© PAPERPRINT.BE 2011 **RESTRICTED**

DEPARTMENT OF THE ARMY SUPPLY CATALOG

ORD 9 SNL G-200

GHOUP G

LIST OF ALL SERVICE PARTS

OF

TANK, LIGHT, M24

Supersedes ORD 9 SNL G-200, 14 November 1945

Ref: TM 9-1727K

FTM 9-1729A

TM 9-1729B

TM 9-1729C

TM 9-1731D

TM 9-1825A

TM-9-1826A

TM 9-1828A

TM 9-1829A

This catalog is correct to 10 May 1951

tording.

in although

5400%

Sant Lot

DEPARTMENT OF THE ARMY

- T

7

AUGUST 1951

RESTRICTED

© PAPERPRINT.BE 2011 And the state of t

© PAPERPRINT BE 2011 RESTRICTED

202 KIe ORD.
B.P.S. 4 - B.S.D.
DEPARTMENT OF THE ARMY
WASHINGTON 25, D. C., 6 August 1951

Department of the Army Supply Catalog ORD 9 SNL G-200 is published for the information and guidance of all concerned.

[AG 461 (17 May 51)]

BY ORDER OF THE SECRETARY OF THE ARMY:

OFFICIAL:

Wm. E. BERGIN
Major General, USA
The Adjutant General

J. LAWTON COLLINS

Chief of Staff, United States Army

DISTRIBUTION:

Tech Svc (2) except 9 (25); Arm & Svc Bd (2); AFF (2); AA Comd (2); OS Maj Comd (10); Base Comd (2); MDW (3); Log Comd (5); A (20); CHQ (2); D (2); R 9 (2); Bn 9 (2); C 9 (2); FC (2); Sch (5) except 9 (50); Gen Dep (2); Dep 9 (10); PE (Ord O) (5), OSD (2); PG 9 (10); Ars 9 (10); Dist 9 (10); SPECIAL DISTRIBUTION.

For explanation of distribution formula, see SR 310-90-1.

CONTENTS

		Page
INTRODUC	TION	2
GROUP 01	ENGINE	35
03	FUEL SYSTEM	65
04	ENGINE EXHAUST SYSTEM	90
05	COOLING SYSTEM	91
06	ELECTRICAL SYSTEM	140
07	TRANSMISSION	
08	TRANSFER	272
09	PROPELLER SHAFT AND UNIVERSAL JOINT	282
10	DIFFERENTIAL AND FINAL DRIVE	298
13	TRACK SUSPENSION	
14	CONTROLS	
15	FRAMES, BRACKETS AND TOWING EQUIPMENT	347
16	SHOCK ABSORBERS AND MOUNTINGS	349
17	FENDERS	350
18	HULL	368
19	TURRET	420
22	MISCELLANEOUS HULL AND ACCESSORIES ITEMS	455
24	FIRE EXTINGUISHER SYSTEM	469
NOTES		472
	ICAL INDEX	
	MBER INDEX	
	E AND MANUFACTURERS' PART NUMBER INDEX	
OKDNANCI	B AND MANUFACTURED TARE NUMBER INDEA	σ 10

MAJOR ITEM

The Tank, light, M24 is stored, issued, and reviewed under ORD 3 SNL G-1.

1

RESTRICTED

INTRODUCTION

1. GENERAL. a. This is a list of items of the light tank M24, arranged according to standard government grouping.

Note. Many of the parts listed herein are not stocked for issue. See ORD 7 and ORD 8 sections of this catalog for listings of those parts stocked and authorized for issue to the various levels of maintenance. When parts not listed in the ORD 8 are needed, separate requisition for these parts should be forwarded through normal supply channels with justification therefor.

- b. For prices of items contained herein, see the appropriate catalog of the ORD 5-3 series.
- c. This list of all service parts to be used for identification and storage purposes. Every individual part is not necessarily stored by itself; many parts are stored as authorized assemblies. Such assemblies are indicated herein. The components of such assemblies are listed alphabetically within the group, with the total quantity of each part required for that particular application.
 - d. An explanation of symbols used throughout this catalog is included under NOTES.
 - e. Additional application of items listed in this catalog, if any, are contained in the ORD 5-5 series.
- f. Ordnance installations will find classification codes in ORD 5–2 for Federal stock numbers listed herein.
- g. For full information relative to the Ordnance section of the Department of the Army Supply Catalog, including the purposes and uses thereof, the procedure followed, and the principles employed in its compilation, see ORD 1.
- 2. MAJOR ITEM DESIGNATION. The major item covered in this catalog is designated as a combat vehicle as defined in AR 700-105.
- 3. PUBLICATIONS PERTAINING TO THIS VEHICLE. The following technical manuals pertain to this vehicle and components thereof: TM 9-1727K, TM 9-1729A, TM 9-1729B, TM 9-1729C, TM 9-1731D, TM 9-1825A, TM 9-1826A, TM 1828A, and TM 9-1829A.
- 4. INTERCHANGEABILITY OF COMPONENTS. Several parts and accessories of this vehicle, listed as follows, are interchangeable with corresponding parts of the gun motor carriage M19A1, 155mm howitzer motor carriage M41, 105mm howitzer motor carriage M37; differential, engine, final drive, suspension, tracks, transfer and transmission.
 - 5. SERIAL NUMBER LOCATIONS. Serial numbers for this vehicle are located as follows:

Complete vehicle: On a plate attached to the inside of the vehicle on the hull wall at the left of the driver.

Controlled differential: On cast boss, below and to the right of the left hand brake adjusting hole.

Engine: On a machine pad which is flush with the top of the block immediately over the water pump.

Final drive: On the top of the cover casting where it is visible from inside of the vehicle.

Transfer unit: On the upper left hand side of the case.

Transmission: On a machine surface on top of the left hand lug for flywheel housing screw, looking down on the transmission from the output end. A duplicate number is also stamped on the bottom of the oil pan at the drain plug.

6. ILLUSTRATIONS. This catalog contains various illustrations to aid the user in locating and identifying parts. These are placed before each group to be convenient for reference in connection with the text for that group. For each part identified on an illustration, the noun, part number, and group number of the item are given. The prefix portion of the figure number indicates the group to which it pertains; the suffix indicates the sequence number within that group (i.e., figure 06–2 signifies illustration number 2 in group 06).

- 7. DEFINITION OF LOCATIONAL TERMS. In the M24, two Cadillac 90°, V-type, 8-cylinder engines are mounted side by side in the rear of the hull, with the timing chain cover toward the rear of the vehicle. The timing chain cover end of the engine is designated the front end, even though it faces the rear of the vehicle and the flywheel end is considered the rear end. The right and left sides of each engine and transmission are determined by standing at the flywheel end and looking toward the front end. Right and left hand engines in the vehicle, however, are designated by their location when viewed from the rear of the vehicle facing toward the front of the vehicle. Engine mountings are designated by their location in the vehicle rather than by their relation to the engines. Thus, the mounting under the transmission is designated as the "engine front mounting" and the mountings under the timing chain cover are designated "engine rear mountings."
- 8. DESCRIPTION. a. Items appearing within a subgroup that lists components of and or items related to only *one* assembly automatically assume as part of their official nomenclature the title of the pertinent subgroup.

Example: "BODY" is an entry in subgroup 0714.2. The complete nomenclature of the item is "BODY, transmission governor," "TRANSMISSION GOVERNOR" being the subgroup title.

b. Items appearing within a subgroup that lists more than one assembly or more than one group of related items are listed with their complete nomenclature.

Example: "JOINT, universal, connection" is an entry in subgroup 0900.3. The complete nomenclature of the item is as shown, the title of the subgroup being "UNIVERSAL JOINTS, YOKES AND SEALS."

- c. Whenever any doubt might exist as to what items are included as components of assemblies, kits or sets, an explanatory note or a complete listing of such component parts is given.
- d. Attaching parts such as bolts, nuts, rivets, washers, etc, are listed and indented immediately under the item which they attach. Whenever similar parts, such as right and left fenders, etc, are listed, they are placed one immediately following the other in the catalog and their attaching parts are indented under the last of such similar parts. The quantities shown for the attaching parts are those required to attach all of the similar parts and not just the last one.
- 9. ARMAMENT, SIGHTING, AND FIRE CONTROL EQUIPMENT. The following is a list of armament, sighting, and fire-control equipment pertinent to this major item. For parts, see the ORD 9 catalog indicated in parenthesis:

```
Gun, 75mm, M6 (C-66)
```

- 2 Gun, machine, cal. .30, Browning, M1919A4 flexible (A-6)
- 1 Gun, machine, cal. .50, Browning, M2, HB, flexible (A-39)
- 1 Mount, combination gun, M64 (C-66)
- 1 Mount, machine gun, cal. .30 (D76459) (A-55, Sec 46)
- 1 Mount, machine gun, AA, cal. .50 (6580030) (A-55, Sec 38)
- 1 Mount, periscope, M66, w/e (F-312)
- 1 Mount, telescope, M65, w/e (F-296)
- 1 Mount, tripod, machine gun, cal. .30, M2 (A-6)
- 2 Periscope, M10P, w/e (1 is spare) (F-235, Vol 4)

Periscope, M4A1, w/Telescope, M77G, w/e, or Telescope, M38A2, w/e (1 is spare) (F-235, Vol 1)

5 Periscope, M13 (2 are spare) (F-235, Vol 5)

Periscope, M13B1 (2 are spare) (F-235, Vol 5)

Periscope, M6 (3 are spare) (F-235, Vol 2)

1 Periscope, M15, w/e (F-235, Vol 6)

Periscope, M15A1 (F-235, Vol 6)

- 1 Quadrant, elevation, M9, w/e (F-281)
- 1 Quadrant, gunner's, M 1 w/e (F-140)
- 1 Stabilizer (D-76467 (C-56)

- 1 Setter, fuse, M14 (wrench) (F-1)
- 1 Setter, fuse, M27 (wrench) (F-1)
- 1 Telescope, M38F (F-1)
- Telescope, M71K (F-235, Vol 10)
- 10. 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:
- a. If only the nomenclature (basic noun-name) is known, and the subgroup is not, refer to the alphabetical index in the back of the catalog. 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.
- b. If any one of the numbers—ordnance number, stock number, or manufacturer's number is known, refer to the appropriate numerical index in the back of the catalog. This index will give the subgroup number in which the part will be found.
- c. If the shape, use, function, or location of the part is known, refer to illustrations in which the part is likely to appear 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.
- 11. STANDARD GOVERNMENT GROUPING. The parts listed in this catalog are arranged by groups and subgroups and alphabetically within these groups. Parts are grouped primarily on the basis of their function rather than location. This arrangement facilitates identification and selection of parts. Refer to paragraph 10.

01—ENGINE		04—ENGINE EXH	AUST SYSTEM	
0100	Power Plant Assembly.	0401	Mufflers, Pipes and Connections.	
0101	Cylinder Block and Head.	-		
0102	Crankshaft and Bearings.	05-COOLING SYSTEM		
0103	Flywheel.	0501	Engine Radiator, Seals, and Supports.	
0104	Pistons, Rings, Connecting Rods, and	0502	Fan Shroud.	
	Bearings.	0503	Hoses, Pipes, Fittings and Thermostat.	
0105.1	Valves, Covers, Springs, and Seats.	0504	Engine Water Pump.	
0105.2	Valve Tappet.	0505	Engine Fan.	
0105.3	Camshaft.	06-ELECTRICAL	MATOVO	
0105.5	Timing Chain, Sprockets and Cover.			
0106.1	Oil Pump.	0601	Generator Assembly.	
0106.2	Oil Filter and Strainer.	0602.1	Generator Regulator.	
0106.5	Crankcase Ventilator and Oil Filler	0603.1	Engine Starter.	
	Pipe.	0603.2	Engine Starter Solenoid.	
0106.6	Oil Pan, Lines, Level Gage and Switch.	0603.3	Engine Starter Relay.	
0108	Intake and Exhaust Manifolds	0604.1	Distributor.	
0109.1	Accessory Drive (Generator, Water	0605	Engine Ignition Coil, Wiring, Spark	
	Pump and Fan).	0.00	Plugs, and Emergency Switch.	
0109.3	Accessory Drive (Distributor, Oil	0607	Instrument Panel (Complete).	
	Pump, and Tachometer).	0608.1	Switches, Circuit Breakers, Terminal	
03—FUEL SYSTEM			and Junction Boxes and Radio Ter-	
••		0000	minal Box.	
0301	Carburetor (Carter Model WCD-583S)	0608.3	Turret Control Box.	
0302	Fuel Pump (electric) (Carter Model P571S).	0609.1	Head, Tail and Marker Lights, Lamps, Lamp-Units.	
0304	Carburetor Air Cleaner.	0609.2	Dome Light.	
0306.1	Fuel Tanks and Installation Parts,	0611.1	Siren, Switch and Cable '	
	and Flame Arrestor.	0611.2	Horn and Cable	
0306.3	Fuel Lines.	0612	Batteries, Hangers, Boxes and Cables	
0306.5	Fuel Shut-off Valve and Pump Con-	0613.1	Hull Wiring.	
	trols.	0613.2	Turret Wiring.	
0306.7	Fuel Shut-off Valve.	0613.3	Power Plant Wiring.	
0309	Fuel Filter.	0614	Turret Slip Ring Box.	

٦	Ĺ	\	į
١	١,		1

06—ELECTRICAL SYSTEM—Continued		13TRACK SUSPENSION		
0615	Radio Suppression.	1301.1	Torsion Bars and Arms.	
0616	Hull Ventilating Blower.	1301.2	Track Wheel Disks, Hubs and Bear-	
AT TRANSMISSION		1000	ings.	
07-TRANSMISSION		1302	Track Support Roller, Disks, Hubs	
0710	Transmission Assembly.	1202	and Bearings. Track Compensating Wheel.	
0711	Transmission Case, Covers, Caps, Gas-	$1303 \\ 1304$	Final Drive Sprocket.	
0719 1	kets, and Retainers Transmission Front Unit.	1304	Tracks.	
$0712.1 \\ 0712.3$	Transmission Front Unit. Transmission Rear Unit.	1303	Tracks.	
0712.3 0714.1	Brakes.	14—CONTROLS		
$0714.1 \\ 0714.2$	Transmission Governor.	1401	Steering and Braking Controls.	
0714.3	Front Servo.	1402	Throttle Controls.	
0714.4	Rear Servo.	1404	Transmission Controls.	
0714.5	Control Valve.	1405	Transfer Controls.	
0714.7	Shifter Rod and Vacuum Lines.	15 FDAMES RDA	CKETS and TOWING EQUIPMENT	
0715.11	Front Oil Pump.	1503	Towing Attachment and Pintle.	
0715.12	Rear Oil Pump.	1909	Towing Attachment and Three.	
0715.5	Oil Cooler and Lines.	16—SHOCK ABSO	RBERS and MOUNTINGS	
0715.6	Oil Pressure Regulator Valve.	1604	Shock Absorber	
0715.91	Oil Lines and Warning Sending Unit.			
0715.93	Oil Level Gage, Oil Pan and Screen,	17—FENDERS		
	and By-Pass Valve.	1701	Fenders and Sandshield.	
0717	Torus (Fluid Coupling).	18HULL		
08-TRANSFER		1803.11	Exterior Doors, Covers, Air Inlet and	
0800	Transfer Assembly and Mountings.	1803.11	Outlet, Grille and Seals.	
0801	Case, Covers, Gaskets, Plugs, Seals,	1803.13	Hinges, Locks and Handles.	
0001	and Oil Filler Pipe.	1803.2	Periscope Mountings.	
0802.1	Input Shaft, Gears and Bearings.	1804.1	Hull Panels, Covers, Bulkhead Ex-	
0802.3	Input and Reverse Idler Gears, Shafts	2002.1	tension, Doors and Parts.	
	and Bearings.	1805.1	Hull Floors, Sub-Floors, Covers and	
0802.5	Main Shaft, Gears, Bearings and		Parts, Escape Hatch (in floor),	
	Clutches.		Drain Valve and Seals.	
0804.1	Clutch Shifters.	1805.3	Propeller Shaft Housing, Covers and	
0804.3	Input Gear Clutch Operating Mech-		Panels.	
	anism.	1806	Seats and Cushions.	
0806.1	Oil Pump, Carrier and Relief Valve	1808.1	Spare Parts, Stowage Racks and Boxes.	
0806.9	Oil Level Gage and Strainer.	1808.3	Ammunition Racks, Ammunition	
09_PROPELLER S	HAFT and UNIVERSAL JOINT	1000 5	Cans, Panels and Boxes.	
0900.1	Front Propeller Shaft.	1808.5	Stowage Straps, Slides and Buckles.	
0900.1	Intermediate Support and Carrier.	19—TURRET		
0900.3	Universal Joints, Yokes and Seals.	1900	Shell.	
0000.0	e mires and e comes, it emes and econor	1901.1	Turret Race.	
10-DIFFERENTIAL	L and FINAL DRIVE	1901.2	Turret Traversing and Machine Gun	
1000	Differential Assembly.		Locks.	
1001	Differential Case, Covers, Bearing	1901.3	Turret Seats.	
	Caps, Gaskets, Plugs and Seals.	1901.4	Protective Pads.	
1002	Differential Gears, Pinions, Shafts and	1903.11	Turret Commander's Vision Cupola.	
	Bearings.	1903.12	Roof and Pistol Port Doors.	
1004	Differential Steering Brake.	1903.2	Sighting Equipment, Periscope Mount-	
1005.1	Differential Oil Pump.	1005 11	ings.	
1005.3	Differential Oil Cooler Lines and	1905.11	Turret Traversing Mechanism.	
1005 4	Hangers. Differential Oil Pressure Relief Valve.	1905.13 1905.15	Turret Traversing Mechanism Brake.	
$1005.4 \\ 1005.6$	Differential Oil Pan, Strainer and Oil	1905.31	Turret Traversing Mechanism Clutch. Turret Traversing Mechanism Hy-	
1000.0	Gage.	1900.31	draulic Motor Adapter.	
1006.1	Final Drive Propeller Shaft.	1905.32	Turret Traversing Mechanism Hy-	
1006.3	Differential and Final Drive Guards	1000.02	draulic Motor.	
2000.0	and Supports.	1905.5	Turret Traversing Mechanism Hy-	
1008.1	Final Drive Assembly.		draulic Pump.	
1008.2	Final Drive Bearings, Covers, Gears,	1905.6	Turret Traversing Mechanism Con-	
	Housing and Shafts.		trols.	

19-TURRET-Continued 22-MISCELLANEOUS HULL and ACCESSORIES ITEMS-Continued 1905.7 Turret Power Traversing Mechanism 2208.1 Speedometer. 2208.2 Reservoir. Tubes and Fittings. Tachometer. Azimuth Indicator and Parts. 1905.9 Turret Traversing Mechanism Electric 2209.1 2210 Name Plates 1906 Turret Stowage Racks, Boxes and Straps. 24-FIRE EXTINGUISHER SYSTEM 22-MISCELLANEOUS HULL and ACCESSORIES ITEMS Fixed Fire Extinguisher. 2401.1 Windshield, Hood and Windshield Remote Control. 2202 2401 3 Wiper. 12. ABBREVIATIONS. The following abbreviations appear in this catalog: adj.....adjust, adjustable, adjusting $ea \dots each$ alloy-S.....alloy steel elec electric al....aluminum exter....external al-alloy.....aluminum alloy ext-teeth external teeth (lock washer) al-bz.....aluminum bronze ext-hv....extra heavy AWG American Wire Gage fbr....fiber fil.....filamentamp....ampere $\mathbf{anld} \ldots \ldots \mathbf{annealed}$ $fil\text{-}hd.\dots\dots fillister\ head$ fin finish or finishing aprx.....approximate, approximately asb asbestos fl-hd flat head assy.....assembly fl-pt.....flat point bev....bevel, beveled flex....flexible bdg-hd.....binding head ga....gage br....brass glvd galvanized gib-hd....gib head br-pltd.....brass plated brgt.....bright graphite-bz....graphite bronze bz.....bronze hanger-pt.....hanger point bz-cast bronze casting hd....headb-hd.....button head hdls....headless hv.....heavy cd.....cadmium cd-pltd.....cadmium plated ht...height cand candelabra hex hexagonal cand-bay-base..candelabra bayonet base $hex\text{-}hd\dots\dots hexagon\ head$ cp.....candlepower $hex\text{-}socket\dots.hexagon\ socket$ hex-socket-hd..hexagon socket head earb.....carbon cr-alloy.....chrome alloy incand incandescent cr-alloy-S. chrome alloy steel in.....inch (es) er-mo-S..... chrome molybdenum steel ID....inside diameter cold-fin-S.....cold finished steel inter internal int-ext-teeth . . . internal external teeth cone-pt.....cone point int-teeth.....internal teeth (lock washer) contd.....continued cop.....copper (cuprum) $ld\text{-}etd\dots\dots lead\ \textbf{coated}$ cop-asb.....copper asbestos lea.....leather corr-res-S..... corrosion resistant steel LH left hand e-pin.....cotter pin $lgh.\dots...length$ lt.....light (weight) ck countersunk ck-hd....countersunk head lkg.....locking cup-pt.....cup point lg....long deg.....degree (angle) lubr.....lubricator, lubricating or lubrication °.....degree (temperature) mach.....machine diam....diameter MI....malleable iron dog-pt.....dog point mang-bz..... manganese bronze dble.....double max....maximumdble-dld double-drilled med.....mediumdble-ear double ear ML..... Metal encased seal with spring loaded $\mathbf{DR}.\dots\dots..double\ row$ leather, neoprene or composition dble-tun-fil.....double tungsten filament sealing member. dld....drilledmfd....microfarad dld f/c-pin....drilled for cotter pin

mm....millimeter

dld f/lkg-wire . . drilled for locking wire

min miniature, minimum, minute (angular	sgle-earsingle ear
measure) minute (time interval)	sltdslotted
misc miscellaneous	sltd-hdslotted head
NC National Course Thread	sltd-ptslotted point
NEFNational Extra Fine Thread	SAE Society of Automotive Engineers
NFNational Fine Thread	socket-hdsocket head
N National Thread Form	spnrspanner
NS National Form Thread, Special Pitch	spspecial
NPTNational Taper Pipe Thread	sp-ptspecial point
ninickel	specspecifications
ni-pltdnickel plated	spgspring
ni-Snickel steel	spg-brspring brass
nomnominal	spg-Sspring steel
Nonumber	sqsquare
octoctagon	sq-hdsquare head
ozounce (s)	sq-shoulder square shoulder
ODoutside diameter	sq-tipsquare tip
oval-hdoval head	stls-Sstainless steel
pkgpackage	stdstandard
p-bzphosphor bronze	stghtstraight
phos-ctdphosphate coated	Ssteel
phos-pltdphosphate plated.	syn-rusynthetic rubber
plain-ptplain point	tapdtapered
pltdplated	Tteeth
ptpoint	thkthick
lbpound (s)	thknsthickness
psipounds per square inch	thdthread or threaded
rect-hdrectangular head	tndtinned
regregular	tnd-coptinned copper
retnretaining	tutubing
RHright hand	tubrtubular
rdround	tun-filtungsten filament
rd-endround end	truss-hdtruss head
rd-hdround head	unfin-Sunfinished steel
rurubber	vvolt
secsecond (angular measure) second (time	volvolume
interval) section	znzinc
s-finsemifinished	zn-pltdzinc plated
serrated-shkserrated shank	w/with
shkshank	w/owithout
sglesingle	WIwrought-iron
ogicsingle	· · · · · · · · · · · · · · · · · · ·

13. MANUFACTURERS' SYMBOLS. The following is a list of symbols preceding the manufacturers' part numbers appear in this catalog:

Symbol	Manufacturer	Symbol	M_{c}	anufacturer
AC	Ac Spark Plug Division (General Motors	EAT	Eaton Manufactı	iring Company.
	Corporation).	ESS	Electric Service	Manufacturing Com-
	. Ainsworth Manufacturing Corporation.		pany.	
BMD	Buick Motor Division (General Motors	FE	Federal Electric C	Company.
	Corporation).	GE	General Electric (Company.
BN	. Bantam Bearing Division.	GL	Guide Lamp Di	vision (General Motors
BO	American Bosch Corporation.		Corporation).	
CAD	Cadillac Motor Car Division (General	$GM \dots \dots$.General Motors	Corporation.
	Motors Corporation).	HC	Cole-Hersee Com	pany.
CAR	. Carter Carburetor Corporation.	HI	Hayes Industries	, Incorporated.
	. Cutler-Hammer, Incorporated.	HR_{\cdots}	. Harrison Radia	tor Division (General
COT	.C-O-Two Fire Equipment.		Motors Corpor	ation).
	. Donaldson Company.	$\mathtt{HRD}\dots$	Harley Davidson	Motor Company.
DR	Delco-Remy Division (General Motors		Imperial Brass C	
	Corporation).	IWC	Industrial Wire	Cloth Productions Cor-
	Detroit Transmission Division.		poration.	
DV	Dole Valve Company (The).	KHW	Kelsey-Hayes Wl	neel Company.

Symbol Manufacturer	Symbol Manufacturer
MAE Monroe Auto Equipment Company.	RKRussell & Stoll Company, Incorporated.
MJ Mechanics Universal Joint Company.	SKShakeproof, Incorporated.
MRC Marlin-Rockwell Corporation.	STP The Standard Products Company.
NP New Process Gear, Incorporated.	SWStewart-Warner Corporation.
ODOldsmobile Division (General Motors	UCUnited Carr Fastener Corporation.
Corporation).	UTS United Specialties Company.
OGOilgear Company (The).	WE Westinghouse Electric and Manufac-
ORB Orange Roller Bearing Company.	turing, Company.
OSB O & S Bearing Company.	WH The Weatherhead Company.
PC Packard Electric Division (General Mo-	WILWilcox-Rich (Division of Eaton Manu-
tors Corporation).	facturing Company).
PNC The Pyle-National Company.	WR Wright Aeronautics Corporation.
RDIRedmond Company, Incorporated.	

14. SUGGESTIONS. Notice of discrepancies or suggested changes should be directed to the Chief of Ordnance, Washington 25, D. C., ATTENTION: ORDFM-Pub.