

*RESTRICTED

ORDNANCE SUPPLY CATALOG

Group G

Technical Reference TM 9-707

Standard Nomenclature List No. G-147)

(Combined)

Organizational Spare Parts and Equipment List**Higher Echelon Spare Parts and Equipment List (Addendum)****Service Parts Catalog**

for

Car, Half-Track, M9A1**Carrier, Personnel, Half-Track,
M5, M5A1****Carriage, Motor, Multiple Gun,
M14, M17**

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(Supersedes publications listed on reverse side)

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Distribution:

Ordnance Organizations, Establishments and any Interested Personnel
All units equipped with Half-Track Vehicles built by International Harvester Company.

HEADQUARTERS, ARMY SERVICE FORCES, 15 MAY 1944

Edition of 1

ARMY SERVICE FORCES CATALOG

ORD 7-8-9

SNL G-147

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HEADQUARTERS, ARMY SERVICE FORCES 15 MAY 1944

GENERAL INFORMATION

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ORGANIZATIONAL SPARE
PARTS AND EQUIPMENT
LIST

SECTION 8-9
HIGHER ECHELON SPARE
PARTS AND EQUIPMENT
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GENERAL INFORMATION

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

Organizational Spare Parts and Equipment List (Section 7)

Higher Echelon Spare Parts and Equipment List (Addendum)
Combined with Service Parts Catalog (Section 8-9)

Indexes

Organizational Spare Parts and Equipment List (Section 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 in 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 List (Addendum) Combined with Service Parts Catalog (Section 8-9)

This section lists all parts which may be used to service the vehicle although not all of them are authorized items of issue. Those items which are authorized items of issue for maintenance are indicated by quantities in Columns 7 and/or 8 and 9 or an asterisk in Column 9, with the exception of Standard Hardware which shows quantities in Section 23. 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 Section 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 vehicles.

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 of Section 8-9 as well as 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 (Section 7). Normally those parts shown in Section 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 % sign in Section 8-9 may be requisitioned for replacement purposes.

ILLUSTRATIONS. Views of the complete vehicles will be found following the General Information section. Exploded view illustrations precede the major group in which the parts are listed and the figure number corresponds to the major group followed by the number which indicates the sequence within the major group.

Indexes

FIGURE INDEX. This index shows the figure number and title of each illustration and the page number on which it appears.

ALPHABETICAL INDEX. This index lists all parts (except attaching parts) in alphabetical order and cross-referenced to the sub-group in which they appear.

OFFICIAL STOCK NUMBER INDEX. Part numbers (except Standard Hardware) are cross-referenced to the sub-group in which they appear. Official Stock Numbers for Standard Hardware are cross-referenced to Group 23.

ORDNANCE PART NUMBER INDEX. Part numbers are cross-referenced to the sub-group in which they appear, except Standard Hardware, which are cross-referenced to Group 23.

MANUFACTURERS' PART NUMBER INDEX. Part numbers are prefixed with manufacturers' identification symbols and appear under the respective manufacturer's name. Manufacturers' names are arranged in alphabetical order. Parts are cross-referenced to the Official Stock Number and to the sub-group in which they appear.

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).

Attaching Parts

Attaching parts, such as rivets, bolts, nuts, screws, etc., are indented immediately under the parts they attach.

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 similar brackets, each requiring four bolts, the total quantity of eight bolts will be indicated. It is therefore necessary to check the quantity of items attached before using the indicated quantity of attaching parts to determine the quantity required per bracket. In the case of attaching parts, the quantity of the items attached should be checked.

Interchangeability with Other Vehicles

Many of the components of these Half-Track vehicles are identical with components of M3 and M4 series of Half-Track vehicles built by White Motor Company, Diamond-T Motor Car Company, and Auto Car Company. All parts in this catalog which have an Official Stockage Number beginning with "G 102" are the same as corresponding parts in Half-Track vehicles built by the above-named three companies. In addition, there are many other components of IHC Half-Track vehicles which are identical with corresponding parts of other makes of Half-Track vehicles, but a check of all part numbers concerned should be made before assuming that the parts are identical.

Standard Hardware

The quantity per unit assembly of Standard Hardware is given in all places where used without maintenance quantities. A consolidation of quantities for Standard Hardware for the complete major item is given in Group 23 of Section 8-9. Authorized items of issue have quantities or asterisks in Column 9. All others are marked "NOT AVAILABLE FOR ISSUE."

Repair Kits and Sets

Listed in this catalog are all repair kits and sets procured for service. The listings include all the components of these kits and sets and the components are indented below the kit or set and the quantity of each component per kit or set is indicated.

Bulk Material

Some bulk material such as cables, tubing, and locking wire has been procured for service and is listed in Group 23 of Section 8-9. This bulk material will be cut and issued as required.

Serial Number Locations

The manufacturer's chassis serial number and model numbers are located on a plate attached to the right side of the instrument panel. The engine number is stamped on a pad on the left side and to the front of the crankcase.

IMPORTANT

The Prefix Letter and Number of the Official Stock Number (i.e. G-102-XX-XXXXX, or G-67-XX-XXXXX) 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.

HOW TO FIND PARTS

The various indexes, illustrations, and Standardized Government Grouping provide several ways of quickly finding any part in this catalog. The following instructions are given as a guide:

a. If only the description or name of the part is known—

- (1) Locate the description of the part in the Alphabetical Index. Opposite this description is shown the sub-group in which the part will be found listed alphabetically.
- (2) The first two figures of this sub-group number appear in the Quick Reference Index on page 1. The tab in the catalog opposite this number will locate the start of the major group within which the needed sub-group will be found.

b. If only the Official Stock Number of the part is known—

- (1) Locate the number of the part in the Official Stock Number Index. Opposite this number is shown the sub-group in which the part will be found.
- (2) Follow step a. (2), above, to locate the sub-group listing.
- (3) The number with which you started will be listed in this sub-group in the column headed "Official Stock Number" and the description of the part will be opposite it.

c. If only the Ordnance Piece Mark or Part Number (Drawing Number) is known—

- (1) Locate the number of the part in the Ordnance Part Number Index. Opposite this number is shown the sub-group in which the part will be found.
- (2) Follow step a. (2), above, to locate the sub-group heading.
- (3) The number with which you started will be listed in this sub-group in the column headed "Piece Mark or Part Number—Ordnance."

d. If only a Manufacturer's Piece Mark or Part Number is known—

- (1) Locate the number of the part in the Manufacturer's Part Number Index. Opposite this number is shown the sub-group in which the part will be found.
- (2) Follow step a. (2), above, to locate the sub-group listing.
- (3) The number with which you started will be listed in this sub-group either in the column headed "Piece Mark or Part Number—Manufacturer" or in brackets following the description of the part in the "ITEM" column.

e. If only the location or function of the part is known—

- (1) Locate in the Standardized Government Grouping the number of the major group and sub-group in which the part is most likely to be listed.
- (2) The number of this major group appears in the Quick Reference Index on page 1. The tab in the catalog opposite this number will locate the start of the major group listing.
- (3) Refer to the illustrations for this major group until the part is located. Note its reference letter and locate this reference letter in the reference legend which appears on the same or the facing page. The description, sub-group, and the part number is shown opposite the reference letter.
- (4) The part can then be located in the sub-group either by its description or by its number.

STANDARDIZED GOVERNMENT GROUPING

01—Engine Group

0100 Engine assembly
 0101 Engine crankcase and cylinder sleeves
 0101A Engine cylinder head and cover
 0102 Engine crankshaft
 0102A Engine crankshaft bearings and caps
 0102B Engine crankshaft pulley and damper
 0103 Engine pistons
 0103A Engine piston rings
 0103B Engine piston pins and bushings
 0104 Engine connecting rods
 0104A Engine connecting rod bearings
 0105 Engine valves, seats, guides and springs
 0105A Engine valve tappets
 0105B Engine valve rocker arms, shafts and lift rods
 0105C Engine lift rod cover and gasket
 0106 Engine camshafts
 0106A Engine camshaft bearings
 0106B Engine camshaft gear
 0106D Engine gear case cover and plate
 0107 Engine oil pump
 0107A Engine oil pan
 0107B Engine oil cooler
 0107E Engine oil filter
 0107F Engine oil filter attaching parts
 0107G Engine oil filler and cap
 0107H Engine oil level gage
 0107M Engine breather
 0107N Engine crankcase ventilator
 0108 Engine manifolds
 0109 Engine flywheel
 0109B Engine flywheel ring gear
 0109C Engine flywheel housing
 0110 Engine mountings

02—Clutch Group

0200 Clutch assembly
 0201 Clutch disc
 0201A Clutch facings and rivets
 0202 Clutch cover pressure plate and springs
 0203 Clutch release bearing and fork
 0204 Clutch pedal and spring
 0204A Clutch pedal linkage
 0205 Clutch pilot bearing
 0207 Clutch housing

03—Fuel System Group

0300 Fuel tank
 0300A Fuel gage tank unit
 0301 Carburetor and governor
 0301A Carburetor attaching parts
 0301B Choke control
 0301C Carburetor air cleaner
 0302 Fuel and vacuum pump
 0302A Fuel pump attaching parts
 0303 Accelerator and linkage
 0303A Hand throttle and linkage
 0304 Fuel lines
 0305 Governor (see 0301)
 0306 Fuel filter

04—Exhaust Group

0401 Muffler
 0402 Exhaust pipe
 0402A Muffler tail pipe

05—Cooling Group

0501 Radiator
 0501B Radiator core
 0501C Radiator surge tank
 0501D Radiator shroud
 0502 Engine thermostat
 0503 Engine water pump and pulley
 0503A Engine fan
 0503B Engine fan and generator belts
 0504 Radiator mounting
 0505 Engine water fittings and hose

06—Electrical Group

0601 Generator
 0601A Generator attaching parts
 0601B Regulators (engine)
 0602 Motor, cranking
 0602A Cranking motor magnetic switch
 0603 Distributor
 0604 Ignition coil
 0604A Ignition wiring
 0604B Spark plugs
 0604C Ignition switch
 0605 Instruments and instrument panel
 0605B Instrument wiring
 0605C Instrument light
 0606 Switches and switch cables
 0606B Chassis wiring
 0606D Circuit breakers
 0606F Trailer electric coupling parts
 0607 Headlights
 0607A Lamp units
 0607B Lamps
 0607D Blackout marker light
 0608 Stop and tail light
 0609 Horns
 0609B Horn button and wiring
 0609C Horn relay and wiring
 0610 Battery
 0610A Battery hangers
 0610B Starting cables and connections

07—Transmission Group

0700 Transmission assembly
 0701 Transmission case
 0701A Transmission case covers and gaskets
 0703 Transmission main drive pinion and bearings
 0704 Transmission main shaft and bearings
 0704B Transmission main shaft gears
 0704C Transmission countershaft gears, reverse idler gear and shaft
 0706 Transmission gear shift cover or housing
 0706A Transmission gear shift lever and parts
 0706B Transmission gear shifter rails and parts
 0706C Transmission gear shifter yokes or forks

08—Transfer Case Group

0800 Transmission transfer assembly
 0801 Transmission case
 0802 Transfer case drive gear, shaft and bearings
 0803 Transfer case front drive gear, shaft and bearings
 0804 Transfer case intermediate gear, shaft and bearings
 0805 Transfer case shifter shafts
 0805A Transfer case shift forks
 0805B Transfer case shift levers
 0809 Transfer case mounting
 0810 Speedometer gears

09—Propeller Shaft and Universal Joint Group

0901 Propeller shaft assemblies
 0902 Propeller shaft universal joints

10—Front Axle and/or Final Drive Group Intermediate Axle Assembly

1000 Front axle assembly
 1001 Front axle housing
 1002 Front axle differential and carrier assembly
 1003 Front axle differential gears, pinions and bearings
 1006 Front axle steering knuckle and arm
 1007 Front axle axle shafts, universal joints and drive flange

STANDARDIZED GOVERNMENT GROUPING (Continued)**11—Rear Axle and/or Final Drive Group
Intermediate Axle Assembly**

- 1100 Rear axle assembly
- 1101 Rear axle housing
- 1102 Rear axle drive shaft
- 1103 Rear axle differential and carrier assembly
- 1104 Rear axle differential drive gears, pinion and bearings

12—Brake Group

- 1200 Brake assembly
- 1201 Drive shaft brake
- 1202 Brake shoes and facings
- 1203 Brake shoe guides, pins, springs
- 1204 Brake pedal and spring
- 1205 Hydraulic brake master cylinder
- 1207 Wheel and sprocket brake cylinders
- 1209 Brake lines
- 1209B Brake hoses
- 1209C Brake tubes and clips
- 1209D Brake brackets and springs
- 1210 Power brake cylinder (hydrovac)
- 1210A Brake air cleaner
- 1211 Power brake lines and fittings
- 1214 Electric brake controls

**13—Wheels, Hubs and Drum Group and/or
Track Suspension Group**

- 1301 Front wheel assembly
- 1301A Wheel and sprocket hub bearings
- 1301B Wheel and sprocket hub seals
- 1302 Hubs and brake drums
- 1302A Front wheel studs and nuts
- 1303 Bogie assembly
- 1304 Track idler
- 1305 Tracks
- 1305A Track guides
- 1306 Track supporting rollers
- 1307 Rear axle sprockets

14—Steering Group

- 1401 Steering connecting rod drag link
- 1402 Steering tie rod
- 1403 Steering gear assembly
- 1403A Steering gear parts
- 1404 Steering wheel assembly
- 1405 Steering gear brackets

15—Frame and Brackets Group

- 1500 Frame and brackets
- 1501 Towing attachment
- 1502 Pintle hook
- 1510 Front roller and parts

16—Spring and Shock Absorber Group

- 1601 Front springs
- 1602 Shackles and spring attaching parts
- 1603 Shock absorbers and mountings

**17—Hood, Fenders, Running Boards, Aprons
and Miscellaneous Sheet Metal Group**

- 1701 Fenders and/or sand guards
- 1703 Running boards
- 1704 Hoods

18—Body Group

- 1800 Body
- 1801 Body mounting parts
- 1802A Body panels
- 1803A Floor boards—body pads

- 1803B Covers and sup floors
- 1804 Seats
- 1804A Seat cushions
- 1804B Seat adjusters and supports
- 1805A Door hinges and parts
- 1805B Door locks
- 1805C Door handles—remote control
- 1805J Pistol ports and parts
- 1809 Instrument panel extensions
- 1809A Map compartment and parts
- 1810A Ventilating units
- 1811 Windshield assembly
- 1811A Windshield glass
- 1811B Windshield frame moulding and seals
- 1811C Windshield wiper assembly
- 1811D Windshield wiper parts
- 1811E Windshield wiper arms and blade
- 1817A Spare parts stowage
- 1817B Racks and boxes
- 1818 Ammunition racks and boxes

**20—Winch Assembly Hoist and Power Take-Off
Group**

- 2000 Winch assembly
- 2001 Winch parts and winch drive shafts
- 2002 Cables and chains
- 2003 Control levers
- 2012 Power take-off assembly and parts

21—Bumpers and Guards Group

- 2101 Bumpers

**22—Miscellaneous Body Chassis and
Accessories Group**

- 2201 Tarpaulins and tops
- 2201A Bows
- 2201C Gun covers
- 2201F Side curtains
- 2203 Identification and caution plates
- 2204 Speedometers and parts
- 2205 Tachometer assembly parts

23—General Use Standardized Parts Group

- 2301 Tools
- 2301A Pioneer equipment
- 2301B Tire chains and skid chains
- 2304 Balls
- 2304B Bolts
- 2304D Clamps, hose
- 2304E Elbows
- 2304F Fittings
- 2304G Nuts
- 2304H Pins
- 2304J Rivets
- 2304K Screws
- 2304L Washers
- 2304M Locking wire (in rolls)
- 2304N Yokes
- 2304P Tubing (bulk)
- 2304R Electrical wiring—rolls
- 2304S Terminals
- 2304Y Plugs
- 2305 Miscellaneous—cotter pins
- 2305A Woodruff keys
- 2306 Tires and tubes, valve caps, cores.

24—Fire Extinguisher System

- 2402 Portable system and parts

**26—Radio and Internal Communicating
System**

- 2601 Radio and parts
- 2603 Radio suppression system parts

LIST OF ABBREVIATIONS

Always use period after abbreviations except after w/, w/o and f/

al.	aluminum	lbs.	pounds
Alloy-S.	Alloy-steel	lgh.	length
amps.	amperes	lgt.	light
anld.	annealed	lin ft.	linear feet (foot)
approx.	approximately	L.H.	left hand
bdg. hd.	binding head	lkg.	locking
b. hd.	button head	mach.	machine
br.	brass	Mfd.	microfarad
B.W. ga.	Birmingham Wire Gage	M.I.	Malleable iron
bz.	bronze	mm.	millimeter
cap.	capacity	mtg.	mounting
cad-pltd.	cadmium-plated	N.C.	National Coarse
C.P.	candle power	N.F.	National Fine
chamf.	chamfered	ni.	nickel
Chr-ni-S.	chrome nickel steel	ni-S.	nickel-steel
C.I.	cast iron	No.	number
cir-mils.	circular mills	NPT	National pipe thread
ck.	countersunk	N.S.	National Form Special
ck-hd.	countersunk head	O.D.	outside diameter
cm.	centimeter	oz.	ounce
contd.	continued	ph-bz.	phosphor-bronze
cop.	copper	pltd.	plated
cop. pltd.	copper plated	pt.	point
c-pin	cotter pin	qt.	quart
corr-res-S.	corrosion-resistant-steel (stainless)	rd. end	round end
C.R.	corrosion resisting	rd. hd.	round head
cup-pt.	cup point	rd. pt.	round point
cyls.	cylinders	reg.	regular
dbl.	double	R.H.	right hand
diam.	diameter	rpm.	revolutions per minute
dld.	drilled	ru.	rubber
dld. f/c-pin	drilled for cotter pin	SAE	Society of Automotive Engineers
dld. f/lkg-wire	drilled for locking wire	s-fin.	semi-finished
f/	for	sh-met.	sheet metal
fil-hd.	fillister head	spcl.	special
fin.	finished	spec.	specification
fl-ck-hd.	flat countersunk head	sq-hd.	square head
fl-fil-hd.	flat fillister head	std.	standard
fl-hd.	flat head	S.	steel
fl-pt.	flat point	stght.	straight
flex.	flexible	T.	teeth
ft.	foot (or feet)	thkns.	thickness
ga.	gage	thd.	thread
gh	as required	unfin.	unfinished
hd.	head	U.S.F.	U.S. fine
hdls.	headless	U.S. std.	U.S. standard
hex.	hexagon	w/	with
hex.-hd.	hexagonal-head	w/bz.	with bronze
hp.	horsepower	w/hex.	with hexagon
hv.	heavy	w/o	without
I.D.	inside diameter	zn-pltd.	zinc plated
in.	inch or inches		

MANUFACTURERS' IDENTIFICATION SYMBOLS

These symbols are prefixed to the manufacturers' part numbers listed in this book.

AB	Aetna Ball Bearing Mfg. Co.	4600 Schubert Ave., Chicago 39, Ill.
AC	A C Spark Plug Div. (General Motors Corp.)	1300 No. Dort Hghwy., Flint 2, Mich.
AN	Ainsworth Mfg. Corp.	2200 Franklin St., Detroit 7, Mich.
AD	Alemite Div. (Stewart-Warner Corp.)	1826 Diversey Pkwy., Chicago 14, Ill.
ALL	W. D. Allen Mfg. Co.	566 W. Lake St., Chicago 6, Ill.
AVM	Atwood Vacuum Mfg. Co.	2500 N. Main St., Rockford, Ill.
AMP	American Phenolic Corp.	1830 S. 54th Ave., Chicago 50, Ill.
BA	The Bassick Co.	38 Austin St., Bridgeport 2, Conn.
BX	Bendix Products Div.	401 Bendix Drive, South Bend 20, Ind.
BT	Bingham Stamping & Tool Div. (Logan Gear Co.)	Toledo, Ohio
BK	Bragg-Kliesrath Corp.	South Bend, Ind.
BW	Budd Wheel Co.	12141 Charlevoix, Detroit 14, Mich.
CCC	Continental Carbon Co., Inc.	13900 Lorain Ave., Cleveland 11, Ohio
CP	Champion Spark Plug Co.	900 Upton Ave., Toledo 1, Ohio
CM	The Chicago Rawhide Mfg. Co.	1301 Elston Ave., Chicago 22, Ill.
CL	Clum Mfg. Co.	601 W. National Ave., Milwaukee 4, Wis.
CA	Columbus Auto Parts Co.	Hudson St. and Penn. R. R., Columbus 16, Ohio
CS	Culver Stearns Mfg. Co.	53 Grafton St., Worcester 8, Mass.
CH	Cutler-Hammer, Inc.	315 N. 12th St., Milwaukee 1, Wis.
DA	Delco Appliance Div.	P.O. Box 230, 391 Lyell Ave., Rochester 1, N. Y.
DR	Delco-Remy Div. (General Motors Corp.)	Anderson, Ind.
DW	Detroit Wax Paper Co.	1721 Pleasant Ave., River Rouge 18, Mich.
DS	Diebold Safe & Lock Co.	818 Mulberry Rd., S.E., Canton 2, Ohio
DISS	Henry Disston & Sons	Tacony, Philadelphia 20, Pa.
DV	The Dole Valve Co.	1901 Carroll Ave., Chicago 12, Ill.
DN	Donaldson Co., Inc.	666 Pelham St., St. Paul 4, Minn.
DM	H. A. Douglas Mfg. Co.	Bronson, Mich.
EB	Eberhard Mfg. Co.	2734 Tennyson Road, S. E., Cleveland 4, Ohio
ESS	Electric Service Supplies Co.	17th and Cambrea, Philadelphia 32, Pa.
FS	F. A. Smith Mfg. Co., Inc.	Box 509, Rochester 2, N. Y.
GTS	Gits Brothers Mfg. Co.	1846 S. Kilbourne Ave., Chicago 23, Ill.
GR	The B. F. Goodrich Company	500 S. Main St., Akron 18, Ohio
GT	Goodyear Tire and Rubber Co.	1144 E. Market St., Akron 16, Ohio
GL	Guide Lamp Div. (General Motors Corp.)	25th St. and Arrow Ave., Anderson, Ind.
HC	Cole-Hersee Co.	54 Old Colony Ave., South Boston 27, Mass.
HLM	The Hall Mfg. Co.	1600 Woodland Ave., Toledo 9, Ohio
HLH	Holland Hitch Co.	153 W. 10th St., Holland, Mich.
HE	Houde Engineering Corp.	537 E. Delavan Ave., Buffalo 11, N. Y.
HY	Hyatt Bearings Div. (General Motors Corp.)	P.O. Box 71, Harrison, N. J.
IB	The Imperial Brass Mfg. Co.	1200 W. Harrison St., Chicago 7, Ill.
IHC	International Harvester Co.	180 N. Michigan Ave., Chicago 1, Ill.
JN	Howard B. Jones	2460 W. George St., Chicago 18, Ill.
KHW	Kelsey-Hayes Wheel Co.	3600 Military Ave., Detroit 32, Mich.
KM	Kent-Moore Organization, Inc.	485 W. Milwaukee, Detroit 2, Mich.
LEC	Lincoln Engineering Co.	5701 Natural Bridge Ave., St. Louis 20, Mo.
LI	Lisle Corp.	807 E. Main St., Clarinda, Iowa
LO	Wagner Electric Corp.	6400 Plymouth Ave., St. Louis 4, Mo.
MLL	P. R. Mallory and Co., Inc.	3029 E. Washington St., Indianapolis, Ind.
MRC	Marlin Rockwell Corp.	402 Chandler St., Jamestown, N. Y.
MZ	"Mazda" - General Electric Co.	Schenectady, N. Y.
MJ	Mechancis Universal Joint Div.	2020 Harrison Ave., Rockford, Ill.
MPC	Michiana Products Corp.	Michigan City, Ind.
MO	Modine Mfg. Co.	17th and Racine Sts., Racine, Wis.
ND	New Departure Mfg. Div. (General Motors Corp.)	Bristol, Conn.
OCC	The Ohio Carbon Co.	12508 Berea Rd., Cleveland, Ohio
PC	Packard Electric Div. (General Motors Corp.)	Dana Ave., Warren, Ohio
PL	Prest-O-Lite Storage Battery Co., Inc.	P.O. Box 1655, Indianapolis 6, Ind.
PTS	Protectoseal Co.	1920 S. Western Ave., Chicago 8, Ill.
RD	Rockford Drilling Machine Co.	1301 18th Ave., Rockford, Ill.
RG	Ross Gear and Tool Co.	8th and Heath Sts., Lafayette, Ind.
SV	A. Schrader's Son (Div. of Scovill Mfg. Co., Inc.)	470 Vanderbilt Ave., Brooklyn, N. Y.
SZ	Schwitzer Cummins Co.	1125 Massachusetts Ave., Indianapolis, Ind.
SEP	Service Products Corp.	201 S. Rural St., Indianapolis 1, Ind.
SK	Shakeproof Lock Washer Co.	2501 N. Keeler Ave., Chicago 39, Ill.
SHE	H. B. Sherman Mfg. Co.	22 Barney St., Battle Creek, Mich.
SKF	SKF Industries, Inc.	Front St. and Erie Ave., Philadelphia, Pa.
SRM	Soreng-Manegold Co.	1901 Clybourn Ave., Chicago 4, Ill.
SPT	Spencer Thermostat Co.	34 Forest St., Attleboro, Mass.
SP	Spicer Mfg. Corp.	4100 Bennett Rd., Toledo 1, Ohio
SPC	Spring Perch Co., Inc.	Hamburg Turnpike, Lackawanna 18, N. Y.
SSS	Standard Steel Spring Co.	843 4th Ave., Coraopolis, Pa.
SW	Stewart-Warner Corp.	1826 Diversey Pkwy., Chicago 14, Ill.
TB	The Thomas and Betts Co., Inc.	36 Butler St., Elizabeth 1, N. J.
TP	Thompson Products, Inc.	2196 Clarkwood Rd., Cleveland, Ohio
TIM	The Timken Roller Bearing Co.	1935 Kelley Ave., Canton, Ohio
TEC	Triangle Engineering Co.	400 E. 9 Mile Rd., Ferndale 20, Mich.
TRI	Trico Products Corp.	817 Washington St., Buffalo 3, N. Y.
TRU	American Chain and Cable Co. (Tru-Stop)	81 E. Ross St., Wilkes-Barre, Pa.
TS	The Troy Sunshade Co.	612 Grant St., Troy, Ohio
TU	Tulsa Winch Mfg. Corp.	815 E. 1st St., Tulsa 3, Okla.
UC	United Carr Fastener Corp.	31 Ames St., Cambridge, Mass.
VG	Victor Mfg. and Gasket Co.	P.O. Box 1333, 5700 W. Roosevelt Rd., Chicago 9, Ill.
WAK	Walker Mfg. Co.	Racine, Wis.
WEB	Warner Electric Brake Mfg. Co.	Beloit, Wis.
WH	The Weatherhead Co.	300 E. 131st St., Cleveland 8, Ohio
WK	Walter Kidde and Company, Inc.	675 Main St., Belleville 9, N. J.
Z	Zenith Carburetor Div. (Bendix Aviation Corp.)	696 Hart Ave., Detroit 14, Mich.