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ENG 7 & 8-1036

TO 19-40AAB-35

DEPARTMENT OF THE ARMY SUPPLY MANUAL
DEPARTMENT OF THE AIR FORCE TECHNICAL ORDER

ORGANIZATIONAL ALLOWANCES, FIELD AND DEPOT
MAINTENANCE INITIAL STOCK GUIDE, AND
DEPOT STOCK GUIDE FOR REPAIR PARTS

GRADER, ROAD: TOWED-TYPE; LEAN-
ING-WHEEL; STEEL-TIRED WHEELS
HAND-CONTROLLED; 10-FOOT MOLD-
BOARD, WITH SCARIFIER; JAN-G-578
CLASS A; SIZE 1; ADAMS MODEL 104

(ENGINEER STOCK NO. 78-4490.100.200)

GRADER, ROAD: TOWED-TYPE; LEAN-
ING-WHEEL; STEEL-TIRED WHEELS
HAND-CONTROLLED; 10-FOOT MOLD-
BOARD, WITH SCARIFIER; JAN-G-578
CLASS A; SIZE 1; ADAMS MODEL 104-S

(ENGINEER STOCK NO. 78-4490.100.210)

DEPARTMENTS OF THE ARMY AND THE AIR FORCE SEPTEMBER 1954

SUPPLY MANUAL
ENG 7 & 8-1036
TECHNICAL ORDER
No. 19-40AAB-35

DEPARTMENTS OF THE ARMY AND
THE AIR FORCE
WASHINGTON 25, D. C., 17 September 1954

**GRADER, ROAD: TOWED-TYPE; LEANING-WHEEL; STEEL-TIRED WHEELS
HAND-CONTROLLED; 10-FOOT MOLDBOARD, WITH SCARIFIER; JAN-G-578;
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HAND-CONTROLLED; 10-FOOT MOLDBOARD, WITH SCARIFIER; JAN-G-578;
CLASS A SIZE 1; ADAMS MODEL 104-S**

(Engineer Stock No. 78-4490.100.210)

Ref: TM 5-1036

This manual is current to 26 August 1954

1. **General.** *a.* This manual lists initial repair parts allowances for organizational maintenance and initial stock guide quantities for field and depot maintenance. Allowances are based on 750 hours operation a year under *normal* operating conditions. Individual parts and components of major assemblies and subassemblies are listed alphabetically within numbered functional groups. Essential illustrations are provided.

b. Service parts (nonstock items) are listed in this manual as identification information for use in the rebuilding or overhauling of equipment. Service parts are indicated by "J" in the reference symbol column. Standard parts of general usage not listed or allocated in the functional groups are consolidated in group 95.

c. Quantities listed in allowance and initial stock guide columns are determined by computations based on authorized time levels and the specified number of end items to be supported. If the actual number of machines to be supported differs from that shown in the column headings, the fraction of difference is applied to the figures in the applicable column or columns to obtain the correct repair parts quantities.

d. After initial issue, allowance and initial stock guide quantities will be adjusted by using or

issuing organizations to conform to actual usage and/or issue data. Readjustments will be made as operating conditions or experience dictates.

e. For an explanation of the purpose and use of all Corps of Engineers supply manuals, see Department of the Army Supply Manual ENG 1.

2. **Explanation of Columns.** *a. Federal Stock Number.* This column lists the 11-digit Federal stock number (or the 7-digit Federal item identification number) assigned by the Cataloging Division, OASD (S & L). When the Federal stock number also appears in the Engineer stock number column, it supersedes existing stock numbers and is to be used for the purposes of requisitioning, stockage, and issue.

b. Engineer Stock Number. In this manual the Federal stock number has, in several instances, replaced the former Engineer stock number. This Federal stock number, common to the entire Federal purchasing system, will be used for requisitioning and stockage throughout the Corps of Engineers. The Engineer stock number, a 3-digit code plus a part number, will continue to be used for all purposes until superseded by a Federal stock number.

*This manual supersedes ENG 7 & 8-1036, 28 June 1952.

c. Manufacturer's Part Number. This number is assigned to a part by the manufacturer and is listed as a cross-reference to the Engineer stock number.

d. Description. Nomenclature for each item is given in this column. The unit of issue is understood as "each" unless indicated otherwise in parentheses after the nomenclature.

e. Quantity Incorporated in Unit Assembly. Entries in this column show actual quantity of the part for the particular use indicated.

f. Organizational Allowances. The organizational allowance columns indicate the repair parts authorized for each regiment, separate battalion, independent company or similar organization, for the type of equipment supplied the organization. Initially, organizational repair parts will be requisitioned by the unit. Normally, replenishment will be obtained from field maintenance companies' stocks.

g. Field Maintenance Initial Stock Guide.

- (1) The special units columns are provided specifically for the use of those Engineer units (T/O & E's 5-315A, 5-328A, and 5-329A) which are authorized to perform limited field maintenance in addition to organizational maintenance. These columns may also be used with special authorization where it is desired to provide limited field maintenance parts in addition to organizational maintenance parts. *These columns include quantities of repair parts for both organizational and limited field maintenance.*
- (2) The field maintenance company columns provide initial stock guide quantities for Engineer Field Maintenance Co. (T/O & E 5-157) and Aviation Battalion (T/O & E 5-415A) to support their missions of field maintenance performance and parts supply to using units within the area. Guidance for computation of initial stock requirements is provided by set number columns 6 and 7.

h. Depot Maintenance Organizations Initial Stock Guide, Column 8. Initial stock quantities of repair parts for depot maintenance organizations consist of all parts required for depot maintenance of theater equipment for a period of 180 days. The quantity of parts for this time period is based upon the anticipated rebuild of a computed quantity of

major items against the total number of major items being supported. The figure 2/20 appearing in the column heading indicates that parts support is based upon rebuild of a computed number of 2 major items out of a total of 20 major items being supported.

Caution: Care must be exercised in computing repair parts quantities for rebuild of a greater number of major items, in that requirements for slow moving or insurance type parts may not necessitate a proportional increase in quantities of such parts. The assumption is made that field maintenance companies will perform only that maintenance for which they are authorized repair parts stockage. *Automatic initial issue of these repair parts will be made only when depot maintenance organizations are authorized for a theater.* Parts peculiar to depot maintenance operations will be requisitioned in accordance with paragraph 11b, AR 700 70.

i. Depot Initial Stock Guide, Column 9.

- (1) *Theater or base depots.* Initial stock quantities of repair parts for theater or base depots consist of all repair parts required to support organizational, field and depot maintenance of all Engineer equipment in the theater, except those parts peculiar to depot maintenance operations for which quantities do not appear in column 9. Initial quantities shown in this column are those necessary for a period of 1 year.
- (2) *Depots other than theater or base depots.* Initial stock quantities of repair parts for these depots will be obtained from the theater or base depot stock based upon a ratio established by the theater commander.

j. Symbols Used in Columns 9 through 7.

- (1) AR—Indicates parts which are to be requisitioned as required. Minimum stocks may be requisitioned on the basis of multiple usage experience.
- (2) %—Indicates parts which are authorized for use in the category of maintenance shown and which may be requisitioned when required. Stockage of such parts is not authorized.

k. Reference Symbols. Repair parts replacement code symbols provide information on the use and availability of repair parts according to their functional application. Identical items may be coded with different symbols in varying applica-

tions within one supply manual or in several manuals. For example, an item may be coded "J" (not an authorized item of supply) in one application and become a stock item in another application. This variation of stock and nonstock items may be indicated by any symbol.

- (1) H—Indicates obsolescent parts which are available for issue until stocks are exhausted.
- (2) J—Indicates parts which are not authorized items of supply.
- (3) NX—Indicates items which are determined to be nonexpendable.
- (4) Q—Indicates nonstock type items which will be procured only for authorized special requirements.
- (5) R—Indicates parts and assemblies which can be recovered. Replacement to using organizations will normally be made on an exchange basis. When this is not practical, items will be placed in maintenance channels for repair and reissue.
- (6) *—Indicates supply responsibility of a technical service other than the Corps of Engineers.
- (7) **—Provides cross-reference of a part in the functional grouping to—
 - (a) Standard Hardware Group, 9500.1.
 - (b) Parts Peculiar With More Than One Application, 9901.

3. Numerical Grouping.

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4. Abbreviations.

A	angle
adjtg	adjusting
B	ball
bevl(d)	bevel(ed)
brg(s)	bearing(s)
brkt(s)	bracket(s)
bsg	bushing
ed pltd	cadmium plated
chfr(ed)	chamfer(ed)
cnt	control
cont	contact
crk	crank
ctr(s)(ed)	center(s)(ed)
cvr	cover
cyldrl	cylindrical
D	deep/depth
deg	degree
dia	diameter
dr	drive
drlld	drilled
dwbr	drawbar
Eng	Engineer
frm	frame
frt	front
FS	Federal Specification
ft	foot or feet
GE	General Engineer. To be requisitioned through general engineer channel
grd(g)	ground(ing)
H	high/height
hd	head
hex	hexagon or hexagonal
hex hd	hexagon head
hsg	housing
hyd	hydraulic
id	inside diameter
ident	identification
in.	inch or inches (when required)
JAN	Joint Army Navy Specification
L	length/long
lb	pound or pounds
lh	left hand
lkwshr(s)	lockwasher(s)
lv	lever
matl	material
max	maximum
MIL	Military
MIL-STD	Military Standard
min	minimum
mtd	mounted
MWO	Modification Work Order
12N	American National 12-Pitch Thread
NC	National Coarse Thread Series
NF	National Fine Thread Series
No.	number

Nos.	numbers
NPT	American Standard Taper Pipe Threads
od	outside diameter
pln	plain
pnt(s)	point(s)
press.	pressure
psi	pounds per square inch
PTF	pipe thread for fuel
radi	radius
rd	round
ret	retainer
rh	right hand
rvrs	reverse
SAE	Society of Automotive Engineers
sec(s)	second(s)
semifshd	semifinished
sft	shaft
sgle	single
shk	shank
shldr	shoulder
SI	Tolerance Code, JANAF Std 102
skt	socket
sprg	spring
sq(d)	square(d)
std	standard
stght	straight
supt	support
T	thick/thickness
thd(ed)(s)	thread(ed)(s)
trans	transmission
tth	tooth/teeth
UN	Unified National Thread
UNC	Unified National Coarse Thread or Unified Coarse Thread.
UNF	Unified Fine Thread
unfshd	unfinished
unthded	unthreaded
vl	valve
W	wide/width
w/	with
wldg(ed)	welding(ed)
w/o	without
wshr(s)	washer(s)
wt	weight

5. Engineer and Manufacturers' Code Numbers.

226	Chicago Rawhide Mfg. Co., The.
806	Alemite Div., Stewart-Warner Corp.
902	Adams, J. D., Mfg. Co.
910	Federal Classes 08 through 40.
912	Federal Class 42.
913	Federal Class 43.
914	Federal Classes 44 through 78.

6. Engineer Stock Numbers. The index to Engineer stock numbers appearing in the back of this manual uses the sequence employed by the Cataloging Division, OASD (S & L). Under this system, arrangement begins with the extreme left or first character of the Engineer code number and continues from left to right through the entire stock number. First characters are listed in the following order:

First: Letters A through Z

Second: Numerals 0 through 9

Second and succeeding position precedence:

First: Space

Second: Diagonal (/)

Third: Period (.)

Fourth: Dash (-)

Fifth: Letters A through Z

Sixth: Numerals 0 through 9

Note. For the purpose of filing in the above sequence, the alphabetic "O" and numeric "0" (zero) are considered as numeric "0" (zero); alphabetic "I" will be alphabetic "I," and numeric "1" will be numeric "1."

7. Errors. Reports of errors or suggestions for changes should be submitted through appropriate channels to the Chief of Engineers, U. S. Army, Spare Parts Supply and Stock Control Office, 110 West Long Street, P. O. Box 119, Columbus 16, Ohio. ATTN: ENGDD.

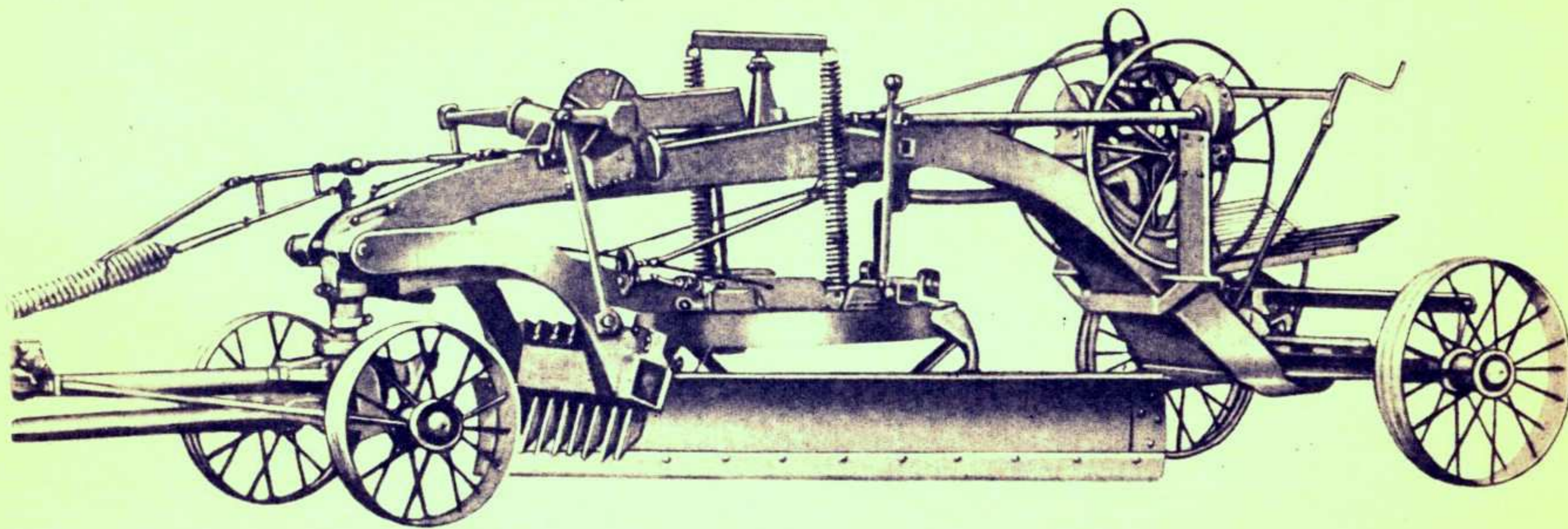


Figure 1. Grader, road: Adams Model 104.

FEDERAL STOCK NUMBER	ENGINEER STOCK NUMBER		MANUFACTURER'S PART NUMBER		DESCRIPTION	QUANTITY INCORPORATED IN UNIT ASSEMBLY	ORGANIZATIONAL ALLOWANCES			FIELD MAINTENANCE INITIAL STOCK GUIDE			DEPOT INITIAL STOCK GUIDE		REFERENCE SYMBOLS							
	CODE NO	PART NUMBER	CODE NO	PART NUMBER			USING UNITS	SPECIAL UNITS	FIELD MAINT CO	MAINT 90 DAYS	SUPPLY 1 YEAR	SET NUMBERS										
												0	1	2		3	4	5	6	7	8	9
												NUMBER OF MAJOR ITEMS SUPPORTED										
1	2-3	4-6	1	2-3	1	5	2/20	20														
					GROUP 10 - FRONT AXLE 1004.1 - WHEEL LEANING																	
	902	350548	902	350548	ANGLE BAR, front axle: frt	1	%	%	%	%	%	%	%			Q						
	902	350549	902	350549	ANGLE BAR, front axle: rear	1	%	%	%	%	%	%	%			Q						
	902	350550	902	350550	ANGLE BAR, front axle: vibrating	1	%	%	%	%	%	%	%			Q						
2530-162-8920	902	1946	902	1946	BALL, draft	1	%	%	%	%	%	%	%			Q						
3120-163-6904	902	661658	902	661658	BEARING, plain, self-aligning	2										**						
5305-430-5878	902	1P414	902	1P414	BOLT, machine: steel; 64,000 psi min yield strength; B-100 Rockwell hardness; unfsd; hex hd 7/16 H, 29/32 W across flats; 5/8-11UNC or NC-2A or 2, 1-1/2 thd L; drld for cotter pin, 1/4 dia of hole, 3/8 from thded end; 3 L	2	%	%	%	%	%	%	%	2	8							
	902	901044	902	901044	BOLT, machine: w/nut (See Stock Nos 913 43-6792.070.250 and 913 43-4445.070.100)	2										J**						
5305-424-5959	902	DA513	902	DA513	BOLT, shoulder: steel; tee hd, 13/32 H, 2-1/2 L, 2-1/4 W; 2 dia, 7-7/8 L; 1-1/4-12UNF or NF-2A or 2, 1-11/16 L; drld for cotter pin, 3/8 dia of hole, 9-1/2 from hd; 9-13/16 L	1	%	%	%	%	%	%	%	1	4							
5305-374-8198		5305-374-8198	902	DP828	BOLT, U: stub tongue	2	%	%	%	%	%	%	%	2	8							
3805-162-7643	902	AB1239	902	AB1239	CAP, spindle pivot bolt bearing	6										**						
3110-100-3588		3110-100-3588	902	DP1553	CONE AND ROLLERS, TAPERED ROLLER BEARING	2										**						
3010-424-6198	902	5A395	902	5A395	COUPLING, shaft, universal	4										**						
3010-424-6199	902	5A396	902	5A396	COUPLING, shaft, universal	1										**						
3010-424-5958	902	DA446	902	DA446	COUPLING, shaft, universal: w/pin	1	%	%	%	%	%	%	%			Q						
3110-100-0582		3110-100-0582	902	DP1554	CUP, TAPERED ROLLER BEARING	2										**						
2530-424-5968	902	DP1304	902	DP1304	DISK, thrust, roller bearing	1										**						
4730-256-4307		4730-256-4307	902	4P567	FITTING, LUBRICATION	9										**						
4730-010-9350	806	1612	902	4P568	FITTING, lubrication	1										**						
4730-010-9354	806	1613	902	350773	FITTING, lubrication	6										**						
	806	1638	902	KP805	FITTING, lubrication: hyd-type; 30-deg; 1/8 pipe thd; 2-1/8 L	1	1	1	2	1	1	2	4	1	10							
	902	826	902	826	GEAR, worm wheel	1										**						
3010-162-7644	902	AB1463	902	AB1463	HOUSING, worm gear	1										**						
3805-162-4613	902	1464	902	1464	HOUSING, worm gear	1										**						
5315-011-8000	912	42-5416.500.580	902	5P1575	KEY, Woodruff	1										**						
5310-424-6095	902	4P929	902	4P929	NUT, slotted, hexagon	2										**						
	902	DP621	902	DP621	PIN, straight, headed	10										**						
5315-010-3618	912	42-7100.050.200	902	DP734	PIN, taper	2										**						
2530-162-4614	902	1475	902	1475	RACK, gear, tilting	1										**						
5330-424-6026	902	152343	902	152343	SEAL, plain	1										**						
3040-424-6063	902	350751	902	350751	SHAFT, angle: frt leaning wheel cnt: L	1	%	%	%	%	%	%	%			Q						

	902	350750	902	350750	SHAFT, angle: frt leaning wheel cnt; short	1	%	%	%	%	%	%	%			0
	902	DP1116	902	DP1116	SHAFT, intermediate: frt leaning wheel cnt	1	%	%	%	%	%	%	%			0
	902	350802	902	350802	SHAFT, rear: frt leaning wheel cnt	1	%	%	%	%	%	%	%			0
	902	350749	902	350749	SHAFT, vertical: frt leaning wheel cnt	1	%	%	%	%	%	%	%			0
3020-162-7947	902	DP732	902	DP732	SHAFT AND SPUR GEAR	1										**
2530-162-4341	902	KA254	902	KA254	SHAFT AND WORM GEAR	1	%	%	%	%	%	%	%			0
2530-430-5884	902	1478	902	1478	SOCKET, draft ball: lower	1	%	%	%	%	%	%	%		1	4
2530-162-8134	902	1477	902	1477	SOCKET, draft ball: upper	1	%	%	%	%	%	%	%		1	4
5310-430-5936	902	350658	902	350658	SPACER, angle, front axle	2	%	%	%	%	%	%	%			0
5310-424-5969	902	DP1305	902	DP1305	SPACER, worm gear	2										**
	902	330216	902	330216	SPINDLE, wheel axle	1										**
2530-162-6584	902	330217	902	330217	SPINDLE, wheel axle	1										**
5310-424-6098	902	4P930	902	4P930	WASHER, flat	2										**
5310-220-6480	902	DP830	902	DP830	WASHER, flat: rd; steel; rd hole 1-9/32 dia; 2-3/4 od, 3/4 T	1	%	%	%	%	%	%	%		1	4
2530-162-6585	902	330219	902	330219	YOKE, front axle	1	%	%	%	%	%	%	%			QR
GROUP 11 - REAR AXLE 1104.5 - SIDE SHIFT AND WHEEL LEANING MECHANISM																
	902	350720	902	350720	ANCHOR, support angle	2	%	%	%	%	%	%	%			0
	902	330438	902	350594	ANGLE BAR, rear axle: frt	1	%	%	%	%	%	%	%			0
	902	330439	902	350595	ANGLE BAR, rear axle: rear	1	%	%	%	%	%	%	%			0
	902	350598	902	350598	ANGLE BAR, rear axle: vibrating	1	%	%	%	%	%	%	%			0
	902	330320	902	330320	ANGLE BAR, rear axle: vibrating; w/brkt	1	%	%	%	%	%	%	%			0
	902	350596	902	350596	ANGLE BAR, reinforcing, rear axle: frt	1	%	%	%	%	%	%	%			0
	902	350597	902	350597	ANGLE BAR, reinforcing, rear axle: rear	1	%	%	%	%	%	%	%			0
	902	152388	902	152388	BLOCK, blade stop (Used on GRADER, Model No. 104-S, only)	2	%	%	%	%	%	%	%			0
5305-430-5839	902	DP757	902	DP757	BOLT, machine: bevl gear hsg; w/nut and cotter pin	2	%	%	%	%	%	%	%		2	8
5305-430-5842	902	EP542	902	EP542	BOLT, machine: steel; 64,000 psi min yield strength; B-100 Rockwell hardness; unfsht; hex hd 7/16 H, 59/64 W across flats; 5/8-11UNC or NC-2A or 2, 1-1/2 thd L; drld for cotter pin, 1/4 dia of hole, 1/4 from thded end; 2-3/4 L	2	%	%	%	%	%	%	%		2	8
	902	900919	902	900919	BOLT, machine: w/nut (See Stock Nos 913 43-6792.050.150 and 913 43-4445.050.130)	4										J**
	902	900920	902	900920	BOLT, machine: w/nut (See Stock Nos 913 43-6792.050.170 and 913 43-4445.050.130)	5										J**
	902	900922	902	900922	BOLT, machine: w/nut (See Stock Nos 913 43-6792.050.200 and 913 43-4445.050.130)	5										J**
	902	901000	902	901000	BOLT, machine: w/nut (See Stock Nos 913 43-6792.060.200 and 913 43-4445.060.110)	6										J**
	902	901002	902	901002	BOLT, machine: w/nut (See Stock Nos 913 43-6792.060.250 and 913 43-4445.060.110)	2										J**
	902	901003	902	901003	BOLT, machine: w/nut (See Stock Nos 913 43-6792.060.270 and 913 43-4445.060.110)	3										J**
	902	901015	902	901015	BOLT, machine: w/nut (See Stock Nos 913 43-6777.060.650 and 913 43-4445.060.110)	6										J**

FEDERAL STOCK NUMBER	ENGINEER STOCK NUMBER		MANUFACTURERS PART NUMBER		DESCRIPTION	QUANTITY INCORPORATED IN UNIT ASSEMBLY	ORGANIZATIONAL ALLOWANCES			FIELD MAINTENANCE INITIAL STOCK GUIDE			DEPOT INITIAL STOCK GUIDE		REFERENCE SYMBOLS
	USING UNITS			SPECIAL UNITS			FIELD MAINT CO	MAINT 120 DAYS	SUPPLY 1 YEAR						
	SET NUMBERS										8	9			
	0	1	2	3			4	5	6	7	8	9	NUMBER OF MAJOR ITEMS SUPPORTED		
	1	2-3	4-6	1	2-3		1	5	2/20	20					
					1104.5 - SIDE SHIFT AND WHEEL LEANING MECHANISM (cont)										
	902	901044	902	901044	BOLT, machine: w/nut (See Stock Nos 913 43-6792.070.250 and 913 43-4445.070.100)	2									J**
	902	901062	902	901062	BOLT, machine: w/nut (See Stock Nos 913 43-6792.070.850 and 913 43-4445.070.100)	2									J**
5305-424-6061	902	350654	902	350654	BOLT, shoulder	1	%	%	%	%	%			1	4
	902	350724	902	350724	BRACE, housing support: lh	2	%	%	%	%	%				0
3805-162-6467	902	350723	902	350723	BRACE, housing support: rh	1	%	%	%	%	%				0
	902	330446	902	330446	BRACKET, blade: lh (Used on GRADER, Model No. 104-S, only)	1	%	%	%	%	%				0
	902	330445	902	330445	BRACKET, blade: rh (Used on GRADER, Model No. 104-S, only)	1	%	%	%	%	%				0
	902	350653	902	350653	BRACKET, vibrating link	1	%	%	%	%	%				0
3805-162-7643	902	AB1239	902	AB1239	CAP, spindle pivot bolt bearing	6									**
3110-100-3588		3110-100-3588	902	DP1553	CONE AND ROLLERS, TAPERED ROLLER BEARING	4									**
	902	4A449	902	4A449	COUPLING, shaft, universal	1									**
3010-424-6198	902	5A395	902	5A395	COUPLING, shaft, universal	3									**
2530-162-4340	902	DP745	902	DP745	COVER, housing	1	%	%	%	%	%				OR
	902	530391	902	530391	CRANK, control, side shift	1	%	%	%	%	%				0
3805-430-5847	902	KA505	902	KA505	CRANK, control, with handle	1	%	%	%	%	%				0
3110-100-0582		3110-100-0582	902	DP1554	CUP, TAPERED ROLLER BEARING	4									**
2530-424-5968	902	DP1304	902	DP1304	DISK, thrust, roller bearing	2									**
4730-010-9350	806	1612	902	4P568	FITTING, lubrication	2									**
4730-010-9354	806	1613	902	350773	FITTING, lubrication	4									**
4730-256-4307		4730-256-4307	902	4P567	FITTING, LUBRICATION	9									**
	902	336	902	336	GEAR, bevel	1	%	%	%	%	%			1	6
3020-424-5956	902	DA317	902	DA317	GEAR, bevel: leaning wheel cnt	1	%	%	%	%	%			1	6
	902	826	902	826	GEAR, worm wheel	2									**
2530-162-8834	902	DP1780	902	DP1780	HANDLE, crank: w/sprg ret	2	%	%	%	%	%				0
2530-162-8827	902	DA318	902	DA318	HOUSING, bevel gear: leaning wheel cnt	1	%	%	%	%	%				OR
3010-162-7644	902	AB1463	902	AB1463	HOUSING, worm gear	1									**
3805-162-4613	902	1464	902	1464	HOUSING, worm gear	2									**
3805-163-6813	902	1867	902	1867	HOUSING, worm gear: lower: frm side shift gear	1	%	%	%	%	%				OR
3805-162-6463	902	350646	902	350646	LINK, vibrating	1	%	%	%	%	%				0
5310-424-6095	902	4P929	902	4P929	NUT, slotted, hexagon	2									**
	902	DP993	902	DP993	PACKING, preformed	1									**
	902	DP621	902	DP621	PIN, straight, headed	9									**
5315-010-3616	912	42-7100.050.150	902	DP994	PIN, taper	1									**
5315-010-3618	912	42-7100.050.200	902	DP734	PIN, taper	4									**
2530-162-4615	902	1480	902	1480	RACK, gear, side shift	3	%	%	%	%	%				0

4730-010-9350	806	1612	902	4P568	FITTING, lubrication	1														**	
4730-010-9354	806	1613	902	350773	FITTING, lubrication	5															**
4730-256-4307		4730-256-4307	902	4P567	FITTING, LUBRICATION	5															**
3805-162-7993	902	4P1218	902	4P1218	HANDLE, steering wheel and transmission crank	1															**
2540-162-4321	902	152382	902	152382	LOCK, swivel, lunette (Used on GRADER, Model No. 104-S, only)	1	%	%	%	%	%		%	%				1		6	
2540-424-6033	902	1896	902	1896	LUNETTE, drawbar (Used on GRADER, Model No. 104-S, only)																
2540-163-2167	902	1855	902	1855	LUNETTE, hitch (Used on GRADER, Model No. 104, only)	1	%	%	%	%	%		%	%				1		4	
2540-430-5918	902	2275	902	2275	LUNETTE, tongue (Used on GRADER, Model No. 104-S, only)	1	%	%	%	%	%		%	%				1		4	
2540-162-4322	902	152383	902	152383	NUT, swivel lock (Used on GRADER, Model No. 104-S, only)	1	%	%	%	%	%		%	%				1		4	
5315-424-5993	902	DP623	902	DP623	PIN, straight, headed: steel; C-35 to C-40 Rockwell hardness; rd hd w/wrench flats 1/2 dia, 1/16 H; shk 0.3125 + 0.000 - 0.004 dia, 1.8903 grip L, 45-deg 1/32 L chfr, 1.820 effective L, 2-1/32 L under hd; drld shk	1	%	%	%	%	%		%	%				1		4	
5315-430-6096	902	551406	902	551406	PIN, straight, headed: steel; flat hd 2.370 min 2.375 max dia, 5/8 H; shk 1.620 min 1.625 max dia, 3-29/64 effective L, 5-11/16 L under hd; 45-deg 1/16 L chfr on brg surface of hd (Used on GRADER, Model No. 104, only)	1	%	%	%	%	%		%	%				1		4	
	902	351127	902	351127	PIN, straight, headed: steel; flat hd 2.932 min 2.937 max dia, 3/4 H; shk 2.120 min 2.125 max dia, 4.047 grip L, 3.812625 effective L, 6 L under hd (Used on GRADER, Model No. 104-S, only)	1	%	%	%	%	%		%	%				1		4	
	902	DP621	902	DP621	PIN, straight, headless	10															**
5315-430-5855	902	KP760	902	KP760	PIN, straight, headless: shear skt (Used on GRADER, Model No. 104, only)	1	%	%	%	%	%		%	%				1		6	
5315-424-5964	902	DP1176	902	DP1176	PIN, straight, headless: steel; rolled; 4-1/2 over-all L, 3/4 dia; both ends sq, both ends identical; both ends drld, 1/4 from ctr line of hole to end, 3/16 dia of hole	1	%	%	%	%	%		%	%				1		4	
5315-430-6097	902	551409	902	551409	PIN, straight, headless: steel; rolled; 5-3/4 over-all L, 1-1/4 dia; both ends sq, both ends identical; both ends drld, 11/32 from ctr line of hole to end, 1/4 dia of hole	1	%	%	%	%	%		%	%				1		4	
5315-424-6021	902	152278	902	152278	PIN, straight, headless: steel; rolled; 6-3/4 over-all L, 1-1/2 dia; both ends sq, both ends identical; both ends drld, 5/16 from ctr line of hole to end, 9/32 dia of hole (Used on GRADER, Model No. 104-S, only)	1	%	%	%	%	%		%	%				1		4	
5315-424-5996	902	DP853	902	DP853	PIN, straight, headless: steel; rolled; 7 over-all L, 1 dia; both ends sq, both ends identical; one end drld, 1/2 from ctr line of hole to end, 5/16 dia of hole	1	%	%	%	%	%		%	%				1		4	

FEDERAL STOCK NUMBER	ENGINEER STOCK NUMBER		MANUFACTURER'S PART NUMBER		DESCRIPTION	QUANTITY INCORPORATED IN UNIT ASSEMBLY	ORGANIZATIONAL ALLOWANCES			FIELD MAINTENANCE INITIAL STOCK GUIDE			DEPOT INITIAL STOCK GUIDE		REFERENCE SYMBOLS		
	CODE NO	PART NUMBER	CODE NO	PART NUMBER			USING UNITS			SPECIAL UNITS			MAINT (90 DAYS)	SUPPLY (YEAR)			
							1	2-3	4-6	1	2-3	5	6	7		8	9
NUMBER OF MAJOR ITEMS SUPPORTED																	
					1401 - STEERING ASSEMBLY (cont)												
5315-430-5962	902	424430	902	424430	PIN, straight, headless: steel; rolled; 7-1/16 over-all L, 1-1/2 dia; both ends sq, both ends identical; both ends drld, 3/8 from ctr line of hole to end, 13/32 dia of hole (Used on GRADER, Model No. 104-S, only)	1	%	%	%	%	%	%	%	1	4		
5315-430-5829	902	CRP105	902	CRP105	PIN, straight, headless: steering wheel	1	%	%	%	%	%	%	%	1	4		
2530-430-5923	902	330225	902	330447	PIPE, steerable tongue (Used on GRADER, Model No. 104-S, only)	1	%	%	%	%	%	%	%			0	
2530-430-5923	902	330225	902	330225	PIPE, steerable tongue (Used on GRADER, Model No. 104, only)	1	%	%	%	%	%	%	%			0	
2540-162-4323	902	152384	902	152384	PLUNGER, lunette bracket (Used on GRADER, Model No. 104-S, only)	1	%	%	%	%	%	%	%	1	4		
3805-162-8873	902	4P1221	902	4P1221	RETAINER, crank handle spring	1										**	
	902	350764	902	350764	SHAFT, control, steerable tongue: ctr	1	%	%	%	%	%	%	%			0	
3040-162-7568	902	330274	902	330274	SHAFT, control, steerable tongue: outer: L	1	%	%	%	%	%	%	%			0	
3040-162-6532	902	330279	902	330279	SHAFT, control, steerable tongue: outer: short	1	%	%	%	%	%	%	%			0	
	902	350804	902	350804	SHAFT, control, steerable tongue: rear	1	%	%	%	%	%	%	%			0	
3815-424-5981	902	DP1523	902	DP1523	SHAFT, control, steerable tongue: sq: L	1	%	%	%	%	%	%	%			0	
2530-424-6037	902	2P700	902	2P700	SHAFT, control, steerable tongue: sq: short	1	%	%	%	%	%	%	%			0	
3040-430-5831	902	DA392	902	DA392	SHAFT, control, steerable tongue: w/pins	1	%	%	%	%	%	%	%			0	
2540-162-9469	902	KP759	902	KP759	SOCKET, shear: tongue pin (Used on GRADER, Model No. 104, only)	1	%	%	%	%	%	%	%			0	
	902	351126	902	351126	SOCKET, shear (Used on GRADER, Model No. 104-S, only)	1	%	%	%	%	%	%	%			0	
5310-424-5988	902	DP1946	902	DP1946	SPACER, swinging loop post	1	%	%	%	%	%	%	%			0	
5340-248-4825		5340-428-4825	902	5P1455	SPRING, HELICAL, COMPRESSION: cyldrl shape; rh helix; sqd and grd ends; steel, 0.0469 dia; 1-5/8 free over-all L, 1/4 od (Used on GRADER, Model No. 104-S, only)	1	%	%	%	%	%	%	%	1	6		
5340-248-4805		5340-248-4805	902	425000	SPRING, HELICAL, COMPRESSION: cyldrl shape; rh helix; sqd and grd ends; steel, 0.054 dia; 1-3/8 free over-all L, 25/64 od (Used on GRADER, Model No. 104-S, only)	1	%	%	%	%	%	%	%	1	6		
5340-162-8828	902	DA401	902	DA401	SPRING, helical, extension: w/link; tongue hold-up	1	%	%	%	%	%	%	%	1	4		
2530-162-6538	902	330352	902	330352	STEERING WHEEL	1	%	%	%	%	%	%	%			OR	
	902	330291	902	330291	TONGUE, stub	1	%	%	%	%	%	%	%			0	
	902	330221	902	330221	TONGUE ASSEMBLY, stub: w/hsg and brkts	1	%	%	%	%	%	%	%			0	
3805-162-8012	902	D62	902	D62	YOKE, guiding arm: w/pin	1	%	%	%	%	%	%	%	1	4		
2540-162-8918	902	1856	902	1856	YOKE, tongue eye (Used on GRADER, Model No. 104, only)	1	%	%	%	%	%	%	%	1	4		

5340-162-4388	902	2274	902	2274	YOKE, tongue eye (Used on GRADER, Model No. 104-S, only)	1	%	%	%	%	%	%	%	1	4
					1405 - CHAINS, SPROCKETS, SHAFTS, GEARS, HOUSINGS										
3130-162-7704	902	661731	902	661731	CAP, adjusting, bearing	1									**
3120-162-4520	902	401047	902	401047	CAP, worm gear shaft bearing	1									**
3805-162-7703	902	671730	902	671730	CAP, worm gear shaft bearing	1	%	%	%	%	%	%	%		0
3040-424-5995	902	DP836	902	DP836	COLLAR, worm gear shaft	1	%	%	%	%	%	%	%		0
3110-100-3601		3110-100-3601	902	DP1551	CONE AND ROLLERS, TAPERED ROLLER BEARING	2									**
3010-162-7710	902	691408	902	691408	COVER, steering gear housing	1	%	%	%	%	%	%	%		OR
3805-162-9378	902	671729	902	671729	COVER, worm gear housing: w/plugs	1	%	%	%	%	%	%	%		OR
3110-100-0586		3110-100-0586	902	DP1552	CUP, TAPERED ROLLER BEARING	2									**
4730-010-9350	806	1612	902	4P568	FITTING, lubrication	1									**
4730-256-4307		4730-256-4307	902	4P567	FITTING, LUBRICATION	2									**
5330-163-6816	902	DP1330	902	DP1330	GASKET	1									**
5330-424-6065	902	350771	902	350771	GASKET	2									**
5330-424-6067	902	350778	902	350778	GASKET	2									**
5330-162-7574	902	350483	902	350483	GASKET: cvr; worm gear hsg	1	%	%	%	%	%	%	%	1	6
3020-424-5955	902	AB813	902	AB813	GEAR, worm	1									**
	902	1738	902	1738	GEAR, worm: pln; stght-type: steel; 5 thds, 20-deg press. A, 3.609 thd lead, rh, 60-deg 29 minutes 16 secs helix A; 2.315 + 0.000 - 0.010 od of gear, 2.030 + 0.000 - 0.005 pitch dia, 2.875 + 0.000 - 0.010 W of face; w/o brg, w/o bsg, stght bore, 0.9985 + 0.001 - 0.000 dia, 2.875 + 0.000 - 0.010 L through bore, w/l keyway 0.250 ± 0.001 W, 0.6082 min 0.6157 max from ctr of bore to bottom of keyway; w/o method of securing	1	%	%	%	%	%	%	%	1	4
3020-424-6045	902	350484	902	350484	GEAR, worm wheel	1	%	%	%	%	%	%	%	1	4
3020-162-6465	902	350652	902	350652	GEAR, worm wheel	1									**
3805-162-6586	902	330222	902	330222	HOUSING, steerable tongue gear	1	%	%	%	%	%	%	%		0
3010-162-7711	902	691727	902	691727	HOUSING, worm gear	1	%	%	%	%	%	%	%		0
5315-424-5986	902	DP1922	902	DP1922	KEY, machine: worm gear (Stock No. 912 42-5390.035.170 or GE 46-6186.500.035 can be substituted)	1	%	%	%	%	%	%	%	1	4 H
3805-424-6057	902	350543	902	350543	KEY, machine: worm wheel gear: steering gear hsg	1	%	%	%	%	%	%	%	1	4
5315-011-4745	912	42-5416.500.440	902	4P151	KEY, Woodruff	1									**
5315-011-7997	912	42-5416.500.510	902	425382	KEY, Woodruff	1									**
5315-424-6029	902	152357	902	152357	PIN, straight, headless: steel; rolled; 1-1/8 L, 0.3115 min 0.3125 max dia; both ends sq	1	%	%	%	%	%	%	%	1	4
	226	4003	902	DP1648	SEAL, plain, encased	1	%	%	%	%	%	%	%	2	10
	226	1501	902	350504	SEAL, plain, encased: steel case; 1 sft dia, 1.503 od, 25/64 W; chrome sealing element; w/sprg	1	%	%	%	%	%	%	%	2	10
3040-424-6027	902	152349	902	152349	SHAFT, worm gear	1	%	%	%	%	%	%	%		0
3040-424-6051	902	350528	902	350528	SHAFT, worm gear	1	%	%	%	%	%	%	%		0
	902	330223	902	330223	SHAFT, worm wheel gear	1	%	%	%	%	%	%	%		0
3040-424-6043	902	330366	902	330366	SHAFT, worm wheel gear: w/key	1	%	%	%	%	%	%	%		0
5310-424-6028	902	152356	902	152356	SPACER, adjusting, thrust bearing	1	%	%	%	%	%	%	%		0
5310-424-5970	902	DP1309	902	DP1309	SPACER, worm gear	2									**

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	CODE NO	PART NUMBER	CODE NO	PART NUMBER			USING UNITS			SPECIAL UNITS		FIELD MAINT CO	MAINT 180 DAYS	SUPPLY 1 YEAR					
							0	1	2	3	4	5				6	7	8	9
1	2-3	4-6	1	2-3		1	5	2/20	20										
					1405 - CHAINS, SPROCKETS, SHAFTS, GEARS, HOUSINGS (cont)														
5310-424-5971	902	DP1312	902	DP1312	SPACER, worm gear shaft	1									**				
	902	1969	902	1969	WASHER, thrust: worm gear sft	1	%	%	%	%	%		%	%	1 8				
					GROUP 15 - FRAME 1501 - FRAME ASSEMBLY														
	902	350578	902	350578	BEARING, front wheel tilting shaft	1	%	%	%	%	%		%	%	0				
430-5901	902	1868	902	1868	BEARING, lateral shift fulcrum	1	%	%	%	%	%		%	%	0				
3805-430-5930	902	350579	902	350579	BEARING, plain, sleeve: cnt rod; w/pin	1	%	%	%	%	%		%	%	0				
	902	350714	902	350714	BEARING, rocker bar support	1	%	%	%	%	%		%	%	0				
3805-430-5851	902	KP645	902	KP645	BLOCK, axle guide	2	%	%	%	%	%		%	%	0				
	902	350583	902	350583	BLOCK, bearing: lower; w/2 holes	1	%	%	%	%	%		%	%	0				
	902	350585	902	350585	BLOCK, bearing: lower; w/3 holes	1	%	%	%	%	%		%	%	0				
	902	351061	902	351061	BLOCK, handwheel lock (Used on GRADER, Model No. 104-S, only)	2	%	%	%	%	%		%	%	0				
	902	152245	902	152245	BLOCK, stop: swinging loop	1	%	%	%	%	%		%	%	0				
3805-127-6927	902	1677	902	1677	BOLSTER, front draft	1	%	%	%	%	%		%	%	0				
	902	900835	902	900835	BOLT, machine: w/nut (See Stock Nos 913 43-6792.040.130 and 913 43-4445.040.160)	2									J**				
	902	901003	902	901003	BOLT, machine: w/nut (See Stock Nos 913 43-6792.060.270 and 913 43-4445.060.110)	4									J**				
	902	330345	902	330345	BRACKET, fulcrum bearing: lh	1	%	%	%	%	%		%	%	0				
	902	330344	902	330344	BRACKET, fulcrum bearing: rh	1	%	%	%	%	%		%	%	0				
	902	152360	902	152360	BUTTON, plug, cover plate	1	%	%	%	%	%		%	%	0				
2530-163-6599	902	350582	902	350582	CAP, bearing: upper; w/2 holes	1	%	%	%	%	%		%	%	0				
	902	350584	902	350584	CAP, bearing: upper w/3 holes	1	%	%	%	%	%		%	%	0				
5310-430-6094	902	551348	902	551348	CLIP, rear axle	2	%	%	%	%	%		%	%	0				
	902	350831	902	350831	CLIP, rear axle: rh or lh	2	%	%	%	%	%		%	%	0				
4730-010-9350	806	1612	902	4P568	FITTING, lubrication	1									**				
4730-256-4307		4730-256-4307	902	4P567	FITTING, LUBRICATION	4									**				
	902	330337	902	330337	FRAME, main	1									OR				
	902	350846	902	350846	GUIDE, circle unlocking shaft	1	%	%	%	%	%		%	%	0				
	902	152408	902	152408	LOOP, loading: frt (Used on GRADER, Model No. 104-S, only)	2	%	%	%	%	%		%	%	0				
	902	351139	902	351139	LOOP, loading: rear (Used on GRADER, Model No. 104-S, only)	2	%	%	%	%	%		%	%	0				
	902	350829	902	350829	PLATE, carrier, rear axle	1	%	%	%	%	%		%	%	0				
	902	551488	902	551488	PLATE, cover, bolster	1	%	%	%	%	%		%	%	0				
	902	152291	902	152291	PLATE, draft	1	%	%	%	%	%		%	%	0				

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FEDERAL STOCK NUMBER	ENGINEER STOCK NUMBER		MANUFACTURER'S PART NUMBER		DESCRIPTION	QUANTITY INCORPORATED IN UNIT ASSEMBLY	ORGANIZATIONAL ALLOWANCES			FIELD MAINTENANCE INITIAL STOCK GUIDE			DEPOT INITIAL STOCK GUIDE		REFERENCE SYMBOLS		
	CODE NO	PART NUMBER	CODE NO	PART NUMBER			USING UNITS			SPECIAL UNITS		FIELD MAINT CO.	MAINT 180 DAYS	SUPPLY 1 YEAR			
							0	1	2	3	4	5	6	7		8	9
							NUMBER OF MAJOR ITEMS SUPPORTED										
1	2-3	4-6	1	2-3		1	5	2/20	20								
					7411.3 - CIRCLE REVERSE (cont)												
3010-424-6199	902	5A396	902	5A396	COUPLING, shaft, universal	2									00		
3805-162-8826	902	D299	902	D299	CRANK, adjusting, lift rod	1	%	%	%	%	%	%	%		OR		
4730-010-9350	806	1612	902	4P568	FITTING, lubrication	3									00		
4730-010-9354	806	1613	902	350773	FITTING, lubrication	6									**		
	806	1627	902	DP1597	FITTING, lubrication	1	1	1	2	1	2		2	6	2	20	
4730-256-4307		4730-256-4307	902	4P567	FITTING, LUBRICATION	3									**		
5330-163-2170	902	DP1416	902	DP1416	GASKET: trans hsg cvr	1	%	%	%	%	%	%	%	2	12		
5330-424-6048	902	350496	902	350496	GASKET: transfer hsg cvr	1	%	%	%	%	%	%	%	2	12		
3020-430-5833	902	DP1408	902	DP1408	GEAR, spur	1	%	%	%	%	%	%	%	1	4		
3020-430-6054	902	350533	902	350533	GEAR, spur: pin; sgle matl, steel; 18 tth, 14-1/2 deg press. A; 3.328 min 3.333 max od of gear, 3 pitch dia, 1.495 min 1.500 max W of face; w/o brg, w/o bsg, stght bore, 0.998 min 0.999 max dia, 1.495 min 1.500 max L through bore, w/l keyway, 0.249 min 0.251 max W, 0.608 min 0.6145 max from ctr of bore to bottom of keyway; w/o method of securing	2	%	%	%	%	%	%	%	1	4		
3020-430-5866	902	PP1061	902	PP1061	GEAR, spur: pin; sgle matl, steel; 24 tth, 14-1/2 deg press. A; 4.328 min 4.333 max od of gear, 4 pitch dia, 1/2 W of face; w/o brg, w/o bsg, stght bore, 1 min 1.002 max dia, 0.740 min 0.750 max L through bore, w/l keyway, 0.249 min 0.251 max W, 0.608 min 0.618 max from ctr of bore to bottom of keyway; w/o method of securing	3	%	%	%	%	%	%	%	2	8		
3020-162-7995	902	1682	902	1682	GEAR AND PINION, reverse: circle rvrs and transfer gear	1	%	%	%	%	%	%	%	1	4		
3805-162-7993	902	4P1218	902	4P1218	HANDLE, steering wheel and transmission crank	1									**		
3805-162-7567	902	130584	902	130584	HOUSING, reverse gear	1	%	%	%	%	%	%	%		OR		
2520-162-4381	902	2011	902	2011	HOUSING, transfer	1	%	%	%	%	%	%	%		OR		
2520-162-4611	902	1371	902	1371	HOUSING, transmission	1	%	%	%	%	%	%	%		OR		
5315-012-4551	912	42-5416.500.300	902	PP1080	KEY, Woodruff	3									**		
			902	PP1146	KEY (Supplied under Stock No. 913 42-5416.500.300)												
5315-011-4745	912	42-5416.500.440	902	4P151	KEY, Woodruff	2									**		
5315-011-8000	912	42-5416.500.580	902	5P1575	KEY, Woodruff	2									**		
3805-162-8915	902	1746	902	1746	LEVER, gear lock	1	%	%	%	%	%	%	%	1	1		
5310-424-6039	902	2P783	902	2P783	NUT, plain, round; steel; 1-5/8-12N-2; 1.531 min 1.537 max dia of hole, 2-5/8 od, 9/16 T; twelve 1/4 W by 7/32 D dr pnts	2	%	%	%	%	%	%	%	2	8		
	902	DP993	902	DP993	PACKING, preformed	2									**		
2530-162-6466	902	350667	902	350667	PAWL, lock, circle reverse gear	1	%	%	%	%	%	%	%	1	4		
	902	DP621	902	DP621	PIN, straight, headed	11									**		

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FEDERAL STOCK NUMBER	ENGINEER STOCK NUMBER		MANUFACTURER'S PART NUMBER		DESCRIPTION	QUANTITY INCORPORATED IN UNIT ASSEMBLY	ORGANIZATIONAL ALLOWANCES			FIELD MAINTENANCE INITIAL STOCK GUIDE				DEPOT INITIAL STOCK GUIDE		REFERENCE SYMBOLS		
	CODE NO	PART NUMBER	CODE NO	PART NUMBER			USING UNITS			SPECIAL UNITS		FIELD MAINT. CO.	MAINT 180 DAYS	SUPPLY 1 YEAR				
							1	2-3	4-6	1	2-3	SET NUMBERS		1	5		2/20	20
												3	4					
NUMBER OF MAJOR ITEMS SUPPORTED																		
					7411.5 - CIRCLE DRAWBAR SIDE SHIFT (cont)													
3110-100-0586		3110-100-0586	902	DP1552	CUP, TAPERED ROLLER BEARING	2										**		
4730-256-4307		4730-256-4307	902	4P567	FITTING, LUBRICATION	3										**		
5330-424-6065	902	350771	902	350771	GASKET	2										**		
3805-162-4346	902	KP624	902	KP624	GASKET	1										**		
3020-424-5953	902	AA813	902	AA813	GEAR, worm	1										**		
3805-430-5928	902	350475	902	350475	GEAR, worm wheel	1	%	%	%	%	%	%	%			Q		
	902	33053	902	330353	HANDWHEEL: lateral shift	1	%	%	%	%	%	%	%			Q		
3805-162-8914	902	1726	902	1726	HOUSING, worm gear: lateral shift	1	%	%	%	%	%	%	%			QR		
5315-011-7997	912	42-5416,500,510	902	DP1282	KEY, Woodruff	2										**		
3805-162-7997	902	1968	902	1968	LEVER, brake cam	1	%	%	%	%	%	%	%			Q		
5315-430-5941	902	350806	902	350806	PIN, handwheel hub	1	%	%	%	%	%	%	%	1	4			
5315-011-2052	902	522140	902	522140	PIN, straight, headless: steel; rolled; 1-1/8 over-all L, 3/16 dia; both ends sq	1	%	%	%	%	%	%	%	1	4			
5315-430-6046	902	5P1822	902	5P1822	PIN, straight, headless: steel; rolled; 1-3/4 over-all L, 1/2 dia; both ends sq, both ends identical; both ends drld, 3/16 dia hole, 3/16 from ctr line of hole to end, 1-3/8 ctr distance between holes	1	%	%	%	%	%	%	%	1	4			
5340-251-6151		5340-251-6151	902	350531	PLUG, EXPANSION: steel; 2.872 min 2.878 max od, 4-1/2 radi, 0.083 T	1										**		
	226	237116	902	350539	SEAL, plain, encased	1										**		
	226	375222	902	350502	SEAL, plain, encased: steel case; 2-11/16 sft dia, 3.756 od, 1/2 W; chrome leather sealing element; w/sprg	1	%	%	%	%	%	%	%	2	8			
3805-162-4516	902	350895	902	350895	SHAFT, worm gear	1	%	%	%	%	%	%	%			Q		
5310-424-5970	902	DP1309	902	DP1309	SPACER, worm gear	2	%	%	%	%	%	%	%			Q		
5310-424-5971	902	DP1312	902	DP1312	SPACER, worm gear shaft	1										**		
5340-248-4830		5340-248-4830	902	4P604	SPRING, HELICAL, COMPRESSION: cydrl shape; 4 complete coils, rh helix; sqd and grd ends; steel, 0.1055 dia; 3/4 free over-all L, 3/4 od, 17/32 id	1	%	%	%	%	%	%	%	1	6			
					7411.7 - CIRCLE DRAWBAR LIFT													
3805-354-9046	902	330202	902	330202	ARM, blade lift: w/brg	2	%	%	%	%	%	%	%			Q		
3805-162-6591	902	330266	902	330266	BAR, ball lifter equalizer	1	%	%	%	%	%	%	%			Q		
5305-430-5939	902	350733	902	350733	BOLT, machine: steel; 100,000 psi min yield strength; B-95 Rockwell hardness; unfsht; hex hd 21/32 H, 1-1/2 W across flats; 1-BUNC or NC-2A or 2, 1-5/16 thd L; 6-1/4 L	1	%	%	%	%	%	%	%	1	4			

	902	901054	902	901054	BOLT, machine: w/nut (See Stock Nos 913 43-6792.070.600 and 913 43-4445.070.100)	4													J**
	902	AB1483	902	AB1483	BRACKET, lift arm bearing: lower	2	%	%	%	%	%	%	%	%	%				Q
	902	671837	902	671837	BRACKET, lift arm bearing: upper	2	%	%	%	%	%	%	%	%	%				Q
3130-162-7700	902	661395	902	661395	CAP, lift gear housing bearing	2	%	%	%	%	%	%	%	%				Q	
3120-162-4520	902	401047	902	401047	CAP, worm gear shaft bearing	2												**	
3110-100-3601		3110-100-3601	902	DP1551	CONE AND ROLLERS, TAPERED ROLLER BEARING	4												**	
3805-162-7708	902	671693	902	671693	COVER, lift gear housing	2	%	%	%	%	%	%	%	%				QR	
3110-100-0586		3110-100-0586	902	DP1552	CUP, TAPERED ROLLER BEARING	4												**	
	806	1612	902	4P568	FITTING, lubrication	2												**	
4730-256-4307		4730-256-4307	902	4P567	FITTING, LUBRICATION	9												**	
3805-162-4346	902	KP624	902	KP624	GASKET	2												**	
5330-424-6065	902	350771	902	350771	GASKET	4												**	
3020-424-5953	902	AA813	902	AA813	GEAR, worm	1												**	
3020-424-5955	902	AB813	902	AB813	GEAR, worm	1												**	
3805-430-5926	902	350469	902	350469	GEAR, worm wheel: lift; lh	1	%	%	%	%	%	%	%	%			1	4	
3805-430-5927	902	350470	902	350470	GEAR, worm wheel: lift; rh	1	%	%	%	%	%	%	%	%			1	4	
	902	330264	902	330264	HANDWHEEL: blade lift	2	%	%	%	%	%	%	%	%				Q	
	902	350710	902	350710	HOOK, lifting spring	2	%	%	%	%	%	%	%	%				Q	
3805-162-8913	902	1725	902	1725	HOUSING, lift gear: rh or lh	2	%	%	%	%	%	%	%	%				QR	
3805-162-4326	902	330201	902	330201	HOUSING, lift, with support plate: lh	1	%	%	%	%	%	%	%	%				QR	
	902	330348	902	330348	HOUSING, lift, with support plate: rh	1	%	%	%	%	%	%	%	%				QR	
5315-430-5948	902	4P1128	902	4P1128	KEY, machine: steel; 3-1/2 over-all L, 0.625 ± 0.001 over-all H, 0.625 ± 0.001 over-all W	2	%	%	%	%	%	%	%	%			2	10	
5315-011-7997	912	42-5416,500,510	902	425382	KEY, Woodruff	4												**	
5340-162-7573	902	330423	902	330423	LOCK, handwheel: blade lift (Used on GRADER, Model No. 104-S, only)	2	%	%	%	%	%	%	%	%			2	8	
	902	350542	902	350542	PLATE, support, lift housing: lh	1	%	%	%	%	%	%	%	%				Q	
	902	350870	902	350870	PLATE, support, lift housing: rh	1	%	%	%	%	%	%	%	%				Q	
5340-251-6151		5340-251-6151	902	350531	PLUG, EXPANSION	2												**	
	226	237116	902	350539	SEAL, plain, encased	2												**	
3805-162-4359	902	350619	902	350619	SHAFT, worm gear	2	%	%	%	%	%	%	%	%			2	8	
5310-424-5970	902	DP1309	902	DP1309	SPACER, worm gear	4												**	
5310-424-5971	902	DP1312	902	DP1312	SPACER, worm gear shaft	2												**	
5340-248-4801		5340-248-4801	902	JP293	SPRING, HELICAL, COMPRESSION: cyldr shape; rh helix; sqd and grd ends; steel, 0.080 dia; 3-1/4 free over-all L, 11/16 id (Used on GRADER, Model No. 104-S, only)	2	%	%	%	%	%	%	%	%			2	12	
5340-430-5945	902	350880	902	350880	SPRING, helical, extension: cyldr shape; rh helix; hooked ends, 1-3/4 L from coil to inside of hook, hooks at 90-deg and ctred; chromium silicon steel, 0.6875 dia; 29 free L inside of hooks, 5-3/8 od; end of hook must extend into the sprg both ends 3-1/2	2	%	%	%	%	%	%	%	%			2	8	
3805-162-6593	902	330268	902	330268	YOKE, pivot	1	%	%	%	%	%	%	%	%			1	4	
7412.1 - SCARIFIER ASSEMBLY																			
3805-163-2153	902	DP1367	902	DP1367	BALL END, lift link: w/nut and wshr; scarifier block	2	%	%	%	%	%	%	%	%			1	4	

FEDERAL STOCK NUMBER	ENGINEER STOCK NUMBER		MANUFACTURER'S PART NUMBER		DESCRIPTION	QUANTITY INCORPORATED IN UNIT ASSEMBLY	ORGANIZATIONAL ALLOWANCES			FIELD MAINTENANCE INITIAL STOCK GUIDE			DEPOT INITIAL STOCK GUIDE		REFERENCE SYMBOLS					
	CODE NO	PART NUMBER	CODE NO	PART NUMBER			USING UNITS	SPECIAL UNITS	FIELD MAINT. CO.			MAINT 180 DAYS	SUPPLY 1 YEAR							
									SET NUMBERS											
									0	1	2			3		4	5	6	7	8
NUMBER OF MAJOR ITEMS SUPPORTED																				
											1	2-3	4-6	1	2-3	1	5	2/20	20	
7412.1 - SCARIFIER ASSEMBLY (cont)																				
	902	350656	902	350656	BAR, tooth lock	2	%	%	%	%	%	%	%	%				0		
	902	330265	902	330265	BLOCK ASSEMBLY, scarifier: w/dwbr	1	%	%	%	%	%	%	%	%				QR		
5305-424-5978	902	DP1433	902	DP1433	BOLT, machine: lifting link	8	%	%	%	%	%	%	%	%	8		24			
	902	901044	902	901044	BOLT, machine: w/nut (See Stock Nos 913 43-6792.070.250 and 913 43-4445.070.100)	8												J**		
	902	1688	902	1688	BRACKET, scarifier: lh	1	%	%	%	%	%	%	%	%				0		
	902	1687	902	1687	BRACKET, scarifier: rh	1	%	%	%	%	%	%	%	%				0		
3805-162-4338	902	DA588	902	DA588	CAP, lifting link: w/shims	4	%	%	%	%	%	%	%	%				0		
	806	1612	902	4P568	FITTING, lubrication	2												**		
4730-256-4307		4730-256-4307	902	4P567	FITTING, LUBRICATION	2												**		
3805-162-6594	902	330270	902	330270	KEY, tooth adjusting (Stock No. 902 429567 can be substituted)	7	2	4	6	2	4		4	8	7	49		H		
3830-162-4343	902	KA361	902	KA361	LINK, lifting link: w/shims	2	%	%	%	%	%	%	%	%				0		
	902	350657	902	350657	PLATE, end	2	%	%	%	%	%	%	%	%				0		
5305-430-5852	902	KP651	902	KP651	ROD, threaded end: steel; thded on both ends, 1-1/2-6UNC or NC-2A or 2, 1-7/8 thd L; drld for cotter pins, 3/8 dia of holes, 3/8 from end of rod to ctr of holes; 1-1/2 dia of unthded portion; 26-1/4 over-all L	1	%	%	%	%	%	%	%	%				0		
5310-162-8833	902	DP1658	902	DP1658	SHIM, lifting link	8	%	%	%	%	%	%	%	%	8		24			
3895-125-3015	902	KP1239	902	KP1239	TOOTH, scarifier (Stock Nos 902 351144 and 902 402656 can be substituted)	7	2	4	6	2	4		4	8	14	63		H		
7412.5 - SCARIFIER ACTUATING																				
	902	KP620	902	KP620	ARM, lift, scarifier	2	%	%	%	%	%	%	%	%				0		
3120-163-6904	902	661658	902	661658	BEARING, plain, self-aligning	1												**		
5305-424-6004	902	KP731	902	KP731	BOLT, machine: steel; 78,000 psi min yield strength; C-19 Rockwell hardness; unfshd; hex hd 19/32 H, 1-9/32 W across flats; 7/8-9UNC or NC-2A or 2, 2 L; furnished w/1 hex nut	4	%	%	%	%	%	%	%	%	4		16			
	902	901285	902	901285	BOLT, machine: w/nut (See Stock Nos 913 43-6792.100.300 and 913 43-4445.100.080)	8												J**		
3805-162-6590	902	330258	902	330258	BRACKET, lift shaft	1	%	%	%	%	%	%	%	%				0		
3130-162-7704	902	661731	902	661731	CAP, adjusting, bearing	1												**		
3120-162-4520	902	401047	902	401047	CAP, worm gear shaft bearing	1												**		
3110-100-3601		3110-100-3601	902	DP1551	CONE AND ROLLERS, TAPERED ROLLER BEARING	2												**		
3110-100-0723		3110-100-0723	902	350505	CONE AND ROLLERS, TAPERED ROLLER BEARING: sgle row; stght bore; normal A; 1.0000 bore dia; 0.7620 L, 3/64 back-face corner radi; ret-type; SI No. 2 tolerances; MIL-STD-102A, ident code 711-01986-3000	2	%	%	%	%	%	%	%	%	2		8			

054-2923	912	42-5390.070.350	902	DP1333	KEY, plain: single; 3/4 in. wide, 3/4 in. thick, 3-1/2 in. long (Stock No. GE 46-6186.500.070 can be substituted)	3	AR	AR	AR	AR	AR	AR	AR	3	18	H
054-2924	912	42-5390.070.370	902	KP730	KEY, plain: single; 3/4 in. wide, 3/4 in. thick, 3-3/4 in. long (Stock No. GE 46-6186.500.070 can be substituted)	2	AR	AR	AR	AR	AR	AR	AR	2	12	H
012-4551	912	42-5416.500.300	902	PP1080	KEY, Woodruff: nickel steel; single; No. A, 1/4 x 7/8 in.	4	AR	AR	AR	AR	AR	AR	AR	4	24	
			902	PP1146	KEY (Supplied under Stock No. 912 42-5416.500.300)											
011-4745	912	42-5416.500.440	902	4P151	KEY, Woodruff: nickel steel; single; No. 21, 1/4 x 1-1/4 in.	4	AR	AR	AR	AR	AR	AR	AR	4	24	
011-7997	912	42-5416.500.510	902	425382	KEY, Woodruff: nickel steel; single; No. 25, 5/16 x 1-1/2 in.	9	AR	AR	AR	AR	AR	AR	AR	10	50	
				DP1282	KEY (Supplied under Stock No. 912 42-5416.500.510)											
011-8000	912	42-5416.500.580	902	5P1575	KEY, Woodruff: nickel steel; single; No. 27, 1/4 x 2-1/8 in.	4	AR	AR	AR	AR	AR	AR	AR	4	24	
	913	43-4074.060.180	902	901553	NUT, castellated: FS FF-B-571; Type A-4; steel; semifinished; NF; hex; rh; 5/8 in.; 18 threads per in.	9	AR	AR	AR	AR	AR	AR	AR	4	24	
	913	43-4074.070.160	902	901563	NUT, castellated: FS FF-B-571; Type A-4; steel; semifinished; NF; hex; rh; 3/4 in.; 16 threads per in.	1	AR	AR	AR	AR	AR	AR	AR	1	4	
5310-266-0357	913	43-4164.060.110	902	901554	NUT, jam: regular; steel; semifinished; FS FF-B-571, grade 5; NC; hex; Type A; rh; 5/8 in.; 11 threads per in.	9	AR	AR	AR	AR	AR	AR	AR	4	24	
5310-266-0359	913	43-4164.070.100	902	901564	NUT, jam: regular; steel; semifinished; FS FF-B-571, grade 5; NC; hex; Type A; rh; 3/4 in.; 10 threads per in.	2	AR	AR	AR	AR	AR	AR	AR	1	4	
5310-266-0360	913	43-4164.100.080	902	901580	NUT, jam: regular; steel; semifinished; FS FF-B-571, grade 5; NC; hex; Type A; rh; 1 in.; 8 threads per in.	11	AR	AR	AR	AR	AR	AR	AR	6	32	
	913	43-4164.130.070	902	901596	NUT, jam: regular; steel; semifinished; FS FF-B-571, grade 5; NC; hex; Type A; rh; 1-1/4 in.; 7 threads per in.	6	AR	AR	AR	AR	AR	AR	AR	3	18	
496-8282	913	43-4164.150.060	902	901612	NUT, jam: regular; steel; semifinished; FS FF-B-571, grade 5; NC; hex; Type A; rh; 1-1/2 in.; 6 threads per in.	1	AR	AR	AR	AR	AR	AR	AR	1	4	
	913	43-4445.040.160	902	901518	NUT, regular: steel; black; semifinished; FS FF-B-571; NC; hex; Type A2; rh; 3/8 in.; 16 threads per in.	14	AR	AR	AR	AR	AR	AR	AR	7	42	
5310-266-0387	913	43-4445.050.130	902	901534	NUT, regular: steel; black; semifinished; FS FF-B-571; NC; hex; Type A2; rh; 1/2 in.; 13 threads per in.	38	AR	AR	AR	AR	AR	AR	AR	19	114	
5310-266-0389	913	43-4445.060.110	902	901550	NUT, regular: steel; black; semifinished; FS FF-B-571; NC; hex; Type A2; rh; 5/8 in.; 11 threads per in.	56	AR	AR	AR	AR	AR	AR	AR	28	168	
	913	43-4445.070.100	902	901560	NUT, regular: steel; black; semifinished; FS FF-B-571; NC; hex; Type A2; rh; 3/4 in.; 10 threads per in.	55	AR	AR	AR	AR	AR	AR	AR	27	162	

FEDERAL STOCK NUMBER	ENGINEER STOCK NUMBER		MANUFACTURER'S PART NUMBER		DESCRIPTION	QUANTITY INCORPORATED IN UNIT ASSEMBLY	ORGANIZATIONAL ALLOWANCES			FIELD MAINTENANCE INITIAL STOCK GUIDE				DEPOT INITIAL STOCK GUIDE		REFERENCE SYMBOLS	
	CODE NO	PART NUMBER	CODE NO	PART NUMBER			USING UNITS			SPECIAL UNITS		FIELD MAINT CO		MAINT 180 DAYS	SUPPLY 1 YEAR		
							0	1	2	3	4	5	6	7	8		9
							NUMBER OF MAJOR ITEMS SUPPORTED										
1	2-3	4-6	1	2-3		1	5	2/20	20								
					9500.1 - STANDARD HARDWARE AND PARTS (cont)												
5310-266-0391	913	43-4445.080.090	902	901568	NUT, regular: steel; black; semifinished; FS FF-B-571; NC; hex; Type A2; rh; 7/8 in.; 9 threads per in.	11	AR	AR	AR	AR	AR		AR	AR	5	30	
5310-266-0392	913	43-4445.100.080	902	901576	NUT, regular: steel; black; semifinished; FS FF-B-571; NC; hex; Type A2; rh; 1 in.; 8 threads per in.	10	AR	AR	AR	AR	AR		AR	AR	14	54	
	913	43-4460.040.160	902	901516	NUT, regular: steel; black; semifinished; FS FF-B-571; NC; sq; Type B2; rh; 3/8 in.; 16 threads per in.	2	AR	AR	AR	AR	AR		AR	AR	1	4	
5310-265-9217	913	43-4489.050.200	902	901535	NUT, regular: steel; black; semifinished; FS FF-B-571; NF; hex; Type A2; rh; 1/2 in.; 20 threads per in.	2	AR	AR	AR	AR	AR		AR	AR	1	4	
5310-266-0419	913	43-4600.050.130	902	901536	NUT, slotted: steel; black; semifinished; NC; hex; rh; 1/2 in.; 13 threads per in.	5	AR	AR	AR	AR	AR		AR	AR	2	12	
5310-266-0421	913	43-4600.060.110	902	901552	NUT, slotted: steel; black; semifinished; NC; hex; rh; 5/8 in.; 11 threads per in.	9	AR	AR	AR	AR	AR		AR	AR	4	24	
5310-266-0422	913	43-4600.070.100	902	901562	NUT, slotted: steel; black; semifinished; NC; hex; rh; 3/4 in.; 10 threads per in.	4	AR	AR	AR	AR	AR		AR	AR	2	12	
5310-266-0423	913	43-4600.080.090	902	901570	NUT, slotted: steel; black; semifinished; NC; hex; rh; 7/8 in.; 9 threads per in.	2	AR	AR	AR	AR	AR		AR	AR	1	4	
5310-266-0424	913	43-4600.100.080	902	901578	NUT, slotted: steel; black; semifinished; NC; hex; rh; 1 in.; 8 threads per in.	1	AR	AR	AR	AR	AR		AR	AR	1	4	
5310-266-0426	913	43-4600.130.070	902	901594	NUT, slotted: steel; black; semifinished; NC; hex; rh; 1-1/4 in.; 7 threads per in.	1	AR	AR	AR	AR	AR		AR	AR	1	4	
5310-266-0428	913	43-4600.150.060	902	901610	NUT, slotted: steel; black; semifinished; NC; hex; rh; 1-1/2 in.; 6 threads per in.	5	AR	AR	AR	AR	AR		AR	AR	2	12	
431-4360	913	43-4604.130.120	902	901595	NUT, slotted: steel; black; semifinished; NF; hex; rh; 1-1/4 in.; 12 threads per in.	1	AR	AR	AR	AR	AR		AR	AR	1	4	
010-3385	912	42-6880.100.100	902	902156	PIN, cotter: split; FS FF-P-386; steel; Type B; 1/8 x 1 in. (Stock No. 912 42-6880.100.200 can be substituted)	89	AR	AR	AR	AR	AR		AR	AR	89	334 H	
010-3356	912	42-6880.100.130	902	902158	PIN, cotter: split; FS FF-P-386; steel; Type B; 1/8 x 1-1/4 in. (Stock No. 912 42-6880.100.200 can be substituted)	7	AR	AR	AR	AR	AR		AR	AR	7	42 H	
010-3407	912	42-6880.200.100	902	902192	PIN, cotter: split; FS FF-P-386; steel; Type B; 3/16 x 1 in. (Stock No. 912 42-5416.200.200 can be substituted)	18	AR	AR	AR	AR	AR		AR	AR	18	108 H	
5315-010-3411	912	42-6880.200.200	902	902195	PIN, cotter: split; FS FF-P-386; steel; Type B; 3/16 x 2 in.	12	AR	AR	AR	AR	AR		AR	AR	12	72	
			902	902196	PIN (Supplied under Stock No. 912 42-6880.200.200)												

	912	42-6880.200.250	902	902197	PIN, cotter: split; FS FF-P-306; steel; Type B; 3/16 x 2-1/2 in. (Stock No. 912 42-6880.200.400 can be substituted)	2	AR	AR	AR	AR	AR	AR	AR	2	12	H
010-3422	912	42-6880.300.200	902	902213	PIN, cotter: split; FS FF-P-306; steel; Type B; 1/4 x 2 in. (Stock No. 912 42-6880.300.400 can be substituted)	2	AR	AR	AR	AR	AR	AR	AR	2	12	H
010-3424	912	42-6880.300.250	902	902214	PIN, cotter: split; FS FF-P-386; steel; Type B; 1/4 x 2-1/2 in. (Stock No. 912 42-6880.300.400 can be substituted)	1	AR	AR	AR	AR	AR	AR	AR	1	6	H
010-3426	912	42-6880.300.300	902	902216	PIN, cotter: split; FS FF-P-386; steel; Type B; 1/4 x 3 in. (Stock No. 912 42-6880.300.400 can be substituted)	1	AR	AR	AR	AR	AR	AR	AR	1	6	H
010-8668	912	42-6880.350.250	902	902231	PIN, cotter: split; FS FF-P-386; steel; Type B; 5/16 x 2-1/2 in. (Stock No. 912 42-6880.330.300 can be substituted)	1	AR	AR	AR	AR	AR	AR	AR	1	6	H
011-9198	912	42-6880.400.250	902	902248	PIN, cotter: split; FS FF-P-386; steel; Type B; 3/8 x 2-1/2 in. (Stock No. 912 42-6880.400.300 can be substituted)	7	AR	AR	AR	AR	AR	AR	AR	7	42	H
010-3616	912	42-7100.050.150	902	DP994	PIN, taper: steel; single; size No. 5, 0.289 in. large end dia, 1-1/2 in. long	1	AR	AR	AR	AR	AR	AR	AR	1	6	
010-3618	912	42-7100.050.200	902	DP734	PIN, taper: steel; single; size No. 5, 0.289 in. large end dia, 2 in. long	6	AR	AR	AR	AR	AR	AR	AR	6	36	
010-3628	912	42-7100.060.200	902	4P2536	PIN, taper: steel; single; size No. 6, 0.341 in. large end dia, 2 in. long	2	AR	AR	AR	AR	AR	AR	AR	2	12	
	910	08-4700.700.170	902	1P450	PLUG, expansion: standard-type; 1-3/4 in.	1	AR	AR	AR	AR	AR	AR	AR	2	12	
4730-187-4206	914	45-6040.500.001	902	903001	PLUG, pipe: cast iron; 125 lb pressure; FS WW-P-471; threaded; sq hd; black; Type I; 1/8 in.	4	AR	AR	AR	AR	AR	AR	AR	2	12	
187-4207	914	45-6040.500.003	902	903002	PLUG, pipe: cast iron; 125 lb pressure; FS WW-P-471; threaded; sq hd; black; Type I; 1/4 in.	7	AR	AR	AR	AR	AR	AR	AR	3	18	
010-3868	914	45-6040.500.005	902	903005	PLUG, pipe: cast iron; 125 lb pressure; FS WW-P-471; threaded; sq hd; black; Type I; 1/2 in.	7	AR	AR	AR	AR	AR	AR	AR	3	18	
010-4120	913	43-6353.040.190	902	902450	RIVET: steel; rd hd; 3/8 x 2 in.	1	AR	AR	AR	AR	AR	AR	AR	1	4	
019-3235	913	43-6353.070.251	902	902422	RIVET: steel; rd hd; 3/4 x 2-1/2 in.	16	AR	AR	AR	AR	AR	AR	AR	8	48	
5305-261-1847	913	43-6777.035.100	902	900023	SCREW, cap: steel; NC; hex hd; FS FF-S-85; Type II; style IOP; 5/16 in. dia, 1 in. long; 18 threads per in.	6	AR	AR	AR	AR	AR	AR	AR	3	18	
5305-261-1868	913	43-6777.040.100	902	900042	SCREW, cap: steel; NC; hex hd; FS FF-S-85; Type II; style IOP; 3/8 in. dia, 1 in. long; 16 threads per in.	60	AR	AR	AR	AR	AR	AR	AR	34	204	
5305-261-1869	913	43-6777.040.130	902	900044	SCREW, cap: steel; NC; hex hd; FS FF-S-85; Type II; style IOP; 3/8 in. dia, 1-1/4 in. long; 16 threads per in.	25	AR	AR	AR	AR	AR	AR	AR	12	72	
5305-261-1879	913	43-6777.040.300	902	900053	SCREW, cap: steel; NC; hex hd; FS FF-S-85; Type II; style IOP; 3/8 in. dia, 3 in. long; 16 threads per in. (Stock No. 913 43-6792.040.300 can be substituted)	2	AR	AR	AR	AR	AR	AR	AR	1	4	H
5305-261-1912	913	43-6777.050.150	902	900078	SCREW, cap: steel; NC; hex hd; FS FF-S-85; Type II; style IOP; 1/2 in. dia, 1-1/2 in. long; 13 threads per in.	2	AR	AR	AR	AR	AR	AR	AR	1	4	

FEDERAL STOCK NUMBER	ENGINEER STOCK NUMBER		MANUFACTURER'S PART NUMBER		DESCRIPTION	QUANTITY INCORPORATED IN UNIT ASSEMBLY	ORGANIZATIONAL ALLOWANCES			FIELD MAINTENANCE INITIAL STOCK GUIDE				DEPOT INITIAL STOCK GUIDE		REFERENCE SYMBOLS
	CODE NO	PART NUMBER	CODE NO	PART NUMBER			USING UNITS			SPECIAL UNITS		FIELD MAINT CO	MAINT 180 DAYS	SUPPLY 1 YEAR		
							1	2-3	4-6	1	2-3	1	5	2/20	20	
							SET NUMBERS									
0	1	2	3	4	5	6	7	8	9							
					9500.1 - STANDARD HARDWARE AND PARTS (cont)											
5305-261-1949	913	43-6777.060.150	902	900113	SCREW, cap: steel; NC; hex hd; FS FF-S-85; Type II; style 10P; 5/8 in. dia, 1-1/2 in. long; 11 threads per in. (Stock No. 913 43-6792.060.150 can be substituted)	8	AR	AR	AR	AR	AR	AR	AR	4	24	H
5305-268-6542	913	43-6777.060.170			SCREW, cap: steel; NC; hex hd; FS FF-S-85; Type II; style 10P; 5/8 in. dia, 1-3/4 in. long; 11 threads per in. (Stock No. 913 43-6792.060.170 can be substituted)	8	AR	AR	AR	AR	AR	AR	AR	4	24	H
	913	43-6777.060.250	902	350809	SCREW, cap: steel; NC; hex hd; FS FF-S-85; Type II; style 10P; 5/8 in. dia, 2-1/2 in. long; 11 threads per in.	7	AR	AR	AR	AR	AR	AR	AR	3	18	
5305-261-1964	913	43-6777.060.650			SCREW, cap: steel; NC; hex hd; FS FF-S-85; Type II; style 10P; 5/8 in. dia, 6-1/2 in. long; 11 threads per in.	6	AR	AR	AR	AR	AR	AR	AR	3	18	
5305-261-1965	913	43-6777.060.700	902	901017	SCREW, cap: steel; NC; hex hd; FS FF-S-85; Type II; style 10P; 5/8 in. dia, 7 in. long; 11 threads per in.	6	AR	AR	AR	AR	AR	AR	AR	3	18	
5305-261-1966	913	43-6777.060.800	902	901020	SCREW, cap: steel; NC; hex hd; FS FF-S-85; Type II; style 10P; 5/8 in. dia, 8 in. long; 11 threads per in.	4	AR	AR	AR	AR	AR	AR	AR	2	12	
5305-261-2001	913	43-6777.100.670			SCREW, cap: steel; NC; hex hd; FS FF-S-85; Type II; style 10P; 1 in. dia, 6-3/4 in. long; 8 threads per in.	1	AR	AR	AR	AR	AR	AR	AR	1	4	
5305-261-2005	913	43-6777.100.910			SCREW, cap: steel; NC; hex hd; FS FF-S-85; Type II; style 10P; 1 in. dia, 10 in. long; 8 threads per in.	2	AR	AR	AR	AR	AR	AR	AR	1	4	
5305-263-5783	913	43-6792.035.050	902	900019	SCREW, cap: steel; NC; hex hd; heat treated; 5/16 in. dia, 1/2 in. long; 18 threads per in.	6	AR	AR	AR	AR	AR	AR	AR	3	19	
5305-261-2764	913	43-6792.040.070	902	900040	SCREW, cap: steel; NC; hex hd; heat treated; 3/8 in. dia, 3/4 in. long; 16 threads per in.	4	AR	AR	AR	AR	AR	AR	AR	2	12	
5305-263-5787	913	43-6792.040.130			SCREW, cap: steel; NC; hex hd; heat treated; 3/8 in. dia, 1-1/4 in. long; 16 threads per in.	2	AR	AR	AR	AR	AR	AR	AR	1	4	
5305-268-5806	913	43-6792.040.200	902	900049	SCREW, cap: steel; NC; hex hd; heat treated; 3/8 in. dia, 2 in. long; 16 threads per in.	8	AR	AR	AR	AR	AR	AR	AR	4	24	
5305-263-4877	913	43-6792.050.130	902	900076	SCREW, cap: steel; NC; hex hd; heat treated; 1/2 in. dia, 1-1/4 in. long; 13 threads per in.	35	AR	AR	AR	AR	AR	AR	AR	17	102	
5305-268-5904	913	43-6792.050.150			SCREW, cap: steel; NC; hex hd; heat treated; 1/2 in. dia, 1-1/2 in. long; 13 threads per in.	4	AR	AR	AR	AR	AR	AR	AR	2	12	
5305-263-4878	913	43-6792.050.170			SCREW, cap: steel; NC; hex hd; heat treated; 1/2 in. dia, 1-3/4 in. long; 13 threads per in.	5	AR	AR	AR	AR	AR	AR	AR	3	18	

9901 - PARTS PECULIAR WITH MORE THAN ONE APPLICATION															
3120-163-6904	902	661658	902	661658	BEARING, plain, self-aligning	6	%	%	%	%	%	%	3	18	
3130-162-7704	902	661731	902	661731	CAP, adjusting, bearing	2	%	%	%	%	%	%		Q	
3805-162-7643	902	AB1239	902	AB1239	CAP, spindle pivot bolt bearing	12	%	%	%	%	%	%		Q	
3120-162-4520	902	401047	902	401047	CAP, worm gear shaft bearing	5	%	%	%	%	%	%		Q	
3110-100-3588		3110-100-3588	902	DP1553	CONE AND ROLLERS, TAPERED ROLLER BEARING: sgle row; sight bore; steep A; 1.0000 bore dia; 0.9550 L; 3/32 back-face corner radi; ret-type; SI No. 2 tolerances; MIL-STD-102A, ident code 711-41100-3000	6	%	%	%	%	%	%	6	24	
3110-100-3601		3110-100-3601	902	DP1551	CONE AND ROLLERS, TAPERED ROLLER BEARING: sgle row; sight bore; steep A; 1.5000 bore dia; 0.9330 L; 3/32 back-face corner radi; ret-type; SI No. 2 tolerances; MIL-STD-102A, ident code 711-44150-3000	10	%	%	%	%	%	%	10	40	
	902	4A449	902	4A449	COUPLING, shaft, universal	4	%	%	%	%	%	%	2	8	
3010-424-6198	902	5A395	902	5A395	COUPLING, shaft, universal	13	%	%	%	%	%	%	6	24	
3010-424-6199	902	5A396	902	5A396	COUPLING, shaft, universal	4	%	%	%	%	%	%	2	8	
3110-100-0582		3110-100-0582	902	DP1554	CUP, TAPERED ROLLER BEARING: sgle row; 2.8593 cup od; 0.6875 L; 1/16 back-face corner radi; SI No. 2 tolerances; MIL-STD-102A, ident code 711-41286-1000	6	%	%	%	%	%	%	6	24	
3110-100-0586		3110-100-0586	902	DP1552	CUP, TAPERED ROLLER BEARING: sgle row; 4.4843 cup od; 0.6875 L; 0.063 back-face corner radi; SI No. 2 tolerances; MIL-STD-102A, ident code 711-44348-1000	10	%	%	%	%	%	%	10	40	
2530-424-5968	902	DP1304	902	DP1304	DISK, thrust, roller bearing	3	%	%	%	%	%	%	3	18	
4730-010-9354	806	1613	902	350773	FITTING, lubrication: steel; cd pltd; hyd-type; 27/32 over-all L; 85-deg to 90-deg body A; 1/8-27NPT, male, 3/16 thd L (Stock No. 806 1613B can be substituted)	25	4	8	12	4	8	4	12	12	72 H
4730-256-4307		4730-256-4307	902	4P567	FITTING, LUBRICATION: steel; cd pltd; hyd-type; 41.64 over-all H; stem 17.64 L; 13/32 od; 1/8-27NPT, male, 7/32 thd L; B check vl, surface location	61	8	16	24	8	24	8	24	30	180
4730-010-9350	806	1612	902	4P568	FITTING, lubrication: steel; cd pltd; hyd-type; 7/8 over-all H; stem 1/4 L; 0.400 od; 67-1/2-deg body A; 1/8-27PTF-SAE, Dryseal, extra short, male, 3/16 thd L; B check vl, throat location (Stock No. 806 1612B can be substituted)	16	2	4	6	2	6	2	6	8	48 H
5330-424-6065	902	350771	902	350771	GASKET: brg cap	10	%	%	%	%	%	%		Q	
5330-424-6067	902	350778	902	350778	GASKET: brg cap	4	%	%	%	%	%	%	8	32	
3805-162-4346	902	KP624	902	KP624	GASKET: gear hsg cvr	3	%	%	%	%	%	%	6	24	
5330-163-6816	902	DP1330	902	DP1330	GASKET: hsg cvr; steerable tongue	2	%	%	%	%	%	%	4	16	
3020-424-5953	902	AA813	902	AA813	GEAR, worm: lateral shift; blade: lh	2	%	%	%	%	%	%	2	12	

FEDERAL STOCK NUMBER	ENGINEER STOCK NUMBER		MANUFACTURER'S PART NUMBER		DESCRIPTION	QUANTITY INCORPORATED IN UNIT ASSEMBLY	ORGANIZATIONAL ALLOWANCES			FIELD MAINTENANCE INITIAL STOCK GUIDE			DEPOT INITIAL STOCK GUIDE		REFERENCE SYMBOLS					
	CODE NO	PART NUMBER	CODE NO	PART NUMBER			USING UNITS	SPECIAL UNITS	FIELD MAINT CO			MAINT 180 DAYS	SUPPLY 1 YEAR							
									SET NUMBERS											
									0	1	2			3		4	5	6	7	8
NUMBER OF MAJOR ITEMS SUPPORTED																				
						1	2-3	4-6	1	2-3	1	5	2/20	20						
9901 - PARTS PECULIAR WITH MORE THAN ONE APPLICATION (cont)																				
3020-424-5955	902	AB813	902	AB813	GEAR, worm: pln; stght-type; steel; sgle thd, 20-deg press, A, 1.0472 thd lead, lh, 6-deg 20 minutes 30 secs helix A; 3.4175 + 0.000 - 0.005 od of gear, 3 pitch dia, 4.437 + 0.000 - 0.015 W of face; w/o brg, w/o bsg, stght bore, 1.501 + 0.000 - 0.001 dia, 4.437 L through bore, w/l keyway 0.3125 ± 0.001 W, 0.892 min 0.897 max from ctr of bore to bottom of keyway; w/o method securing (Stock No. 902 672451 can be substituted)	3	%	%	%	%	%	%	%	3	18 H					
3020-162-6465	902	350652	902	350652	GEAR, worm wheel	2	%	%	%	%	%	%	%	2	8					
	902	826	902	826	GEAR, worm wheel: rear leaning wheel; rh	3	%	%	%	%	%	%	%	3	18					
2530-162-4614	902	1475	902	1475	GEAR RACK: tilting	2	%	%	%	%	%	%	%		0					
3805-162-7993	902	4P1218	902	4P1218	HANDLE, steering wheel and transmission crank	2	%	%	%	%	%	%	%		0					
3010-162-7644	902	AB1463	902	AB1463	HOUSING, worm gear: lower	2	%	%	%	%	%	%	%		0R					
3805-162-4613	902	1464	902	1464	HOUSING, worm gear: upper	3	%	%	%	%	%	%	%		0R					
5310-424-6095	902	4P929	902	4P929	NUT, slotted, hexagon: steel; semifshd, wshr faced brg surface; 1-1/2-12UN or N-2B or 2, 2.250 + 0.000 - 0.075 W across flats, 1-1/4 over-all H	4	%	%	%	%	%	%	%	2	8					
	902	DP993	902	DP993	PACKING, preformed	3	%	%	%	%	%	%	%	6	24					
	902	DP621	902	DP621	PIN, straight, headed: steel; C-35 to C-40 Rockwell hardness; rd hd w/wrench flats 1/2 dia, 1/16 H; shank 0.3125 + 0.000 - 0.004 dia, 1.5783 grip L, 45-deg 1/32 L chfr, 1.508 effective L, 1-23/32 L under hd; drld shank	44	%	%	%	%	%	%	%	22	80					
5340-251-6151		5340-251-6151	902	350531	PLUG, EXPANSION: steel; 2.872 min 2.878 max od, 4-1/2 radi, 0.083 T	3	%	%	%	%	%	%	%	3	18					
3805-162-8873	902	4P1221	902	4P1221	RETAINER, crank handle spring	4	%	%	%	%	%	%	%	2	8					
5330-424-5998	902	DP973	902	DP973	RETAINER, packing	3	%	%	%	%	%	%	%	2	8					
	226	237116	902	350539	SEAL, plain, encased: steel case; 1-1/2 sft dia, 2.378 od, 1/2 W; chrome leather sealing element; w/sprg	3	%	%	%	%	%	%	%	6	24					
5330-424-6026	902	152343	902	152343	SEAL, plain: sft brg	3	%	%	%	%	%	%	%	6	24					
3020-162-7947	902	DP732	902	DP732	SHAFT AND SPUR GEAR	2	%	%	%	%	%	%	%	2	12					
5310-424-5969	902	DP1305	902	DP1305	SPACER, worm gear	6	%	%	%	%	%	%	%		0					
5310-424-5970	902	DP1309	902	DP1309	SPACER, worm gear	10	%	%	%	%	%	%	%		0					
5310-424-5971	902	DP1312	902	DP1312	SPACER, worm gear shaft: brg cap	5	%	%	%	%	%	%	%	5	30					
2530-162-6584	902	330217	902	330217	SPINDLE, front axle: lh	2	%	%	%	%	%	%	%		0					
	902	330216	902	330216	SPINDLE, front axle: rh	2	%	%	%	%	%	%	%		0					
5310-424-6096	902	4P930	902	4P930	WASHER, flat: rd; steel; casehardened; rd hole 1-17/32 dia; 3 od, 3/16 T	4	%	%	%	%	%	%	%	2	8					

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