

ARMY SERVICE FORCES CATALOG **ORD 9 SNL G-510**

List of All Service Parts
Includes ORD 9 SNL G-691

ORDNANCE SUPPLY CATALOG

Group G

Technical Reference TM 9-816

Standard Nomenclature List No. G-510
Standard Nomenclature List No. G-691

LIST OF ALL SERVICE PARTS

for

Truck, 4 to 5-Ton, 4 x 4, C. O. E., Tractor

(Autocar Model U-7144-T) (G-510)
(White Model 444) (G-691)

Parts formerly listed in TM 10-1116, TM 10-1566 and
TM 10-1568, are now included in this Ord 9 SNL G-510.

HEADQUARTERS, ARMY SERVICE FORCES, 1 JUNE 1945

Headquarters, Army Service Forces,

Washington 25, D. C., 1 June 1945

Army Service Forces Ordnance Supply Catalog, ORD 9, SNL G-510, and G-691, List of all Service Parts, for Truck, 4 to 5-Ton, 4 x 4, C. O. E., Tractor, Autocar Model U-7144-T and White Model 444, has been prepared under the supervision of the Chief of Ordnance and is published for the information and guidance of all concerned.

SPX 461 (1 May 1945)

By command of General SOMERVELL:

W. D. STYER,

Lieutenant General, General Staff Corps,
Chief of Staff.

OFFICIAL:

J. A. ULIO,
Major General,
The Adjutant General.

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

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(Autocar Model U-7144-T) (G-510)**(White Model 444) (G-691)****GENERAL INFORMATION**

For full information relative to Standard Nomenclature Lists, the procedure followed and principles employed in the compilation, together with the purposes and uses thereof, see the Introduction to the Ordnance Catalog (ORD 1 10C), the Ordnance Provision System Regulations (OPSR) and the Ordnance Publications for Supply Index (ORD 2 OPSI).

The Standard Nomenclature Lists for major items consists of three main parts: The Organizational Spare Parts and Equipment (ORD 7), the Higher Echelon Spare Parts and Equipment (Addendum) (ORD 8), and the List of all Service Parts (ORD 9). These three subdivisions may be published separately or may be combined. In this publication the ORD 9 is printed separately.

QUICK REFERENCE INDEXGeneral
InformationEngine
Group 01Clutch
Group 02Fuel
Group 03Exhaust
Group 04Cooling
Group 05Electrical
Group 06Transmission
Group 07Transfer Case
Group 08Propeller Shaft
and Universal
Joint Group 09Front Axle
Group 10Rear Axle
Group 11Brake
Group 12Wheels, Hubs
and Drum
Group 13Steering
Group 14Frame and
Brackets
Group 15Springs and
Shock Absorber
Group 16Fenders
Group 17Body
Group 18Guards
Group 21Misc. Body,
Chassis and
Access. Group 22Radio
Group 26

Notes

INDEXES

GENERAL INFORMATION (Cont'd)

SCOPE

This List of All Service Parts contains information for the identification of all parts which are considered items of service for the vehicle listed below:

Truck, 4 to 5-Ton, 4 x 4, C. O. E., Tractor, (Autocar Model U-7144-T) (White Model 444)

THIS PUBLICATION IS NOT TO BE USED FOR THE REQUISITIONING OF PARTS. IT IS TO BE USED ONLY FOR INFORMATION AND IDENTIFICATION.

STANDARDIZED GOVERNMENT GROUPING

The parts listed in this catalog are divided into groups and subgroups 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 outlined on pages 6 and 7.

ILLUSTRATIONS

Exploded views aid the user of this catalog in locating and identifying parts. All illustrations are placed as close as possible to the group to which they apply, and are identified by a figure number and title. On each illustration or separate reference legend, the noun name, piece mark and group number of each part illustrated are given. A list of illustrations, and an index of all figures and the pages on which they appear will be found in the back of the book.

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.

INDEXES

Indexes are listed in the back of the book in the following sequence: Alphabetical, Illustrations, Official Stock Numbers, Manufacturers and Ordnance Part Numbers, and Cross-reference List of Autocar to White numbers and White to Autocar numbers.

OFFICIAL STOCK NUMBER

The prefix letter and number of the official stock number (i.e. G104-XX-XXXXXX, G103-XX-XXXXXX or G167-XX-XXXXXX) 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 official stock number for this same part.

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.

ORD 9, SNL G-510, G-691

GENERAL INFORMATION (Cont'd)

DEFINITION OF LOCATIONAL TERMS

RIGHT or **LEFT** designation is given to an item in respect to its position in the vehicle when it is viewed from the rear facing 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 subgroup is not, refer to the alphabetical index in the back of the book. 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.

If any one of the Part Numbers — Ordnance Number, Official 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 subgroup 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 subgroup number, which will permit locating the complete listing of the part.

NOTE

CROSS-REFERENCE LIST OF AUTOCAR TO WHITE NUMBERS AND WHITE TO AUTOCAR NUMBERS WILL BE FOUND IN THE BACK OF BOOK. TRUCK, 4 TO 5-TON, 4 x 4, C. O. E., TRACTOR (AUTOCAR MODEL U-7144-T), IS IDENTICAL WITH TRUCK, 4 TO 5-TON, 4 x 4, C. O. E., TRACTOR (WHITE MODEL 444), ALTHOUGH WHITE HAS ASSIGNED ITS OWN NUMBERS.

LIST OF ABBREVIATIONS

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

MANUFACTURERS' IDENTIFICATION 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
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	HOUE 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.
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
Z	ZENITH CARBURETOR DIVISION (BENDIX AVIATION CORPORATION)	Detroit, Mich.

STANDARDIZED GOVERNMENT GROUPING

01 ENGINE GROUP

0100 Engine Assembly
 0101A Cylinder Block
 0101B Cylinder Head
 0102 Crankshaft
 0102A Crankshaft Bearings
 0103 Pistons
 0103A Rings
 0103B Piston Pins
 0104 Connecting Rods
 0104A Connecting Rod Bearings
 0105 Valves, Seats, Guides and Springs
 0105A Tappets or Lifts
 0105D Valve Covers and Gaskets
 0106 Camshaft
 0106A Camshaft Bearings
 0106B Timing Gears
 0106D Gear Case Cover and Gaskets
 0107 Oil Pump
 0107A Oil Pan
 0107E Oil Filter
 0107F Oil Filter Mounting Parts
 0107G Oil Filler
 0107H Level and/or Float Gages
 0107J Oil Lines and Fittings
 0107K Oil Pressure Regulator
 0107M Oil Breather
 0107N Crankcase Ventilator
 0108 Manifolds as an Assembly
 0108A Intake Manifold
 0108B Exhaust Manifold
 0108C Heat Controls
 0109 Flywheel
 0109B Ring Gear
 0109C Flywheel Housing
 0110 Mountings
 0113B Accessory Drive

02 CLUTCH GROUP

0200 Clutch Assembly
 0201 Clutch Disc
 0201A Facings and Rivets
 0202 Cover, Pressure Plates and Springs
 0203 Release Yoke, Bearings and Fork
 0204 Pedal
 0204A Pedal Linkage
 0205 Pilot Bearings
 0207 Housing

03 FUEL GROUP

0300 Fuel Tanks
 0300A Tank Gage Unit
 0301 Carburetor
 0301A Carburetor Mounting Parts
 0301B Choke (Automatic) and/or Choke Control
 0301C Air Cleaner
 0302 Fuel Pump
 0302A Fuel Pump Mounting Parts
 0303 Accelerator and Linkage
 0303A Hand Throttle and Linkage
 0304 Fuel Lines
 0305 Governor
 0305A Governor Controls
 0306 Fuel Filters

04 EXHAUST GROUP

0401 Muffler
 0402 Exhaust Pipe
 0402A Tail Pipe

05 COOLING GROUP

0501 Radiator
 0502 Thermostat
 0503-1 Water Pump, AUC-5UU040
 0503-2 Water Pump, AUC-5UUA040
 0503A Fans
 0503B Fan and Generator Belts
 0504 Radiator Mountings
 0505 Engine Water Fittings and Hose

06 ELECTRICAL GROUP

0601 Generator
 0601B Regulators
 0602 Cranking Motor
 0602-1 Cranking Motor AUC-16HM4560
 0602-2 Cranking Motor AUC-16UUB3560
 0602A Cranking Motor Magnetic or Solenoid Switch
 0603 Distributor
 0603-1 Distributor AUC-8UU3470
 0603-2 Distributor AUC-8UU3470A
 0604 Ignition Coil
 0604A Ignition Wiring
 0604B Spark Plugs
 0604C Ignition Lock or Switch
 0605 Instruments (Ammeter, Oil Gage, Water Temperature Gage, Voltmeter and all Functional Parts)
 0605B Instrument Wiring
 0605C Panel Light
 0606 Switches
 0606B Chassis Wiring
 0606D Circuit Breakers
 0606E Terminal Boxes
 0606F Trailer Electric Coupling Parts
 0607 Head Lights
 0607A Lamp-Units (Sealed Beams)
 0607B Lamps
 0607D Parking and/or Blackout Lights
 0608 Tail Lights and/or Blackout Lights
 0609 Horns
 0609A Horn and/or Siren Button and Wiring
 0610 Battery
 0610A Battery Hangers and/or Box
 0610B Starting Cables Connections

07 TRANSMISSION GROUP

0700 Transmission Assembly
 0701 Case
 0703 Main Drive Pinion and Bearings
 0704 Main Shaft and Bearings
 0704B Gears
 0704C Countershaft and Reverse Idler Shaft
 0706 Gear Shift Cover or Housing
 0706A Gear Shift Lever and Parts
 0706B Gear Shifter Rails and Parts
 0706C Gear Shifter Yokes or Forks

STANDARDIZED GOVERNMENT GROUPING – Continued

08 TRANSFER CASE GROUP

- 0800 Transmission Transfer Assembly
- 0801 Case
- 0802 Drive Gears, Shaft, Bearings
- 0803 Driven Gear, Shaft, Bearings
- 0804 Idler Gear, Shaft, Bearings
- 0804A Declutch Shaft, Bearings and Parts
- 0805 Shifter Shafts
- 0805A Yokes
- 0805B Shift Levers
- 0805C Declutch Lever and Parts
- 0809 Mountings
- 0810 Speedometer Drive Gears

09 PROPELLER SHAFT AND UNIVERSAL JOINT GROUP

- 0901 Propeller Shaft Assemblies
- 0902 Universal Joints

10 FRONT AXLE GROUP

- 1000 Front Axle Assembly
- 1001 Housing
- 1002 Differential and Carrier Assembly
- 1003 Differential Gears, Pinion and Bearings
- 1006 Steering Knuckle, Flange and Arm
- 1007 Axle Shafts, Universal Joints and Drive Flange

11 REAR AXLE GROUP

- 1100 Rear Axle Assembly
- 1101 Housing Assembly
- 1102 Axle Drive Shafts
- 1103 Differential and Carrier Assembly
- 1104 Differential Case Gears, Pinions and Bearings

12 BRAKE GROUP

- 1201 Hand Brake and/or Emergency Brake and Parts
- 1202 Shoes and Facings
- 1203 Brake Shoe Support
- 1203A Guide Springs
- 1203C Slack Adjusters
- 1203D Brake Camshaft
- 1204 Pedal and Springs
- 1207A Brake Diaphragm Chambers (Front)
- 1207B Brake Diaphragm Chambers (Rear)
- 1209 Brake Lines
- 1209B Hoses
- 1209C Tubes, Clips and Tube Connectors
- 1209D Brackets and Springs
- 1209E Relay Valve
- 1209F Foot Brake Valve
- 1209G Quick Release Valve
- 1209H Check Valves
- 1209J Reservoir Tank
- 1209K Safety Valve
- 1209L Governor
- 1209M Low Pressure Indicator
- 1209N Cut-out Cock
- 1213 Air Compressor Assembly
- 1213A Compressed Air Brake Controls

13 WHEELS, HUBS AND DRUM GROUP

- 1301 Wheels
- 1301A Bearings
- 1301B Seals
- 1301C Retainers
- 1302 Hubs and Drums
- 1302A Wheel Studs and Nuts

14 STEERING GROUP

- 1401 Steering Connecting Rod Drag Link
- 1402 Tie Rod
- 1403 Gear Assembly
- 1403A Steering Gear Parts
- 1404 Wheel Assembly
- 1405 Brackets

15 FRAME AND BRACKETS GROUP

- 1500 Frame and Brackets
- 1501 Towing Attachments
- 1501A Lifting Attachments
- 1502 Pintle Hook
- 1507 Fifth-Wheel—Trailers

16 SPRINGS AND SHOCK ABSORBER GROUP

- 1601 Front Springs
- 1601A Rear Springs
- 1601B Auxiliary or Helper Springs
- 1601C Spring Bumpers
- 1602 Shackles and Spring Mounting Parts
- 1603 Shock Absorbers and Mountings

17 FENDERS GROUP

- 1701 Fenders
- 1701A Aprons
- 1703 Running Boards
- 1704 Hoods
- 1705 Miscellaneous Sheet Metal

18 BODY GROUP

- 1800A Cab Assembly
- 1801 Body Mounting Parts
- 1802A Body Panels
- 1803 Floor Mats and Seals
- 1803A Floorboards and Toeboards
- 1804A Cushions or Upholstery
- 1804B Seat Adjusters and Supports
- 1805 Door Assemblies
- 1805A Door Hinges and Parts
- 1805B Door Locks
- 1805D Door Handles
- 1805E Door Window Control Mechanism
- 1805F Door Dovetails
- 1805H Deck Lid Assembly
- 1806 Sill Plates
- 1807 Body Inside Trim, Door Trim, Panels
- 1809 Instrument Panel and Dash
- 1810 Cowl Ventilator
- 1810A Ventilating Units, Manual
- 1811 Windshield Assembly
- 1811B Windshield Frame Molding and Seals

STANDARDIZED GOVERNMENT GROUPING – Continued

18 BODY GROUP — Continued

1811C Windshield Wiper Assembly
 1811D Windshield Wiper Parts and Tubing
 1811E Windshield Wiper Arms and Blade
 1811F Hood Catch
 1812 Window Glass or Door Glass
 1812A Glass Channels
 1812B Moldings and Seals
 1812C Weatherstrips
 1817 Tool Box
 1820 Gun Supports and/or Brackets

21 GUARDS GROUP

2103 Radiator Guard
 2103A Light Guards

22 MISCELLANEOUS BODY, CHASSIS AND ACCESSORIES GROUP

2201 Tarpaulins
 2201A Bows
 2201B End Curtains
 2201F Side Curtains
 2202 Rear View Mirrors
 2203 Identification and Caution Plates
 2203A Reflector Jewel
 2204 Speedometer and Parts
 2205 Tachometer Assembly Parts
 2206 Heater
 2207 Defroster
 2208B Tire Inflation Device

26 RADIO GROUP

2603 Radio Suppression System Parts