

ARMY SERVICE FORCES CATALOG

ORD 9

SNL G-102

***RESTRICTED**

ORDNANCE SUPPLY CATALOG

GROUP G

Technical Reference TM 9-710

(STANDARD NOMENCLATURE LIST No. G-102)

List of All Parts

for

HALF-TRACK VEHICLES

(WHITE, AUTOCAR AND DIAMOND T)

- | | |
|---|--|
| <p>CAR, HALF-TRACK, M2
 CAR, HALF-TRACK, M2A1
 CAR, HALF-TRACK, M3A2
 CARRIER, PERSONNEL, HALF-TRACK, M3
 CARRIER, PERSONNEL, HALF-TRACK, M3A1
 CARRIER, 81-MM MORTAR, HALF-TRACK, M4
 CARRIER, 81-MM MORTAR, HALF-TRACK, M4A1
 CARRIER, 81-MM MORTAR, HALF-TRACK, M21
 CARRIAGE, MOTOR, 57-MM GUN, T48</p> | <p>CARRIAGE, MOTOR, 75-MM HOWITZER, T30
 CARRIAGE, MOTOR, 105-MM HOWITZER, T19
 CARRIAGE, MOTOR, MULTIPLE GUN, M13 (T1E4)
 CARRIAGE, MOTOR, MULTIPLE GUN, M15 (T28E1)
 CARRIAGE, MOTOR, COMBINATION GUN, M15A1
 CARRIAGE, MOTOR, MULTIPLE GUN, M16
 CARRIAGE, MOTOR, TWIN 20-MM GUN, T10E1</p> |
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(Supersedes SNL G-102 Service Parts Catalog, dated 30 September 1943 and changes thereto which should be collected and destroyed.)

“Dissemination of restricted matter:—The information contained in restricted documents and the essential characteristics of restricted materiel may be given to any person known to be in the service of the United States and to persons of undoubted loyalty and discretion who are cooperating in Government work, but will not be communicated to the public or to the press except by authorized military public relations agencies. (See also paragraph 23b, AR 380-5, 15 March 1944.)”

Distribution: See Inside Front Cover.

HEADQUARTERS, ARMY SERVICE FORCES, 1 DECEMBER 1944

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General Information

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INDEXES

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. Illustrations, Alphabetical, Numerical (Official Stock Numbers, Vendor's Part Numbers, Ordnance Part Numbers and Cross Reference, Vehicle Manufacturer's Cross Reference).

OFFICIAL STOCK NUMBER—The prefix letter and number of the official stock number (i.e., G104-XXXXXXX, G103-XXXXXXX or G167-XXXXXXX) 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.

MANUFACTURERS' IDENTIFICATION SYMBOL—Identification symbols have been assigned to manufacturers' part numbers. These symbols are prefixed to the part numbers in this book and a list of manufacturers is shown on pages 11 to 13.

LIST OF ABBREVIATIONS—A list of the abbreviations appearing in this book is shown on pages 10 and 11.

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.

The major item covered by this catalog is designated as a combat vehicle, as defined in Paragraph 3, AR 850-15, dated 28 August 1943.

PUBLICATIONS PERTAINING TO THIS VEHICLE

- Technical Manual 1st and 2nd Echelon..... **TM 9-710**
- Technical Manual 3rd and 4th Echelon
- “Ordnance maintenance: Power train (axles, transmission and propeller shaft) for half-track vehicles” (White, Autocar, Diamond T) (18 July 1942) (Reprinted as **TM 9-1710A**).... **TM 9-1710**
- “Ordnance maintenance: Chassis and body for half-track vehicles” (White, Autocar, Diamond T) (11 Sept. 1942)..... **TM 9-1710C**
- “Ordnance maintenance: White 160AX engine, half-track vehicles” (26 Jan. 1942)..... **TM 9-1711**

MAINTENANCE PARTS FOR ARMAMENT, SIGHTING AND FIRE CONTROL EQUIPMENT

	Reviewed in the following SNL's:		Reviewed in the following SNL's:
CAR, HALF-TRACK, M2			
BINOCULAR, M3	SNL F-210	GUN, machine, Cal. .30, Browning, M1919A4, flexible	SNL A-6
GUN, machine, Cal. .30, Browning, M1919A4, flexible	SNL A-6	GUN, machine, Cal. .50, Browning, M2, HB, flexible	SNL A-39
GUN, machine, Cal. .50, Browning, M2, HB, flexible	SNL A-39	GUN, submachine, Cal. .45, M3	SNL A-58
GUN, submachine, Cal. .45, Thompson, M1928A1 or M1	SNL A-32	LAUNCHER, rocket, A.T., 2.36, M1A1, or	SNL B-36
MOUNT, machine gun, Cal. .30 or Cal. .50, M35	SNL A-55, Section 28	LAUNCHER, rocket, A.T., 2.36 in. M9	SNL B-41
MOUNT, tripod, machine gun, Cal. .30, M2	SNL A-6	MOUNT, ring, M49 (D54500)	SNL A-55, Section 19
MOUNT, tripod, machine gun, Cal. .50, M3	SNL A-39	MOUNT, tripod, machine gun, Cal. .30, M2	SNL A-6
		MOUNT, tripod, machine gun, Cal. .50, M3	SNL A-39
		RIFLE, U. S., Cal. .30, M1	SNL B-21
CAR, HALF-TRACK, M2A1			
BINOCULAR, M3	SNL F-210	CARRIER, PERSONNEL, HALF-TRACK, M3	
CRADLE, assembly (D54075)	SNL A-55, Section 28	BINOCULAR, M3	SNL F-210
GUN, machine, Cal. .30, Browning, M1919A4, flexible	SNL A-6	CRADLE, assembly (D54075)	SNL A-55, Section 28
GUN, machine, Cal. .50, Browning, M2, HB, flexible	SNL A-39	GUN, machine, Cal. .30, Browning, M1919A4, flexible	SNL A-6
GUN, submachine, Cal. .45, Thompson, M1928A1 or M1	SNL A-32	GUN, submachine, Cal. .45, Thompson, M1928A1 or M1	SNL A-32
MOUNT, ring, M49	SNL A-55, Section 19	MOUNT, tripod, machine gun, Cal. .30, M2	SNL A-6
MOUNT, tripod, machine gun, Cal. .30 M2	SNL A-6	MOUNT, truck, pedestal, M25	SNL A-55, Section 17
MOUNT, tripod, machine gun, Cal. .50, M3	SNL A-39	RIFLE, U. S., Cal. .30, M1	SNL B-21
		CARRIER, PERSONNEL, HALF-TRACK, M3A1	
		BINOCULAR, M3	SNL F-210
		CRADLE, assembly (D54075)	SNL A-55, Section 28
		GUN, machine, Cal. .30, Browning, M1919A4, flexible	SNL A-6

MAINTENANCE PARTS FOR ARMAMENT, SIGHTING AND FIRE CONTROL EQUIPMENT (Cont'd)

	Reviewed in the following SNL's:		Reviewed in the following SNL's:
CARRIER, PERSONNEL, HALF-TRACK, M3A1 (Cont'd)		CARRIER, 81-MM MORTAR, HALF-TRACK, M21	
GUN, machine, Cal. .50, Browning, M2, HB, flexible.....	SNL A-3:	POST, aiming, M6, 6-ft., aluminum handle (for 81-MM mortar).....	SNL F-191
GUN, submachine, Cal. .45, Thompson, M1928A1 or M1.....	SNL A-32	SIGHT, M6 (T9) (for 81-MM mortar carrier, M4A1).....	SNL F-148
MOUNT, ring, M49 (D54500).....	SNL A-55, Section 19	CARRIER, 81-MM MORTAR, HALF-TRACK, M21	
MOUNT, tripod, machine gun, Cal. .30, M2.....	SNL A-6	BINOCULAR, M3.....	SNL F-210
MOUNT, tripod, machine gun, Cal. .50, M3.....	SNL A-39	GUN, machine, Cal. .50, Browning, M2, HB, flexible.....	SNL A-39
RIFLE, U. S. Cal. .30, M1.....	SNL B-21	GUN, submachine, Cal. .45, Thompson, M1928A1 or M1.....	SNL A-32
CARRIER, 81-MM MORTAR, HALF-TRACK, M4		LAUNCHER, rocket, A.T., 2.36 in. T21.....	SNL —
GUN, machine, Cal. .30, Browning, M1919A4, flexible.....	SNL A-6	MORTAR, 81-MM, M1.....	SNL A-33
GUN, machine, Cal. .50, Browning, M2, HB.....	SNL A-39	MOUNT, mortar, 81-MM, 1 (w/o base plate).....	SNL A-33
MORTAR, 81-MM, M1.....	SNL A-33	MOUNT, pedestal, (D7115438).....	SNL —
MOUNT, mortar, 81-MM, M1.....	SNL A-33	MOUNT, tripod, machine gun, Cal. .50, M3.....	SNL A-39
MOUNT, machine gun, Cal. .30 or Cal. .50, M35.....	SNL A-55, Section 28	POST, aiming, M4, 46 in., aluminum handle (pack artillery) (for 81-MM mortar).....	SNL F-191
MOUNT, tripod, machine gun, Cal. .30, M2.....	SNL A-6	POST, aiming, M5, 2-ft., aluminum handle (for 81-MM mortar).....	SNL F-191
MOUNT, tripod, machine gun, Cal. .50, M3.....	SNL A-39	POST, aiming, M6, 6-ft., aluminum handle (for 81-MM mortar).....	SNL F-191
CARRIER, 81-MM MORTAR, HALF-TRACK, M4A1		SIGHT, M6 (T9) (for 81-MM mortar carrier).....	SNL F-148
BINOCULAR, M3.....	SNL F-210	CARRIAGE, MOTOR, 57-MM GUN, T48	
GUN, machine, Cal. .30, Browning, M1919A4, flexible.....	SNL A-6	BINOCULAR, M3.....	SNL F-210
GUN, submachine, Cal. .45, Thompson, M1928A1 or M1.....	SNL A-32	GUN, 57-MM, M1.....	SNL C-41
LAUNCHER, rocket, A.T., HE, 2.36 in., M1.....	SNL B-36	LAUNCHER, grenade.....	SNL B-39
MORTAR, 81-MM, M1.....	SNL A-33	MECHANISM, recoil, 57-MM, M12.....	SNL C-41
MOUNT, machine gun, Cal. .30 or Cal. .50, M35.....	SNL A-55, Section 28	MOUNT, gun, 57-MM, T5.....	SNL C-41
MOUNT, mortar, 81-MM, M1.....	SNL A-33	MOUNT, telescope, M24 or M24A1 (for 57-MM gun carriage, M1) (for antitank).....	SNL F-230
MOUNT, tripod, machine gun, Cal. .30, M2.....	SNL A-6	TELESCOPE, M18 (for 57-MM gun carriage M1) (for antitank).....	SNL F-230
POST, aiming, M4, 46-in., aluminum handle (pack artillery) (for 81-MM mortar).....	SNL F-191	CARRIAGE, MOTOR, 75-MM HOWITZER, T30	
POST, aiming, M5, 2-ft., aluminum handle (for 81-MM mortar).....	SNL F-191	BINOCULAR, M13.....	SNL F-210
		COMPASS, M2.....	SNL F-219
		GUN, machine, Cal. .50, Browning, M2, HB, flexible.....	SNL A-39
		HOWITZER, pack, 75-MM, M1A1.....	SNL C-20
		LIGHT, aiming post, M14 (for post, aiming, M1).....	SNL F-205

MAINTENANCE PARTS FOR ARMAMENT, SIGHTING AND FIRE CONTROL EQUIPMENT (Cont'd)

Reviewed in the
following SNL's:

Reviewed in the
following SNL's:

CARRIAGE, MOTOR, 75-MM HOWITZER, T30 (Cont'd)

MOUNT, howitzer, 75-MM, T10 SNL C-26
MOUNT, truck pedestal, M25
(D42988) SNL A-55,
Section 17
MOUNT, telescope, M16 SNL F-169
POST, aiming, M1, complete SNL F-35
QUADRANT, gunner's, M1 (MILS) . SNL F-140
QUADRANT, range, M3 SNL F-169
SETTER, fuze, M14 (wrench) SNL F-245
TELESCOPE, elbow, M5 SNL F-169
TELESCOPE, panoramic, M1 SNL F-106
WATCH, wrist, 7 jewel SNL F-36

CARRIAGE, MOTOR, 105-MM HOWITZER, T19

HOWITZER, 105-MM, M2A1 SNL C-21
MOUNT, howitzer, 105-MM, M3 SNL C-21

CARRIAGE, MOTOR, MULTIPLE GUN, M13 (T1E4)

BINOCULAR, M3 SNL F-210
CARBINE, Cal. .30, M1 SNL B-28
GUN, machine, Cal. .50, Browning,
M2, HB, TT (w/Edgewater
ADAPTER) SNL A-39
GUN, submachine, Cal. .45, Thompson,
M1928A1 SNL A-32
LAUNCHER, grenade SNL B-39
MOUNT, machine gun, twin, Cal. .50,
M33 SNL A-54
RIFLE, U. S., Cal. .30, M1903 SNL B-3

CARRIAGE, MOTOR, MULTIPLE GUN, M15 (T28E1)

CARBINE, Cal. .30, M1 SNL B-28
GUN, automatic, 37-MM, M1A2 SNL A-29
GUN, machine, Cal .50, Browning,
M2, HB, flexible, w/side plate
TRIGGER SNL A-39

MOUNT, combination gun, M42 SNL A-29
SYSTEM, sighting, M6 SNL F-241

CARRIAGE, MOTOR, COMBINATION GUN, M15A1

BINOCULAR, M3 SNL F-210
CARBINE, Cal. .30, M1 SNL B-28
GUN, automatic, 37-MM, M1A2 SNL A-29
GUN, machine, Cal. .50, Browning, M2,
HB, flexible, w/side plate
TRIGGER SNL A-39
MOUNT, combination Gun, M54 SNL F-241
SYSTEM, sighting, M5 SNL F-241

CARRIAGE, MOTOR, MULTIPLE GUN, M16

BINOCULAR, M3 SNL F-210
CARBINE, Cal. .30, M1 SNL B-28
GUN, machine, Cal. .50, Browning, M2,
HB, TT, w/o Edgewater
ADAPTERS SNL A-39
GUN, submachine, Cal. .45, Thompson,
M1928A1 or M1 SNL A-32
LAUNCHER, grenade SNL B-39
MOUNT, machine gun, multiple, Cal.
.50, M45 SNL G401,
Section 1
RIFLE, U. S., Cal. .30, M1903 SNL B-3
SIGHT, illuminated, Mark IX, Mod. 1
(12 Volts) SNL F-242

CARRIAGE, MOTOR, TWIN 20-MM GUN, T10E1

BINOCULAR, M3 SNL F-210
CARBINE, Cal. .30, M1 SNL B-28
GUN, antiaircraft, 20-MM, Mark 4
GUN, submachine gun, Cal .45, M3 SNL A-58
LAUNCHER, grenade SNL B-39
RIFLE, U. S., Cal. .30, M1903 SNL B-3
MOUNT, gun, antiaircraft, 20-MM,
twin SNL —

STANDARDIZED GOVERNMENT GROUPING

01—ENGINE GROUP

0100	Engine Assembly
0101	Cylinder Block
0101A	Cylinder Head
0102	Crankshaft
0102A	Crankshaft Bearing
0102B	Vibration Damper
0103	Pistons
0103A	Rings
0103B	Piston Pins
0104	Connecting Rod
0104A	Connecting Rod Bearings
0105	Valve Seats, Guides and Springs
0105A	Lifters
0105C	Valve Covers
0105	Camshaft
0106A	Camshaft Bushings
0106B	Timing Gears
0106D	Timing Gear Cover
0107	Oil Pump
0107A	Oil Pan
0107B	Oil Cooler
0107E-1	Oil Filter
0107E-2	Oil Filter
0107G	Oil Filler
0107H	Oil Level Gage
0107J	Oil Distribution System
0107N	Crankcase Ventilator
0108A	Intake Manifold
0108B	Exhaust Manifold
0108C	Heater Valve
0109	Flywheel
0109B	Ring Gear
0109C	Flywheel Housing
0110	Mountings

02—CLUTCH GROUP

0200	Clutch Assembly
0201	Clutch Disk
0201A	Facings and Rivets
0202	Rings, Levers, and Springs
0203	Release Yoke and Bearing
0204	Pedal and Spring
0204A	Pedal Linkage
0205	Pilot Bearing
0207	Housing

03—FUEL GROUP

0300	Fuel Tank
0300A	Tank Gage Unit
0300B	Filler and Cap

0301	Carburetor
0301A	Carburetor Attaching Parts
0301B	Choke
0301C	Air Cleaner
0302	Fuel and Vacuum Pump
0302A	Fuel and Vacuum Pump Attaching Parts
0303	Accelerator and Linkage
0303A	Hand Throttle and Linkage
0304	Lines and Fittings
0306	Fuel Filters

04—EXHAUST GROUP

0401	Muffler
0402	Exhaust Pipe
0402A	Tail Pipe

05—COOLING SYSTEM GROUP

0501	Radiator
0501C	Surge Tank and Filler Cap
0501D	Shroud
0501G	Radiator Louvers and Operating Mechanism
0502	Thermostat
0503	Water Pump
0503A	Fan
0503B	Fan and Generator Belts
0504	Radiator Mountings
0505	Engine Water Fittings and Hose

06—ELECTRICAL GROUP

0601	Generator
0601A	Generator Attaching Parts
0601B	Generator Regulator
0602	Cranking Motor
0603	Distributor
0604	Ignition Coil
0604A	Ignition Wiring
0604B	Spark Plugs
0604C	Ignition Switch
0605	Instruments
0605B	Instrument Wiring
0605C	Panel Light
0606	Switches
0606B	Chassis Wiring
0606D	Circuit Breakers
0606E	Terminal Boxes

STANDARDIZED GOVERNMENT GROUPING (Cont'd)

06—ELECTRICAL GROUP (Cont'd)

0606F	Trailer Electric Coupling
0607	Headlights
0607A	Lamp-Units
0607B	Lamps (Bulbs)
0607C	Fuses
0607D	Parking and Blackout Lights
0608	Taillights and Blackout Lights
0608A	Auxiliary Light
0609	Horn
0609B	Horn Button and Wiring
0610	Battery
0610A	Battery Mounting Parts
0610B	Starting Cables and Connections

10—FRONT AXLE GROUP

1000	Front Axle Assembly
1001	Housing
1003	Differential Case, Gears, Pinion, and Bearings
1006	Steering Knuckles, Flange and Arm
1007	Axle Shaft and Universal Joints

11—JACKSHAFT (REAR AXLE) GROUP

1100	Jackshaft (Rear Axle) Assembly
1101	Housing Assembly
1102	Axle Drive Shaft
1103	Differential and Carrier Assembly
1104	Differential Gears, Pinions, and Bearings

07—TRANSMISSION GROUP

0700	Transmission Assembly
0701	Case, Cover and Gaskets
0703	Main Drive Gear and Bearings
0704	Main Shaft, Gears and Bearings
0704C	Countershaft, Reverse Idler Shaft, Gears and Bearings
0706	Gear Shift Housing
0706A	Gear Shift Lever and Parts
0706B	Gear Shifter Rails and Parts
0706C	Gear Shifter Forks
0713	Mountings

12—BRAKE GROUP

1200	Brake Assembly
1201	Parking (Hand) Brake and Parts
1202	Shoes and Facings
1203A	Guide Pins, Springs, and Return Springs
1203B	Adjusting Bolts, Anchor Plate, and Anchor Pins
1204	Pedal, Spring, and Levers
1205	Master Cylinder
1207	Wheel Cylinder
1209	Hydraulic Lines and Fittings
1209B	Hoses
1209C	Clips
1209D	Brackets
1210	Power Brake Cylinder
1211	Vacuum Brake Lines, Check Valve, and Air Cleaner
1214	Electric Brake Controls

08—TRANSFER CASE GROUP

0801	Case and Cover
0802	Drive Shaft, Gears, and Bearings
0803	Driven Shaft, Gears, and Bearings
0804	Idler Shaft, Gear, and Bearings
0805	Shifter Shafts
0805A	Shift Forks (Yokes)
0805B	Shift Levers and Links
0810	Speedometer Drive Gears

13—WHEELS, HUBS, DRUMS, AND TRACK SUSPENSION GROUP

1301	Wheel Assembly
1301A	Bearings
1301B	Oil Seals
1302	Hubs and Drums
1302A	Wheel Studs and Nuts
1303	Bogie Assembly
1304	Track Idler
1305	Track
1305A	Track Guide
1307	Sprockets

09—PROPELLER SHAFT AND UNIVERSAL JOINT GROUP

0901	Propeller Shaft Assemblies and Companion Flanges
0902	Universal Joints

LIST OF ABBREVIATIONS

alloy-S.	alloy steel	hd.	head
amp.	ampere	hdls.	headless
anld.	annealed	hex.	hexagonal
as req.	as required	hex-hd.	hexagonal head
b-hd.	button-head	hr.	hour
br.	brass	hv.	heavy
bz.	bronze	hv-duty	heavy duty
cal.	caliber	I. D.	inner diameter
cap.	capacity	in.	inch
cart.	cartridge	incand.	incandescent
cd-pltd.	cadmium plated	lb.	pound
chr-pltd.	chrome plated	lgh.	length
chr-alloy-S.	chromium alloy steel	lgt.	light
C. I.	cast iron	L. H.	left-hand
ck.	countersunk	mach.	machine
ck-hd.	countersunk hd.	machs.	mechanic's
contd.	continued	M. I.	malleable iron
cop.	copper	min.	miniature
cp.	candlepower	mld. ru.	moulded rubber
corr-res-S.	corrosion-resistant- steel	mm.	millimeter
corr-res-iron.	corrosion-resistant-iron	mtg.	mounting
dbie.	double	NC.	National Coarse
dbie-hd.	double head	NF.	National Fine
dbie-tung-fil.	double tungsten filament	ni-brght.	nickel bright
DC. cand. bay. base.	double contact cande- labra bayonet base	ni-pltd.	nickel plated
DC. cand. pref. base.	double contact cande- labra prefocus base	No.	number
deg.	degree	NPT.	National Pipe Thread
dev.	developed	O. D.	outer diameter
diam.	diameter	oval-fil-hd.	oval fillister head
dld. f/c-pin	drilled for cotter pin	oval-hd.	oval head
dld. f/fitting	drilled for fitting	oz.	ounce
dld. f/lkg-wire	drilled for locking wire	pinch pt.	pinch point
dog-pt.	dog point	qt.	quart
elec.	electric	r-angle	right angle
engrs.	engineer's	reg.	regular
fl-ck-hd.	flat countersunk head	rd.	round
fl-fil-hd.	flat fillister head	rd-hd.	round head
fl-hd.	flat head	R. H.	right-hand
ft.	foot, feet	ru.	rubber
fil.	filament	S.	steel
ga.	gage	SAE.	Society of Automotive Engineers
graph-bz.	graphite bronze	SAE. std.	Society of Automotive Engineers standard
hanger-pt.	hanger point	SC. cand. bay. base.	Single contact cande- labra bayonet base

LIST OF ABBREVIATIONS (Cont'd)

s-fin.	semi-finished	std.	standard
sgle-tung-fil	single tungsten filament	stght.	straight
slotted-pt.	slotted point	T.	teeth
socket-hd.	socket head	thd.	thread
sq.	square	thk.	thick
sq-drive	square drive	unfin.	unfinished
sq-head	square head	v.	volt
sq-nk.	square neck	w/	with
		zn-pltd.	zinc plated

LIST OF MANUFACTURERS

Symbol	Manufacturer	Address
AC	AC Spark Plug Division (General Motors Corp.)	1300 N. Dort Hghwy., Flint 2, Mich.
AD	Alemite Div. (Stewart-Warner Corp.)	1826 Diversey Pkwy., Chicago 14, Ill.
AHR	American Hard Rubber	11 Mercer St., New York 13, N. Y.
AL	Electric Auto-Lite Co.	Main Post Office Box 931, Toledo 1, Ohio
ALF	American-La France-Foamite Corp.	100 E. La France St., Elmira, N. Y.
ARO	The Aro Equipment Corp.	Enterprise and Trevitt St., Bryan, Ohio
AUC	Autocar Co.	Ardmore, Pa.
BA	The Bassick Co.	38 Austin St., Bridgeport 2, Conn.
BI	Bishop and Babcock Mfg. Co.	4901-15 Hamilton St., N.E., Cleveland, Ohio
BK	Bragg-Kliesrath Corp.	South Bend, Ind.
BKY	Buckeye Forging Co.	10003 Harvard Ave., Cleveland 5, Ohio
BRT	Brewer Tichener Corp.	111 Port Watson St., Cortland, N. Y.
BS	Bendix Stromberg Carburetor Co.	401 Bendix Drive, South Bend 20, Ind.
BW	Budd Wheel Co.	12141 Charlevoix, Detroit 14, Mich.
CF	Carr Fastener Co.	31 Ames St., Cambridge, Mass.
CM	The Chicago Rawhide Mfg. Co.	1301 Elston Ave., Chicago 22, Ill.
CP	Champion Spark Plug Co.	900 Upton Ave., Toledo 1, Ohio
CS	Culver-Stearns Mfg Co.	53 Crafton St., Worcester, Mass.
CWL	C. Cowles & Co.	83 Water St., New Haven 8, Conn.
DL	Delta Electric Co.	33rd & Nebraska Sts., Marion, Ind.
DM	H. A. Douglas Mfg. Co.	Bronson, Mich.
DN	Donaldson Co., Inc.	666 Pelham St., St. Paul 4, Minn.
DR	Delco-Remy Division (General Motors Corp.)	Anderson, Ind.
DS	Diebold Safe & Lock Co.	818 Mulberry Rd., S.E., Canton 2, Ohio
DT	Diamond T Motor Car Co.	4401 W. 26th St., Chicago 23, Ill.
DV	The Dole Valve Co.	1901 Carroll Ave., Chicago 12, Ill.
DX	The DeLuxe Products Corp.	Lake St., La Porte, Ind.
EAT	The Eaton Mfg. Co.	739 E. 140th St., Cleveland 10, Ohio

LIST OF MANUFACTURERS (Cont'd)

Symbol	Manufacturer	Address
EB	Eberhard Mfg. Co.	2734 Tennyson Rd., S.E., Cleveland 4, Ohio
EM	Empire Electric Brake Co.	118 S. 14th St., Newark 7, N. J.
ES	Exide Battery	1900 Allegheny Ave., Philadelphia 32, Pa.
ESS	Electric Service Supplies Co.	17th and Cambria Sts., Philadelphia 32, Pa.
ESW	Essex Wire Corp.	1601 Wall St., Fort Wayne 6, Ind.
FLS	The Fulton Sylphon Co.	P. O. Box 400, Knoxville 4, Tenn.
FR	Fram Corp.	55 Pawtucket Ave., E. Providence 16, R. I.
FT	Firestone Tire & Rubber Co.	1200 Firestone Parkway, Akron 17, Ohio
GL	Guide Lamp Division (General Motors Corp.)	25th St. and Arrow Ave., Anderson, Ind.
GM	General Motors Corp.	3044 W. Grand Blvd., Detroit 2, Mich.
GR	The B. F. Goodrich Co.	500 S. Main St., Akron 18, Ohio
GT	Goodyear Tire & Rubber Co.	1144 E. Market St., Akron 16, Ohio
HC	Cole-Hersee Company	54 Old Colony Ave., S. Boston 27, Mass.
HE	Houde Engineering Corp.	537 E. Delavan Ave., Buffalo 11, N. Y.
HH	Houdaille-Hershey Corp.	National Bank Bldg., Detroit, Mich.
HI	Hayes Industries, Inc.	437 Fern Ave., Jackson, Mich.
HK	Hickok Electrical Instrument Co.	New York, N. Y.
HLH	Holland Hitch Co.	Holland, Mich.
HR	Harrison Radiator Corp.	Lockport, N. Y.
HUL	Hull Mfg. Co.	P. O. Box 246, Warren, Ohio
HY	Hyatt Bearings Division (General Motors Corp.)	P. O. Box 71, Harrison, N. J.
IB	Imperial Brass Mfg. Co. (The)	1288 W. Harrison St., Chicago, Ill.
IHC	International Harvester Corp.	180 N. Michigan Ave., Chicago, Ill.
JM	Johns-Manville Sales Corp.	1530 Guildhall Bldg., Cleveland 15, Ohio
LE	Leach Relay Co.	5915 Avalon Blvd., Los Angeles 3, Calif.
LEC	Lincoln Engineering Co.	5701 Natural Bridge Ave., St. Louis 20, Mo.
LI	Lisle Corp.	807 E. Main St., Clairinda, Iowa
LK	Link Belt Co.	307 N. Michigan Ave., Chicago 1, Ill.
LO	Wagner Electric Co.	6400 Plymouth Ave., St. Louis 14, Mo.
MO	Modine Mfg. Co.	17th and Racine Sts., Racine, Wis.
MPC	Michiana Products Co.	Michigan City, Ind.
MR	Raybestos (Division of Raybestos-Manhattan Inc.)	940 Rayman St., Stratford 2, Conn.
MRC	Marlin-Rockwell Corp.	402 Chandler St., Jamestown 55, N. Y.
MU	Mueller Brass Co.	Port Huron, Mich.
MZ	"Mazda" General Electric Co.	Schenectady 5, N. Y.
NBM	New Britain Machine Co.	P. O. Box 1320, New Britain, Conn.
ND	New Departure Mfg. Co.	Bristol, Conn.
NE	The North Electric Mfg. Co.	Galion, Ohio
OM	Oldberg Mfg. Co.	620 N. 7th St., Grand Haven, Mich.