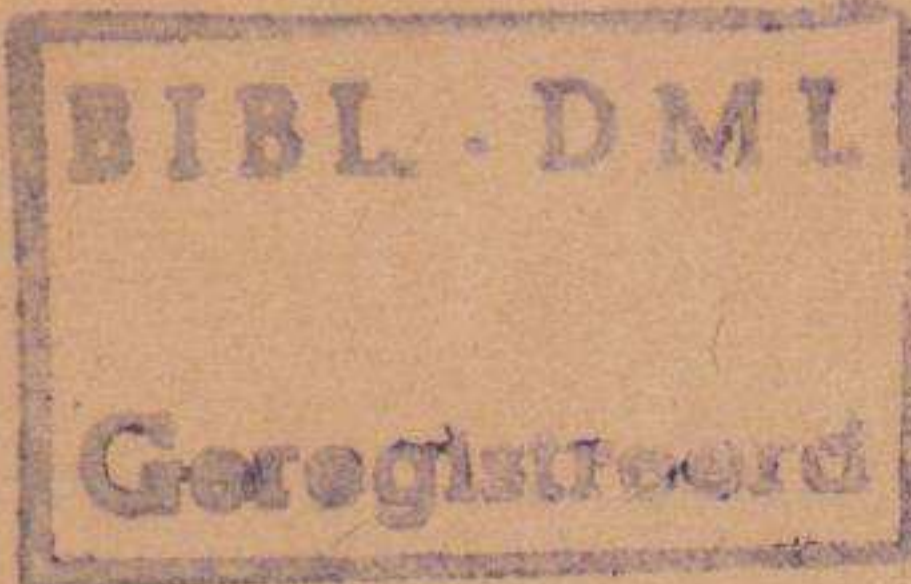


6. V44. g. WH. 0, 0/636

DEPARTMENT OF THE ARMY
SUPPLY CATALOG

ORD 8 SNL G-514



M5-23

GROUP G

FIELD AND DEPOT MAINTENANCE ALLOWANCES

FOR

**Truck, 6-ton, 6 x 6, Prime Mover, w / Winch
(White, Model 666, 1942-43-44)**

**Truck, 6-ton, 6 x 6, Cargo, w / Winch
(White, Model 666, 1942-43-44)**

**Truck, 6-ton, 6 x 6, Tractor, w / Winch
(White, Model 666, 1942-43-44)**

Supersedes the ORD 8 SNL G-514 portion of ORD 8 SNL G-512/G-514, 26 April 1949, including C1, 22 August 1950

Ref: TM 9-1813
9-1825A
9-1826C
9-1827A
9-1828A
9-1829A
9-1832A

THIS CATALOG IS CORRECT TO 24 OCTOBER 1951

DEPARTMENT OF THE ARMY

JANUARY 1952

ORD 8 SNL G-514

TRUCK, 6-TON, 6 X 6, PRIME MOVER, W/WINCH (WHITE, MODEL 666, 1942-43-44)
TRUCK, 6-TON, 6 X 6, CARGO, W/WINCH (WHITE, MODEL 666, 1942-43-44)
TRUCK, 6-TON, 6 X 6, TRACTOR, W/WINCH (WHITE, MODEL 666, 1942-43-44)

DEPARTMENT OF THE ARMY
WASHINGTON 25, D. C., 22 January 1952

Department of the Army Supply Catalog ORD 8 SNL G-514 is published for the information and guidance of all concerned.

[AG 461 (7 Nov 51)]

BY ORDER OF THE SECRETARY OF THE ARMY:

OFFICIAL:

WM. E. BERGIN
Major General, USA
The Adjutant General

J. LAWTON COLLINS
Chief of Staff, United States Army

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For explanation of distribution formula, see SR 310-90-1.

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MAJOR ITEMS

The Truck, 6-ton, 6 x 6, Prime Mover, w/winch (White, Model 666, 1942-43-44) ; Truck, 6-ton, 6 x 6, Cargo, w/winch (White, Model 666, 1942-43-44) ; and Truck, 6-ton, 6 x 6, Tractor, w/winch (White, Model 666, 1942-43-44) are stored, issued, and reviewed under ORD 3 SNL G-1. These major items are nonexpendable.

ORD 8 SNL G-514

KONINKLIJKE LANDMACHT

Wijz. nr 1N

INSPECTIE v.d. TECHNISCHE DIENST

GROUP G

FIELD AND DEPOT MAINTENANCE ALLOWANCES

FOR

TRUCK, 6-ton, 6x6, PRIME MOVER, w/WINCH
(White, Model 666, 1942-43-44)

TRUCK, 6-ton, 6x6, CARGO, w/WINCH
(White, Model 666, 1942-43-44)

TRUCK, 6-ton, 6x6, TRACTOR, w/WINCH
(White, Model 666, 1942-43-44)

Deze wijziging heeft betrekking op de ORD 8 SNL G-514,
dd. januari 1952

maart 1960

Vastgesteld bij beschikking van de Minister
van Defensie dd. 18 februari 1960 Hoofdkwar-
tier van de Generale Staf nr G4/60.0037/6 r

DIENSTGEHEIM

INSTRUCTIE: 1. Breng o.s. wijziging aan.

2. Teken voorin de SNL aan: "Wijziging nr 1N dd. maart 1960 aangebracht" (Paraaf en datum)

B1z. 242

8-G-620 Dit artikel geheel doorhalen.

=====

ORD 8 SNL G-514

KONINKLIJKE LANDMACHT

Wijziging nr.2N

INSPECTIE TECHN.DIENST

GROUP G

FIELD AND DEPOT MAINTENANCE ALLOWANCES

FOR

TRUCK, 6-ton, 6 X 6, PRIME MOVER, W/Winch
(WHITE, MODEL 666, 1942-43-44) enz.

Deze wijziging heeft betrekking op de ORD 8
SNL G-514 dd. Januari 1952

Maart 1962.

Vastgesteld bij beschikking van de Bevelhebber der
Landstrijdkrachten, dd 7 mei 1962, Kwartiermeester-
Generaal, nr Log/13.294/3 C.

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Teken voorin de SNL aan: "Wijziging nr 2N dd. Maart 1962 aangebracht"
(paraaf en datum)

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Dit artikel geheel doorhalen

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Dit artikel geheel doorhalen.

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XXXXXXXXXXXXXXXXXXXXXXXXXX

KONINKLIJKE LANDMACHT

TECHNISCHE DIENST

Wijziging 3N op ORD 8 SNL G-514, dd januari 1952
voor TRUCK, 6 ton, 6x6, PRIME MOVER, w/WINCH
(White, Model 666, 1942-43-44) enz.

- Instructie : 1. Breng de vermelde wijzigingen aan
2. Teken op pag 1 van de SNL aan, nummer en datum
van de wijziging

Blz. 111

Stocknr H015-0115273

Dit artikel geheel doorhalen en hiervoor in de plaats opnemen :

Kolom 2 : 6140-17-023-8176

Kolom 4 : BATTERIJ, LAADBAAR, lood-zwavelzuur, geladen 6V - 155 Ah

Kolom 5 : st

Kolom 6 : 2

Kolom 7 : 16, 8, 24

Kolom 8 : 3, 30

XXXXXXXXXX

Vastgesteld door de Inspecteur van de Technische Dienst bij briefnr ITD/Doc/52.444/3-L
dd. 8 februari 1966.
W.O. 601873

INTRODUCTION

1. GENERAL. *a.* This is a list of the estimated quantities of component parts and equipment for 6-ton 6 x 6 prime mover truck, w/winch (White, Model 666, 1942-43-44) ; 6-ton 6 x 6 cargo truck, w/winch (White, Model 666, 1942-43-44) ; and 6-ton 6 x 6 tractor truck, w/winch (White, Model 666, 1942-43-44) stocked for maintenance and rebuild.

b. The Federal Item Identification Numbers listed in column (2) are those numbers approved by the Munitions Board Cataloging Agency and are identified by the superior note.¹⁷ These numbers should not be confused with Federal stock numbers utilized by the Ordnance Corps for tools, lubricants, etc.

c. An explanation of reference symbols used throughout this catalog is included under NOTES.

d. Additional applications of items listed in this publication, if any, are contained in the Department of the Army Supply Catalog ORD 5-5.

e. If stock numbers in this list do not correspond with those used in ORD 9, List of All Service Parts for those items, the stock numbers in this list will govern.

f. Classification codes for Federal stock numbers listed herein are published in ORD 5-2.

g. For prices of items contained herein, see the appropriate catalog of the ORD 5-3 series.

h. For full information relative to the Ordnance section of the Department of the Army Supply Catalog, including its purposes and uses, the procedure followed, and the principles employed in its compilation, see ORD 1.

2. REQUISITION NOTES. *a.* If the exact item requisitioned is not furnished or other action is necessary, the nature of the action taken by the supplying agency will be indicated on prescribed forms by standard symbols.

b. When requisitioning an item containing the note "Issue until stock is exhausted, then use," the requisitioning agency will requisition the *superseding* item. Supplying agencies will take necessary action to issue the *superseded* item until stock is exhausted whether it be an individual item, kit, set, or assembly.

3. UNIT OF ISSUE. The Unit of Issue column lists the unit used for each item. This may be in the form of an actual unit of issue, such as "oz," "lb," etc., or merely by the use of "each" designated by "ea."

4. QUANTITY INCORPORATED IN UNIT. The Quantity Incorporated in Unit column lists the actual quantity of the part required for the particular use indicated.

5. FIELD STOCK GUIDE. *a.* The Field Stock Guide column lists the quantities of spare parts and equipment to be used as a stock guide for medium and heavy maintenance organizations and field depots.

b. In order that the Ordnance Corps at large may be able to make equitable distribution of the total stock of any one item, ordnance organization commanders should limit their requisitions and stocks to the *absolute minimum requirements* that are estimated to be necessary for *each* contemplated tactical operation. The chief ordnance officer of a force is responsible that various ordnance units in the force do *not* use this *same* number of major items in computing their stocks ; e.g., if there is a grand total of 168 trucks in the entire force, each ordnance unit in the force should not claim the entire 168 trucks as a basis for computing its stocks. The chief ordnance officer must allocate, for spare parts stockage purposes, the number of major items of the force among the various ordnance units. See paragraphs 150 through 157 FM 9-10.

6. DEPOT GUIDE. The Depot Guide column lists the quantities of spare parts and equipment estimated to be required for 1 year's maintenance of 100 major items.

For explanation of footnotes, see NOTES, page 244.

7. INITIAL STOCKAGE GUIDE. *a.* The Initial Stockage Guide column lists the quantity of parts required to rebuild 100 major assemblies included in the major item and also the quantity of parts required to rebuild 100 major items.

b. Quantities reflected in Initial Stockage Guide column and *not* reflected in Field and Depot columns indicate that the items are normally required by and issued *only* to establishments engaged in rebuild.

8. PLAN FOR MAINTENANCE. Maintenance operations to be performed in each category of maintenance are indicated by the availability of spare parts as shown in a particular column or by a symbol signifying authority to requisition them for use in that category of maintenance.

9. MAJOR ITEM DESIGNATION. The major items covered by this catalog are designated as general purpose vehicles, as defined in AR 700-105.

10. COMPONENTS OF KITS, SETS AND ASSEMBLIES. Whenever any doubt might exist as to what items are included as components of kits, sets, or assemblies, an explanatory note or complete listing of such components is shown.

11. INTERCHANGEABILITY OF COMPONENTS. The engine and transmission assemblies listed in this catalog are identical with those used on the truck, 6-ton, 6 x 6, cargo (Treadway) w/winch (bridge erecting) (White, Model 666E) covered in SNL G-690.

12. ATTACHING PARTS. Attaching parts, such as bolts, nuts, rivets, screws, washers, etc., are indented immediately under the item which they attach. Attaching parts for any attached item not procured will be found listed under their proper alphabetical listing in the appropriate group, but they will not be indented. Whenever two similar items having the same attaching parts, such as front and rear oil seal retainers, are listed, they are placed one immediately following the other and the attaching parts for both are covered by a single listing under the second item.

13. STANDARD HARDWARE AND BULK MATERIAL. Ordnance standard hardware and bulk material (except such items as BATTERIES; electrical material; BEARINGS; and oil SEALS) applicable to these major items are summarized in subgroups 2304.1 and 2304.2 with all procurement quantities indicated.

14. DEFINITION OF LOCATIONAL TERMS. All like parts which are not interchangeable are designated *left* or *right* with respect to the vehicle when it is viewed from the rear facing forward. The front of the vehicle is the direction faced by the driver. All engine parts, *left* or *right*, *front* or *rear*, are designated from a position at the rear of the engine facing forward. The flywheel end of the engine is the rear.

15. NOMENCLATURE. *a.* Items appearing within a subgroup that lists components of and/or items related to only one assembly automatically assume as part of their official nomenclature the title of the pertinent subgroup. (Example—"BRACKET, mounting" is an entry in subgroup 0611. The complete nomenclature of the item is "BRACKET, mounting, horn," "Horn" being the subgroup title.)

b. Items appearing within a subgroup that lists *more than one* assembly or *more than one* group of related items, are listed with their complete nomenclature. (Example—"STUD, pressure plate" is an entry in subgroup 0201. The complete nomenclature of the item is as shown while the title of the subgroup is "Disk and Pressure Plate.")

16. HOW TO FIND PARTS. This catalog is arranged and cross-indexed so that parts can be found easily even though only one of the several identifying factors is known. The various ways in which parts can be located are as follows:

a. If the nomenclature (basic noun-name) is known, and the subgroup is not, refer to the alphabetical index in the back of the catalog. This index will give the subgroup in which the part is listed. As the part names are arranged in alphabetical order within this subgroup, the complete listing of the part can readily be found. Exceptions are for vehicular tools and equipment and general use standard parts which are summarized in their own respective subgroups.

b. If any one of the part numbers—ordnance, manufacturer's, or stock—is known, refer to the appropriate numerical index in the back of the catalog. These indexes will give the subgroup number in which the part can be found by following the procedure given in *a* above, with same exceptions.

17. INDEXES. Complete indexes, alphabetical and numerical in that order, are to be found at the back of the catalog. These indexes and contents are explained in brief at the beginning of the indexes.

18. STOCK NUMBERS. The prefix letter and number of the stock number (i.e., G104, G103, or G167) usually signifies that the particular part or component was originally coded under the major item designation for that SNL, and does NOT mean that the part is used ONLY in that major item. All subsequent lists for different vehicles will include the same stock number for this same part.

19. STANDARD GOVERNMENT GROUPING. The parts listed in this catalog are arranged by groups and subgroups and alphabetically within these subgroups. Parts are grouped primarily on the basis of their function rather than location. This arrangement facilitates identification and selection of parts. Refer to paragraph 16.

01—ENGINE

- 0100 Engine Assembly
- 0101 Cylinder Heads and Blocks
- 0102 Crankshaft
- 0103 Flywheel
- 0104 Pistons and Connecting Rods
- 0105.1 Valves
- 0105.2 Tappets
- 0105.3 Camshaft
- 0105.5 Timing Gears
- 0106.1 Oil Pump
- 0106.2 Oil Filters
- 0106.5 Crankcase Breather and Filler
- 0106.6 Oil Pan, Lines, and Fittings
- 0108 Intake and Exhaust Manifolds
- 0109 Accessory Drive

02—CLUTCH

- 0200 Housing
- 0201 Disk and Pressure Plate
- 0202 Clutch Release Mechanism

03—FUEL SYSTEM

- 0301.1 Carburetor (Hercules Model HXC)
- 0301.3 Carburetor (Hercules Model HXD)
- 0302.1 Fuel Pump (2 Valve)
- 0302.3 Fuel Pump (6 Valve)
- 0304 Air Cleaner
- 0306 Tanks, Lines, and Fittings
- 0308.1 Governor (Hercules Model HXC)
- 0308.3 Governor (Hercules Model HXD)
- 0309 Fuel Filter
- 0312 Accelerator, and Throttle and Choke Controls

04—EXHAUST SYSTEM

- 0401 Muffler, and Exhaust and Tail Pipes

05—COOLING SYSTEM

- 0501 Radiator
- 0502 Radiator Shroud
- 0503 Lines, Fittings, Hoses, Pipes, and Thermostat.
- 0504 Water Pump
- 0505 Fan

06—ELECTRICAL SYSTEM

- 0601 Generator
- 0602 Generator Regulator
- 0603 Starter
- 0604.1 Distributor
- 0605 Ignition Coil, Wiring, and Spark Plugs.
- 0607 Instrument Panel
- 0608 Miscellaneous Switches and Junction Boxes
- 0609.1 Head, Tail, and Marker Lights
- 0610 Sending Unit
- 0611 Horn
- 0612 Batteries
- 0613.1 Chassis Wiring Harnesses
- 0615 Radio Suppression
- 0617 Trailer Couplings (Electric)

07—TRANSMISSION

- 0700 Transmission Assembly
- 0701 Case
- 0702.1 Input Shaft
- 0702.3 Main Shaft
- 0702.5 Reverse Idler Shaft and Countershaft
- 0704 Top Cover, Shifter Shafts, Gear Shift Lever, and Forks.

08—TRANSFER

- 0800 Transfer Assembly
- 0801 Case
- 0802.1 Input Shaft
- 0802.3 Idler Shaft
- 0802.5 Front Axle Output Shaft
- 0802.7 Rear Axle Output Shaft
- 0804 Shifter Shafts, Levers, and Forks

09—PROPELLER SHAFT AND UNIVERSAL JOINTS

- 0900.1 Propeller Shaft and Universal Joints
(Transmission to Transfer).
- 0900.2 Propeller Shaft and Universal Joints
(Transfer to Front Axle).
- 0900.3 Propeller Shaft and Universal Joints
(Transfer to Forward Rear Axle).
- 0900.4 Propeller Shaft and Universal Joints
(Forward Rear to Rear Rear Axle).

10—FRONT AXLE

- 1000 Front Axle Assembly
- 1001 Housing
- 1002 Differential
- 1004 Steering Knuckles, Arms, and Flanges
- 1005.5 Ventilation
- 1006 Shafts, Universal Joints, and Flanges

11—REAR AXLE

- 1100 Rear Axle Assembly
- 1101 Housing
- 1102 Differential
- 1104.1 Shafts
- 1105.5 Ventilation

12—BRAKES

- 1201 Hand Brakes
- 1202 Service Brakes
- 1206 Pedals and Slack Adjusters
- 1208.1 Air System—Lines and Fittings
- 1208.3 Brake Chambers, Diaphragms, and Valves
- 1209.1 Air Compressor Assembly
- 1209.3 Air Reservoir
- 1211 Trailer Brake Connections and Controls

13—WHEELS, HUBS, AND DRUMS

- 1311.1 Wheel Assembly (Equipped with
10.00-22 Tires).
- 1311.3 Wheel Assembly (Equipped with
14.00-20 Tires, 20 Ply).
- 1311.5 Wheel Assembly (Equipped with
14.00-20 Tires, 12 Ply).
- 1313.1 Tires and Tube (10.00-22)
- 1313.3 Tires, Tubes, and Beadlock
(14.00-20 Tires).
- 1313.5 Tires, Tubes, Beadlock
(14.00-20 Tires, 12 Ply).

14—CONTROLS

- 1401.1 Steering Drag Link
- 1401.3 Steering Tie Rod
- 1401.5 Steering Gear

15—FRAME AND BRACKETS

- 1503 Towing Pintles
- 1506 Fifth Wheel

16—SPRINGS AND SHOCK ABSORBERS

- 1601.1 Front Springs
- 1601.3 Rear Springs
- 1604 Shock Absorbers
- 1605 Torque Rods

17—HOOD, FENDERS, AND RUNNING BOARDS

- 1701 Fenders and Running Boards
- 1703 Hood

18—BODY AND CAB

- 1803.1 Cab Doors
- 1804 Windshield and Glass
- 1806 Seats
- 1808 Tool Box
- 1810 Cargo Body

20—WINCH AND POWER-TAKE-OFF

- 2001.11 Winch (Tulsa)
- 2001.13 Winch (Gar Wood)
- 2001.5 Winch Controls
- 2002.1 Power-Take-Off
- 2002.5 Power-Take-Off Controls

21—BUMPERS AND GUARDS

- 2101 Bumpers and Guards

22—MISCELLANEOUS ACCESSORIES

- 2201 Canvas Items, Bows, and Curtains
- 2202 Windshield Wiper, Rear View Mirror, and
Reflectors.
- 2208.1 Speedometer
- 2208.2 Tachometer
- 2210 Vehicular Data Plates

23—GENERAL USE STANDARDIZED PARTS

- 2304.1 Standard Hardware, Etc.
- 2304.2 Bulk Material

26—TOOLS AND EQUIPMENT

- 2602 Vehicular Tools and Equipment
- 2605 Organizational Tools

20. ABBREVIATIONS. The following abbreviations appear in this catalog:

adj.....adjust, adjusting, adjustable
 alloy-S.....alloy steel
 amp.....ampere
 amp-hr.....ampere hour
 assy.....assembly

AWG.....American Wire Gage
 b-hd.....button head
 bay.....bayonet (lamp base)
 br.....brass
 brg.....bearing

bz bronze
 cand-bay-base candelabra bayonet base
 cap capacity
 cd cadmium
 cd-pltd cadmium-plated
 ck countersunk
 cold-fin-S cold finished steel
 comb combination
 comp complete
 cone-pt cone point
 cop copper (cuprum)
 corr-res-S corrosion resistant steel
 cp candlepower
 cross-recess-pan-hd cross recess pan head
 cup-pt cup point
 dble double
 dble-contact double contact
 dble-ear double ear
 dble-hd double head
 dble-tun-fil double tungsten filament
 deg degree (angle)
 diam diameter
 dld-f/c-pin drilled for cotter pin
 dld-f/lkg-wire drilled for locking wire
 dog-pt dog point
 DR double row
 eccentric-hd eccentric head
 elec electric, electrician or electrical
 fig figure
 fil filament
 fil-hd fillister head
 fl-hd flat head
 fluted-taper-pt fluted taper point
 ft foot (or feet)
 ga gage
 gal gallon
 gimlet-pt gimlet point
 glvd galvanized
 hanger-pt hanger point
 hdl handle or handled
 hdls headless
 hex hexagonal
 hex-hd hexagon head
 hex-socket hexagon socket
 hor horizontal
 ht height
 hv heavy
 hv-duty heavy duty
 ID inside diameter (dimension)
 in inch, inches
 incand incandescent
 JAN Joint Army Navy
 jt joint
 lb pound(s)
 lg long
 lgh length
 LH left hand
 lubr lubricator, lubricating, or lubrications
 mach machine
 maint maintenance
 max maximum
 med medium
 mfr's manufacturer's

MI malleable iron
 min miniature
 min minimum
 mm millimeter
 N National Form Thread
 NC National Coarse Thread
 needle-pt needle point
 NF National Fine Thread
 ni-pltd nickel plated
 ni-S nickel steel
 No number
 NPT National Taper Pipe Thread
 NS National Form Thread, Special Pitch
 oct octagon
 OD outside diameter (dimension)
 od olive drab
 opng(s) opening, openings
 oval-hd oval head
 oxide-ctd oxide coated
 oz ounce(s)
 p-bz phosphor bronze
 phos-ctd phosphate coated
 pltd plated
 psi pounds per square inch
 rad radius or radial
 rd round
 rd-hd round head
 reg regular
 RH right hand
 ru rubber
 S steel
 SAE Society of Automotive Engineers
 sec section
 seez-pruf-thd-ctd seize proof thread coated
 s-fin semifinished
 sgle single
 sgle-contact single contact
 sgle-end single end
 sgle-tun-fil single tungsten filament
 sh-met-thds sheet metal threads
 sltd slotted
 sltd-hd slotted head
 socket-hd socket head
 sp special
 sq square
 sq-end square-end
 sq-hd square head
 sq-nk square neck
 SR single row
 std standard
 stght straight
 stls-S stainless steel
 thd(s) thread, threaded, threads
 thk thick
 thkns thickness
 tobin-bz tobin-bronze
 unfin unfinished
 US United States
 v volt
 vert verticle
 w watt
 w/ with

w/owithout
xx (by, in dimensions only, as 2 x 4)

zn-dichromate-finzinc dichromate finish
zn-pltdzinc plated

21. MANUFACTURERS' SYMBOLS. The following symbols precede the part numbers for manufacturers appearing in this catalog:

<i>Symbol</i>	<i>Manufacturer</i>	<i>Symbol</i>	<i>Manufacturer</i>
AC	A C Spark Plug Div. (General Motors Corp.)	PC	Packard Electric Div. (General Motors Corp.)
AL	Electric Auto-Lite Co. (The)	PG	Pierce Governor Co.
AM	Air-Maze Corp.	PRX	Prefex Corp.
AUC	Autocar Co. (The)	PU	Purolator Products, Inc.
BA	Bassick Co. (The)	QPX	Quinplex Corp. (The)
BR	Briggs & Stratton Corp.	RG	Ross Gear & Tool Co.
BRO	Brockway Motor Co., Inc.	RPD	Reid Products Div.
BW	Budd Wheel Co.	SEP	Service Products Corp.
BWE	Bendix-Westinghouse Automotive Air Brake Co.	SK	Shakeproof Inc. (Lock Washer Co.)
CEC	Chandler Evans Corp.	SP	Spicer Mfg. Corp.
COR	Corbitt Co. (The)	SPC	Spring Perch Co., Inc.
CWL	C. Cowles & Co.	SSP	Stolper Steel Products Corp.
DN	Donaldson Co., Inc.	STN	Stant Mfg. Co.
DPM	Duro-Products Mfg. Co.	STP	The Standard Products Co.
DR	Delco-Remy Div. (General Motors Corp.)	SU	Superior Universal Products Co.
DSF	Dayton Steel Foundry Co.	SW	Stewart-Warner Corp.
DT	Diamond T Motor Car Co.	TD	Timken-Detroit Axle Co. (The)
EAT	Eaton Mfg. Co. (Reliance Spring Washer Div.)	TI	Titeflex, Inc.
FUL	Fuller Mfg. Co.	TIM	Timken Roller Bearing Co. (The)
GL	Guide Lamp Div. (General Motors Corp.)	TP	Thompson Products, Inc.
GM	General Motors Corp.	TRI	Trico Products Corp.
GOM	G & O Mfg. Co. (The)	TRU	Tru-Stop (American Chain & Cable Co.)
GW	Gar Wood Industries, Inc.	TU	Tulsa Winch Mfg. Corp.
HE	Houde Engineering Div.	UTS	United Specialties Co. (United Air Cleaner Div.)
HLC	Heil Co. (The)	VM	Visco-Meter Corp. (The)
HM	Hercules Motors Corp.	WEB	Warner-Electric Brake Mfg. Co.
HSP	Hercules Steel Products Co.	WI	White Motor Co.
LPE	Lipe-Rollway Corp.	WMH	White Machine Works
MAR	Maremont Automotive Products, Inc.	Z	Zenith Carburetor Div. (Bendix Aviation Corp.)
MRC	Marlin-Rockwell Corp.		

22. SUGGESTIONS. Notice of discrepancies or suggested changes should be directed to the Chief of Ordnance, Washington 25, D. C., ATTENTION: ORDFM-Pub.

(1) STOCK NO.	(2) MFR'S PART NO.	(3) ORDNANCE PART NO.	(4) DESCRIPTION	(5) UNIT OF ISSUE	(6) QUANTITY INCORPORATED IN UNIT	(7) FIELD			(8) DEPOT		(9) INITIAL STOCKAGE GUIDE		(10) REFERENCE SYMBOLS		
						STOCK GUIDE PER 100 MAJOR ITEMS			GUIDE PER 100 MAJOR ITEMS		PER 100 UNIT ASSY RE-BUILDS	PER 100 MAJOR ITEM RE-BUILDS			
						MED MAINT (a)	HV MAINT (b)	DEPOT 30 DAYS (c)	MAINT (a)	STOCK (1 YR) (b)	(a)	(b)			
GROUP 01—ENGINE															
0100—ENGINE ASSEMBLY															
G512-7329611	WI-391959 COR-7239	7329611	BOLT, 5/8-18NF-2 x 6 1/2 (mounting, left)-----	ea	2	2	1	3	4	36	---	20	#	X	
G512-7329583	WI-391958 COR-7238	7329583	BOLT, 5/8-18NF-2 x 8 (mounting, right)-----	ea	2	2	1	3	4	36	---	20	#	X	
G514-7329429	WI-43AALOT1 WI-43AALOT2	7329429	ENGINE, w/ACCESSORIES, assembly (Issue until stock is exhausted, then use ENGINE, 7340429) (Hercules Model HXC).	ea	1	---	---	---	---	---	---	†	---	X	
G547-7340429	WI-46AALOT1 WI-46AALOT3 WI-46AALOT4	7340429	ENGINE, w/ACCESSORIES, assembly (Includes crankcase air CLEANER, WI-401492; exhaust pipe FLANGE, WI-394996; throttle body adapter FLANGE, WI-408226; oil FILTER, WI-394659; FLYWHEEL, WI-394970; oil level GAGE, WI-394621; oil gage LINE, WI-392427; ventilator LINE, WI-412905; viscometer LINE, WI-392442; center exhaust MANIFOLD, WI-96846; front exhaust MANIFOLD, WI-96844; rear exhaust MANIFOLD, WI-96845; intake MANIFOLD, WI-96856; fan drive PULLEY, WI-398482; viscometer UNIT, WI-390955; ventilator VALVE, WI-412907; pilot BEARING, WI-316551, clutch DISK, WI-332911; clutch HOUSING, WI-96791; pressure PLATE, WI-397794; CARBURETOR, WI-401230; carburetor air cleaner ELBOW, WI-412941; GOVERNOR, WI-401227; fuel LINE (pump to carburetor), WI-413106; governor oil LINE, WI-394604; fuel PUMP, WI-418087; carburetor heat SHIELD, WI-423282; drain VALVE, WI-400989; fan BELT, WI-502824; generator BELT, WI-502826; water pump inlet ELBOW, WI-394699;	ea	1	1	1	2	1	11	---	6	---	---	X

(1) STOCK NO.	(2) MFR'S PART NO.	(3) ORDNANCE PART NO.	(4) DESCRIPTION	(5) UNIT OF ISSUE	(6) QUANTITY INCORPORATED IN UNIT	(7) FIELD			(8) DEPOT		(9) INITIAL STOCKAGE GUIDE		(10) REFERENCE SYMBOLS
						STOCK GUIDE PER 100 MAJOR ITEMS			GUIDE PER 100 MAJOR ITEMS		PER 100 UNIT ASSY RE-BUILDS	PER 100 MAJOR ITEM RE-BUILDS	
						MED MAINT (a)	HV MAINT (b)	DEPOT 30 DAYS (c)	MAINT (a)	STOCK (1 YR) (b)			
			GROUP 01—ENGINE—Continued										
			0100—ENGINE ASSEMBLY—Continued										
		7340429	ENGINE, w/ACCESSORIES, assembly—Continued										
			FAN, WI-388495; water outlet FLANGE, WI-390925; upper thermostat HOUSING, WI-394691; front water MANIFOLD, WI-414098; rear water MANIFOLD, WI-414099; water by-pass PIPE, WI-394695; water PUMP, WI-96743; THERMOSTAT, WI-394690; starter to solenoid CABLE, WI-392380; ignition CABLE SET, WI-408565; COIL, WI-395351; DISTRIBUTOR, WI-417991; GENERATOR, WI-423271; spark plugs, WI-390990; STARTER, WI-391916; air COMPRESSOR, WI-388471; air compressor oil LINE, WI-863X53; air compressor water inlet LINE, WI-394639; air compressor water outlet LINE, WI-394641).										
G512-7743882	WI-413500	7743882	ENGINE, w/o ACCESSORIES, assembly-----	ea	1	---	1	1	1	12	---	---	X
4300-32998ASY	WI-411634	---	GASKET SET, overhaul (Hercules Model HXC)	ea	---	---	1	1	2	18	---	---	X
	HM-32998ASY	---	Composed of:										
	COR-32998ASY	---	1 GASKET, air compressor										
	HM-15795A	---	1 GASKET, air compressor bracket ¹										
	HM-30846A	---	1 GASKET (breather adapter) ¹										
	HM-22564A	---	1 GASKET, breather cap ¹										
	HM-19067A	---	2 GASKET, cylinder block										
	HM-30008C	---	2 GASKET, cylinder block water jacket plate. ¹										
	HM-30363B	---	2 GASKET, cylinder head ¹										
	HM-30988C	---											

(1) STOCK NO.	(2) MFR'S PART NO.	(3) ORDNANCE PART NO.	(4) DESCRIPTION	(5) UNIT OF ISSUE	(6) QUANTITY INCORPORATED IN UNIT	(7) FIELD			(8) DEPOT		(9) INITIAL STOCKAGE GUIDE		(10) REFERENCE SYMBOLS
						STOCK GUIDE PER 100 MAJOR ITEMS	DEPOT 30 DAYS	DEPOT HV MAINT	MAINT (1 YR)	GUIDE PER 100 MAJOR ITEMS	PER 100 UNIT ASSY RE-BUILDS	PER 100 MAJOR ITEM RE-BUILDS	
			GROUP 01—ENGINE—Continued										
			0100—ENGINE ASSEMBLY—Continued										
		7086899	GASKET SET, overhaul—Continued										
	WI-96785	-----	1 GASKET, distributor and tachometer drive adapter to engine. ¹										
	HM-30897A	-----	1 GASKET, distributor housing ¹										
	WI-394628	-----	2 GASKET, distributor support housing. ¹										
	HM-31925A	-----	2 GASKET, exhaust manifold										
	WI-96767	-----	1 GASKET, exhaust pipe companion flange to manifold. ¹										
	HM-30149A	-----	1 GASKET, flywheel housing to crankcase. ¹										
	WI-96860	-----	1 GASKET, fuel pump to cylinder block. ¹										
	HM-30023C	-----	1 GASKET, governor to timing gear cover. ¹										
	WI-394997	-----	1 GASKET, heat valve cover plate ¹										
	HM-31820A	-----	2 GASKET, intake manifold										
	WI-96792	-----	1 GASKET, lower to upper thermostat housing. ¹										
	HM-30065C	-----	1 GASKET, mounting, oil filter base ¹										
	WI-394634	-----	2 GASKET, oil drain plug ¹										
	HM-31926A	-----	3 GASKET, oil filter case ¹										
	WI-408676	-----	3 GASKET, oil filter cover ¹										
	HM-31897A	-----											
	WI-96849	-----											
	HM-32729A	-----											
	WI-96857	-----											
	HM-30541B	-----											
	WI-394692	-----											
	HM-85557A	-----											
	WI-394660	-----											
	HM-31322A	-----											
	WI-394688	-----											
	HM-296A	-----											
	WI-393989	-----											
	HM-14602A	-----											
	WI-394674	-----											
	HM-32249A	-----											

0101—CYLINDER HEADS AND BLOCKS														
G514-753994	HM-30356ESY	753994	BLOCK, cylinder, front, w/COVER and STUDS, assembly.	ea	1							10	10	X
G514-753993	HM-30357ESY	753993	BLOCK, cylinder, rear, w/COVER and STUDS, assembly.	ea	1							10	10	X
G547-7063984	HM-772A WI-96623	7063984	STUD, 1/2-20NF x 1/2-13NC x 2 1/16 (to crankcase).	ea	10	2	4	5	54	100				X
H001-4027581		214267	NUT, hex, 1/2-20NF-2	ea	10					(**)				H-1
H001-7025801		120384	WASHER, lock, 1/2 in.	ea	10					(**)				H-1
G547-7086743	HM-30067A WI-96665	7086743	BUSHING, crankshaft bearing bolt (in cylinder block).	ea	16	2	4	7	72	80				X
G512-7743909	HM-31093B	7743909	COVER, crankcase oil pump hole	ea	1	1	2	1	9	10				#
H001-4171601		121932	NUT, hex, 3/8-24NF-3	ea	7					(**)				#H-1
G120-0392252	HM-1151A WI-96649		STUD, 3/8-16NC-2 x 3/8-24NF-4 x 1 1/16	ea	7	1	2	5	45	50				#
H001-7025741		120382	WASHER, lock, 3/8 in.	ea	7					(**)				#H-1
G547-7086836	HM-31055B WI-96864	7086836	COVER, starter hole	ea	1	1	2	1	4	10				#
H101-0213652		213652	SCREW, cap, 1/2-13NC-2 x 3/4	ea	3					(**)				#H-1
H001-7025801		120384	WASHER, lock, 1/2 in.	ea	3					(**)				#H-1
G547-7086825	HM-30885A WI-96648	7086825	GASKET, crankcase oil pump hole cover 2	ea	1	1	2	2	18	100				X
G547-7086789	HM-30363B WI-96662	7086789	GASKET, cylinder block water jacket plate 3	ea	2	1	2	4	36					X
G514-0194016	HM-32208C HM-30988C WI-96703		GASKET, cylinder head 2 (Hercules Model HXC).	ea	2	1	2	4	36					X
G547-7086874	HM-32209C WI-408214	7086874	GASKET, cylinder head 4 (Hercules Model HXD).	ea	2	1	2	4	36					X
G547-7735781	AC-1538742 WI-428448	7735781	GASKET, fuel pump hole cover	ea	1	1	2	1	9	10				X
4300-31494D	HM-31494D WI-394974		HEAD, cylinder, front (Hercules Model HXC)	ea	1	1	2	1	4	10				X
G547-7086875	HM-32211D WI-408210	7086875	HEAD, cylinder, front (Hercules Model HXD)	ea	1	1	2	1	4	10				X
4300-31495D	HM-31495D WI-394975		HEAD, cylinder, rear (Hercules Model HXC)	ea	1	1	2	1	4	10				X
G547-7086876	HM-32212D WI-408211	7086876	HEAD, cylinder, rear (Hercules Model HXD)	ea	1	1	2	1	4	10				X
G172-0314840	HM-4568A WI-96664		NUT	ea	34	2	4	15	153	340				#
4300-4584A	HM-4584A WI-96663		STUD, 1 1/16 in. x 5 3/4 in.	ea	18	4	8	16	162	180				#

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						MED MAINT (a)	HV MAINT (b)	DEPOT 30 DAYS (c)	MAINT (a)	STOCK (1 YR) (b)			
GROUP 01—ENGINE—Continued													
0101—CYLINDER HEADS AND BLOCKS—Continued													
G172-7329588	HM-41A WI-96622	7329588	PIN, dowel, cylinder block to crankcase	ea	4	1	1	2	2	18	40	40	X
4300-31389C	HM-31389C WI-418485		PLATE, cylinder block water jacket, front	ea	1	1	1	2	1	4	10	10	X
4300-30362C	HM-30362C WI-96661		PLATE, cylinder block water jacket, rear	ea	1	1	1	2	1	4	10	10	X
H001-5026731		213600	SCREW, cap, 3/8-16NC-2 x 7/8	ea	36						(**)		H-1
H001-7025741		120382	WASHER, lock, 3/8 in.	ea	36						(**)		H-1
H006-0282510		541410	PLUG, expansion, 1 3/4 in. diam (crankcase)	ea	1						(**)		H-6
H106-0125947		125947	PLUG, pipe, 1/8 in. (crankcase)	ea	12						(**)		H-6
H006-0283987		143992	PLUG, pipe, 1/4 in. (crankcase)	ea	3						(**)		H-6
H106-0143967		143967	PLUG, pipe, 1/2 in. (cylinder head (2), crankcase, rear (2))	ea	4						(**)		H-6
H006-0283766		143968	PLUG, pipe, 3/4 pipe thread (crankcase (3), cylinder block (8))	ea	11						(**)		H-6
H006-0283770		113187	PLUG, pipe, 1 in. (cylinder block)	ea	8						(**)		H-6
0102—CRANKSHAFT													
BEARING (standard):													
G514-7540379	HM-31079B WI-394605 COR-31079B	7540379	center, lower (Issue until stock is exhausted, then use BEARING SET, 7005458).	ea	1								†
G514-7540378	HM-31078B WI-394603 COR-31078B	7540378	center, upper (Issue until stock is exhausted, then use BEARING SET, 7005458).	ea	1								†
G514-7540377	HM-31077B WI-394604 COR-31077B	7540377	front, lower (Issue until stock is exhausted, then use BEARING SET, 7005458).	ea	1								†

G514-7540376	HM-31076B WI-394602 COR-31076B	7540376	front, upper (Issue until stock is exhausted, then use BEARING SET, 7005458).	ea	1	---	---	---	---	---	---	†	X
G514-7540329	HM-31081B WI-394609 COR-31081B	7540329	intermediate, lower (Issue until stock is exhausted, then use BEARING SET, 7005458).	ea	4	---	---	---	---	---	---	†	X
G514-7540375	HM-31080B WI-394608 COR-31080B	7540375	intermediate, upper (Issue until stock is exhausted, then use BEARING SET, 7005458).	ea	4	---	---	---	---	---	---	†	X
G514-7540374	HM-31083B WI-394612 COR-31083B	7540374	rear, lower (Issue until stock is exhausted, then use BEARING SET, 7005458).	ea	1	---	---	---	---	---	---	†	X
G514-7540373	HM-31082B WI-394611 COR-31082B	7540373	rear, upper (Issue until stock is exhausted, then use BEARING SET, 7005458).	ea	1	---	---	---	---	---	---	†	X
G512-7037011	HM-31079B010 WI-394860	7037011	BEARING (0.010 undersize): center, lower (Issue until stock is exhausted, then use BEARING SET, 7009403).	ea	1	---	---	---	---	---	---	†	X
G512-7037009	HM-31078B010 WI-394858	7037009	center, upper (Issue until stock is exhausted, then use BEARING SET, 7009403).	ea	1	---	---	---	---	---	---	†	X
G512-7037007	HM-31077B010 WI-394852	7037007	front, lower (Issue until stock is exhausted, then use BEARING SET, 7009403).	ea	1	---	---	---	---	---	---	†	X
G512-7037005	HM-31076B010 WI-394850	7037005	front, upper (Issue until stock is exhausted, then use BEARING SET, 7009403).	ea	1	---	---	---	---	---	---	†	X
G512-7037015	HM-31081B010 WI-394856	7037015	intermediate, lower (Issue until stock is exhausted, then use BEARING SET, 7009403).	ea	4	---	---	---	---	---	---	†	X
G512-7037013	HM-31080B010 WI-394854	7037013	intermediate, upper (Issue until stock is exhausted, then use BEARING SET, 7009403).	ea	4	---	---	---	---	---	---	†	X
G512-7037017	HM-31082B010 WI-394862	7037017	rear, upper (Issue until stock is exhausted, then use BEARING SET, 7009403).	ea	1	---	---	---	---	---	---	†	X
G512-7037012	HM-31079B020 WI-398422	7037012	BEARING (0.020 undersize): center, lower (Issue until stock is exhausted, then use BEARING SET, 7009402).	ea	1	---	---	---	---	---	---	†	X
G512-7037010	HM-31078B020 WI-398419	7037010	center, upper (Issue until stock is exhausted, then use BEARING SET, 7009402).	ea	1	---	---	---	---	---	---	†	X
G512-7037008	HM-31077B020 WI-398410	7037008	front, lower (Issue until stock is exhausted, then use BEARING SET, 7009402).	ea	1	---	---	---	---	---	---	†	X
G512-7037006	HM-31076B020 WI-398407	7037006	front, upper (Issue until stock is exhausted, then use BEARING SET, 7009402).	ea	1	---	---	---	---	---	---	†	X
G512-7037016	HM-31081B020 WI-398416	7037016	intermediate, lower (Issue until stock is exhausted, then use BEARING SET, 7009402).	ea	4	---	---	---	---	---	---	†	X

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						STOCK GUIDE PER 100 MAJOR ITEMS			GUIDE PER 100 MAJOR ITEMS		PER 100 UNIT ASSY RE-BUILDS	PER 100 MAJOR ITEM RE-BUILDS	
						MED MAINT (a)	HV MAINT (b)	DEPOT 30 DAYS (c)	MAINT (a)	STOCK (1 YR) (b)			
			GROUP 01—ENGINE—Continued										
			0102—CRANKSHAFT—Continued										
G512-7037014	HM-31080B020 WI-398413	7037014	BEARING (0.020 undersize)—Continued intermediate, upper (Issue until stock is exhausted, then use BEARING SET, 7009402).	ea	4								†
G547-7698955	HM-31083B020 WI-398428	7698955	rear, lower (Issue until stock is exhausted, then use BEARING SET, 7009402).	ea	1								†
G512-7037018	HM-31082B020 WI-398425	7037018	rear, upper (Issue until stock is exhausted, then use BEARING SET, 7009402).	ea	1								†
G512-7005458	HM-32276AS WI-394614	7005458	BEARING SET (standard)	ea	1	1	1	1	1	9	10	10	X
			Composed of: 1 BEARING, center, lower										
			1 BEARING, center, upper										
			1 BEARING, front, lower										
			1 BEARING, front, upper										
			4 BEARING, intermediate, lower										
			4 BEARING, intermediate, upper										
			1 BEARING, rear, lower										
			1 BEARING, rear, upper										
G512-7009403	HM-32276AS010 WI-418615	7009403	BEARING SET (0.010 undersize)	ea	1	1	1	1	1	5	10	10	X
			Composed of:										