274A2, M274A5) NUT, PLAIN, SQUARE: engine guard 7341329 (19207) SCREW: engine guard MS90726-60 (96906) WASHER, LOCK: engine guard MS35335-35 (96906) WASHER, LOCK: engine guard MS3537-27 (96906)	EA <											



AT 20133

Figure 79. Engine guard assembly—exploded view.

Repair parts for direct and general support															
(1) Source, maint. and recov. code			(2) Federal stock No.	(3) Description	(4) Unit of meas	(5) Qty inc in unit pack	(6) Qty inc in unit	(7) 30-day DS maint allowance			(8) 30-day GS maint allowance	(9) 1-yr. avr per 100 equip. category planning	(10) Illustration		
(a)	(b)	(c)						(a)	(b)	(c)			(a)	(b)	(c)
P	O			GROUP 22—BODY CHASSIS OR HULL, AND ACCESSORY ITEMS											
P	O			2210—DATA PLATES AND INSTRUCTION HOLDERS											
P	O		2590-565-5165	PLATE, INSTRUCTION: ignition 8687003 (19207)	EA		1	*	*	*	*	*	5	80	7
P	O		2590-947-7843	PLATE: warning 11591950 (19207)	EA		1	*	*	*	*	*	5	80	4
P	O		2590-930-6936	PLATE, INSTRUCTION: caution 11592143 (19207) (M274A5)	EA		1	*	*	*	*	*	5	80	1
P	O		2590-999-1289	PLATE, IDENTIFICATION: 10945110 (19207) (M274A2)	EA		1	*	*	*	*	*	5	80	5
P	O		2590-947-7848	PLATE, INSTRUCTION: 10945110-2 (19207) (M274A4)	EA		1	*	*	*	*	*	5	80	5
P	O		2590-947-7888	PLATE, INSTRUCTION: caution 10945111-1 (19207) (M274A3, M274A4)	EA		1	*	*	*	*	*	5	80	3
P	O		2590-941-7872	PLATE: instruction and caution 10945111-2 (19207) (M274A4)	EA		1	*	*	*	*	*	5	80	3
P	O		5320-930-1404	RIVET, BLIND: data plates MS20694-B4H2 (96906)	EA		1	*	2	2	*	2	12	80	2
P	O		5305-531-1118	SCREW, TAPPING, THREAD FORMING: MS24621-17 (96906)	EA		2	*	*	2	*	*	10	80	6

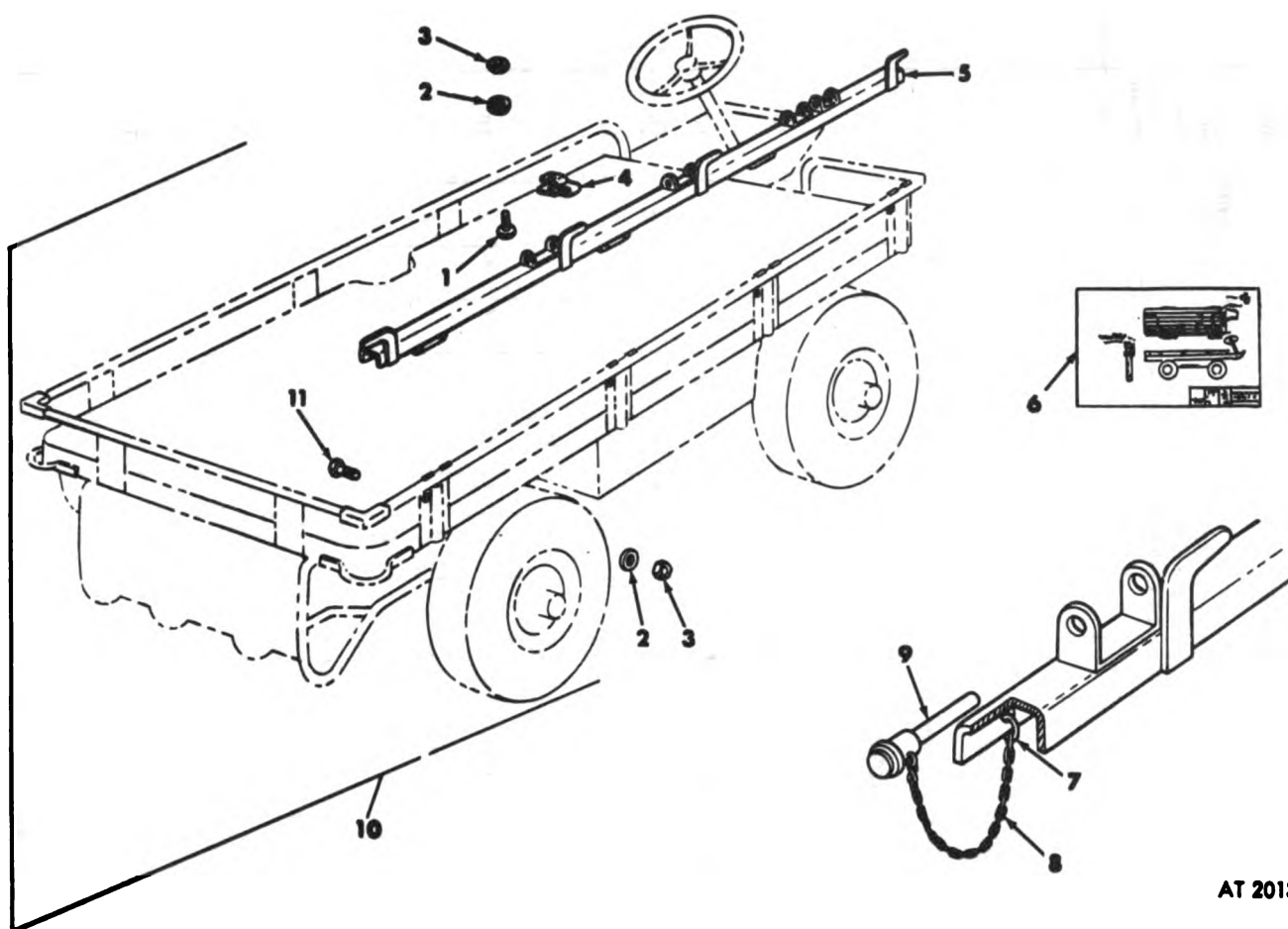


AT 20134

Figure 80. Instruction plates.

Repair parts for direct and general support

Repair parts for direct and general support															
(3) Source, maint. and repair, code		(5) Federal stock No.	(2) Description	(4) Unit of measure	(6) Qty. in pack	(7) 30-day DS maint. allowance			(8) 30-day GS maint. allowance			(9) 1-77. alt. per 100 equip. category planning	(10)	(11) Illustration (a) (b) Figure Item No. or sym. No.	
						(a) 1-20	(b) 21-40	(c) 41-100	(a) 1-20	(b) 21-40	(c) 41-100				
P	O	2540-000-4208	GROUP 33—SPECIAL PURPOSE KITS	EA	1										
P	O	4730-909-8027	3305—DEEPWATER FORDING KIT	EA	2										
P	O	5340-700-4460	DEEP WATER FORDING KIT 5702341 (19207) composed of:	EA	1										
P	O	5330-702-0606	CLAMP: air intake hose MS35842-13 (96906) part of kit 5702341	EA	1										
P	O	5330-702-0606	COUPLING, CLAMP, GROOVED: V band exhaust pipe 11621564 (19207) part of kit 5702341 (19207)	EA	1										
P	O	5330-702-0606	GASKET: MS 35769-15 (96906) part of kit 5702341 (19207)	EA	1										
P	O	5330-803-3833	GASKET: heat exchanger 9786E50-2 (97408) part of kit 5702341 (19207)	EA	2										
P	O	5330-100-5886	GASKET: muffler MS35769-35 (96906) part of kit 5702341	EA	1										
P	O	5310-827-8487	NUT: exhaust tube supporting clamp MS35426-16 (96906) part of kit 5702341 (19207)	EA	4										
P	O	5310-732-0846	NUT, FLAIN, HEXAGON: MS31968-1 (96906) part of kit 5702341 (19207)	EA	2										
P	O	5320-754-4501	RIVET SOLID: MS24662-7 (96906) part of kit 5702341 (19207)	EA	1										
P	O	5305-269-2308	SCREW, CAP, HEXAGON: MS90726-60 (96906) part of kit 5702341	EA	1										
P	O	5305-269-2306	SCREW, CAP, HEXAGON: MS90726-63 (96906) part of kit 5702341 (19207)	EA	1										
P	O	5305-068-0515	SCREW, CAP, HEXAGON: MS90727-3 (96906) part of kit 5702341 (19207)	EA	2										
P	O	2990-017-3682	SEAL: bypass tube 10919452 (19207) part of kit 5702341 (19207)	EA	1										
P	O	5310-060-8004	WASHER, FLAT: MS27183-14 (96906) part of kit 5702341 (19207)	EA	2										
P	O	5310-637-9541	WASHER, LOCK: MS35338-46 (96906) part of kit 5702341 (19207)	EA	4										
P	O	5310-582-5565	WASHER, LOCK: MS35338-44 (96906) part of kit 5702341 (19207)	EA	2										



AT 20136

Figure 81. Litter kit—exploded view.

Repair parts for direct and general support																	
(1)			(2)	(3)	(4)	(5)	(6)	(7)			(8)			(9)	(10)	(11)	
Source	(a)	(b)						DS maint allowance	GS maint allowance	1-yr. alw. per 100 equip. cntgty. planning	(a)	(b)	(c)			(a)	(b)
GROUP 34—ARMAMENT FIRE CONTROL																	
REPAIR PARTS AND KITS																	
3401—ARMAMENT																	
P	O	2540-630-6804	ARMAMENT KIT 5702376 (19207) composed of:	EA	1											82	7
X1	O		BLOCK SUPPORT: to support rifle mounting	EA	4												
P	O	5306-225-8497	7045615 (19207)	EA	4												
X1	O		BOLT, MACHINE: to attach footrest stowage bracket hangers MS90725-32 (96906)	EA	1												
X1	O		COVER ASSY: rifle mount opening 7045600 (19207) (see fig. 84 for details)	EA	2												
X1	O		HANGER ASSY: footrest bracket 7045606 (19207)	EA	2												
X1	O		NUT, MACHINE SCREW HEX: to attach rifle cleaning rod retainer 120614 (21450)	EA	2												
P	O	5310-880-7745	NUT, PLAIN HEX: to attach rifle mount support MS51968-11 (96906)	EA	8												
P	O	5310-012-0376	NUT, PLAIN, HEX: to attach footrest stowage bracket hangers MS35690-505 (96906)	EA	4												
X1	O		PLATE, COVER, LATCH: for rifle mount opening 7045605 (19207)	EA	1												
X1	O		RETAINER, FRONT: rifle cleaning rod 7045582 (19207)	EA	1												
P	O	5320-957-2507	RIVET BLIND: to attach plate to rifle mount opening cover latch MS20604D6WA (96906)	EA	2												
P	O	5305-622-1509	SCREW, MACHINE: to attach rifle rod cleaning retainer MS35224-63 (96906)	EA	2												
X1	O		SHIM, RETAINER: rifle cleaning rod retainer 7045584 (19207)	EA	1												
X1	O		SUPPORT ASSY: rifle mount 7045609 (19207)	EA	1												
X1	O		U-BOLT: to attach rifle mount support 7045616 (19207)	EA	4												
P	O	5310-081-4219	WASHER, FLAT: to attach footrest stowage bracket hangers MS27183-12 (96906)	EA	4												
P	O	5310-045-3296	WASHER, LOCK: to attach rifle cleaning rod retainer MS35338-43 (96906)	EA	2												
P	O	5310-407-9566	WASHER, LOCK: to attach bracket hangers MS35338-45 (96906)	EA	4												
X1	O	5310-209-0965	WASHER LOCK: to attach rifle mount support MS35338-47 (96906)	EA	8												
X2	O		COVER ASSY: for rifle mount opening 7045600 (19207)	EA	1												

P	O	2510-725-5226	Consists of: COVER PLATE: for rifle mount opening 7045601 (19207)	EA	1								33	6
X2	O	2510-697-3987	opening cover latch 7966721 (19207)	EA	1								33	5
P	O		LATCH: cover 7045603 (19207)	EA	1								33	3
P	O	5315-678-4786	NUT, HEX, SPECIAL: to attach rifle mount opening cover latch 7966721 (19207)	EA	1	*							83	7
P	O	5315-682-2021	PIN, SPECIAL: hex head, to attach rifle mount opening cover latch 7045604 (19207)	EA	1	*							83	2
P	O	5310-550-1459	PIN, SPRING: to attach rifle mount open- ing cover latch MS9048-069 (96906)	EA	1	*							83	4
P	O	5306-225-8498	WASHER, SPRING: to attach rifle mount opening cover latch 8329984 (19207)	EA	1	*							83	2
			BOLT, MACHINE: to attach rifle tripod inboard and outboard stowage brackets MS90725-33 (96906)	EA	4	*							84	
X1	O		BRACKET, CENTER: 7045619 (19207)	EA	1								84	5
X1	O		BRACKET: inboard rifle tripod stowage 7045618 (19207)	EA	1								84	1
X1	O		BRACKET: outboard rifle tripod stowage 7045617 (19207)	EA	1	*							84	8
P	O	3540-653-7275	LOOP: to attach rifle cleaning rod stowage strap 7697591 (19207)	EA	4	*							84	14
P	O	5310-012-0376	NUT, PLAIN, HEX: to attach footrest stowage MS5690-505 (96906)	EA	6	*							84	10
P	O		NUT: to attach rifle cleaning rod and rifle tripod stowage strap assy 120614 (21450)	EA	8	*							84	13
P	O	5305-958-5253	SCREW, MACHINE: to attach rifle tripod center stowage bracket MS35192-86 (96906)	EA	2	*							84	4
P	O	5305-543-5990	SCREW, MACHINE: to attach rifle cleaning rod and rifle tripod stowage strap assy MS35240-73 (96906)	EA	8	*							84	18
P	O	2590-679-3165	SHIM: 8336091 (19207)	EA	4	*							84	3
X1	O		SHIM: 7045620 (19207)	EA	1								84	6
X1	O		STRAP, BUCKLE-HALF: rifle cleaning rod STRAP, TIP-HALF: rifle cleaning rod stowage stowage 7045587 (19207)	EA	2								84	15
X1	O		7045586 (19207)	EA	1								84	16
X1	O		STRAP: end, tip-half, rifle tripod stowage 7045585 (19207)	EA	1								84	17
P	O	5310-081-4219	WASHER, FLAT: to attach footrest stowage brackets MS27183-12 (96906)	EA	10	*							84	7
P	O	5310-045-3296	WASHER, LOCK: to attach rifle cleaning rod and rifle tripod stowage strap assy MS35338-43 (96906)	EA	8	*							84	12
P	O	5310-407-9566	WASHER, LOCK: to attach rifle tripod center stowage bracket MS35338-45 (96906)	EA	2	*							84	9

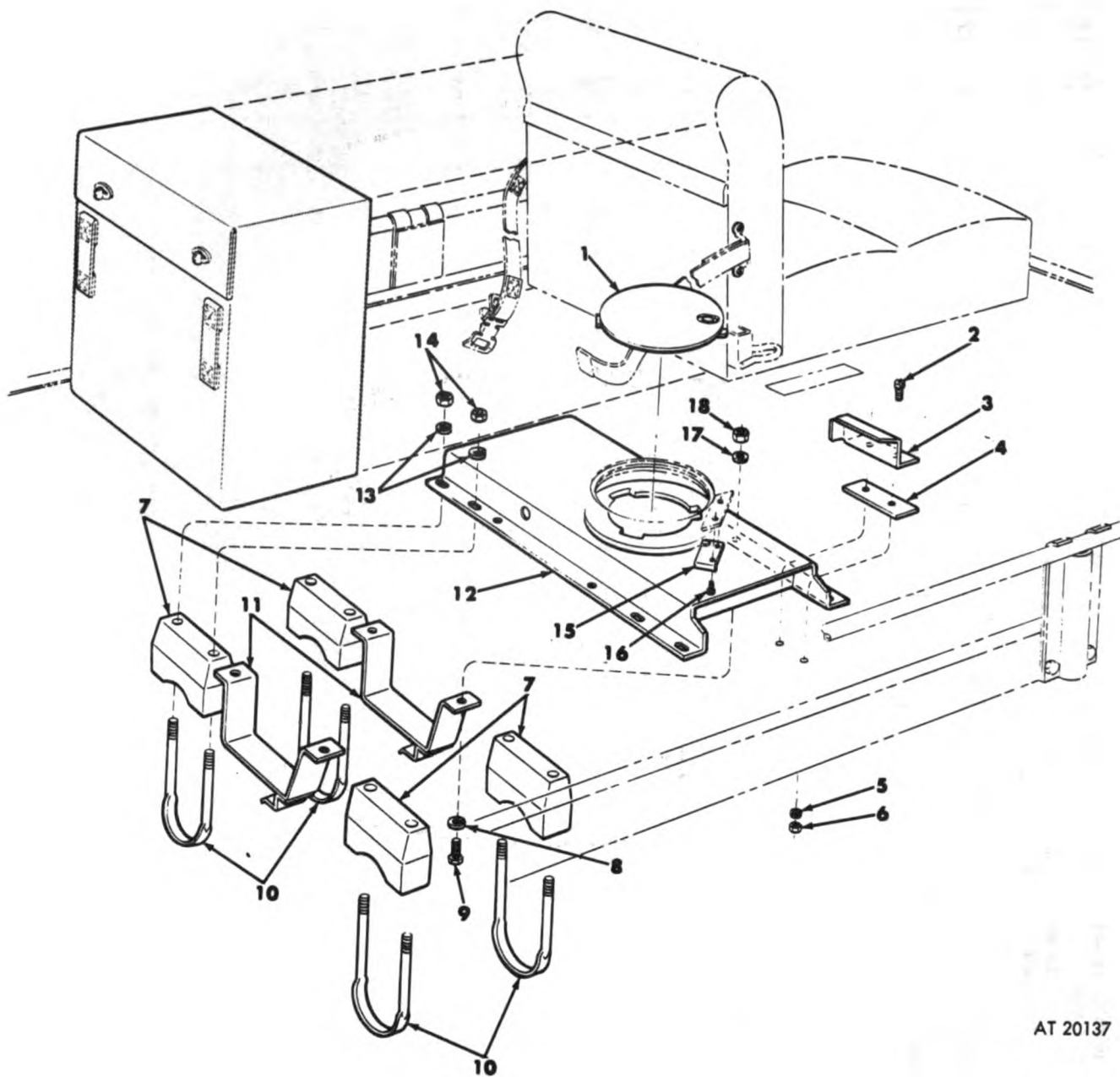
Repair parts for direct and general support

(1) Source, maint. and recov. code		(2) Federal stock No.	(3) Description	(4) Unit of meas	(5) Qty inc in unit pack	(6) Qty inc in unit pack			(7) 30-day DS maint allowance			(8) 30-day GS maint allowance			(9) 1-yr. alw. per 100 equip. cntgcy. planning	(10)	(11) Illustration	
(a) Source	(b) maint.					(a) 1-20	(b) 21-50	(c) 51-100	(a) 1-20	(b) 21-50	(c) 51-100	(a) 1-20	(b) 21-50	(c) 51-100			(a) Figure No.	(b) Item or sym. No.
X1	O		3401—ARMAMENT—Continued WASHER, SPECIAL: to attach rifle cleaning rod and rifle tripod stowage straps. 7058902 (19207)	EA	8												84	11
X1	O		BRACKET, LEFT: ammunition stowage 7045577 (19207)	EA	2												85	1
X1	O		BRACKET, RIGHT: ammunition stowage 7045578 (19207)	EA	2												85	7
X1	O		LOOP: attaching ammunition stowage 7058899 (19207)	EA	8												85	6
P	O		NUT, MACHINE SCREW: hex, attaching ammunition stowage strip assy and rear retainer 120614 (21450)	EA	18												85	9
P	O	5310-732-0559	NUT, PLAIN, HEX: attaching ammunition stowage brackets MS51968-8 (96906)	EA	8	*	*	2	*	*	*	*	*	2	10		85	10
X1	O		RETAINER: rifle cleaning rod 7045583 (19207)	EA	1												85	15
P	O	5305-269-2801	SCREW, CAP, HEXAGON HEAD: attaching ammunition stowage bracket MS90726-58 (96906)	EA	6	*	*	2	*	*	*	*	*	2	10		85	17
P	O	5305-269-2813	SCREW, CAP, HEXAGON HEAD: attaching ammunition stowage bracket MS90726-69 (96906)	EA	2	*	*	2	*	*	*	*	*	2	10		85	13
P	O	5305-543-5590	SCREW, MACHINE: slotted flat countersunk head, attaching ammunition stowage strap assy MS35240-73 (96906)	EA	16	*	*	2	*	*	*	*	*	2	10		85	5
P	O	5305-622-1509	SCREW, MACHINE: attaching rifle cleaning rod retainer MS35224-63 (96906)	EA	2	*	*	2	*	*	*	*	*	2	10		85	16
X1	O		SHIM ALUMINUM ammunition stowage brackets 7045579 (19207)	EA	8												85	2
X1	O		SHIM ALUMINUM: rifle cleaning rod retainer 7045584 (19207)	EA	1												85	14
X1	O		STRAP, ASSY: ammunition stowage 7045580 (19207)	EA	4												85	4
X1	O		STRAP ASSY: ammunition stowage 7045581 (19207)	EA	4												85	3
P	O	5310-045-3296	WASHER, LOCK: to attach ammunition stowage strap assy and rear retainer MS35338-43 (96906)	EA	18	*	*	2	*	*	*	*	*	2	10		85	8
P	O	5310-637-9541	WASHER, LOCK: to attach ammunition stowage brackets MS35338-46 (96906)	EA	8	*	*	2	*	*	*	*	*	2	10		85	11

Repair parts for direct and general support

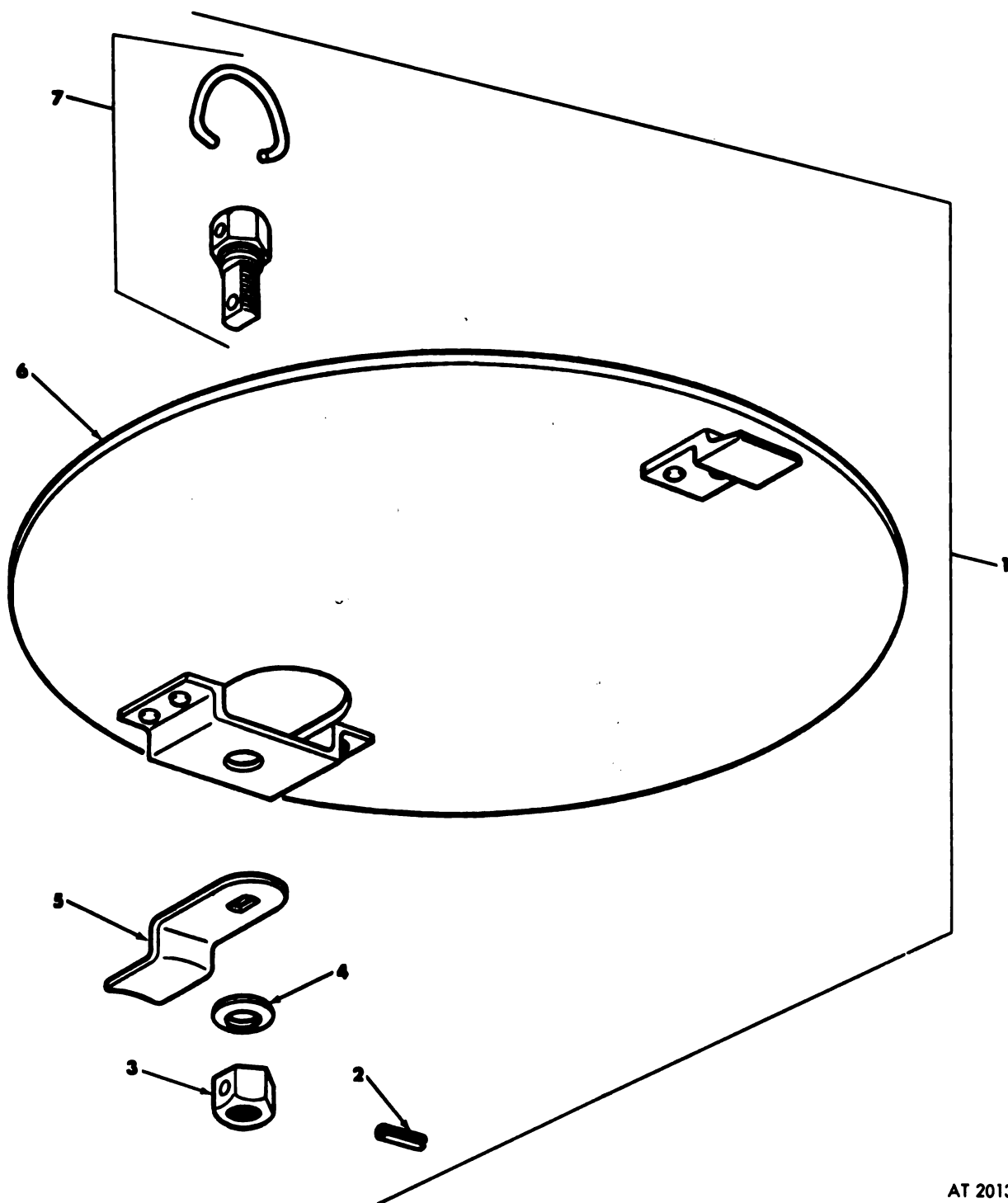
(1) Source, maint. and recov. code			(2) Federal stock No.	(3) Description	(4) Unit of meas	(5) Qty inc in unit pack	(6) Qty inc in unit			(7) 30-day DS maint allowance			(8) 30-day GS maint allowance			(9) 1-yr. alw. per 100 equip. cntgty. planning	(10)	(11) Illustration (a) Figure Item No. or sym No.
(a) Source	(b) maint.	(c) recov.								(a) 1-20	(b) 21-50	(c) 51-100	(a) 1-20	(b) 21-50	(c) 51-100			
P	O		5305-253-4762	3401—ARMAMENT—Continued SCREW, SET: hex, to attach hoop handle, rifle travel lock MS51018-49 (96906)	EA	1	1	*	*	*	*	2	*	*	2	10		86 35
X1	O			STRAP ASSY: rifle travel lock stowage 11592016 (19207)	EA	1	1	*	*	*	*	2	*	*	2			86 26
P	O		5310-044-6477	SUPPORT ASSY: weldment 8403348 (19207)	EA	1	1	*	*	*	*	2	*	*	2	10		86 10
P	O			WASHER FLAT: to attach rifle travel lock base 446477 (21450)	EA	4	4	*	*	*	*	2	*	*	2	10		86 15
P	O		5310-080-6004	WASHER, FLAT: to attach rifle travel lock pivot, lower right arm MS27183-14 (96906)	EA	5	5	*	*	*	*	2	*	*	2	10		86 18
P	O		5310-044-6212	WASHER, FLAT: to attach lock hoop MS27183-14 (96906)	EA	1	1	*	*	*	*	2	*	*	2	10		86 30
X1	O		5310-012-1458	WASHER, FLAT: to attach rifle travel lock MS27183-18 (96906)	EA	1	1	*	*	*	*	2	*	*	2	10		86 8
P	O		5310-044-6212	WASHER FLAT: to attach pivot pin MS2183-14 (96906)	EA	1	1	*	*	*	*	2	*	*	2	10		86 13
P	O		5310-045-3296	WASHER, LOCK: to attach rifle travel lock stowage strap assy MS35338-43 (96906)	EA	2	2	*	*	*	*	2	*	*	2	10		86 24
P	O		5310-013-8542	WASHER, LOCK: to attach clamp hook, rifle travel lock MS35333-25 (96906)	EA	2	2	*	*	*	*	2	*	*	2	10		86 3
P	O		5310-637-9541	WASHER, LOCK: to attach rifle travel lock pivot, lower right arm MS35338-46 (96906)	EA	1	1	*	*	*	*	2	*	*	2	10		86 20
X1	O			BOX ASSY: tool and instrument stowage 7045588 (19207)	EA	1	1											87 11
P	O		5306-225-8507	BOLT, MACHINE: to attach tool and instru- ment box MS90725-43 (96906)	EA	6	6	*	*	*	*	2	*	*	*	10		87 1
P	O		2510-737-5169	HANDLE, CATCH: secures lid to tool box 7375169 (19207)	EA	2	2	*	*	*	*	2	*	*	2	10		87 3
P	O		2540-110-5818	LID ASSY: tool and instrument box 7045594 (19207)	EA	1	1	*	*	*	*	2	*	*	2	10		87 4
X1	O			LID ASSY: tool and instrument box stowage 7045595 (19207)	EA	1	1											87 8
P	O		5310-880-7744	NUT, PLAIN, HEX: to attach tool and instrument box MS51967-5 (96906)	EA	6	6	*	*	*	*	2	*	*	2	10		87 12
P	O			PIN, HINGE: to attach tool and instrument stowage box lid 7375166 (19207)	EA	2	2											87 10
P	O			RING, LID: to attach tool and instrument stowage box catch handles 8730519 (19207)	EA	2	2											87 6
P	O			SEAL, LID: 7045597 (19207)	EA	2	2											87 7
P	O			SEAL, LID: 7045598 (19207)	EA	2	2											87 9

X1	O	TUBE: spacer, to attach tool and instrument box 7045599 (19207)	EA	6	*	*	2	*	2	10	87	14
P	O	5310-081-4219 WASHER, FLAT: to attach tool and instrument box and lid catch handles MS27183-12 (96906)	EA	16	*	*	2	*	*	2	87	2
P	O	5310-407-9566 WASHER, LOCK: to attach tool and instrument box MS35338-45 (96906)	EA	6	*	*	2	*	*	2	87	13
P	O	5310-550-1459 WASHER, SPRING: to attach lid catch handle 8329984 (19207)	EA	2	*	*	2	*	*	2	87	5



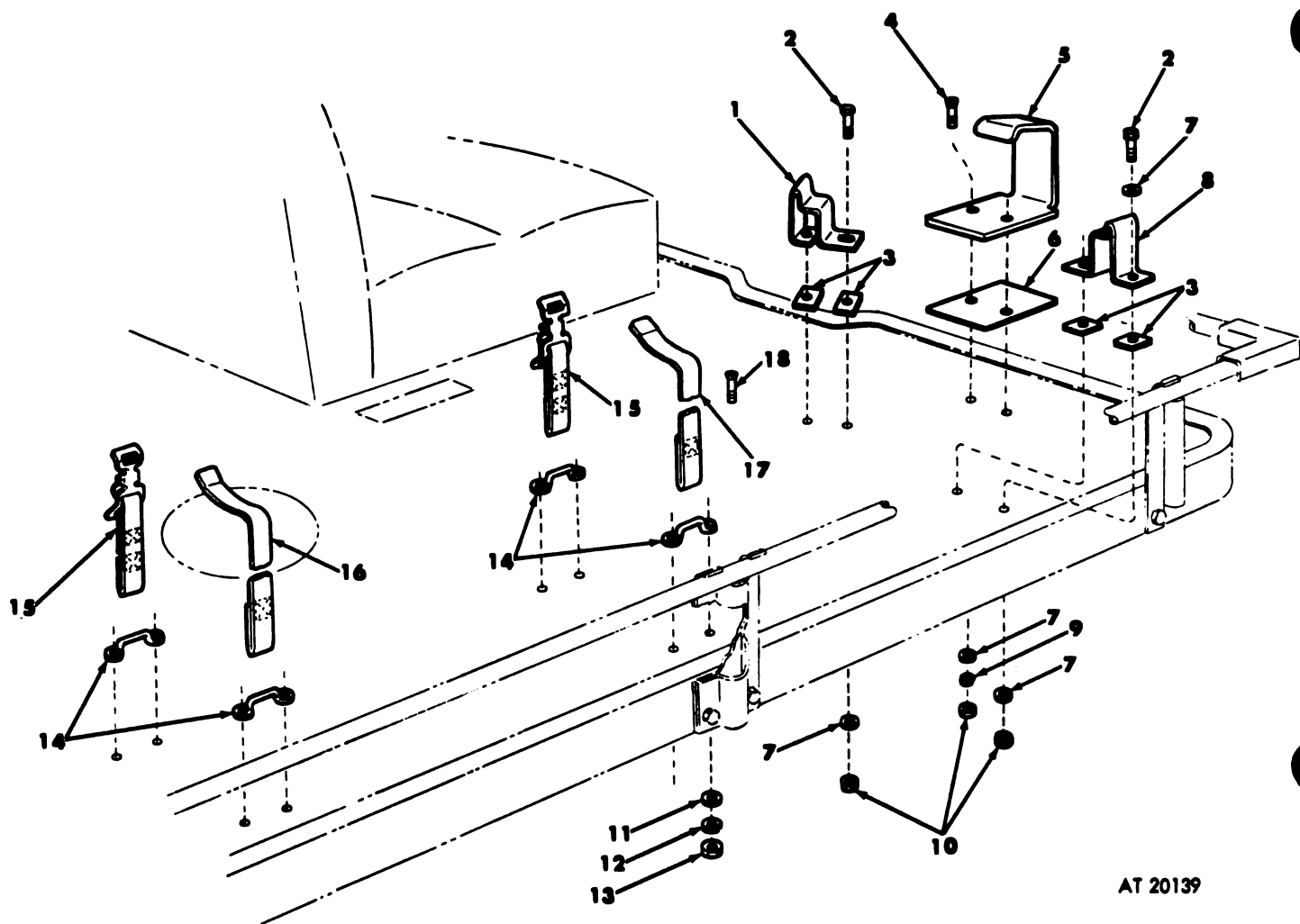
AT 20137

Figure 82. Rifle mount kit—exploded view.



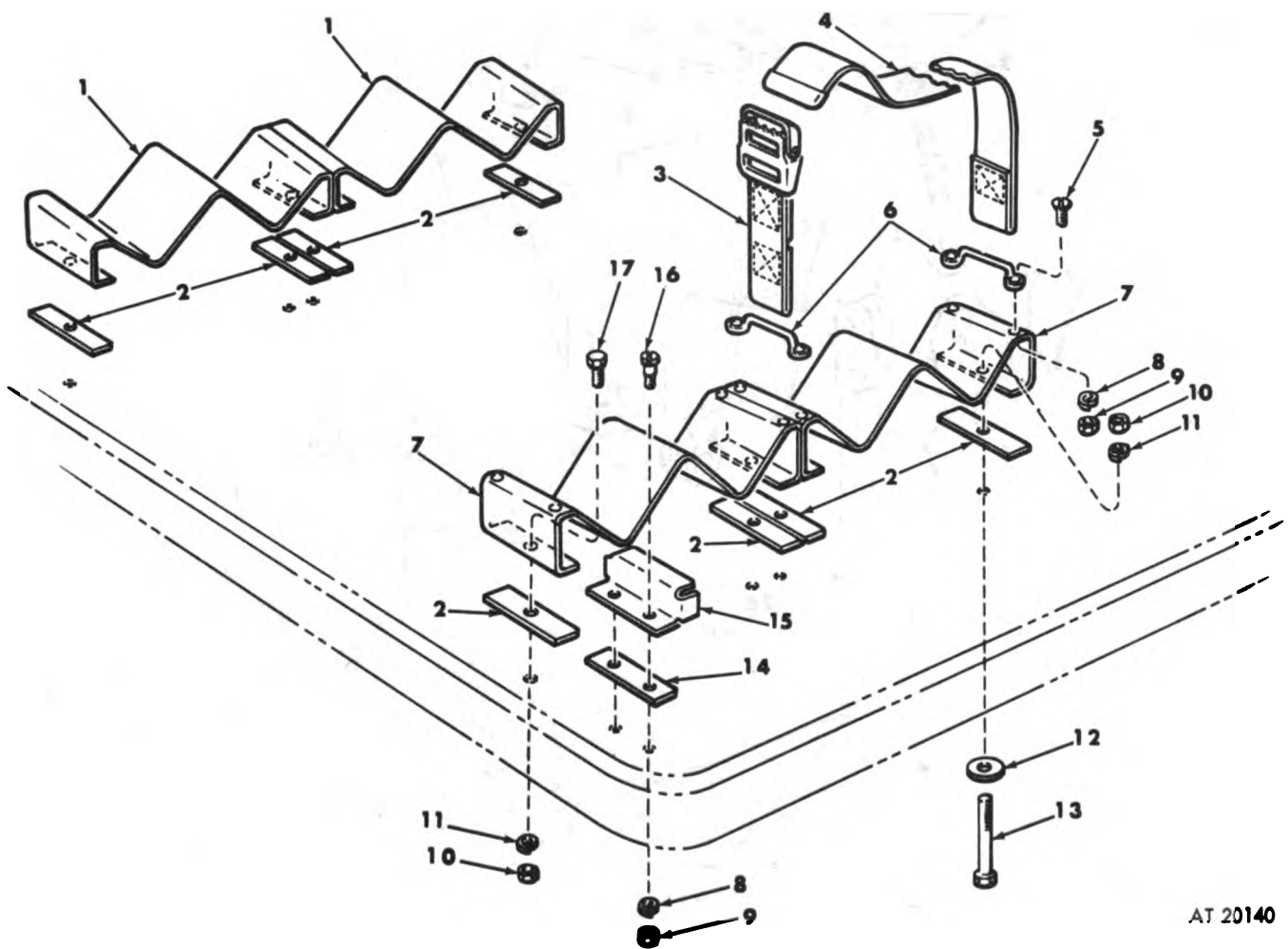
AT 20138

Figure 83. Rifle mount opening cover assembly— exploded view.



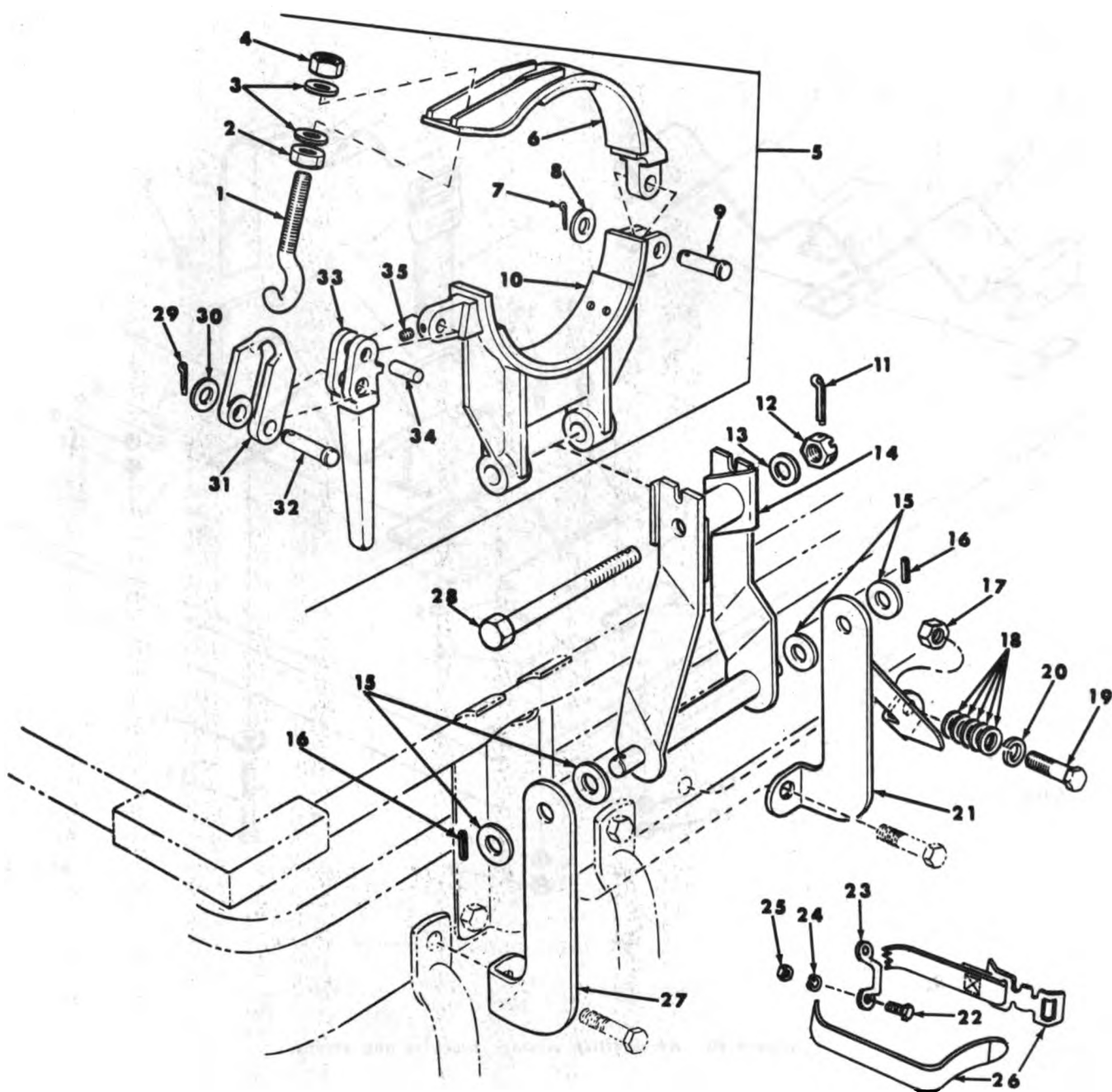
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Figure 84. Rifle mount brackets, supports and straps.



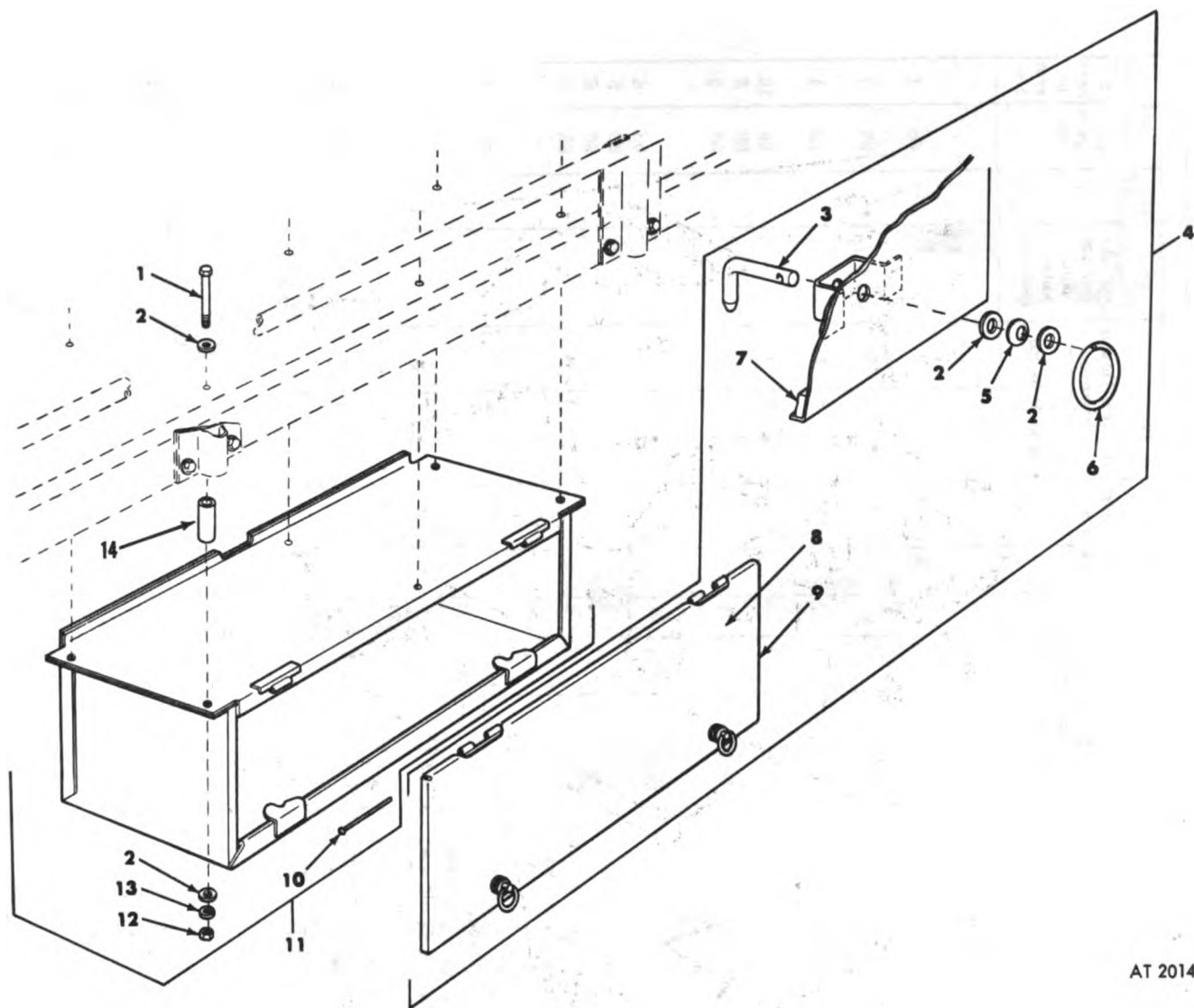
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Figure 85. Ammunition stowage brackets and straps.



AT 20141

Figure 86. Gun mount clamplock assembly—exploded view.



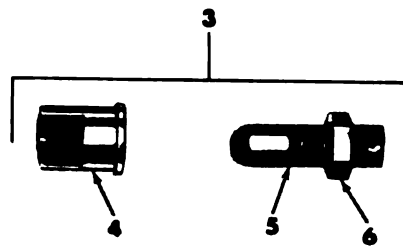
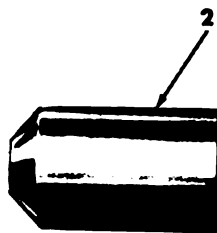
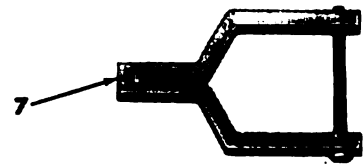
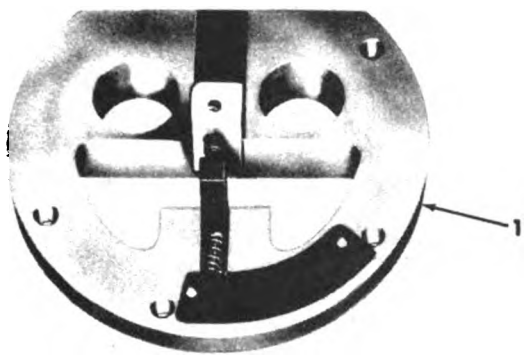
AT 20142

Figure 87. Tool and instrument stowage box—exploded view.

SECTION III.

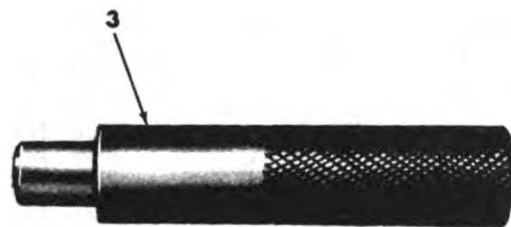
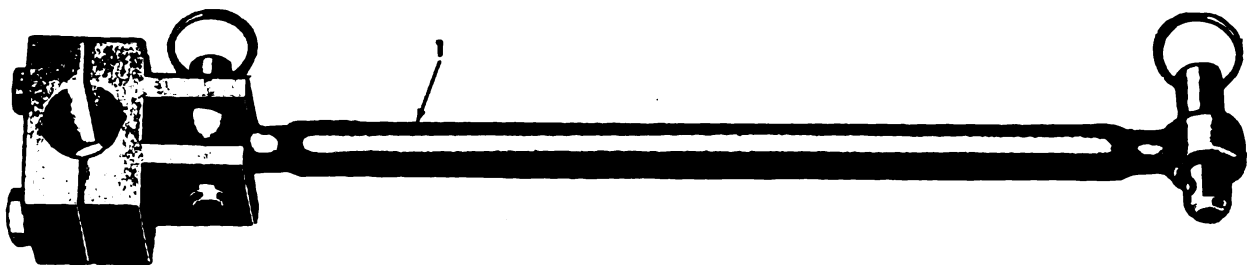
Repair parts for direct and general support

Repair parts for direct and general support																	
(1) Source, maint. and recov. code			(2) Federal stock No.	(3) Description	(4) Unit inc in meas	(5) Qty inc in unit pack	(6) Qty inc in unit	(7) 30-day DS maint allowance			(8) 30-day GS maint allowance			(9) 1-yr. alw. per 100 equip. entgcy. planning	(10)	(11) Illustration	
								(a) 1-30	(b) 31-60	(c) 61-100	(a) 1-30	(b) 31-60	(c) 61-100			(a) Figure No.	(b) Item or sym No.
GROUP 26—TOOLS AND TEST EQUIPMENT																	
2664—SPECIAL TOOLS																	
P	O	4910-671-6614	FIXTURE: steering lockup during wheel alignment (7059970)				EA	1	1	2	3	1	2	3	88	1	
P	F	4910-713-1013	FIXTURE, BLACKLASH: axle ring and pinion backlash setting (7045666)				EA	1	1	2	3	1	2	3	88	7	
P	F	4910-713-1015	FIXTURE, PINION : axle pinion depth setting (7045667)				EA	1	1	2	3	1	2	3	89	1	
P	O	5120-601-2234	HANDLE REPLACER: (7010321)				EA	1	1	2	3	1	2	3	88	10	
P	F	5120-601-2227	PULLER, OIL SEAL: transmission shift rail oil seal (7010309)				EA	1	1	1	2	1	1	2	89	3	
Consists of:																	
X1	F		BODY: (7010311)				EA	1							88	4	
X1	F		SCREW: (NPN)				EA	1							88	5	
X1	F		NUT: (1760060)				EA	1							88	6	
P	O	5120-601-2223	REPLACER: oil seal front and rear drop case needle brg steering bellcrank brg front and rear axle shaft (7010301)				EA	1	1	2	3	1	2	3	88	9	
P	F	5120-601-2225	REPLACER, OIL SEAL: oil seal w/handle 710321 front and rear axle shaft outer oil seal or transmission input shaft oil seals (7010305)				EA	1	1	2	3	1	2	3	88	8	
P	O	5120-601-2226	REPLACER OIL SEAL: wheel hub oil seal (7010306)				EA	1	1	2	3	1	2	3	89	2	
P	F	5120-601-2229	REPLACER: oil seal transmission (7010314)				EA	1	1	2	3	1	2	3	88	11	
P	F	5120-601-2224	WRENCH: transmission output shaft front bearing lock nut (7010302)				EA	1	1	2	3	1	2	3	88	2	



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Figure 88. Special tools.



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Figure 89. Special tools.
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SECTION IV INDEX FEDERAL STOCK NUMBER CROSS REFERENCE TO FIGURE AND ITEM NUMBER

FIGURE ITEM			FIGURE ITEM			FIGURE ITEM		
STOCK NUMBER	NO.	NO.	STOCK NUMBER	NO.	NO.	STOCK NUMBER	NO.	NO.
2510 072 8253	61	12	2520 508 2265	19	13	2520 571 6577	GROUP	110
2510 102 3676	70	8	2520 508 2288	5	17	2520 587 1406	18	14
2510 102 9915	68	11	2520 508 2293	26	13	2520 587 1407	5	6
2510 104 6657	75	3	2520 508 2293	26	13	2520 588 0006	36	8
2510 508 2209	58	7	2520 508 2293	31	15	2520 627 2861	36	11
2510 508 2209	60	2	2520 508 2294	35	7	2520 627 2861	39	3
2510 508 2270	68	5	2520 508 2301	44	3	2520 632 4057	5	12
2510 508 2273	68	1	2520 508 2307	39	6	2520 647 4206	40	11
2510 508 2274	76	3	2520 508 2308	36	16	2520 697 3798	37	5
2510 508 2276	61	3	2520 508 2309	21	8	2520 697 3802	26	12
2510 508 2277	59	3	2520 508 2309	30	9	2520 697 3802	31	12
2510 508 2278	58	5	2520 508 2309	GROUP	1000	2520 697 3807	37	7
2510 508 2279	58	1	2520 508 2309	GROUP	1100	2520 697 3813	20	3
2510 562 8653	58	10	2520 508 2310	35	2	2520 697 3813	GROUP	1000
2510 565 5162	79	7	2520 508 2310	GROUP	1100	2520 697 3813	GROUP	1100
2510 571 6962	65	2	2520 508 2311	39	19	2520 697 3813	27	5
2510 571 6964	65	8	2520 508 2312	39	13	2520 697 3834	22	2
2510 571 6965	76	2	2520 508 2313	37	4	2520 697 3834	33	2
2510 571 6966	76	4	2520 508 2314	37	6	2520 697 3845	22	16
2510 571 6967	68	2	2520 508 2317	18	5	2520 697 3845	33	16
2510 678 3175	58	2	2520 508 2318	36	14	2520 697 3848	22	19
2510 678 3175	59	2	2520 508 2319	26	3	2520 697 3848	33	19
2510 678 3176	76	1	2520 508 2319	31	3	2520 697 3850	60	3
2510 697 3987	70	2	2520 508 2320	18	2	2520 697 3861	23	3
2510 697 3987	83	3	2520 508 2321	5	25	2520 697 3861	29	5
2510 725 5226	83	6	2520 508 2327	34	7	2520 697 3866	38	9
2510 725 5228	75	2	2520 508 2330	35	17	2520 697 3878	35	8
2510 725 5230	70	1	2520 508 2333	34	3	2520 697 3878	GROUP	1100
2510 725 5258	69	6	2520 508 2334	35	9	2520 697 3892	36	3
2510 727 3901	67	7	2520 508 2339	24	4	2520 697 3892	GROUP	1100
2510 731 4773	67	2	2520 508 2340	39	16	2520 697 3986	18	13
2510 731 4776	79	7	2520 508 2351	39	17			15
2510 737 5169	87	3	2520 508 2352	39	8	2520 697 3995	26	6
2510 756 2712	68	7	2520 508 2353	36	15	2520 697 3995	31	6
2510 763 7332	67	5	2520 508 2354	18	19	2520 697 4206	25	2
2510 891 4039	67	4	2520 508 2356	26	11	2520 697 4206	GROUP	1000
2510 911 5067	81	10	2520 508 2356	31	11	2520 697 4206	GROUP	1100
2510 936 2271	71	2	2520 508 2357	5	16	2520 697 4266	43	13
2510 936 2273	69	4	2520 536 2788	39	10	2520 697 4266	GROUP	1000
2510 936 2274	69	3	2520 536 2789	39	11	2520 697 4266	44	17
2510 936 2275	69	2	2520 561 9108	38	2	2520 697 4286	22	7
2510 993 1125	60	2	2520 561 9110	38	6	2520 697 4286	GROUP	1000
2510 999 1278	58	1	2520 561 9111	38	5	2520 697 4286	GROUP	1100
2510 999 1279	58	10	2520 561 9112	22	17	2520 697 4286	33	7
2510 999 1283	58	5	2520 561 9112	33	17	2520 697 4298	23	7
2510 999 1284	60	2	2520 561 9113	31	5	2520 697 4298	29	11
2510 999 1287	67	2	2520 561 9113	26	5	2520 697 4299	39	18
2510 999 1296	7	17	2520 561 9114	23	5	2520 697 4305	GROUP	1100
2510 999 1301	49	9	2520 561 9114	29	7	2520 697 4305	34	6
2510 999 1302	4	6	2520 561 9115	24	2	2520 697 4308	35	4
2520 065 7539	GROUP	1100	2520 561 9115	24	5	2520 697 4308	40	5
2520 065 7540	38	2	2520 561 9115	34	8	2520 697 4308	GROUP	1100
2520 078 8706	27	9	2520 561 9115	35	18	2520 697 4326	5	15
2520 087 4380	24	9	2520 561 9117	20	5	2520 697 4327	20	1
2520 087 4380	25	5	2520 561 9117	27	3	2520 697 4329	22	10
2520 087 4381	29	1	2520 561 9118	38	10	2520 697 4329	33	10
2520 087 4381	37	9	2520 561 9120	20	6	2520 697 4331	40	9
2520 096 7275	39	10	2520 561 9120	25	1	2520 697 4377	GROUP	1000
2520 167 8850	19	11	2520 562 8925	31	3	2520 697 4399	35	14
2520 368 2630	5	19	2520 562 8925	26	3	2520 697 4412	23	4

SECTION IV INDEX FEDERAL STOCK NUMBER CROSS REFERENCE TO FIGURE AND ITEM NUMBER

FIGURE ITEM			FIGURE ITEM			FIGURE ITEM		
STOCK NUMBER	NO.	NO.	STOCK NUMBER	NO.	NO.	STOCK NUMBER	NO.	NO.
2520 697 4412	29	6	2520 996 7287	25	—	2530 890 7494	41	10
2520 698 4402	35	6	2520 996 7287	20	6	2530 909 2472	26	2
2520 698 6592	23	9	2520 999 1291	35	2	2530 909 2472	31	2
2520 698 6593	29	13	2520 999 1293	GROUP 1100		2530 915 7111	26	2
2520 698 6593	37	8	2520 999 1293	36	4	2530 915 7111	31	2
2520 698 6908	5	3	2530 065 7542	43	19	2530 923 4233	51	3
2520 711 5820	22	4	2530 087 1512	52	8	2530 923 4233	54	17
2520 711 5820	33	4	2530 087 1515	52	11	2530 930 6935	32	1
2520 711 5822	22	12	2530 108 5772	42	5	2530 930 6937	48	6
2520 711 5822	33	12	2530 104 2474	44	18	2530 933 1089	56	5
2520 711 5823	20	7	2530 359 1823	50	11	2530 933 1090	5	3
2520 711 5823	28	2	2530 508 2297	26	20	2530 933 1090	45	16
2520 725 5179	40	9	2530 508 2297	81	20	2530 936 2272	52	14
2520 725 5180	40	1	2530 508 2358	51	13	2530 936 5296	45	13
2520 725 5181	19	1	2530 508 2359	51	16	2530 936 5297	45	14
2520 725 5184	20	2	2530 508 2359	54	12	2530 936 5298	45	12
2520 725 5184	22	6	2530 508 2363	50	1	2530 936 5299	45	6
2520 725 5184	33	6	2530 508 2364	41	3	2530 953 4857	49	17
2520 745 7592	44	10	2530 508 2364	45	1	2530 953 4859	52	13
2520 745 7637	40	1	2530 511 1732	50	10	2530 953 4860	52	8
2520 812 9867	17	4	2530 561 9119	45	10	2530 953 4861	43	16
2520 888 3727	17	4	2530 561 9121	51	13	2530 953 4863	51	21
2520 913 3374	20	1	2530 561 9122	47	7	2530 953 4863	54	13
2520 918 6194	27	1	2530 563 7251	44	5	2530 953 4864	51	17
2520 918 6220	35	7	2530 572 2865	53	6	2530 953 4864	54	19
2520 921 6004	24	3	2530 587 1408	52	3	2530 953 4865	43	3
2520 921 6004	35	16	2530 587 1410	49	10	2530 953 4863	51	5
2520 930 6930	40	9	2530 587 1411	49	7	2530 953 4870	45	10
2520 930 6932	27	9	2530 587 1413	44	12	2530 953 4871	45	21
2520 930 6933	32	5	2530 588 0007	54	5	2530 953 4872	54	2
2520 930 6934	32	2	2530 606 9477	52	13	2530 953 4875	45	17
2520 933 2256	GROUP 1100		2530 655 9295	45	2	2530 953 4877	56	1
2520 933 2256	34	2	2530 678 3136	GROUP 1000		2530 953 4878	56	9
2520 936 2257	19	9	2530 678 3136	44	6	2530 953 4879	52	2
2520 936 2258	40	3	2530 678 3177	21	1	2530 953 4880	50	5
2520 936 2260	19	10	2530 678 3177	30	1	2530 953 4881	51	16
2520 936 2261	19	12	2530 678 3178	GROUP 1100		2530 953 4881	54	12
2520 936 2262	43	12	2530 679 6475	47	5	2530 953 4884	52	3
2520 936 2262	44	20	2530 679 6475	45	20	2530 953 6873	51	13
2520 936 2263	23	5.2	2530 697 3852	GROUP 1000		2530 999 1294	43	5
2520 936 2263	29	7.2	2530 697 4035	52	2	2540 089 4208	GROUP 3305	
2520 936 2264	23	5.3	2530 697 4078	26	18	2540 110 5818	87	4
2520 936 2264	29	7.3	2530 697 4078	31	18	2540 167 8563	66	11
2520 936 2265	23	5.4	2530 697 4083	44	4	2540 226 1852	67	1
2520 936 2265	29	7.4	2530 697 4249	GROUP 1000		2540 226 1852	69	1
2520 936 2267	24	1	2530 697 4249	54	8	2540 508 2365	51	12
2520 936 2268	5	24	2530 697 4309	44	16	2540 508 2365	51	12
2520 936 2269	18	19	2530 697 4395	52	5	2540 508 2365	55	8
2520 936 2270	18	7	2530 697 4395	52	5	2540 508 2366	60	1
2520 953 4862	18	15	2530 697 4424	49	5	2540 561 9107	55	2
2520 953 4867	18	13	2530 698 6590	49	14	2540 561 9126	62	3
2520 953 4885	21	6	2530 711 8369	42	2	2540 562 8643	63	5
2520 953 4885	30	6	2530 737 1011	45	8	2540 562 8650	64	6
2520 953 4886	43	4	2530 737 5336	50	13	2540 562 8652	63	2
2520 962 2971	45	8	2530 744 3789	44	9	2540 562 8654	63	1
2520 996 3780	5	17	2530 756 2707	42	3	2540 588 0008	51	9
2520 996 7218	36	2	2530 769 6370	50	12	2540 606 9478	19	12
2520 996 7274	36	14	2530 807 1413	44	8	2540 606 9479	9	17
2520 996 7279	38	10	2530 832 6844	40	2	2540 606 9480	63	10
2520 996 7286	19	13	2530 832 6844	25	4	2540 630 5592	21	8

SECTION IV INDEX FEDERAL STOCK NUMBER CROSS REFERENCE TO FIGURE AND ITEM NUMBER

FIGURE ITEM			FIGURE ITEM			FIGURE ITEM		
STOCK NUMBER	NO.	NO.	STOCK NUMBER	NO.	NO.	STOCK NUMBER	NO.	NO.
2540 630 5592	30	3	2640 060 3543	48	4	3110 144 8534	37	2
2540 630 6804	GROUP 3401		2640 060 3550	48	5	3110 155 7432	26	22
2540 653 7271	64	8	2640 911 5006	48	2	3110 155 7432	31	22
2540 697 3854	10	14	2805 017 8680	2	1	3110 156 4712	26	9
2540 697 3990	70	7	2805 073 3065	GROUP 0100		3110 156 4712	31	9
2540 698 6703	10	5	2805 999 1208	79	7	3110 156 7721	38	3
2540 737 1193	10	11	2910 073 2115	GROUP 0309		3110 157 1902	5	18
2540 737 5117	55	8	2910 587 1429	9	12	3110 832 6904	22	15
2540 765 9597	9	7	2910 697 4819	8	12	3110 832 6904	23	6
2540 774 6552	64	3	2910 698 2209	8	1	3110 832 6904	33	15
2540 861 2046	12	3	2910 698 2281	8	2	3110 832 6904	29	8
2540 904 0146	64	9	2910 832 6745	7	4	3110 975 3586	22	20
2540 904 0148	64	2	2910 832 6746	8	13	3110 975 3586	25	7
2540 909 2471	64	1	2910 832 6747	8	1	3110 975 3586	54	9
2540 933 1091	55	12	2910 920 7579	8	2	3110 975 3586	26	21
2540 933 1103	79	2	2910 933 1088	7	15	3540 653 7275	84	14
2540 933 1124	51	9	2910 955 2010	8	9	3540 653 7275	86	23
2540 933 2270	66	6	2910 996 7262	8	3	4010 129 3221	81	8
2540 933 2271	66	6	2910 999 1281	7	13	4010 832 9024	55	7
2540 936 5295	79	1	2920 810 7083	GROUP 0605		4030 067 4604	81	7
2540 999 1304	18	3	2940 580 6302	GROUP 0100		4030 698 3241	5	7
2540 999 1304	18	3	2940 698 2839	57	3	4030 698 3241	45	18
2540 999 1304	9	5	2940 698 2884	57	13	4030 698 6944	3	17
2590 022 3325	45	193	2940 912 4032	57	2	4710 277 3627	3	--
2590 033 7760	4	7	2940 923 4246	6	17	4720 763 6297	3	16
2590 033 7761	11	1	2940 955 2008	6	3	4720 953 0393	11	8
2590 033 7762	9	11	2940 999 1285	6	1	4730 012 7951	8	18
2590 033 7763	9	9	2590 017 8682	GROUP 3305		4730 012 7951	58	9
2590 561 9123	46	2	2990 053 8373	12	4	4730 044 4667	25	10
2590 565 5165	80	7	2990 536 2794	3	4	4730 044 4667	40	10
2590 654 7246	86	31	2990 571 6979	3	28	4730 050 4203	54	1
2590 654 7247	86	33	2990 571 6980	3	26	4730 050 4207	19	7
2590 654 7248	86	6	2990 678 4655	3	11	4730 050 4207	47	6
2590 679 1365	6	13	2990 678 4662	4	2	4730 050 4207	51	23
2590 679 3165	17	6	2990 678 4663	3	5	4730 050 4208	18	16
2590 679 3165	8	15	2990 678 4664	4	3	4730 050 4208	25	9
2590 679 3165	84	3	2990 832 6749	3	21	4730 050 4208	54	24
2590 697 3704	9	10	2990 832 6751	3	10	4730 067 9801	6	11
2590 697 3713	17	11	2990 832 6752	3	3	4730 082 5965	3	22
2590 697 3714	17	1	2990 890 2450	3	12	4730 082 5965	21	13
2590 697 3989	9	6	2990 955 2011	3	11	4730 082 5965	22	9
2590 697 4324	77	1	2990 996 3812	4	8	4730 082 5965	33	9
2590 697 4376	45	19	2990 999 1282	3	20	4730 082 5965	30	15
2590 697 4376	46	1	3110 100 0512	29	9	4730 089 0980	6	10
2590 697 4415	47	3	3110 100 0513	29	4	4730 089 3298	22	13
2590 697 4423	5	13	3110 100 3137	29	3	4730 089 3298	33	13
2590 756 2711	5	28	3110 100 5993	23	2	4730 231 3904	6	6
2590 779 2838	10	4	3110 100 6151	36	12	4730 238 8257	7	16
2590 781 6297	66	3	3110 100 6151	39	2	4730 360 8282	57	12
2590 928 2930	11	1	3110 100 9939	29	2	4730 702 2750	6	16
2590 930 6936	80	1	3110 101 0786	29	10	4730 769 6481	36	10
2590 933 1087	81	4	3110 120 3100	31	21	4730 769 6481	39	4
2590 936 5293	9	14	3110 120 3100	32	4	4730 909 8627	GROUP 3305	
2590 941 7372	80	3	3110 120 3100	33	20	4730 916 2270	7	14
2590 947 7343	80	4	3110 144 8518	22	5	4730 999 1305	3	15
2590 947 7348	80	5	3110 144 8518	33	5	4730 999 5437	6	9
2590 947 7388	80	3	3110 144 8518	35	10	4910 671 6614	88	1
2590 999 1289	80	5	3110 144 8518	36	7	4910 713 1018	88	7
2610 569 0815	48	1	3110 144 8534	24	7	4910 713 1015	88	1
2610 569 0817	48	3						

SECTION IV INDEX FEDERAL STOCK NUMBER CROSS REFERENCE TO FIGURE AND ITEM NUMBER

FIGURE ITEM					FIGURE ITEM					FIGURE ITEM				
STOCK NUMBER		NO.		NO.	STOCK NUMBER		NO.		NO.	STOCK NUMBER		NO.		NO.
5120	601	2223	88	9	5305	710	4204	58	8	5307	698	4406	40	4
5120	601	2224	88	2	5305	710	4205	58	6	5307	698	4408	25	11
5120	601	2225	88	8	5305	710	4205	59	1	5307	698	4414	22	8
5120	601	2226	81	2	5305	728	5476	55	1	5307	698	4414	33	8
5120	601	2227	88	3	5305	767	0437	18	9	5307	698	4414	35	5
5120	601	2229	88	11	5305	767	0437	16	2	5307	933	2255	25	11
5120	601	2234	88	10	5305	769	6342	53	2	5310	012	0204	56	2
5120	601	2234	89	3	5305	832	6778	8	11	5310	012	0214	71	3
5305	014	5371	55	10	5305	855	0835	64	7	5310	012	0861	7	1
5305	019	2444	8	14	5305	913	3499	52	12	5310	012	0861	8	6
5305	051	3958	68	8	5305	942	2210	58	12	5310	012	0876	82	18
5305	052	6915	13	13	5305	942	2210	58	6	5310	012	0876	84	10
5305	058	8495	9	15	5305	954	1247	17	5	5310	012	0879	41	8
5305	059	0819	9	18	5305	957	1497	66	5	5310	012	0879	49	12
5305	059	7083	61	8	5305	957	6766	4	5	5310	012	0381	41	2
5305	059	7084	6	12	5305	958	0591	61	11	5310	012	0381	51	2
5305	059	7901	8	4	5305	958	5252	71	1	5310	012	0381	79	5
5305	059	7981	10	9	5305	958	5253	84	4	5310	012	0614	86	25
5305	059	7982	11	17	5305	958	5482	4	1	5310	012	1458	86	8
5305	068	0501	7	9	5305	959	2699	12	2	5310	012	1637	66	2
5305	068	0515	GROUP 3305		5305	959	2699	62	2	5310	013	1016	54	13
5305	068	0523	10	3	5305	959	2700	17	5	5310	013	8530	8	5
5305	068	0523	11	11	5305	984	6210	7	5	5310	013	8542	86	3
5305	068	0801	77	5	5305	984	6210	11	13	5310	044	3336	51	22
5305	068	5009	3	1	5305	984	6216	26	16	5310	044	5176	9	13
5305	225	3839	3	13	5305	984	6216	31	16	5310	044	6212	86	30
5305	253	4762	86	35	5305	984	6221	13	1	5310	044	6212	86	13
5305	269	2801	85	17	5305	988	1724	5	14	5310	044	6477	86	15
5305	269	2802	81	11	5305	988	1725	11	17	5310	045	3296	7	2
5305	269	2803	79	6	5305	988	3786	49	13	5310	045	3296	8	7
5305	269	2803	57	1	5305	993	2463	7	3	5310	045	3296	30	10
5305	269	2803	GROUP 3305		5306	225	8497	82	9	5310	045	3296	82	5
5305	269	2806	GROUP 3305		5306	225	8498	84	2	5310	045	3296	84	12
5305	269	2806	3	18	5306	225	8499	21	10	5310	045	3296	85	8
5305	269	2808	81	1	5306	225	8499	30	11	5310	045	3296	86	24
5305	269	2809	54	21	5306	225	8507	87	1	5310	045	3299	13	2
5305	269	2810	18	17	5306	225	9087	47	4	5310	080	6004	18	18
5305	269	2813	85	13	5306	225	9088	41	7	5310	080	6004	8	16
5305	269	2814	65	9	5306	275	9091	56	4	5310	080	6004	9	2
5305	269	2818	65	7	5306	536	2808	3	30	5310	080	6004	10	1
5305	269	3208	41	1	5306	565	5185	62	9	5310	080	6004	49	2
5305	269	3212	86	19	5306	571	6985	65	1	5310	080	6004	57	7
5305	269	3212	57	6	5306	588	0020	36	1	5310	080	6004	60	4
5305	269	3218	51	1	5306	630	9934	21	7	5310	080	6004	61	2
5305	269	3222	65	5	5306	630	9934	30	7	5310	080	6004	86	18
5305	269	3222	61	10	5306	652	5554	86	1	5310	081	4219	5	2
5305	531	1118	80	6	5306	678	4778	35	12	5310	081	4219	6	14
5305	543	5590	85	5	5306	698	4434	43	20	5310	081	4219	41	11
5305	543	5990	86	22	5306	825	6886	53	7	5310	081	4219	45	0
5305	543	5990	84	18	5306	832	6810	19	3	5310	081	4219	70	5
5305	550	3115	51	1	5306	832	6811	5	26	5310	081	4219	72	3
5305	550	3115	52	12	5306	832	6812	75	5	5310	081	4219	74	2
5305	622	1509	82	2	5307	011	3240	26	4	5310	081	4219	82	17
5305	622	1509	85	16	5307	011	3240	31	4	5310	081	4219	84	7
5305	637	4046	57	1	5307	569	0957	40	6	5310	081	4219	87	2
5305	698	3899	36	17	5307	587	1439	40	13	5310	087	4652	8	17
5305	698	3899	39	7	5307	698	4388	25	6	5310	087	4652	61	1
5305	710	4194	3	18	5307	698	4388	40	12	4310	088	1251	4	4
5305	710	4203	58	4	5307	698	4400	40	7	5310	194	0743	58	3
5305	710	4203	59	6	5307	698	4406	25	3	5310	194	0743	59	5

SECTION IV INDEX FEDERAL STOCK NUMBER CROSS REFERENCE TO FIGURE AND ITEM NUMBER

FIGURE ITEM				FIGURE ITEM				FIGURE ITEM			
STOCK NUMBER		NO.	NO.	STOCK NUMBER		NO.	NO.	STOCK NUMBER		NO.	NO.
5310 194 1483	13	5		5310 637 9541	GROUP 3305			5310 880 7744	17	8	
5310 209 0965	8	19		5310 637 9541	85	11		5310 880 7744	71	4	
5310 209 0965	82	13		5310 637 9541	86	20		5310 880 7744	87	12	
5310 272 7019	55	5		5310 639 8061	26	7		5310 880 7745	11	4	
5310 275 2017	75	4		5310 639 8061	31	7		5310 880 7745	82	14	
5310 275 2039	18	8		5310 639 8069	31	7		5310 880 7746	17	8	
5310 275 2068	18	21		5310 655 9285	53	4		5210 880 7746	20	9	
5310 275 2088	57	5		5310 655 9648	35	11		5310 880 7746	21	11	
5310 285 5632	58	11		5310 680 5384	22	14		5310 880 7746	26	8	
5310 285 5632	59	4		5310 680 5384	52	16		5310 880 7746	27	7	
5310 285 5638	18	8		5310 685 3228	11	3		5310 880 7746	28	5	
5310 407 5965	21	9		5310 697 3851	39	12		5310 880 7746	30	13	
5310 407 9566	17	7		5310 697 3856	22	18		5310 880 7746	36	21	
5310 407 9566	19	2		5310 697 3856	33	18		5310 880 7746	34	5	
5310 407 9566	20	8		5310 698 4409	23	8		5310 880 7746	31	8	
5310 407 9566	27	8		5310 698 4409	29	12		5310 880 7746	41	9	
5310 407 9566	28	4		5310 698 4420	35	18		5310 880 7746	43	8	
5310 407 9566	34	4		5310 698 4440	35	15		5310 880 7746	44	21	
5310 407 9566	36	20		5310 698 4499	48	7		5310 880 7746	54	26	
5310 407 9566	34	4		5310 703 2635	44	1		5310 880 7746	61	4	
5310 407 9566	43	9		5310 720 8538	51	18		5310 880 7746	62	7	
5310 407 9566	44	23		5310 720 8538	54	14		5310 880 7746	49	11	
5310 407 9566	47	2		5310 732 0558	86	17		5310 880 9744	70	4	
5310 407 9566	62	6		5310 732 0559	18	21		5310 889 2528	10	6	
5310 407 9566	82	8		5310 732 0559	11	5		5310 905 1491	79	3	
5310 407 9566	84	9		5310 732 0559	35	19		5310 905 1493	64	4	
5310 407 9566	87	13		5310 732 0559	85	10		5310 933 2445	66	9	
5310 489 5661	59	4		5310 732 0559	86	2		5310 939 0783	43	1	
5310 514 6674	49	16		5310 732 0846	GROUP 3305			5310 950 0039	18	8	
5310 543 2705	54	25		5310 737 2368	44	2		5310 954 1241	50	14	
5310 543 2862	3	29		5310 761 1681	49	15		5310 959 1488	81	3	
5310 546 8200	3	25		5310 761 6882	3	8		5310 959 7600	7	8	
5310 550 1459	5	23		5310 761 6882	5	11		5310 982 4908	48	8	
5310 550 1459	72	2		5310 761 6882	7	12		5310 982 4908	54	20	
5310 550 1459	83	4		5310 761 6882	10	7		5310 982 4908	57	9	
5310 550 1459	87	5		5310 761 6882	11	14		5310 982 4908	65	3	
5310 558 5995	53	3		5310 761 6882	66	1		5310 982 4912	6	15	
5310 562 8655	5	9		5310 761 6882	77	3		5310 982 4937	26	15	
5310 562 8655	45	15		5310 768 0319	5	5		5310 982 4937	31	14	
5310 582 5965	3	2		5310 768 0319	5	20		5310 984 3807	5	1	
5310 582 5965	5	21		5310 768 0319	45	192		5310 984 3807	9	3	
5310 582 5965	7	11		5310 768 0319	45	22		5310 999 0897	12	1	
5310 582 5965	7	7		5310 809 4058	3	9		5315 012 0123	86	7	
5310 582 5965	10	8		5310 809 4058	5	23		5315 012 0123	86	11	
5310 582 5965	11	15		5310 809 4058	11	16		5315 013 8086	54	4	
5310 582 5965	61	13		5310 809 4058	77	4		5315 015 6624	55	11	
5310 582 5965	GROUP 3305			5310 809 4061	81	2		5315 018 7988	54	15	
5310 582 5965	61	5		5310 809 4061	81	2		5315 023 4254	41	5	
5310 587 1441	52	1		5310 809 5998	18	11		5315 059 0187	51	7	
5310 587 1442	50	6		5310 809 8533	43	2		5315 059 0187	54	3	
5310 588 0021	51	14		5310 809 8536	55	4		5315 081 7023	17	2	
5310 588 0021	54	7		5310 809 8544	11	10		5315 234 1864	52	15	
5310 598 6440	44	15		5310 809 8544	11	6		5315 233 0850	33	14	
5310 595 7237	11	3		5310 809 8546	9	8		5315 233 0850	40	8	
5310 596 7691	13	12		5310 809 8546	11	12		5315 290 1350	17	13	
5310 627 6128	79	4		5310 809 8546	10	16		5315 290 1350	18	6	
5310 637 9541	18	20		5310 823 8803	51	20		5315 290 1350	41	4	
5310 637 9541	35	20		5310 827 8487	GROUP 3305			5315 290 1350	55	6	
5310 637 9541	57	4		5310 834 8732	3	6		5315 561 9136	5	27	
5310 637 9541	77	2		5310 880 4476	47	1		5315 569 0975	39	5	

SECTION IV INDEX FEDERAL STOCK NUMBER CROSS REFERENCE TO FIGURE AND ITEM NUMBER

STOCK NUMBER			FIGURE ITEM		STOCK NUMBER			FIGURE ITEM		STOCK NUMBER			FIGURE ITEM	
			NO.	NO.				NO.	NO.				NO.	NO.
5315	616	4260	52	6	5315	957	2399	49	8	5340	698	4387	9	4
5315	616	5520	22	11	5315	999	1090	63	6	5340	738	4942	7	10
5315	616	5520	33	11	5320	754	4501	GROUP 3305		5340	769	7855	41	6
5315	652	5556	86	32	5320	930	1404	80	2	5340	780	4460	GROUP 3305	
5315	652	5557	86	9	5320	957	2507	82	16	5340	792	0846	68	9
5315	678	9594	86	34	5320	959	0139	55	9	5340	803	7303	18	12
5315	678	4782	21	4	5325	905	1492	64	5	5340	804	2027	22	1
5315	678	4782	30	16	5330	199	5886	GROUP 3305		5340	804	2027	33	1
5315	678	4786	83	7	5330	531	3714	GROUP 1000		5340	865	9496	5	4
5315	682	2021	83	2	5330	531	3714	21	2	5340	865	9496	45	191
5315	682	2507	68	12	5330	531	3714	30	2	5340	865	9496	45	23
5315	698	4822	52	7	5330	593	6441	44	14	5340	914	6041	54	6
5315	732	6118	45	7	5330	752	8605	GROUP 3305		5340	923	8138	26	10
5315	754	0848	10	15	5330	883	3883	GROUP 3305		5340	923	8138	31	10
5315	754	0848	42	1	5330	926	1908	GROUP 1000		5340	926	5450	81	9
5315	754	0848	45	4	5330	926	1908	21	5	5340	936	8301	51	15
5315	805	9670	66	8	5330	926	1908	30	4	5340	936	8301	54	11
5315	812	2683	18	4	5330	954	1245	GROUP 1000		5340	938	2977	73	1
5315	812	3427	17	9	5330	954	1245	26	1	5340	938	2977	75	1
5315	814	3531	86	16	5330	954	1245	GROUP 1100		5340	999	1097	36	6
5315	816	1794	44	7	5330	954	1245	31	1	5355	587	1448	49	6
5315	832	3044	86	29	5330	954	1246	GROUP 1100		5930	699	9438	GROUP 0605	
5315	839	2326	17	3	5330	954	1253	GROUP 1000		5930	699	9438	13	6
5315	839	2326	45	11	5330	954	1253	43	14	5935	214	0904	13	8
5315	839	5822	51	10	5330	958	2733	GROUP 1000		5935	833	8561	15	4
5315	842	3044	45	5	5330	958	2733	43	15	5935	833	8561	14	4
5315	842	3044	62	8	5330	999	1098	25	8	5940	050	6209	14	8
5315	842	3154	51	6	5340	050	1589	18	1	5940	399	6676	14	2
5315	842	3154	51	11	5340	057	2891	11	7	5940	399	6676	15	2
5315	842	3651	17	3	5340	057	3537	17	10	5970	833	8562	15	3
5315	842	3651	9	1	5340	080	9853	13	11	5970	833	8562	14	3
5315	842	3651	42	4	5340	143	0082	11	9	5975	832	6852	13	4
5315	842	3651	45	3	5340	282	7519	5	10	6145	772	0853	15	6
5315	842	3651	51	4	5340	282	7544	7	6	6145	772	0853	14	6
5315	842	3651	54	16	5340	291	3652	10	2	6220	538	1088	13	3
5315	842	3651	60	5	5340	360	8138	38	4	6645	832	5681	16	1
5315	842	3651	49	3	5340	430	6906	19	6	9330	069	4211	GROUP 1806	
5315	842	3871	52	10	5340	543	3088	13	10	9505	191	3680	26	17
5315	843	1536	5	27	5340	587	1447	26	19	9505	248	9850	19	14
5315	843	1536	45	21	5340	587	1447	31	19	9505	596	1650	36	18
5315	844	3964	50	2	5340	587	1447	32	3	9505	596	1650	39	9
5315	844	4290	70	3	5340	588	8574	22	3	9505	596	1650	31	17
5315	844	4290	72	1	5340	588	8574	33	3	9535	242	8603	GROUP 1810	
5315	844	4290	74	3	5340	606	3041	44	19	9905	752	4649	15	5
5315	844	4790	75	6	5340	698	4194	24	6	9905	752	4649	14	5
5315	849	5582	51	19	5340	698	4194	37	3	9905	935	7635	14	7
5315	905	4450	49	4	5340	698	4346	36	5	9905	935	7672	15	7

By Order of the Secretary of the Army

Official

W. C. WESTMORELAND,
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Chief of Staff.

KENNETH G. WICKHAM,
Major General, United States Army,
The Adjutant General

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