

**ARMY SERVICE FORCES CATALOG**

**ORD 9 SNL G-511**

**List of All Service Parts**

# **ORDNANCE SUPPLY CATALOG**

**Group G**

Technical Reference { **TM 9-817**  
**TM 9-1817**

## **List of All Service Parts**

**for**

# **Truck, 5 to 6-Ton, 4 x 4, C. O. E., Ponton Tractor and Van (Autocar Models U-8144-T and U-8144)**

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BY COMMAND OF GENERAL SOMERVELL:

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Refer to FM 21-6 for explanation of distribution formula.

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Group G

Technical Reference { TM 9-817  
TM 9-1817**LIST OF ALL SERVICE PARTS**

for

**Truck, 5 to 6-Ton,  
4 x 4, C. O. E.  
Ponton Tractor  
and Van  
(Autocar Models U-8144-T and U-8144)**

**G-E-N-E-R-A-L I-N-F-O-R-M-A-T-I-O-N**—This is a list of all items of Service for the Truck, 5 to 6-Ton, 4 x 4, C. O. E., Ponton Tractor and Van (Autocar Models U-8144-T and U-8144), arranged according to standardized government grouping. *WARNING: Many of the parts listed herein are not stocked for issue. See ORD 7 and 8 of the appropriate major combination SNL for those parts stocked for issue. In case parts not listed in ORD 8 are needed, separate requisitions for these parts should be forwarded through normal supply channels with justification therefor.*

This list of all service parts is to be used for identification and storage purposes. Every individual part is not necessarily stored itself; in fact, many parts are stored as authorized assemblies. Such

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## **GENERAL INFORMATION (Cont'd)**

assemblies are indicated herein. The components, however, of such assemblies are listed alphabetically within the group with the number of each particular part required for each unit assembly.

For full information relative to the Ordnance Supply Catalog, the procedure followed and the principles employed in their compilation, together with the purposes and use thereof, see ORD 1, Introduction; ORD 2, Index; and the (OPSR) Ordnance Provision System Regulations.

**FEDERAL STOCK NUMBER**—Classifications Codes for Federal Stock Numbers listed herein will be found in ORD 5-2 "Stock List".

### **S-P-E-C-I-A-L I-N-F-O-R-M-A-T-I-O-N**

**MAJOR ITEM DESIGNATION**—The major item covered by this catalog is designated as a general purpose vehicle as defined in paragraph 3, AR 850-15, dated 28 August 1943.

**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.

**ATTACHING PARTS**—Attaching parts, such as bolts, nuts, rivets, screws, washers, etc., are indented immediately under the item which they attach. Whenever two similar items, having the same attaching parts, such as right and left fenders, 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 part. The quantities shown for the attaching parts are those necessary to attach both items.

**ILLUSTRATIONS**—This catalog contains various illustrations to aid the user in locating and identifying parts. These are so placed as to be convenient for reference in connection with the text. For each part identified on an illustration the noun, part number and group number of the item is given. An index of illustrations by number, title and page is included with other indexes at the back of the book.

**INTERCHANGEABILITY OF COMPONENTS**—SNL G-510, SNL G-691, TRUCK, 4-5 Ton, 4 x 4, C. O. E., have similar engine, clutch, transmission and transmission transfer as contained in this SNL G-511.

**PUBLICATIONS PERTAINING TO THIS VEHICLE**—Ordnance Maintenance TM 9-1817 and TM 9-817.

**IDENTIFICATION PLATES**—Nomenclature Plate (Serial Number) on Instrument Panel Engine Serial Plate on left side of Engine.

**DEFINITION OF LOCATIONAL TERMS**—The terms **RIGHT** and **LEFT** are determined by standing at the rear of the vehicle and looking forward.

**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:

If the nomenclature (basic name) only is known, and the sub-group is not, refer to the alphabetical index in the back of the book. This index will give the sub-group in which the part is listed. As the part names are arranged in alphabetical order within this sub-group, the complete listing of the part can readily be found.

If any one of the Part Numbers—Ordnance Number, Stock Number or Manufacturer's Number—is known, refer to the appropriate numerical index in the back of the book. This index will give the sub-group number from which the part can be found by following the procedure given in the previous paragraph.

If the use, or function, or location of the part is known, refer to the illustration index to determine in which plate or plates the part is likely to appear; then turn to these plates until a picture of the part is found. The arrow pointing to the part will lead out to a listing of the name, part number and sub-group number, which will permit locating the complete listing of the part.

## GENERAL INFORMATION (Cont'd)

**INDEXES**—Indexes are listed in the back of the book in the following sequence: Illustrations, Alphabetical, Numerical (Ordnance Drawing Numbers, Manufacturers' and Vendors' Part Numbers and Stock Numbers).

**STOCK NUMBER**—The prefix letter and number of the stock number (i.e. G104-XXXXXXX, G103-XXXXXXX or G167-XXXXXXX) signifies that the particular part of 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.

**NOTICE** of discrepancies or suggested changes should be directed to Office, Chief of Ordnance—Detroit, Maintenance Division, Military Publications Branch, SPOMM-BM, Detroit 32, Michigan.

**STANDARDIZED GOVERNMENT GROUPING**—The parts listed in this catalog are divided into groups and sub-groups in accordance with the Standardized Government Grouping. This division into groups facilitates the location and identification of each part. The Standardized Government Grouping as adapted to this catalog is listed below.

### 01 ENGINE

- 0100 Engine Assembly
- 0101 Cylinder Block, Crankcase, Cylinder Head
- 0102 Crankshaft, Bearings
- 0103 Flywheel, Ring Gear, Housing
- 0104 Pistons, Rings, Pins, Connecting Rods and Bearings
- 0105.1 Valves, Springs, Guides, Seats
- 0105.2 Valve Clusters, Covers, Tappets
- 0105.3 Camshaft, Bearings
- 0105.4 Camshaft Drive
- 0105.5 Timing Gears
- 0106.1 Engine Lubricating Oil Pump
- 0106.2 Engine Lubricating Oil Filters
- 0106.4 Engine Lubricating Oil Pressure Regulator
- 0106.5 Crankcase Ventilation and Breather
- 0106.6 Engine Lubricating Oil Pan, Lines, Level Gage, Oil Filler
- 0108 Intake and Exhaust Manifolds, Heat Control
- 0109 Accessory Drive

### 02 CLUTCH

- 0200 Clutch Assembly, Housing
- 0201 Clutch Disk, Facing, Hub, Driven Plate, Pressure Plate, Springs, Pilot Bearing
- 0202 Clutch Release Block, Bearing, Levers, Oil Lines, Pedal and Pedal Linkage

### 03 FUEL SYSTEM

- 0301 Carburetor
- 0302 Fuel Pump
- 0304 Air Cleaner, Parts, Tubes, Hoses, Clamps
- 0306 Tanks and Lines, Fittings, Gages
- 0308 Engine Speed Governor
- 0309 Fuel Filter
- 0312 Accelerator, Hand Throttle and Choke Controls, Linkage

### 04 EXHAUST SYSTEM

- 0401 Muffler, Exhaust and Tail Pipes

### 05 COOLING SYSTEM

- 0501 Radiator, Shell, Core, Expansion Tank
- 0502 Deflectors
- 0503 Fittings, Lines, Hoses, Tubes, Clamps, Thermostat
- 0504 Water Pump
- 0505 Fan, Fan Drive, Fan Belts, Fan Pulley

### 06 ELECTRIC SYSTEM

- 0601 Generator
- 0602 Generator Regulator
- 0603 Cranking Motor
- 0604.1 Distributor
- 0605 Ignition Coil, Wiring, Spark Plugs, Switches
- 0607 Instruments, Panel, Panel Wiring, Lights and Lamps, Gages, Mountings for Panel
- 0608 Switches, Circuit Breakers, Terminal and Junction Boxes
- 0609.1 Head, Tail and Marker Lights, Lamps, Lamp-Units
- 0609.2 Auxiliary Lights, Lamps, Lamp-Units
- 0611 Horn, Horn Button
- 0612 Batteries, Hangers, Boxes, Cables
- 0613.1 Chassis Wiring Harnesses
- 0617 Trailer Couplings

### 07 TRANSMISSION

- 0700 Transmission Assembly
- 0701 Transmission Case, Covers, Gaskets, Seals, Caps
- 0702.1 Main Drive Pinion, Gears, Bearings, Spacers
- 0702.2 Main Shaft, Gears, Bearings, Spacers
- 0702.3 Reverse Idler Shaft and Countershaft
- 0704 Gear Shift Levers, Rods, Yokes, Forks, etc.

### 08 TRANSMISSION TRANSFER

- 0800 Transmission Transfer Assembly
- 0801 Transmission Transfer Case, Cage, Caps, Carrier Gaskets, Seals
- 0802.1 Main Shaft, Flange, Gears, Bearings, Spacers
- 0802.2 Idler Shaft, Gears, Bearings, Spacers
- 0802.3 Output Shaft, Flange, Gears, Bearings, Clutch
- 0802.4 Declutch Shaft, Flange, Gears, Bearings, Clutch
- 0804 Gear Shift Levers, Shafts, Yokes, Forks

## STANDARDIZED GOVERNMENT GROUPING (Cont'd)

### 09 PROPELLER SHAFTS

0900 Propeller Shafts, Universal Joint Assemblies and Parts

### 10 FRONT AXLE

1000 Front Axle Assembly  
1001 Front Axle Housing, Plugs, Seals, Sleeves  
1002 Front Axle Gears, Pinions, Shafts, Carrier, Bearings  
1004 Front Axle Steering Knuckles, Flanges  
1005.5 Front Axle Breather  
1006 Front Axle Universal Joints, Shafts, Flanges

### 11 REAR AXLE

1100 Rear Axle Assembly  
1101 Rear Axle Housing, Plugs, Seals, Sleeves  
1102 Rear Axle Gears, Pinions, Shafts, Carrier, Bearings  
1104 Rear Axle Shafts, Flanges  
1105.5 Rear Axle Breather

### 12 BRAKES

1201 Hand Brake System  
1202 Service Brake Shoes, Facings, Supports, Guides, Anchors, Springs, Adjusting Parts, Camshafts  
1206 Mechanical Items—Pedal, Rod, Spring  
1208 Air Brake Lines, Fittings, Hoses, Brackets  
1208.1 Air Brake Control Valves  
1208.2 Air Brake Chambers  
1208.3 Air Brake Governor  
1208.4 Air Brake Low Pressure Indicator  
1208.5 Air Brake Relay Valve  
1208.6 Air Brake Quick Release Valve  
1208.7 Air Brake Check Valves  
1208.8 Air Brake Air Supply and Safety Valves  
1208.9 Air Brake Stop Light Switch  
1209 Air Compressor and Parts, Tanks and Fittings  
1211 Trailer Brake Connections

### 13 WHEELS, HUBS AND DRUMS

1311 Wheels, Bearings, Seals, Studs, Nuts  
1312 Hubs and Drums  
1313 Tires and Tubes

### 14 CONTROLS

1401 Steering Mechanism—Drag Link, Tie Rod, Steering Gear

### 15 FRAME AND BRACKETS

1501 Frame Assembly and Brackets  
1503 Pintle, Towing Attachments, Lifting Shackles  
1506 Fifth Wheel

### 16 SPRINGS AND SHOCK ABSORBERS

1601 Springs, Shackles, Mounting Parts  
1602 Auxiliary Springs  
1604 Shock Absorbers

### 17 FENDERS, HOOD, RUNNING BOARDS

1701 Fenders, Running Boards, Steps  
1703 Hood, Cowl, Fan Cover

### 18 CAB AND BODY

1800 Cab Assembly  
1801 Cab Mounting, Attaching Parts  
1803.1 Exterior Doors  
1804 Panels, Sill, Windshield, Glass, Brackets, Rifle Holders, Ventilator, Weatherstrip  
1805 Floorboards, Toeboards, Deck, Supports, Finish Plates  
1806 Seats, Seat Supports, Cushions, Seals  
1808 Tool Box, Supports  
1809 Ponton Body, Van Body

### 20 WINCH, POWER TAKE-OFF

2001 Winch Assembly, Winch Drive  
2002 Power Take-off Assembly, Controls

### 21 BUMPERS AND GUARDS

2101 Bumpers, Brackets, Gussets, Radiator and Light Guards

### 22 MISCELLANEOUS CAB, CHASSIS AND ACCESSORIES ITEMS

2201 Canvas Items, Bows, Curtains  
2202 Mirrors, Reflectors, Windshield Wipers, Caution and Instruction Plates  
2208.1 Speedometer Head, Drive Shaft, Adapter  
2208.2 Tachometer Head, Drive Shaft

## LIST OF ABBREVIATIONS

alloy-S.....	alloy steel	lb.....	pound
anld.....	annealed	L.H.....	left hand
AR.....	as required	M.I.....	malleable iron
bdg-hd.....	binding head	mm.....	millimeter
br.....	brass	mtg.....	mounting
BWG.....	Birmingham Wire Gage	NC.....	National Coarse
bz.....	bronze	Neop.....	Neoprene
cal.....	caliber	NF.....	National Fine
cap.....	capacity	No.....	number
cd-pltd.....	cadmium plated	NPT.....	National Pipe Thread
cham-fl-ck-hd.....	chamfered flat countersunk head	O.D.....	outside diameter
C.I.....	cast iron	O/S.....	oversize
ck.....	countersunk	oval-fl-hd.....	oval fillister head
cold-fin.....	cold finish	oval-hd.....	oval head
cop.....	copper	pt.....	point
c.p.....	candle power	reg.....	regular
deg.....	degree	rd-hd.....	round head
diam.....	diameter	R.H.....	right hand
dld. f/c-pin.....	drilled for cotter pin	S.....	steel
dld. f/lkg-wire.....	drilled for locking wire	SAE.....	Society of Automotive Engineers
dog-pt.....	dog point	s-fin.....	semi-finished
ext.....	external	slotted-hd.....	slotted head
fil-hd.....	fillister head	sq-hd.....	square head
fl-hd.....	flat head	S.R.....	single row
ft.....	feet	std.....	standard
ga.....	gage	stght.....	straight
glvd.....	galvanized	tee-hdl.....	tee handle
hdls.....	headless	thd.....	thread
hex.....	hexagon	thin-hd.....	thin head
hex-hd.....	hexagonal head	truss-hd.....	truss head
hv.....	heavy	U.S.....	United States
I.D.....	inside diameter	U/S.....	undersize
in.....	inch	v.....	volt
int.....	internal	w/.....	with
int-ext.....	internal-external	w/o.....	without

## LIST OF MANUFACTURERS' SYMBOLS

AB	AETNA BALL BEARING MANUFACTURING COMPANY.....	Chicago, Ill.
AC	AC SPARK PLUG DIVISION (GENERAL MOTORS CORPORATION).....	Flint, Mich.
ACC	AMERICAN CABLE DIVISION (AMERICAN CHAIN & CABLE COMPANY).....	New York, N. Y.
AD	ALEMITE DIVISION (STEWART-WARNER CORPORATION).....	Chicago, Ill.
AHR	AMERICAN HARD RUBBER COMPANY.....	New York, N. Y.
AL	ELECTRIC AUTO-LITE COMPANY.....	Toledo, Ohio
AUC	AUTOCAR COMPANY (THE).....	Ardmore, Pa.
BW	BUDD WHEEL COMPANY.....	Detroit, Mich.
BWE	BENDIX-WESTINGHOUSE AUTOMOTIVE AIR BRAKE COMPANY.....	Elyria, Ohio
CM	CHICAGO RAWHIDE MANUFACTURING COMPANY (THE).....	Chicago, Ill.
CP	CHAMPION SPARK PLUG COMPANY.....	Toledo, Ohio
CWL	C. COWLES & COMPANY.....	New Haven, Conn.
DN	DONALDSON COMPANY, INC.....	St. Paul, Minn.
DR	DELCO-REMY DIVISION (GENERAL MOTORS CORPORATION).....	Anderson, Ind.
DSF	DAYTON STEEL FOUNDRY COMPANY.....	Dayton, Ohio
ECM	ECLIPSE MACHINE DIVISION (BENDIX AVIATION CORPORATION).....	Elmira, N. Y.
ES	ELECTRIC STORAGE BATTERY COMPANY.....	Philadelphia, Pa.
FR	FRAM CORPORATION.....	East Providence, R. I.
GL	GUIDE LAMP DIVISION (GENERAL MOTORS CORPORATION).....	Anderson, Ind.
GLH	L. H. GILMER COMPANY.....	Philadelphia, Pa.
GTS	GITS BROS. MANUFACTURING COMPANY.....	Chicago, Ill.
HA	HANDY GOVERNOR DIVISION (KING-SEELEY CORPORATION).....	Ann Arbor, Mich.
HC	COLE-HERSEE COMPANY.....	South Boston, Mass.
HE	HOUDE ENGINEERING CORPORATION.....	Buffalo, N. Y.
HM	HERCULES MOTORS CORPORATION.....	Canton, Ohio
HY	HYATT BEARINGS DIVISION (GENERAL MOTORS CORPORATION).....	Harrison, N. J.
KLC	KEYSTONE LUBRICATING COMPANY.....	Philadelphia, Pa.
LI	LISLE CORPORATION.....	Clarinda, Iowa
LPE	LIPE-ROLLWAY CORPORATION.....	Syracuse, N. Y.
MG	MCGILL MANUFACTURING COMPANY, INC.....	Valparaiso, Ind.
MZ	"MAZDA"—GENERAL ELECTRIC COMPANY.....	Schenectady, N. Y.
NC	NICE BALL BEARING COMPANY.....	Philadelphia, Pa.
ND	NEW DEPARTURE DIVISION (GENERAL MOTORS CORPORATION).....	Bristol, Conn.
PG	PIERCE GOVERNOR COMPANY.....	Anderson, Ind.
RG	ROSS GEAR & TOOL COMPANY.....	Lafayette, Ind.
SKF	SKF INDUSTRIES, INC.....	Philadelphia, Pa.
SP	SPICER MANUFACTURING CORPORATION.....	Toledo, Ohio
SPT	SPENCER THERMOSTAT COMPANY.....	Attleboro, Mass.
STN	STANT MANUFACTURING COMPANY.....	Connersville, Ind.
SW	STEWART-WARNER CORPORATION.....	Chicago, Ill.
SZ	SCHWITZER-CUMMINS COMPANY.....	Indianapolis, Ind.
TD	TIMKEN-DETROIT AXLE COMPANY.....	Detroit, Mich.
TIM	TIMKEN ROLLER BEARING COMPANY (THE).....	Canton, Ohio
TP	THOMPSON PRODUCTS, INC.....	Cleveland, Ohio
TRI	TRICO PRODUCTS CORPORATION.....	Buffalo, N. Y.
TS	TROY SUNSHADE COMPANY (THE).....	Troy, Ohio
UTS	UNITED SPECIALTIES COMPANY.....	Chicago, Ill.
WH	WEATHERHEAD COMPANY (THE).....	Cleveland, Ohio
YH	YORK HOOVER BODY CORPORATION.....	York, Pa.
Z	ZENITH CARBURETOR DIVISION (BENDIX AVIATION CORPORATION).....	Detroit, Mich.



## NOTES

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