

ARMY SERVICE FORCES CATALOG **ORD 7-8-9** SNL G-544

# ORDNANCE SUPPLY CATALOG

**Group G**

**Technical Reference TM 9-882**

**(Standard Nomenclature List No. G-544)  
(Combined)**

**Organizational Spare Parts and Equipment  
Higher Echelon Spare Parts and Equipment  
(Addendum)**

**Service Parts Catalog**

**for**

## **Semitrailer**

**7-Ton, Payload, 10-Ton Gross, 2-Wheel (2 dt),  
Cargo (Wood Body) 1943-44**

(Supersedes SNL G-544 Organizational Spare Parts and Equipment, dated 21 Aug., 1943, SNL G-544 Addendum dated 1 Dec., 1943, SNL G-544 Service Parts Catalog dated 25 Sept., 1943, which should be collected and destroyed.)

### **Distribution:**

Ordnance Organizations, Establishments and any Interested Personnel. All units equipped with Semi-trailer, 7-Ton Payload, 10-Ton Gross, 2-Wheel (2 dt), Cargo (Wood Body) 1943-44.

**HEADQUARTERS, ARMY SERVICE FORCES, 20 JUNE, 1944**

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## GENERAL INFORMATION

This Ordnance Supply Catalog of Spare Parts and Equipment contains the following sub-divisions, besides the General Information Section:

- Organizational Spare Parts and Equipment List (ORD 7)
- Higher Echelon Spare Parts and Equipment (Addendum)
- Combined with Service Parts Catalog (ORD 8-9).
- Indexes.

### ORGANIZATIONAL SPARE PARTS AND EQUIPMENT LIST (ORD 7)

This section lists all maintenance parts, accessories, common and special tools, equipment and supplies, fire control equipment, applicable cleaning and preserving materials, required by, and authorized for using troop organizations in connection with the use and maintenance of the vehicle. The columns in this section list the estimated quantities of parts required by each company or regiment or separate battalion to maintain the various quantities of the vehicle assigned to each respectively. The organizational accessories lists the tool sets allocated to these organizations, the figures in the column showing the quantities per tool set.

This section also lists all maintenance parts, accessories, equipment, common and special tools, supplies, ammunition, sighting equipment, that are carried in or on the vehicle. Also included are any other major items that are issued with, and as an integral part of the vehicle. For example, the armament (guns and gun mounts) is listed on this section as well as the armament spare parts that are carried on the vehicle. The Quantities per Vehicle appear in Column 6.

### HIGHER ECHELON SPARE PARTS AND EQUIPMENT (ADDENDUM) COMBINED WITH SERVICE PARTS CATALOG

This section lists the maintenance parts in the vehicle. Only those parts with a quantity in column 7 and/or 8 and 9 or an asterisk in column 9 are available for issue. No other parts are available. Column 7, 12 Mos. Field Maintenance, shows the quantity of parts that have been estimated to be required for the third and fourth echelons for the maintenance of one hundred (100) vehicles for twelve months.

These figures do not include the quantities estimated for organizational maintenance parts, which appear in ORD 7. Column 8, Major Overhaul (5th echelon), shows the quantities of parts that have been estimated to be required for fifth echelon maintenance for one hundred (100) vehicles for twelve months. Column 9 shows Total First Year Procurement for maintenance by all echelons. Column 10, lists the estimated quantities required to rebuild 100 units.

**FIRST AND SECOND ECHELONS.** Using troops performing 1st and 2nd echelon maintenance are authorized to requisition only those parts marked by a % sign in Column 7 ORD 8, as well as any standard hardware. They are not authorized to requisition any other part. However, all parts marked with a % sign are not shown in the Organizational Spare Parts and Equipment List (ORD 7). Normally those parts shown in ORD 7 are carried. However, if time and the tactical situation permit, and trained personnel and suitable tools are available, any of those parts marked by a % in ORD 8, and standard hardware, may be requisitioned for replacement purposes.

### ORDNANCE PROVISION SYSTEM

For full information relative to standard Nomenclature Lists, the procedure followed and the principles employed in their compilation, together with the purposes and uses thereof, see the introduction to the Ordnance Catalog (ORD 1 IOC), the Ordnance Provision System Regulations (OPSR) and the Ordnance Publications for Supply Index (ORD 2 OPSI).

CHANGE 1

ORD 7-8-9

SNL G544

NOTES

Ø The major item indicated by Ø is stored, issued and renewed under "Major Items", ORD 3 SNL G-1.

- W a. Items indicated by (W) are non-expendable.  
b. Items not indicated by (W) are expendable.



## QUANTITY PER UNIT ASSEMBLY

The Quantity per Unit Assembly Column lists the quantity of the part required for the particular use in question. If, for example, there are two generators in the vehicle, the quantities of the components listed will be double the number required in one generator. If there are two similar brackets, each requiring four bolts, the total quantity of eight bolts will be indicated. It is therefore necessary to check the quantity of assemblies before using the indicated quantity of components to determine the quantity required per generator. In the case of attaching parts, the quantity of the items attached should be checked.

## STANDARD HARDWARE

The quantity of Standard Hardware per unit assembly is given in all places where used w/o maintenance quantities, and a consolidation of maintenance quantities for Standard Hardware for complete major items is given in Group 23.

## REPAIR KITS AND SETS

The following Repair Kits are available for requisitioning as required:

KIT, lining set, brake shoe

KIT, repair, air cleaner

KIT, repair, blackout tail light, right

KIT, repair, blackout tail light, left

KIT, repair, check valve

KIT, repair, conversion valve

PLUG KIT, (Plastic type) (For use only on Nabors Trailer).

Items in these kits which are serviced separately also are shown both in the kit and in the alphabetical listing of parts.

## LEFT AND RIGHT DESIGNATIONS

Whenever the designations RIGHT and LEFT are used they refer to your left or right as you stand at the rear of the vehicle facing forward.

## SERIAL NUMBER LOCATIONS

Serial numbers of all vehicles are plainly marked on the IDENTIFICATION AND CAUTION PLATE which is located at the right front of the vehicle on the front crossmember.

## HOW TO FIND PARTS

1. If the name of the part is known, use the alphabetical index to find the sub-group number in which the part is completely described.
2. If the location or function of the part is known, refer to the group in which the part would normally appear and look for it in the illustration and text.
3. If the ordnance or manufacturer's part number or official stockage number is known, refer to the numerical index in back of the catalog, which will indicate the sub-group in which the part appears.  
**EXAMPLE:** If you require a Brake Coupling, refer to the alphabetical index under Coupling, brake, where you will find the sub-group in which the part is listed; in this case—sub-group 1203B. Refer to sub-group 1203B, which lists the parts alphabetically, and under "COUPLING" you will find the identifying numbers required.

## CLASS OF VEHICLE

The major item covered by this catalog is designated as a General Purpose Vehicle, as defined in paragraph 3, AR850-15, dated 28 August, 1943.

## IF ONLY A MANUFACTURER'S NUMBER IS KNOWN:

Refer to the Manufacturer's Part Number Index to determine the sub-group number in which the part is listed, and look for it there.

## IF ONLY THE LOCATION OR FUNCTION OF THE PART IS KNOWN:

1. Turn to the Standardized Government Grouping and determine the group number in which the part is most likely to be listed.
2. By using the Quick Reference Index on page 1, locate the pages in the catalog covering this group.
3. Refer to the illustrations for this group, and after you have located the part in the illustration, refer to the reference legend to determine the part number and the sub-group number in which the part is listed.
4. Turn to that sub-group and locate the part, either by part number or by name.

## IMPORTANT

The Prefix Letter and Number of the Official Stock Number (i.e. G-104-XX-XXXXXX, G-103-XX-XXXXXX or G-167-XX-XXXXXX) 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 Official Stock Number for this same part.

When ordering, include *all* Piece Marks, Official Stock Numbers and Nomenclature shown for the part.

The parts and equipment listed in this publication are the authorized items of issue for maintenance of this vehicle and are the only items available for issue.

## LIST OF ABBREVIATIONS

br. ....	brass	NC ....	national coarse thread
brd. ....	braided	NF ....	national fine thread
cd. ....	cadmium	N.P.T. ....	national pipe thread
k-hd. ....	countersunk head	O.D. ....	outer diameter
cond. ....	conductor	oz. ....	ounce
cop. ....	copper	pltd. ....	plated
cp. ....	candlepower	reg. ....	regular
cu. ....	cubic	rd-hd. ....	round head
fil-hd. ....	fillister head	R.H. ....	right hand
fin. ....	finished	ru. ....	rubber
fl-hd. ....	flat head	S. ....	steel
ga. ....	gauge	S-fin. ....	semi-fin
galvd. ....	galvanized	sgle. ....	single
hex-hd. ....	hexagonal-head	std. ....	standard
hd. ....	head	sq-hd. ....	square head
hv. ....	heavy	sq-nk. ....	square neck
I.D. ....	inside diameter	stght. ....	straight
in. ....	inch	ten. ....	tension
ins. ....	insulated	unfin. ....	unfinished
L.H. ....	left hand	V. ....	volt
lgt. ....	light	W/ ....	with
lacqd. ....	lacquered	W/o ....	without
M.I. ....	malleable iron	WP. ....	waterproof

# HOW TO ORDER SPARE PARTS

After it has been determined which Parts are needed, it is important that the requisition be properly prepared in order to speed up the satisfactory filling of requisitions.

**NOTE: ONLY THOSE ITEMS LISTED IN ORD 7—OSP&E, OR ORD 8—HESP&E (ADDENDUM) OF THE ORDNANCE SUPPLY CATALOG ARE AVAILABLE FOR ISSUE.**

Until new forms are available, existing form W.D. QMC form No. 400, revised as indicated below, will be used. If no forms are available, informal requisitions may be prepared on any paper, provided the essential information is given.

In preparing requisitions, the following should be adhered to, otherwise the result will be unnecessary and wasteful delay.

1.) Separate requisitions will be prepared for each supply service. For example, a separate requisition will be prepared for items stored and issued by the Quartermaster Corps, and a separate requisition for items stored and issued by the Ordnance Department.

2.) Separate requisitions will be prepared for expendable and non-expendable items.

3.) Separate requisitions will be prepared for any item requiring special authorization.

4.) Separate requisitions will be prepared for vehicles reviewed in one SNL. Do not consolidate on one requisition the quantities of interchangeable parts required for vehicles reviewed in several different SNL's.

Below is a sample requisition with explanatory marginal notes on the preparation of a requisition for Ordnance materiel.

Insert regular Ordnance Depot.

WAR DEPARTMENT  
Q. M. C. Form No. 400  
Revised Apr 6, 1941

## REQUISITION

Commanding General, Rock Island Arsenal, Rock Island, Illinois No. of Sheets 1 Sheet No. ...

Requisition No. ORD-745-53-98 Date 5 January 1944 Period 15 days

SHIP TO Supply Officer, Maintenance Battalion, 8th Armored Division, Fort Knox, Ky

Requisitioned By (show Signature, Rank, Organization, Destination. If different from "ship to" include address):  
Robert E. Roe  
1st Lt., Ordnance Dept  
Supply Officer  
14th Ord. Depot Co.  
Camp Campbell, Kentucky

Approved By:  
John D. Doe  
Colonel, Ord Dept  
Executive Officer

Give complete shipping instructions. Special instructions for packing, marking, routing, etc., should be given at the end of requisition.

State SNL No. and full official vehicle nomenclature or name.

Use exact nomenclature as it appears in SNL.

Show all numbers shown in SNL.

Insert official stock No. If none available, insert Ord. No. or Mfg'r's No.

State authority: T/E, T/A, T/BA or T/O&E; and ORD 8 (Addendum) or ORD 7 (OSP&E) with date of publication. If a publication other than an ORD 8 or ORD 7 is used to prepare requisition then indicate the publication used and its date.

Certified statement that the additional supplies will result in quantities not in excess of authorized allowances.

Not to exceed 30 days for expendable items.

Authorized stock level.

Quantity in stock.

Quantity previously ordered and not yet received.

Quantity needed to bring stock up to authorized level.

Unit of measure—each, quart, dozen, lb., etc.

STOCK No.	REQUISITION Nomenclature & UNIT	AUTHORIZED STOCK MAX LEVEL	ON HAND	CONSUMED DUE IN	REQUIRED	APPROVED
	SNL G-207, Tank, Medium, M4A1 (76mm gun, Wet)					
G163-01-39400	COIL, booster, assembly (ORD. C126369; DR-1115482)	1	0	0	1	
G104-06-00070	KIT, repair, propeller shaft (ORD. A294020, SP-K5-16X1e)	1	0	0	1	
G104-04-00799	GASKET, steering brake adjusting hole cover (ORD. A196393, ea.)	8	4	2	2	
G104-01-00649	GASKET, governor body (PG-G3184)	4	1	0	3	

Authority: T E 9-65, Addendum SNL G-207, dated 23 Nov 1943

I certify that the items listed above are required to replenish the stock for 92 TANKS, Medium, M4A1 (76mm gun, Wet) and will not result in quantities in excess of authorized allowances.

Robert E. Roe  
1st Lt., Ordnance Department

For a complete story on requisitions, requisition editing, stock records, etc. see TM 38-220, W. D. Circular No. 405 and W. D. Supply Bulletin 9-20 dated 18 March 1944

## MANUFACTURERS' IDENTIFICATION SYMBOLS

Listed below are symbols of the various manufacturers as they appear in the body of the book. These symbols are prefixed to the part numbers of the original manufacturer of parts.

<b>AD</b>	Alemite Division (Stewart-Warner Corp.).....	1826 Diversey Parkway, Chicago 14, Ill.
<b>AL</b>	Electric Auto-Lite Corp.....	Mulberry and Champ Sts., Toledo, Ohio
<b>ASD</b>	Arrow Safety Device Co.....	Mt. Holly, N. J.
<b>BBC</b>	Bendix Brake Co.....	South Bend, Ind.
<b>BK</b>	Bragg-Kliesrath Corp. (Division Bendix Products Co.).....	South Bend, Ind.
<b>BW</b>	Budd Wheel Co.....	12141 Charlevoix, Detroit 14, Mich.
<b>CHC</b>	Cleveland Hardware and Forging Co.....	3270 E. 79th St., Cleveland 4, Ohio
<b>CB</b>	Corcoran-Brown Lamp Co.....	4900 Spring Grove Ave., Cincinnati 32, Ohio
<b>DSF</b>	Dayton Steel Foundry Co.....	1366 Miami Chapel Road, Dayton 1, Ohio
<b>EB</b>	Eberhard Mfg. Co.....	2734 Tennyson Road S. E., Cleveland 4, Ohio
<b>EDW</b>	Edwards Iron Works, Inc.....	2901 S. Main St., South Bend 23, Ind.
<b>GTT</b>	Gramm Truck & Trailer Corp.....	Old National Bank Bldg., Delphos, Ohio
<b>GL</b>	Guide Lamp Division (General Motors Corp.).....	Anderson, Ind.
<b>KD</b>	KD Lamp Co.....	610 W. Court St., Cincinnati 3, Ohio
<b>MAR</b>	Maremont Automatic Products, Inc.....	1600 S. Ashland Ave., Chicago 8, Ill.
<b>MW</b>	Motor Wheel Corp.....	716 E. Saginaw, Lansing 3, Mich.
<b>NBR</b>	W. C. Nabors Co.....	Mansfield, La.
<b>PC</b>	Packard Electric Division (General Motors Corp.).....	Dana Ave., Warren, Ohio
<b>PLY</b>	Plymouth Industries, Inc.....	W. Harrison St., Plymouth, Mich.
<b>SFA</b>	Standard Forge & Axle Co., Inc.....	Box 989, Montgomery, Ala.
<b>TD</b>	Timken-Detroit Axle Co.....	100-400 Clark St., Detroit 32, Mich.
<b>TIM</b>	The Timken Roller Bearing Co.....	1935 Kelly Ave., Canton, Ohio
<b>TFY</b>	Tyler Fixture Corp.....	Niles, Mich.
<b>WEB</b>	Warner Electric Brake Mfg. Co.....	Beloit, Wis.



## STANDARD GOVERNMENT GROUPING

### 06—ELECTRICAL GROUP

0606B	Chassis Wiring
0606F	Trailer Electric Coupling Parts
0607A	Lamp Units (Sealed Beam)
0608	Tail Lights

1500B	Chock Block Assembly
1505	Spare Wheel Carrier
1508	Ending Gear and Auxiliary Supports
1508A	Auxiliary Support Assembly

### 11—AXLE GROUP

1100	Axle Assembly
1108	Axle Beam, Spindle Nuts Cotter Pins and washers

### 16—SPRING GROUP

1601A	Rear Springs
1601B	Spring Bumpers
1602	Spring Attaching Parts
1604	Radius Rod

### 12—BRAKE GROUP

1200	Brake Assembly
1202	Brake Shoes and Facings
1203	Brake Shoe Supports
1203A	Guide Springs
1203B	Brake Adjusting Pins and Anchor Plate
1207B	Brake Diaphragm Chambers
1207B-1	Mounting Brackets and Parts
1209	Brake Lines
1209A	Brake Line Pipes
1209B	Hoses
1209B-1	Brake Line Hoses— Galvanized Pipe Installation
1209B-2	Brake-Line Hoses— Copper Tube Installation
1209C	Tubes—Copper Tube Installation
1209H	Check Valve
1209P	Conversion Valve
1209Q	Air Cleaner

### 18—BODY GROUP

1800	Body
1801	Body Mounting Parts
1802A	Body Panels and Platform
1802B	Body Stakes
1802C	Body Gates and Steps
1817	Tool Box

### 22—MISCELLANEOUS—BODY, CHASSIS AND ACCESSORIES

2201	Tarpaulin
2203	Identification & Caution Plate

### 23—GENERAL USE STANDARDIZED PARTS GROUP

2301	Tools
2306	Tires
2304B	Bolts
2304C	Chains
2304D	Hose Clamps
2304E	Elbows (Brake Line)
2304F	Fittings
2304G	Nuts
2304H	Pins
2304Y	Plugs
2304N	Yokes
2304J	Rivets
2304K	Screws
2304L	Washers
2305	Miscellaneous Cotter Pins
2305	Woodruff Keys

### 13—WHEEL, HUB AND DRUM GROUP

1301	Wheels
1301A	Bearings
1301B	Seals
1302	Hubs, Hub Caps, and Drums
1302A	Wheel Studs and Nuts

### 15—FRAME AND BRACKET GROUP

1500	Frame, Brackets and Chock Block Assembly
1500A	Spring Hangers, Brackets and Spacers

RA PD 337759

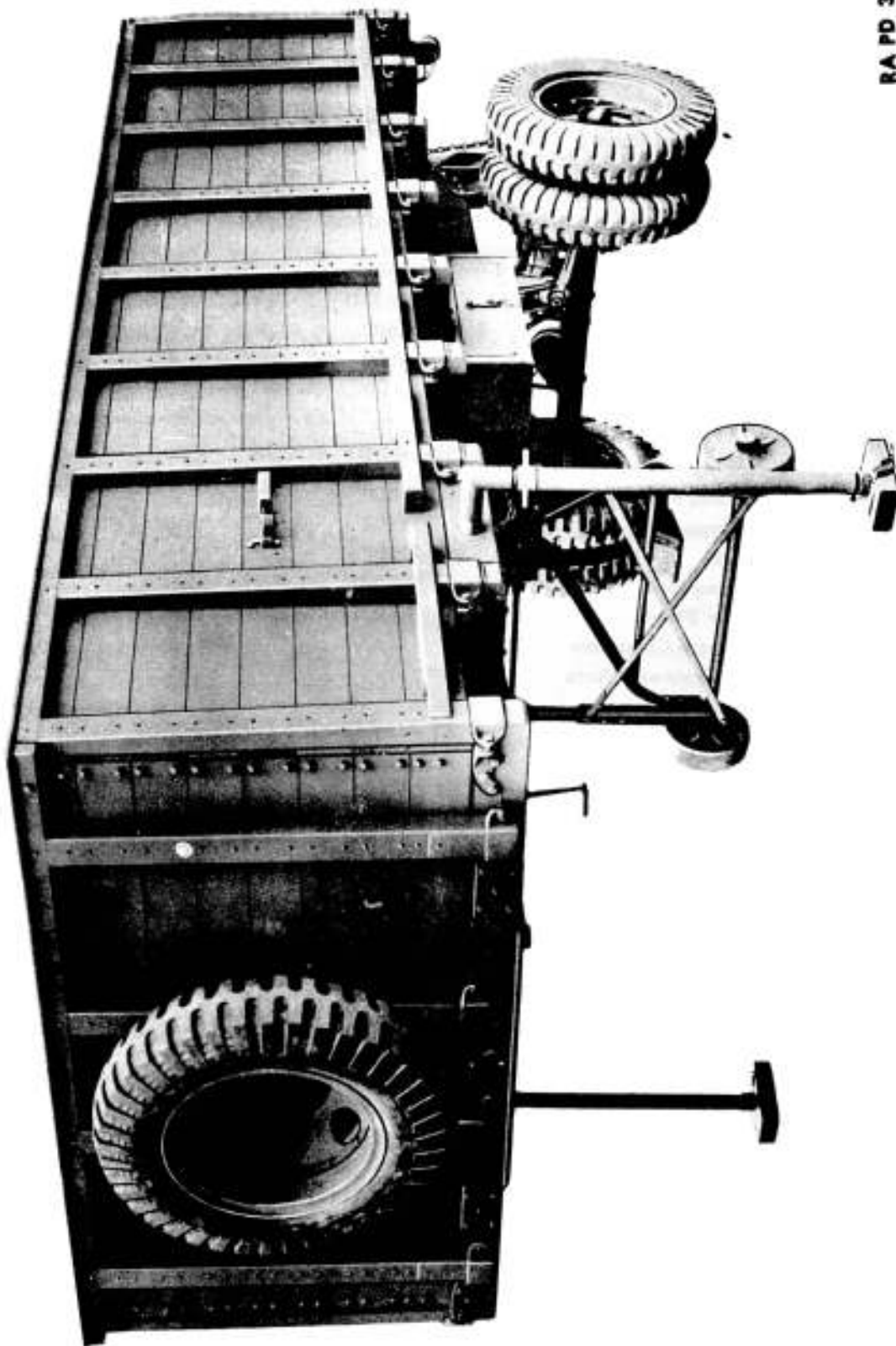


FIGURE A— $\frac{3}{4}$  FRONT VIEW