

TM 9-2320-208-20P

DEPARTMENT OF THE ARMY TECHNICAL MANUAL

ORGANIZATIONAL REPAIR PARTS AND SPECIAL TOOLS

FOR

TRUCK, UTILITY: 1/4-TON, 4 x 4,

M38A1 AND M38A1C

AND

TRUCK, AMBULANCE: FRONT LINE,

1/4 TON, 4 x 4, M170



HEADQUARTERS, DEPARTMENT OF THE ARMY

JANUARY 1966

ORGANIZATIONAL REPAIR PARTS AND SPECIAL TOOLS
FOR
TRUCK, UTILITY: 1/4-TON 4 x 4, M38A1 AND M38A1C
AND
TRUCK, AMBULANCE: FRONT LINE, 1/4-TON 4 x 4, M170

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* This technical manual supersedes TM 9-2320-208-20P, 13 February 1959, including C1, 12 June 1959, and C 2, 25 April 1960

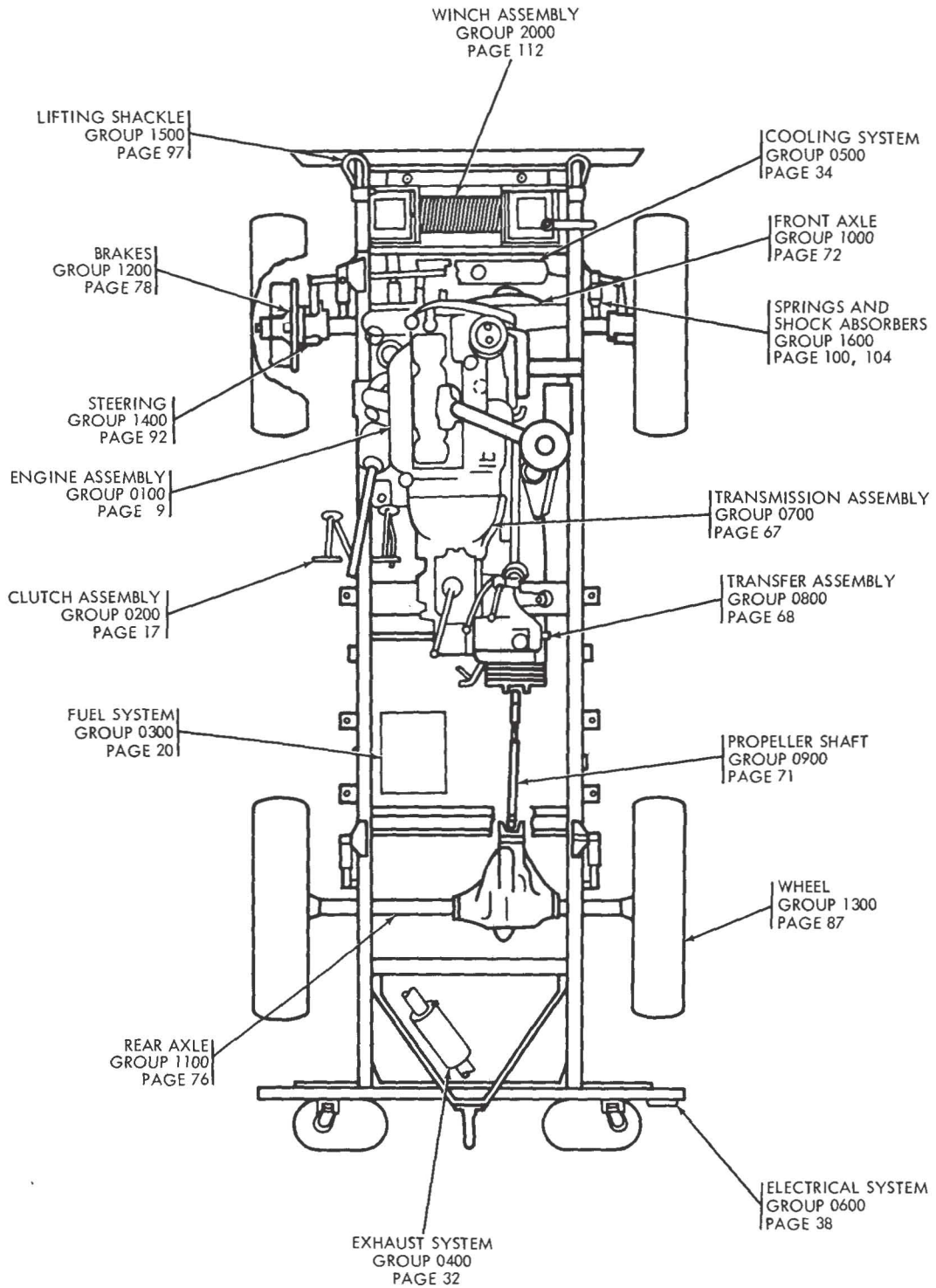
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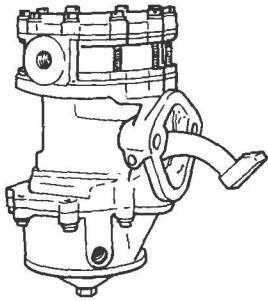


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Visual guide to contents

FUEL PUMP

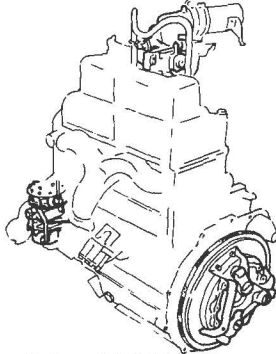
(Model AC 1539810)



Maint - TM 9-1828A
Parts - TM 9-2320-208-20P

ENGINE AND CLUTCH

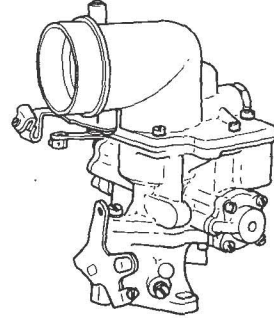
(Engine, Willys-Overland, Model (MD))
(Clutch, Borg & Beck, Type Single Plate)



Maint - TM 9-8015-1
Parts - TM 9-2320-208-34P

CARBURETOR

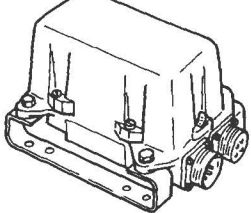
(Carter Model Type YS-9505)



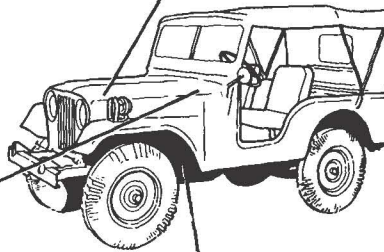
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Parts - TM 9-2320-208-20P

REGULATOR

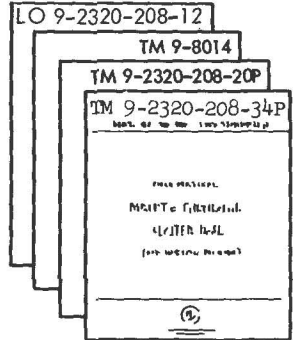
(Autolite Model VBC 400 4UT)



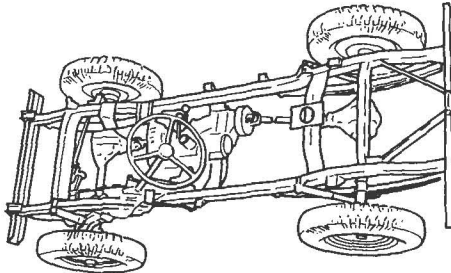
Maint - TM 9-2920-210-34



VEHICLE PUBLICATIONS

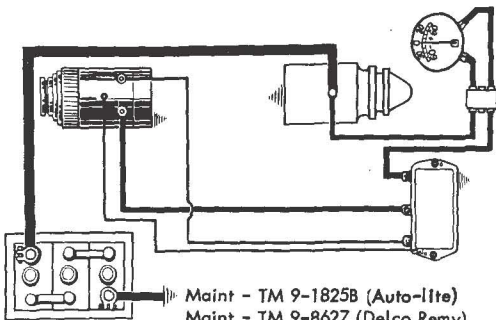


POWER TRAIN



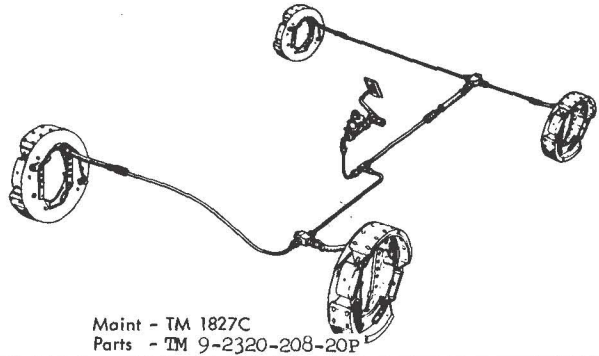
Maint - TM 9-8015-2
Parts - TM 9-2320-208-34P

ELECTRICAL



Maint - TM 9-1825B (Auto-lite)
Maint - TM 9-8627 (Delco Remy)
Parts - TM 9-2320-208-20P

BRAKES



Maint - TM 1827C
Parts - TM 9-2320-208-20P

VISUAL PUBLICATIONS REFERENCE

Truck, Utility: 1/4-Ton, 4x4, M38A1-M38A1C

Truck, Ambulance: Front Line, 1/4-Ton, 4x4, M170

ORD E52019

SECTION I

PREFACE

1. GENERAL

a. This manual is an illustrated list of all items required or authorized for organizational maintenance. Items having allowances must be on hand or on order at all times in the quantities determined by paragraph 3g.

b. For prices of the Ordnance items listed herein, see the appropriate supply manual of the SM 9-2 series, Stock List of All Items - Price List. Prices of items that are the responsibility of Materiel Control agencies other than Ordnance Materiel Control may be obtained from the appropriate type-2 supply manuals for those services.

c. Additional applications of items in this manual are listed in the supply manuals of the SM 9-3 series, Stock List of Repair Parts Cross Reference List (XL).

2. REQUISITION NOTES

a. If the exact item requisitioned is not furnished or if other action is necessary, the exact nature of the action taken by the supplying agency will be indicated by standard symbols on prescribed forms.

b. When requisitioning an item, the requesting agency will order the listed item. However, the supplying agencies will take necessary action to issue the exhaust stock item until stock is exhausted, whether it be an individual item, kit, set, or assembly.

3. EXPLANATION OF COLUMNS

a. Illustrations. The figure number sub-column identifies the illustration and the item number is cross-referenced directly to the illustration and keyed to a picture of the item.

b. Source, Maintenance and Recoverable Code. This column lists a code that indicates the selection status and source of supply of the repair part, the lowest category of maintenance capable of installing or manufacturing the repair part, and the recoverability and expendability aspects of the repair part. An example of this code is P-O-R. The "P" indicates that the item is a mission stockage list repair part that is procured and stocked

on a national program basis; the "O" indicates that the repair part is authorized to operator, crew and organizational maintenance units; and the "R" indicates the part is a recoverability, expendable item. When repair parts supply responsibility has been assigned to a materiel agency other than Ordnance, the basic number of the supplying materiel agency is listed in column 2a, for example, "11" for a Signal Materiel item. Refer to paragraph 9 for an explanation of all codes appearing in this manual.

c. Federal Stock Number. This column lists the Federal stock number assigned by the Cataloging Division, Armed Forces Supply Support Center.

d. Description. The Federal item name (shown in capital letters) and any additional description required for supply operations are listed in this column. All dimensions listed are in inches unless otherwise specified. For further identification, the Materiel Control or manufacturer's part number is parenthetically listed at the end of each nomenclature.

e. Unit of Issue. The Unit of Issue column lists the actual unit of issue for each item (ea, ft, etc.).

f. Quantity Incorporated in Unit. The quantity shown in this column indicates the number of the listed item required for the particular use indicated. The quantity does not reflect the total quantity of the part required for the vehicle since that part may have other functional uses.

g. 15-Day Maintenance Allowance Per 100 Equipments. No quantities are listed in these columns. Refer to TM 9-2300-223-20P for allowance factors for items stocked. If an item appears here and is not listed in TM 2300-223-20P it can be requisitioned as required for immediate use only.

(1) This column lists an allowance factor which is based on the latest mortality data and is the estimated average quantity required by organizational maintenance to provide maintenance and supply support for 100 equipments for a 15-day period under combat conditions. A decimal fraction system

is used to express the allowance factors.

- (2) Since the allowance factors are based on 100 equipments, it is necessary to compute the exact quantity authorized. This quantity is determined by use of a simple mathematical formula. Resulting fractional values of 0.5 or larger will be rounded to the next higher whole number. Fractional values below 0.5 will be rounded to the next lower whole number. A minimum quantity of one will be authorized whenever the computed allowance quantity is less than one.

Example 1: If the number of equipments supported is 30, and the allowance factor for 100 equipments is 5.9, the following computation would be made:

$$\frac{30 \times 5.9}{100} = 1.77$$

Since the resulting fractional value is larger than 0.5, the computed value will be rounded to the next higher whole number, in this case 2.

Example 3: If the number of equipments supported is 89, and the allowance factor for 100 equipments is 3.4, the following computation would be made:

$$\frac{30 \times 3.4}{100} = 3.026$$

In this instance, the result is rounded to the next lower whole number since the fractional value is less than 0.5 and the echelon would be authorized a quantity of 3.

- (3) The quantitative allowances determined in accordance with (2) above constitute one prescribed load for a 15-day period. Major commanders will determine the number of prescribed loads second echelon units and organizations will carry. Units and organizations authorized additional prescribed loads will utilize the computations explained in (2) above, but will multiply the number of equipments supported by the number of authorized prescribed loads before completing the computation.

Example 1: If the number of equipments supported is 30, and the allowance factor per 100 equipments is 5.9 and the authorized number of prescribed loads is 3, the following computation would be made:

$$\frac{30 \times 2 \times 5.9}{100} = 3.54$$

The resulting quantity is rounded to the next whole number, in this case 4.

Example 2: If the number of equipments supported is 89, and the allowance factor per 100 equipments is 3.4, and the authorized number of prescribed loads is 3, the following computation would be made:

$$\frac{89 \times 3 \times 3.4}{100} = 9.079$$

In this instance, the quantity authorized would be rounded to 9.

- (4) Additional repair parts which may be required to perform organizational maintenance, but are not authorized for stockage in the prescribed load, are listed with no allowance factors shown. These parts are identified by an asterisk (*) in the allowance column and are to be requisitioned for immediate use only.

4. HOW TO FIND PARTS

This manual is arranged in a standard government grouping (i.e., group 01, engine; group 03, fuel system; group 12, brake systems, etc.). Parts may be located if one of the following identifying factors is known. The visual table of contents (page v) lists the page numbers on which the assembly or part may be found.

a. Major Component, Assembly or Location. Refer to the visual table of contents on page v or the table of contents on page i.

b. Government Group, Function, Use, or Location. Refer to the table of contents (page i) which lists the subsections under the major four-digit standard government groups. The non-illustrated items, if any, are listed with closely related illustrated assemblies or components.

c. Nomenclature (Basic Noun Name). Refer to the alphabetical index on pages thru

d. Federal Stock Number. Refer to the Federal stock number index on pages thru

e. Ordnance or Manufacturer's Part Number. Refer to the Ordnance or Manufacturer's Part Number Index on pages thru

5. ATTACHING PARTS

In some cases, non-illustrated, attaching and/or closely related items are listed indented directly below the item to which they pertain.

6. PERTINENT PUBLICATIONS

The following publications pertain to this vehicle and its components.

LO 9-2320-208-12

Lubrication Order for Truck, Ambulance: front line, 1/4-ton, 4 x 4, M170 and Truck, Utility: 1/4-ton, 4 x 4, M38A1 and M38A1C.

TM 9-8014

Operator and Organizational Maintenance Manual for Truck, Ambulance: front line, 1/4-ton, 4 x 4, M170 and Truck, utility: 1/4-ton, 4 x 4, M38A1 and M38A1C.

TM 9-8015-1

Ordnance Maintenance Manual for Engine (Willys-Overland Model MD) and clutch for 1/4-ton, 4 x 4, utility truck M38A1.

TM 9-8015-2

Ordnance Maintenance Manual for Power train, body and frame for 1/4-ton, 4 x 4, utility truck M38A1 and 1/4-ton, 4 x 4, front line ambulance M170.

TM 9-2320-208-34P

Direct and General Support Maintenance Manual for Truck, Ambulance: front line, 1/4-ton, 4 x 4, M170 and Truck, utility: 1/4-ton, 4 x 4, M38A1 and M38A1C.

7. SPECIAL INFORMATION

When there is no designation of model application in item nomenclature the item is supplied for all models (Gasoline and Multifuel) covered in this manual. When the word "gasoline" appears in the item nomenclature, the

item is only supplied for gasoline models covered in this manual. When the word "multifuel" appears in the item nomenclature, the item is only supplied for multifuel models covered in this manual.

8. ABBREVIATIONS AND SYMBOLS

a. Abbreviations.

adj	adjust(able)(ing)
al-alloy	aluminum alloy
al-oxide	aluminum oxide
alloy-S	alloy steel
amp	ampere(s)
amp-hr	ampere hour(s)
and	annealed
anodic-fin.	anodic-finish
approx	approximate(ly)
assy	assembly(ies)
b-hd	button head
bdg-hd	binding head
blk	black
blunt-pt	blunt point
br	brass
brgt	bright
btry	battery
bz	bronze
cand-bay-base	candelabra bayonet base
cap.	capacity
cd- or zn-pltd	cadmium or zinc-plated
cd-pltd	cadmium plated
cham	chamfer(ed)
CI	cast iron
ck	countersunk
ck-hd	countersunk head
c/1	center line
cop	copper
cp	candle power
cr-pltd	chromium plated
cross-recess-fil-hd	cross-recess- fillister head
cross-recess-oval-hd	cross-recess oval head
cross-recess-pan-hd	cross-recess pan head
crown-hd	crown head
ctd	coated
dbl	double
dbl-fil	double filament
deg	degree(s)
dia	diameter
dld	drilled
dld-f/c-pin	drilled for cotter pin
dld-sq-hd	drilled square head
ea	each
ext-strong	extra strong
ext-teeth	external teeth (lockwasher)

F Fahrenheit
 Fed Federal
 Fed Spec Federal Specification
 fig. figure(s)
 fil filament(s)
 fil-hd fillister head
 fin. finish
 fl flat
 fl-ck-hd flat countersunk head
 fl-pt flat point
 gal gallon(s)
 gimlet-pt gimlet point
 glvd galvanized
 h height, high
 hd head
 hds headless
 hex hexagon(al)
 hex-hd hexagon head
 hex-socket hexagon socket
 hv-duty heavy duty
 hyd hydraulic
 id inside diameter
 ins insulated, insulating, insulator
 int-ext-teeth internal-external teeth
 int-teeth internal teeth
 lb pound(s)
 lg length (long)
 lh left hand
 lht left-hand thread
 lkg locking
 low-carb-S low carbon steel
 lt light (weight)
 lubr. lubricator, lubricating, lubrication
 mach. machine
 max. maximum
 med medium
 med-carb-S medium carbon steel
 MI malleable iron
 min miniature, minimum, minute
 min-bay-base miniature bayonet base
 mm millimeter(s)
 mtg mounting(s)
 mtl metal
 NC National Coarse Thread
 neg negative
 NF National Fine Thread
 ni nickel
 ni-alloy-S nickel alloy steel
 ni-pltd nickel plated
 no. number(s)
 nom nominal
 non-rvrs nonreversible
 NPT National Taper Pipe Threads
 NPTF National Taper Pipe Threads
 (Dryseal)
 NS National Special Thread
 od olive drab, outside diameter
 (dimension)

oval-hd oval head
 oz ounce(s)
 p-bz phosphor bronze
 pan-hd pan head
 phos-ctd phosphate coated
 pltd plated
 pos positive
 psi pounds per square inch
 rd-end round end
 rd-hd round head
 rect rectangular
 reg regular
 retn retaining
 rh right hand
 rtc ratchet
 S steel
 sec section(s)
 sgle-cond single conductor
 sgle-contact single contact
 sgle-end single end
 sgle-fil single filament
 shk shank
 sh-met sheet metal
 sh-met-thd sheet metal thread(s)
 sltd slotted
 sltd-hd slotted head
 sp-gr specific gravity
 sq square
 sq-drive square drive
 sq-end square end
 sq-hd square head
 sq-socket square socket
 std standard
 stght straight
 syn-ru synthetic rubber
 tapd tapered
 tee-hdl tee handle
 temp temperature
 thd thread(ed)(s)
 thk thick(ness)
 tnd-bz tinned bronze
 tnd-cop tinned copper
 tubr tubular
 UNC Unified National Coarse
 UNF Unified National Fine
 v volts
 wd wide
 w/ with
 w/o without
 wtrprf waterproofed
 x by (as in 2 x 4)
 zn zinc
 zn-dichromate-fin zinc dichromate finish
 zn-pltd zinc plated

b. Symbols.

- ≠ As required.
- ☆ Item available separately.
- ☆☆ Item available as part of Set or Kit.

9. EXPLANATION OF CODES

b. Source Code.

- P Applied to repair parts which are high mortality parts procured by Materiel Control agencies stocked in and supplied from the materiel agency depot system, and authorized for use at indicated categories of maintenance.
- P1 Applied to repair parts which are low mortality parts procured by technical services, stocked only in and supplied from technical service key depots and authorized for installation at indicated maintenance echelons.
- X2 Applied to repair parts which are not stocked. The indicated category of maintenance requiring such repair parts will attempt to obtain from salvage. If not obtainable from salvage, such repair parts will be requisitioned with supporting justification through normal supply channels.
- C Applied to repair parts authorized for local procurement. If not obtainable from procurement, such repair parts will be requisitioned through normal supply channels with a supporting statement of nonavailability from local procurement.

c. Maintenance Code.

O Organizational Maintenance.

d. Recoverability Code.

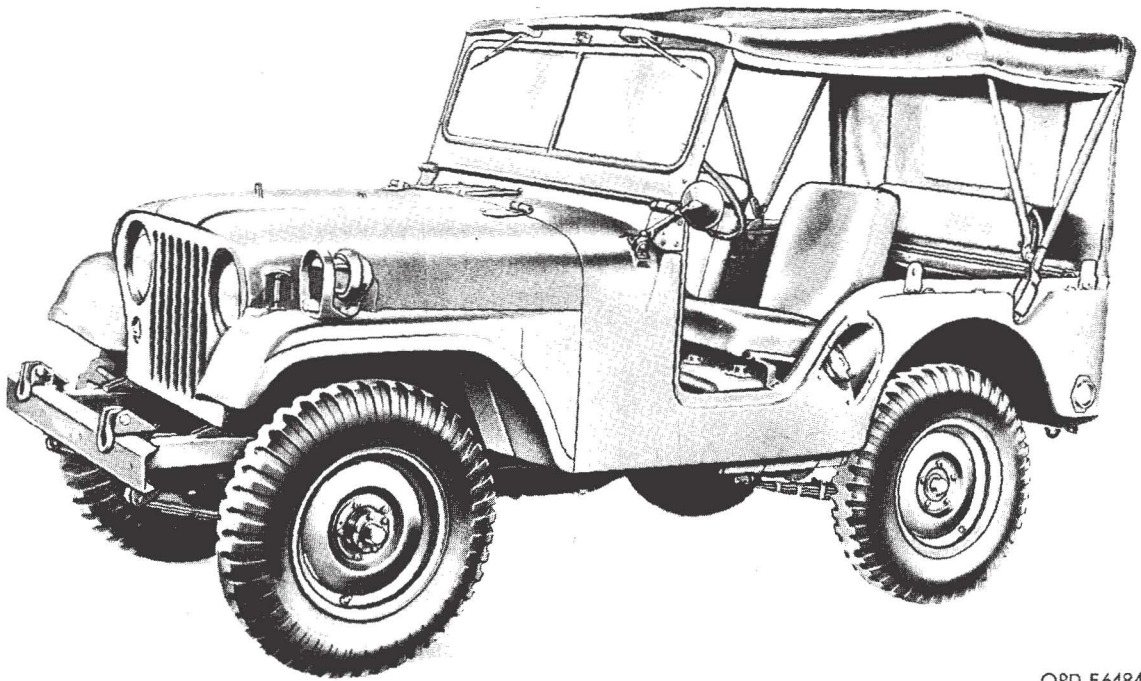
- N Indicates a repair part that is non-expendable and not recoverable.
- R Applied to repair parts and assemblies which are economically repairable and when available, are furnished by supply on an exchange basis.

10. MANUFACTURERS' SYMBOLS

<u>Symbol</u>	<u>Former Symbol</u>	<u>Manufacturer</u>
19728	AL	Electric Auto-Lite Co., The
59875	TP	Thompson Products, Inc.
78080	SP	Spicer Mfg. Corp.
93041	RWM	Ramsey Winch Mfg. Co.
65909	WO	Kaiser Jeep Corp.
96906	MS	Military Standard

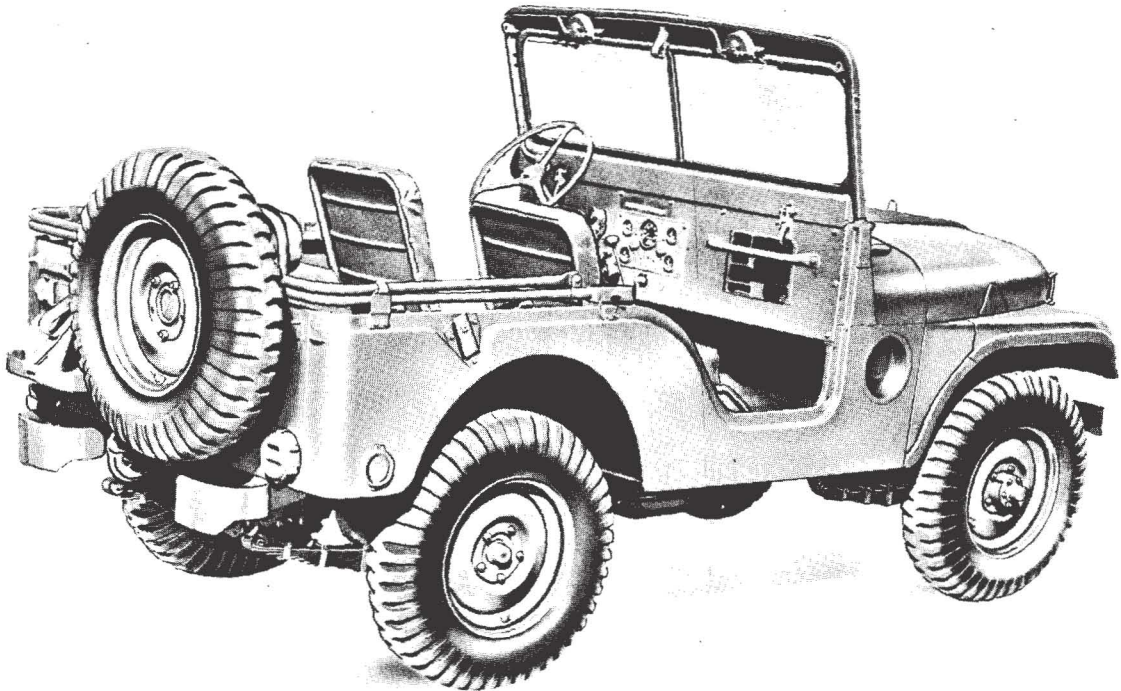
11. SUGGESTIONS AND RECOMMENDATIONS

The direct reporting of errors, omissions and recommendations for improving this equipment manual by the individual user, is authorized and encouraged. DA Form 2028 will be used for reporting these improvements. This form may be completed using pencil, pen or typewriter. DA Forms 2028 will be completed by the individual using the manual and forwarded direct to Commanding General, U.S. Army Tank-Automotive Center, ATTN: SMOTA-MS, Warren, Michigan 48090.



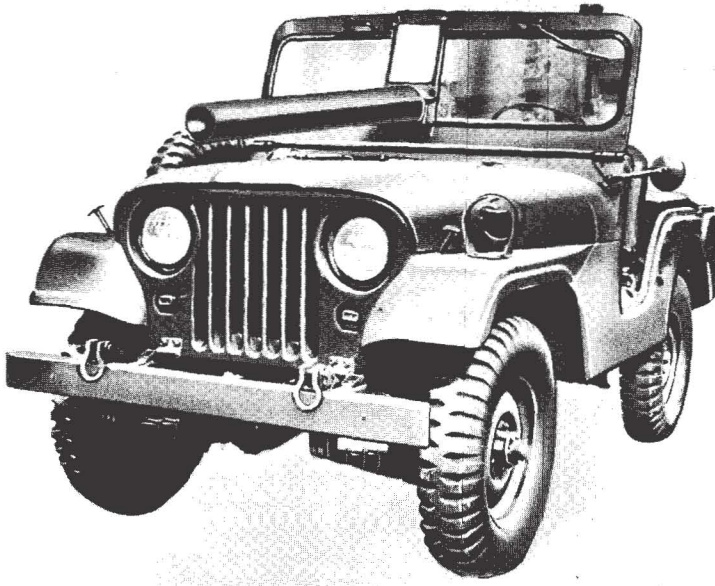
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Figure 1. Truck, utility: 1/4-ton, 4x4, M38A1 - left front view



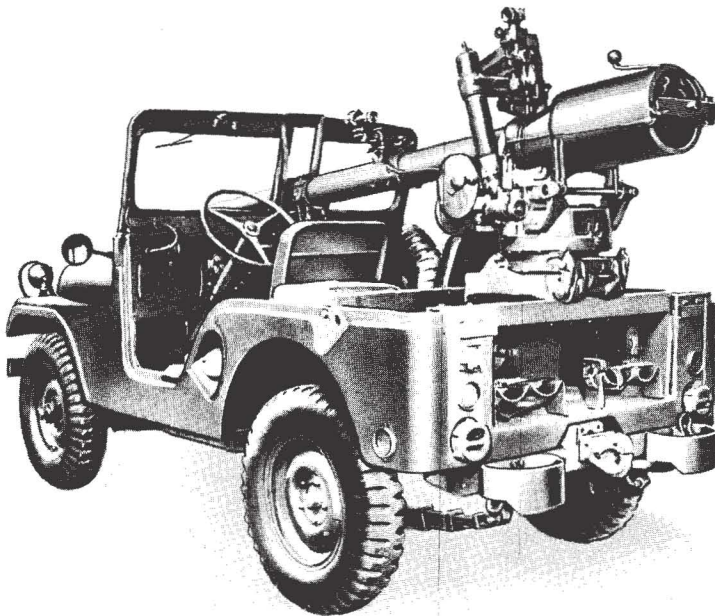
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Figure 2. Truck, utility: 1/4-ton, 4x4, M38A1 - right rear view



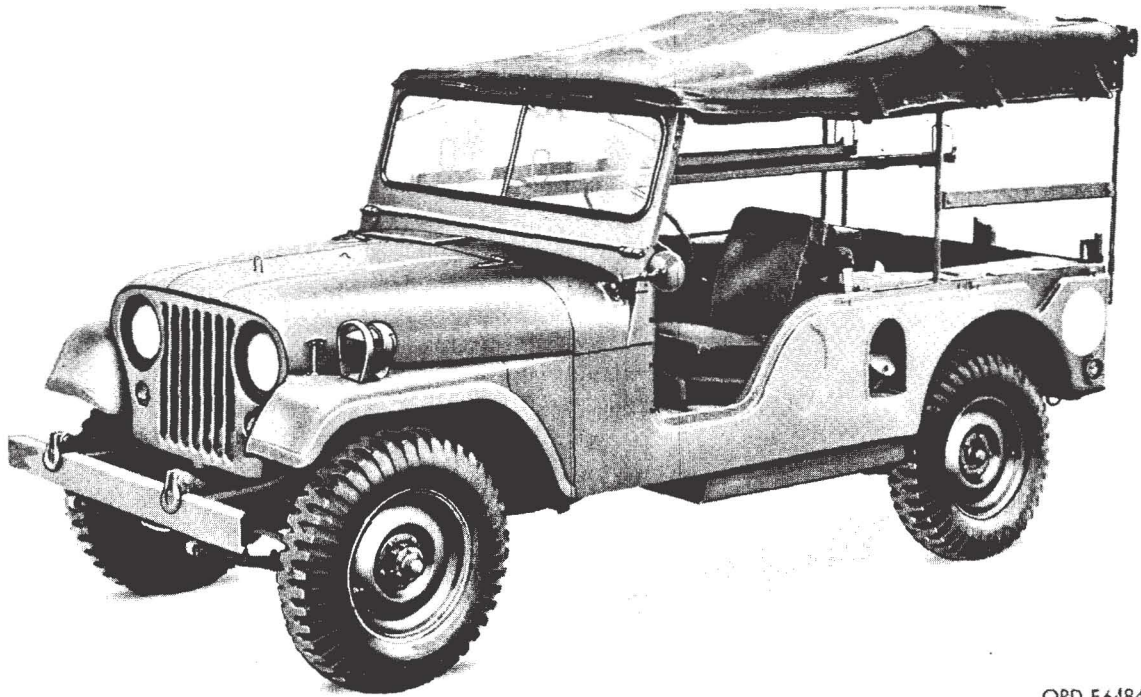
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Figure 3. Truck, utility: 1/4-ton, 4x4, M38A1C - left front view



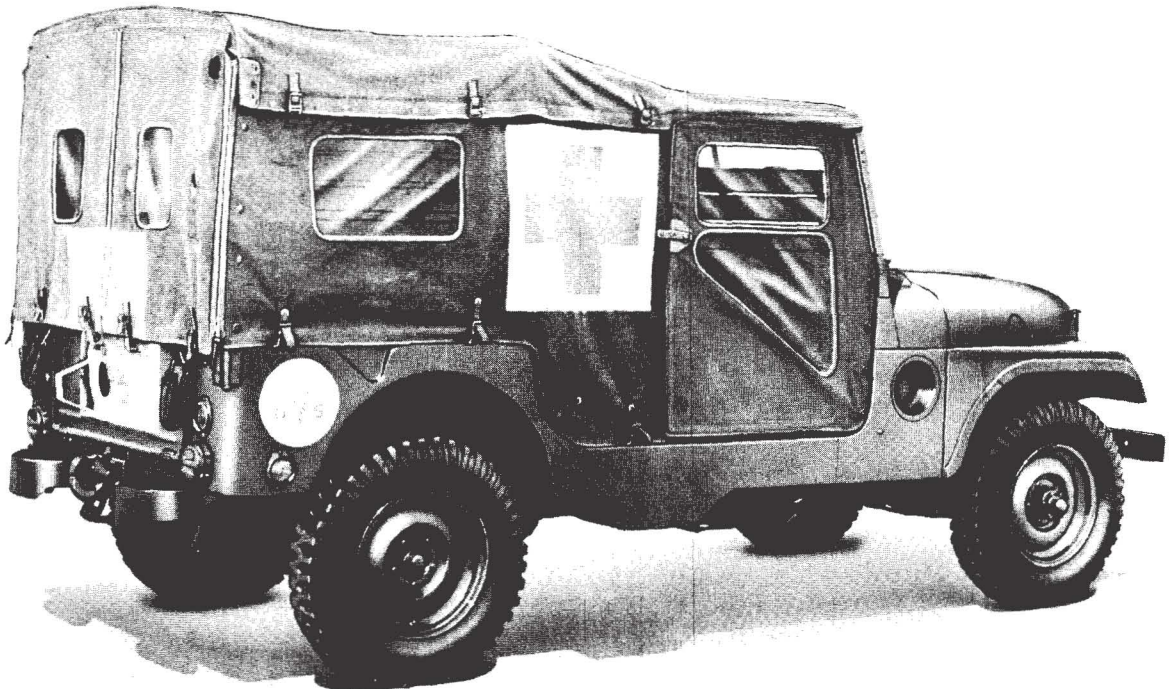
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Figure 4. Truck, utility: 1/4-ton, 4x4, M38A1C - right rear view



ORD E64848

Figure 5. Truck, ambulance: front line, 1/4-ton, 4x4, M170 - left front view



ORD E64849

Figure 6. Truck, ambulance: front line, 1/4-ton, 4x4, M170 - right rear view

(1) ILLUST		(2) SOURCE, MAINT AND RECOVERABILITY CODE				(3) FEDERAL STOCK NO	(4) DESCRIPTION	(5) UNIT OF ISSUE	(6) QTY INC IN UNIT	(7) 15-DAY MAINT ALW PER 100 EQUIP	
(a) FIG NO	(b) ITEM NO	(a) MATERIEL CODE	(b) SOURCE	(c) MAINTENANCE LEVEL	(d) RECOVERABILITY					(a) CO OR E- RY	(b) CO BN OR REGT
Section II. ORGANIZATIONAL REPAIR PARTS											
01 ENGINE											
<u>0100 - ENGINE ASSEMBLY (Fig. 7)</u>											
7	3	C	O			5340-737-2551	CUSHION, MOUNTING SUPPORT: rear, w/studs, assy (7372551)	ea	1		
		P	O			5310-696-5177	NUT, ASSEMBLED WASHER: hex, ext-teeth lockwasher, S, cd- or zn-pltd, 3/8-24NF-2B, 9/16 w, 27/64 thk (271193)	ea	2		
		P	O			5310-050-3351	NUT, SELF-LOCKING, HEXAGON: S, cd- or zn-pltd, 3/8-24UNF-3B, 9/16 w, 29/64 thk (critical installation) (503351)	ea	2		
		P	O			5310-582-5977	WASHER, FLAT: S, 1t, S, cd- or zn-chromate fin., 13/36 id, 13/16 od, 0.065 thk, for 3/8 screw size (96906-15795-214)	ea	2		
7	5	C	O			5340-318-1024	MOUNT, RESILIENT: front mounting support, assy (8328391)	ea	2		
		P	O			5310-696-5175	NUT, ASSEMBLED WASHER: hex, ext-teeth lockwasher, S, cd- or zn-pltd, 5/16-24NF-2B (271187)	ea	4		
		P	O			5310-044-2832	NUT, SELF-LOCKING, HEXAGON: S, cd- or zn-pltd huglock type, 1/2-20UNF-2B, 3/4 w, 9/16 thk (442832)	ea	2		
		P	O			5306-012-0213	BOLT, MACHINE: low-carb-S, cd- or zn-pltd, 5/16, 24UNF-2A x 7/8 (120213)	ea	4		
		P	O			5310-616-3023	WASHER, FLAT: 1t, S, cd- or zn-chromate-fin., 11/32 id, 11/16 od, 0.065 thk, for 5/16 screw size (120393)	ea	4		
		P	O			5310-012-0388	WASHER, FLAT: S, CD or ZN - Pltd., 7/16 id, 1 od, 0.083 thk (120388)				

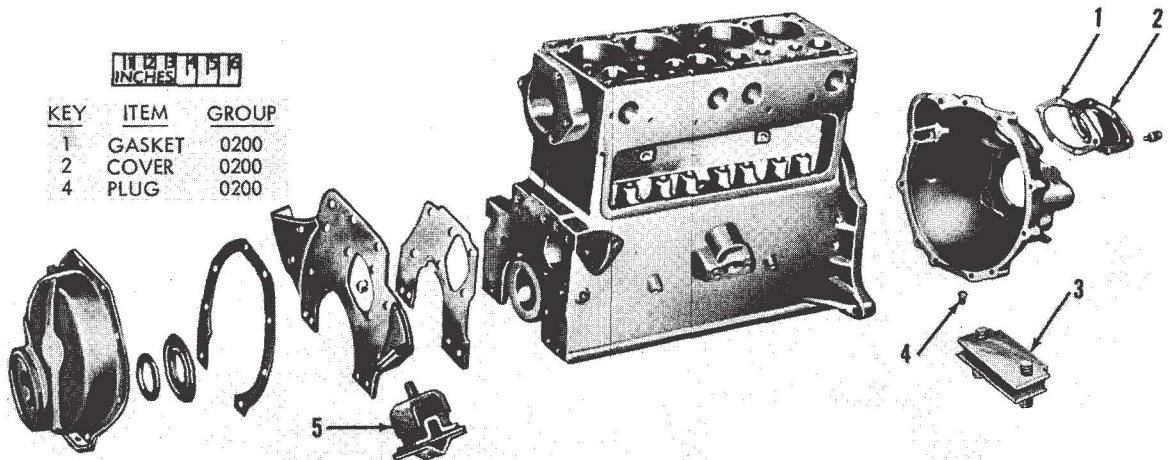


Figure 7. Engine assembly - exploded view

(1) ILLUST		(2) SOURCE, MAINT AND RECOVERABILITY CODE				(3) FEDERAL STOCK NO	(4) DESCRIPTION	(5) UNIT OF ISSUE	(6) QTY INC IN UNIT	(7) 15-DAY MAINT ALW PER 100 EQUIP	
(a) FIG NO	(b) ITEM NO	(a) MATERIAL CODE	(b) SOURCE	(c) MAINTENANCE LEVEL	(d) RECOVERABILITY					(a) CO OR E- RY	(b) CO BN OR REGT
<u>01 - ENGINE - Continued</u>											
<u>0101 - CYLINDER HEAD AND RELATED PARTS (Fig. 8)</u>											
8	1		P	O	R	2805-391-3103	HEAD: cylinder (8328474) -----	ea	1		
			P	O		5306-286-1517	BOLT, MACHINE: 7/16-14NC x 1-11/16 (8329676) -----	ea	1		
			C	O		5306-575-9792	BOLT: 7/16-14NC x 4-1/4 (8329677) -----	ea	12		
			P	O		5306-574-8361	SCREW: 7/16-14NC x 4-5/8 (8329678) -----	ea	2		
			P	O		5310-655-7149	WASHER, FLAT: S, cd- or zn-pltd, 15/32 id, 59/64 od, 0,065 thk (96906-15795-216)	ea	11		
8	4		P	O		4730-278-3388	PLUG, PIPE: sq-hd, S, zn-pltd, 1/8 in. (oil filter hole (2) and main oil gallery (1))	ea	3		
<u>NON-ILLUSTRATED ITEM</u>											
			P	O		5340-054-1402	PLUG, EXPANSION: S, 1-1/4 in. dia (cylinder block) (541402)	ea	2		

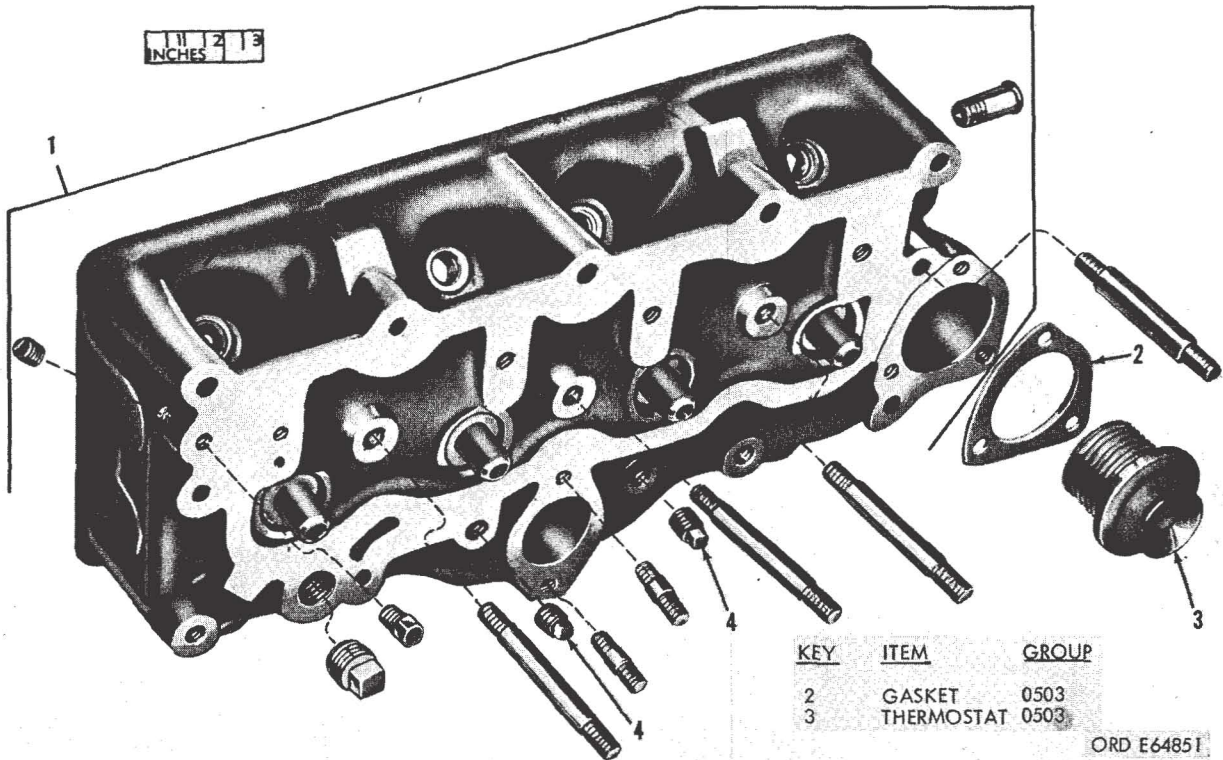


Figure 8. Cylinder head, assembly - exploded view

(1) ILLUST		(2) SOURCE, MAINT AND RECOVERABILITY CODE				(3) FEDERAL STOCK NO	(4) DESCRIPTION	(5) UNIT OF ISSUE	(6) QTY INC IN UNIT	(7) 15-DAY MAINT ALW PER 100 EQUIP	
(a) FIG NO	(b) ITEM NO	(a) MATERIEL CODE	(b) SOURCE	(c) MAINTENANCE LEVEL	(d) RECOVERABILITY				(a) CO OR BTRY	(b) SEP CO SEP BN OR REGT	
							<u>01 - ENGINE - Continued</u>				
							<u>0105 - ENGINE VALVE COVER AND RELATED PARTS (Fig. 9)</u>				
9	1			C	O	5330-360-7918	GASKET: valve compartment cover (☆☆gasket sets, 2805-025-6979 and 2805-040-2458) (65909-630305)	ea	1		
9	3			C	O	5330-291-9013	GASKET: valve compartment cover screw (☆☆gasket sets, 2805-025-6979 and 2805-040-2458) (8329873)	ea	2		
9	4			C	O	5305-774-1420	SCREW: valve compartment cover (7741420) -----	ea	1		
9	4			C	O	5305-774-1421	SCREW: valve compartment cover (5/16-18NC x 2-9/16) (65909-645094)	ea	1		
							<u>NON-ILLUSTRATED ITEMS</u>				
				C	O	2805-040-2543	GASKET: rocker arm cover (☆☆gasket sets, 2805-025-6979 and 2805-040-2458) (65909-648798)	ea	1		
				P	O	5310-543-2641	NUT, PLAIN, HEXAGON: S, cd- or zn-pltd, 5/16-24UNF-2B, 1/2 w, 3/16 thk (valve adjustment locking) (124920)	ea	4		
				C	O	5315-335-4710	STUD: valve compartment cover (rear) (8329696) -----	ea	1		

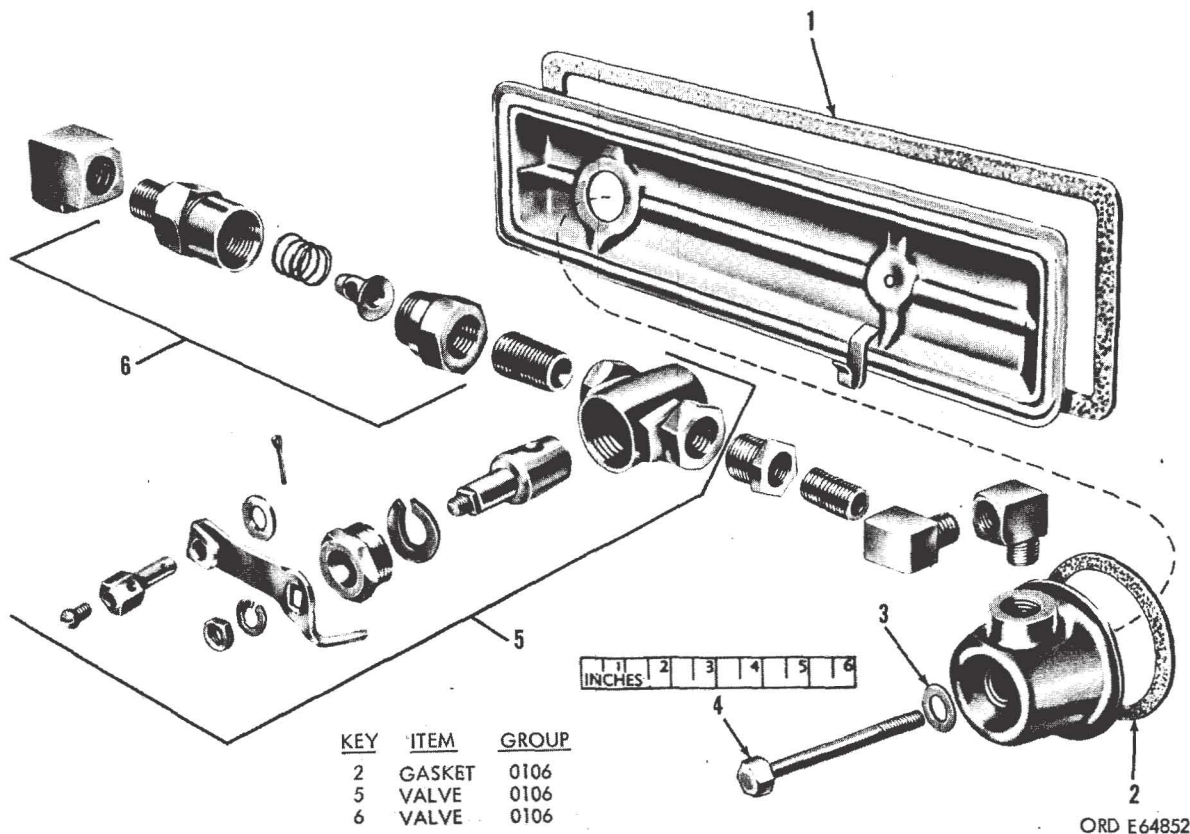
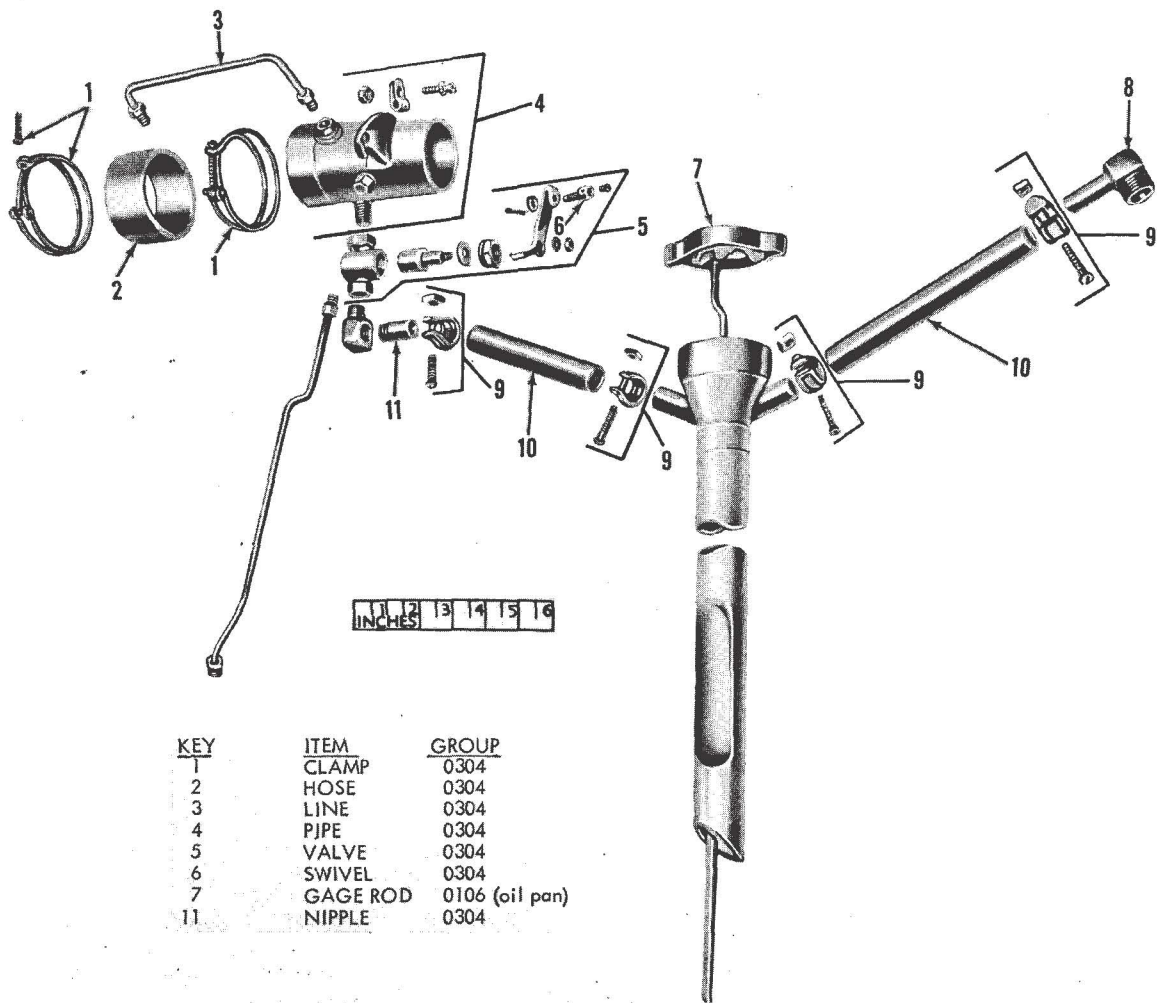


Figure 9. Engine valve cover and related parts



KEY	ITEM	GROUP
1	CLAMP	0304
2	HOSE	0304
3	LINE	0304
4	PIPE	0304
5	VALVE	0304
6	SWIVEL	0304
7	GAGE ROD	0106 (oil pan)
11	NIPPLE	0304

ORD E64853

Figure 10. Upper vent system - exploded view

(1) ILLUST		(2) SOURCE, MAINT AND RECOVERABILITY CODE				(3) FEDERAL STOCK NO	(4) DESCRIPTION	(5) UNIT OF ISSUE	(6) QTY INC IN UNIT	(7) 15-DAY MAINT ALW PER 100 EQUIP	
(a) FIG NO	(b) ITEM NO	(a) MAINTEN CODE	(b) SOURCE	(c) MAINTENANCE LEVEL	(d) RECOVERABILITY				(a) CO OR BTRY	(b) SEP CO SEP BN OR REG	
01 - ENGINE - Continued											
<u>0106 - UPPER VENT SYSTEM (Fig. 10)</u>											
10	8	P	O			4730-278-4557	ELBOW: hose, 90 deg, br, 1/2 in, hose, 3/8 in, male pipe end (rocker arm cover) (8329715)	ea	1		
10	9	P	O			4730-278-2040	CLAMP, HOSE: adj (band type) external teeth, S, phos-ctd, 13/16 to 7/8 id (8330945)	ea	4		
10	10	P	O			2805-695-1035	HOSE, PREFORMED: oil, filler pipe to air filter pipe and oil filler pipe to valve cover (8332675)	ea	2		
19	12	P	O			2805-040-2516	LINE ASSEMBLY: crankcase vent line (8329639) Fabricated from:	ea	1		
19		P	O			4710-250-9897	TUBE STEEL: cold-drawn, dble-wrapped, cop, brazed 6/16 cd, 0.028 wall thk (crankcase vent line) (left) (80244-44-T-5319-65)	ft	≠		
		P	O			4730-013-7398	NUT, INVERTED, TUBE COUPLING: inverted flare, S, cd- or zn-pltd, 5/16 od tu, 0.620 overall lg (crankcase vent line) (137398)	ea	2		
9	2	C	O			2805-360-7927	GASKET: vent body to valve compartment cover (☆☆gasket set, 2805-025-6979) (7371272)	ea	1		
9	5					2910-741-0836	VALVE: control assy. (7410836)-----	ea	1		
9	6	C	O			4820-360-7930	VALVE: metering, crankcase vent line (5336400)-----	ea	1		
19	10	P	O			4730-542-3019	CLAMP, HOSE: S, cd- or zn-pltd, 3/4 in. (oil filler pipe to air cleaner control valve vent hose) (8330945)	ea	2		
		P	O			5306-283-0407	BOLT, ASSEMBLED WASHER: hex-hd, split lockwasher, S, cd- or zn-pltd, 1/4-20UNC-2A x 1/2 (9409106)	ea	1		
19	11	C	O			2910-321-7423	HOSE: carburetor housing tube to oil filler tube (8329643)	ea	1		
<u>NON-ILLUSTRATED ITEMS</u>											
		P	O			6Z19-322-35	CLIP: closed, S, cd- or zn-pltd, 9/16 of tube, hole for 3/8 in, bolt (oil filter line to front engine plate and oil filter inlet hose to water pump bolt)	ea	2		
		P	O			6Z19-471-2	CLIP: fastener, type E, S, 3/16 in. (oil line to bracket)-----	ea	1		
		P	O			4730-277-8273	ELBOW, PIPE TO TUBE: br, flared tube, inverted, 90 deg 1/4 in, tube 1/8 in, male pipe end (oil filter outlet line used w/filter 2940-202-9653)	ea	2		
		P	O			4720-248-1231	HOSE, RUBBER: coolant lines, stght hv-duty, lt wall lo temp -65 deg F, 3/16 in, id (1 ft) (air cleaner to oil filter tube) (80244-33-H-585)	ft	≠		
		P	O			4730-737-6248	TEE: vent line (65909-807713)-----	ea	1		
		P	O			4720-235-1777	TUBE, RUBBER: rocker arm cover to oil filler pipe (1 ft) (80244-33-T-240)	ea	≠		
		P	O			4710-595-1824	TUBE, STEEL: cold-drawn dble-wrapped, cop brazed 1/4 od, 0.028 wall thk (80244-44-T-5319-60)	ea	≠		

(1) ILLUST		(2) SOURCE, MAINT AND RECOVERABILITY CODE				(3) FEDERAL STOCK NO	(4) DESCRIPTION	(5) UNIT OF ISSUE	(6) QTY INC IN UNIT	(7) 15-DAY MAINT ALW PER 100 EQUIP	
(a) FIG NO	(b) ITEM NO	(a) MATERIAL CODE	(b) SOURCE	(c) MAINTENANCE LEVEL	(d) RECOVERABILITY					(a) CO OR F-117	(b) CO SEP BN OR RECT
01 - ENGINE - Continued											
0106 - ENGINE OIL FILTER ASSEMBLY (Fig. 11)											
11	1		P	O		4730-289-4712	ADAPTER, STRAIGHT, PIPE TO HOSE: br, 1/SNPTF male pipe end, 3/16 id x 23/64 od hose end, assy (oil filter inlet) (501648)	ea	1		
11	2		P	O		2805-569-8968	LINE: flexible, oil filter inlet assy (S331932) -----		1		
11	3		P	O		2940-141-9025	FILTER, ELEMENT, FLUID, PRESSURE: mil std junior size, 4-1/4 dia x 4-7/8 H nom size w/gaskets (used w/ filter, 2940-202-9653) (540462)	ea	1		
11	4		P	O		2940-253-7257	SPRING, HELICAL, COMPRESSION: w/filter (2940-202-9653) (Fram) (5308282)	ea	1		
11	4		P	O		5340-360-4410	SPRING, HELICAL COMPRESSION: cover screw (use S/filter, 2940-202-9653) (77477-25757)	ea	1		
11	5		C	O		5310-262-3000	GASKET: cover screw (used w/filter, 2940-202-9653) (Fram) (5308281)	ea	1		
11	5		C	O		2805-770-3975	GASKET: cover screw (used w/filter, 2940-202-9653) (Purolator) (77477-25756)	ea	1		
11	6		P	O		5306-298-7836	BOLT, SHOULDER: cover (used w/filter, 2940-202-9653) (Fram) (5308280)	ea	1		
11	7		C	O		2940-040-2626	LINE: oil filter outlet, assy (use w/filter, 2940-202-9653) (S332530)	ea	1		
11	8		P	O		4730-289-4713	ADAPTER, STRAIGHT, TUBE TO HOSE: inverted flare, swivel, br, 3/16 tu end, 3/16 id, 23/64 od, hose end, assy (oil filter inlet) (501650)	ea	1		

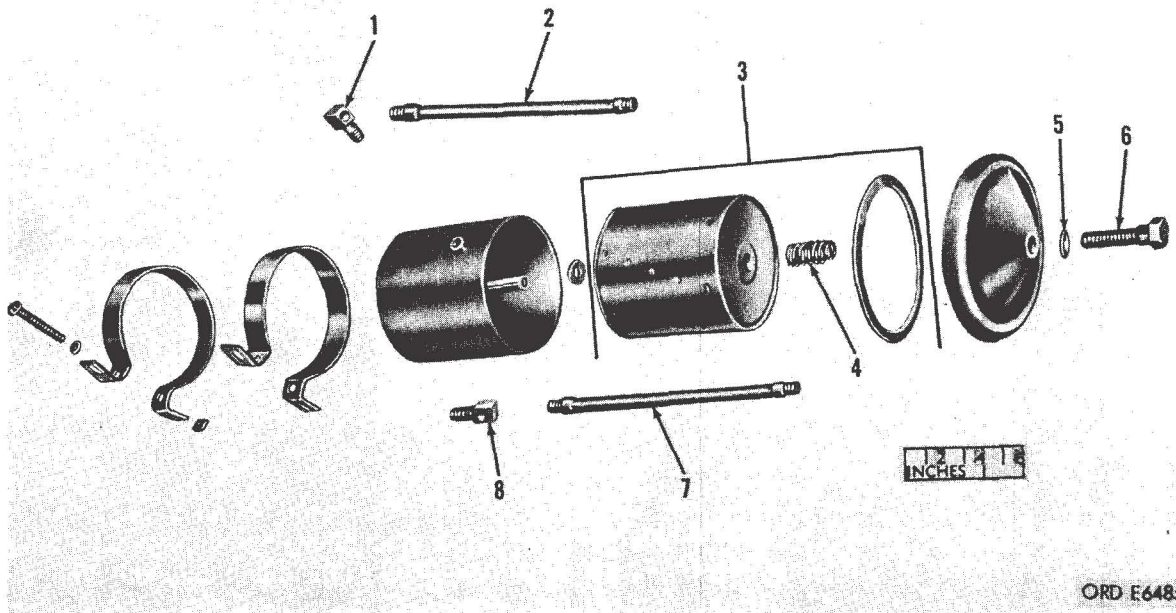
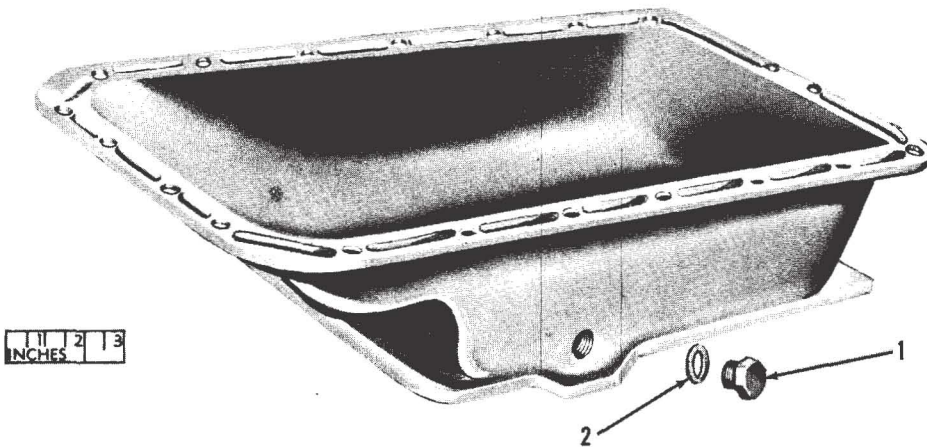


Figure 11. Oil filter assembly - (fram) - exploded view

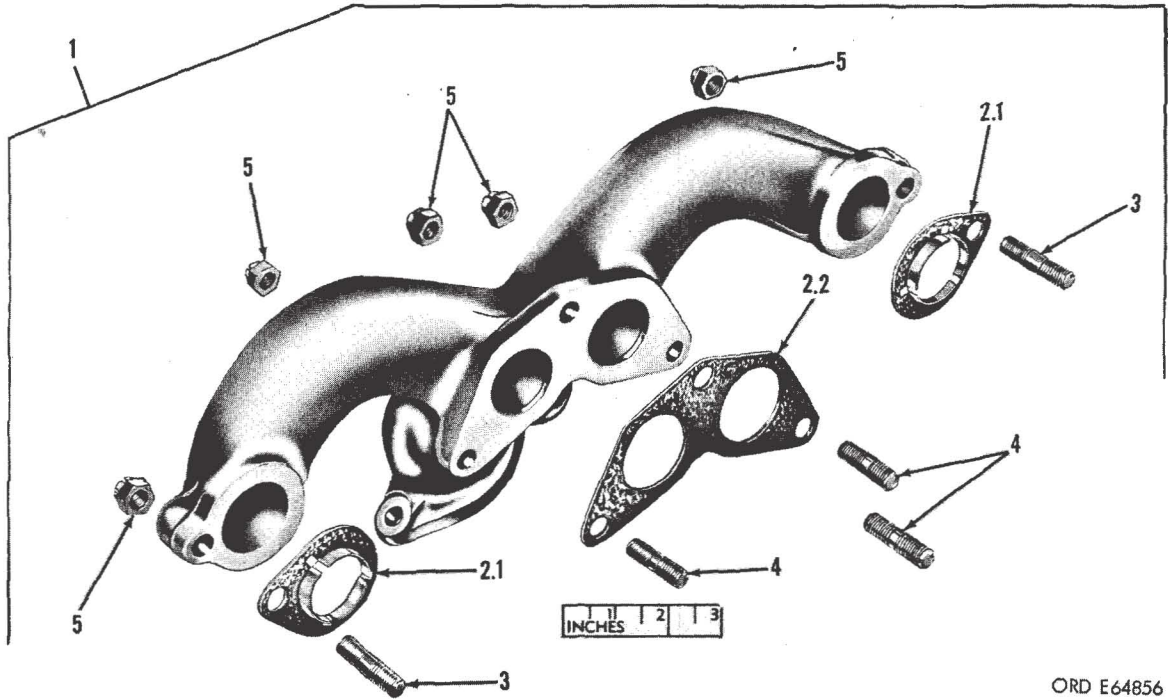
(1) ILLUST		(2) SOURCE, MAINT AND RECOVERABILITY CODE				(3) FEDERAL STOCK NO	(4) DESCRIPTION	(5) UNIT OF ISSUE	(6) QTY INC IN UNIT	(7) 15-DAY MAINT ALW PER 100 EQUIP	
(a) FIG NO	(b) ITEM NO	(a) MATERIEL CODE	(b) SOURCE	(c) MAINTENANCE LEVEL	(d) RECOVERABILITY				(a) CO OR BTRY	(b) CO SEP BN SEP OR REGT	
01 - ENGINE - Continued											
0106 - ENGINE OIL PAN (Fig. 12)											
12	1		P	O		4730-090-9235	PLUG: drain (7351892) -----	ea	1		
12	2		P	O		5330-543-6722	GASKET: annular, cop and asb, rd sec, 7/8 in. nom dia (drain plug) (☆☆gasket sets, 2805-025-6979 and 2805-361-7832) (105456)	ea	1		
10	7		P	O		2805-537-2129	GAGE ROD, LIQUID LEVEL: w/cap (8328406) -----	ea	1		
NON-ILLUSTRATED ITEMS											
			P	O		4730-014-2431	INVERTED NUT, TUBE COUPLING: inverted flare, br, 3/8-24UNF-2A, 3/16 od tu, 0.560 over-all lg (used w/ tube, 4720-350-9896) (142431)	ea	2		
			P	O		4730-014-4307	NUT, TUBE COUPLING: flared type, short, br, 45 deg seat, 3/8-24UNF-2B, 5/8 over-all lg, 3/16 od tu (used w/tube, 4710-595-1824) (144307)	ea	2		
			P	O		4720-350-9896	TUBE, STEEL: cold-drawn, cop-ctd, dble-wrapped, brazed, rd, 3/16 od, 0.028 wall thk (80244-44-T-5319-55)	ft	≠		



ORD E64855

Figure 12. Engine oil pan

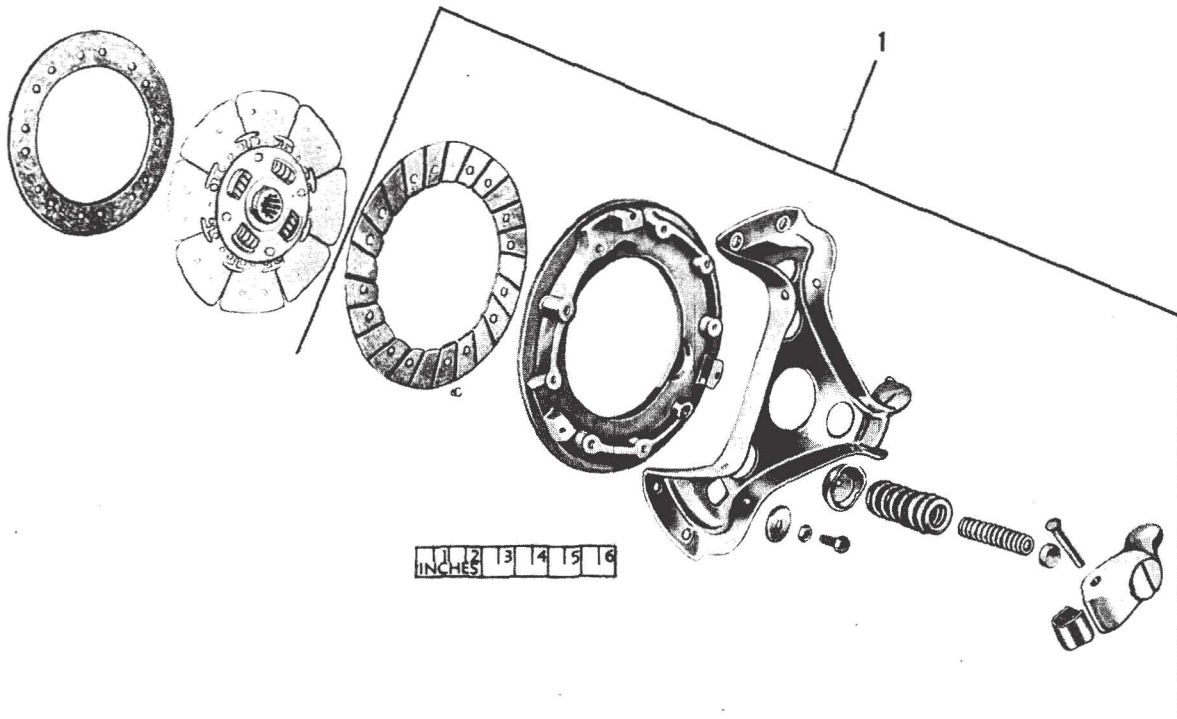
(1) ILLUST		(2) SOURCE, MAINT AND RECOVERABILITY CODE				(3) FEDERAL STOCK NO	(4) DESCRIPTION	(5) UNIT OF ISSUE	(6) QTY INC IN UNIT	(7) 15-DAY MAINT ALW PER 100 EQUIP		
(a) FIG NO	(b) ITEM NO	(a) TECHNICAL SERVICE NO	(b) SOURCE	(c) MAINTENANCE LEVEL	(d) RECOVERABILITY				(a) CO OR BTRY	(b) CO SEP IN SEP OR RECT		
							01 - ENGINE - Continued					
							<u>0108 - EXHAUST MANIFOLD AND RELATED PARTS (Fig. 13)</u>					
13	1		C	O		2805-391-3093	MANIFOLD: exhaust, assy (8329699) -----	ea	1			
13	2		C	O		2805-211-8765	GASKET SET: manifold (8329752) ----- Composed of: 1 GASKET, exhaust manifold center (8329751) 2 GASKET, exhaust manifold ends (8329750) 1 GASKET, exhaust pipe flange (65909-634814) (non-illustrated)	ea	1			
	2.1											
	2.2											
13	3		P	O		5307-011-2572	STUD, PLAIN: S, 3/8-16UNC 9/16 x 3/8-24UNF-2 5/8 x 2-3/16 in. over-all lg (112572)	ea	2			
13	4		P	O		5307-010-3196	STUD, PLAIN: low-carb-S, 3/8-16NC, 9/16 x 3/8-24NF-2 5/8 x 1-9/16 (103196)	ea	3			
13	5		P	O		5310-050-3354	NUT, SELF-LOCKING, HEXAGON; br, 3/8-24UNF-3B, 9/16-in. w, 29/64 in. thk (critical installation) (503354)	ea	5			



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Figure 13. Exhaust manifold - exploded view

(1) ILLUST		(2) SOURCE, MAINT AND RECOVERABILITY CODE				(3) FEDERAL STOCK NO	(4) DESCRIPTION	(5) UNIT OF ISSUE	(6) QTY INC IN UNIT	(7) 15-DAY MAINT ALW PER 100 EQUIP	
(a) FIG NO	(b) ITEM NO	(a) MATER L CODE	(b) SOURCE	(c) MAINTENANCE LEVEL	(d) RECOVERABILITY				(a) CO OR BTRY	(b) CO SEP BN OR REGT	
							02 - CLUTCH ASSEMBLY <u>0200 - CLUTCH ASSEMBLY (Fig. 14)</u>				
14	1	P	O	R		2520-307-8850	CLUTCH: pressure, plate, w/cover, assy (8328265)-----	ea	1		
7	1	C	O			2520-292-2128	GASKET: inspection hole cover (8328313)-----	ea	1		
7	2	C	O			2520-040-1888	COVER: inspection, linkage (8328310)-----	ea	1		
7	4	P	O			4730-278-3389	PLUG, PIPE: sq he, m1, glvd, 1/4 in, (103865)-----	ea	1		



ORD E64857

Figure 14. Clutch assembly - exploded view

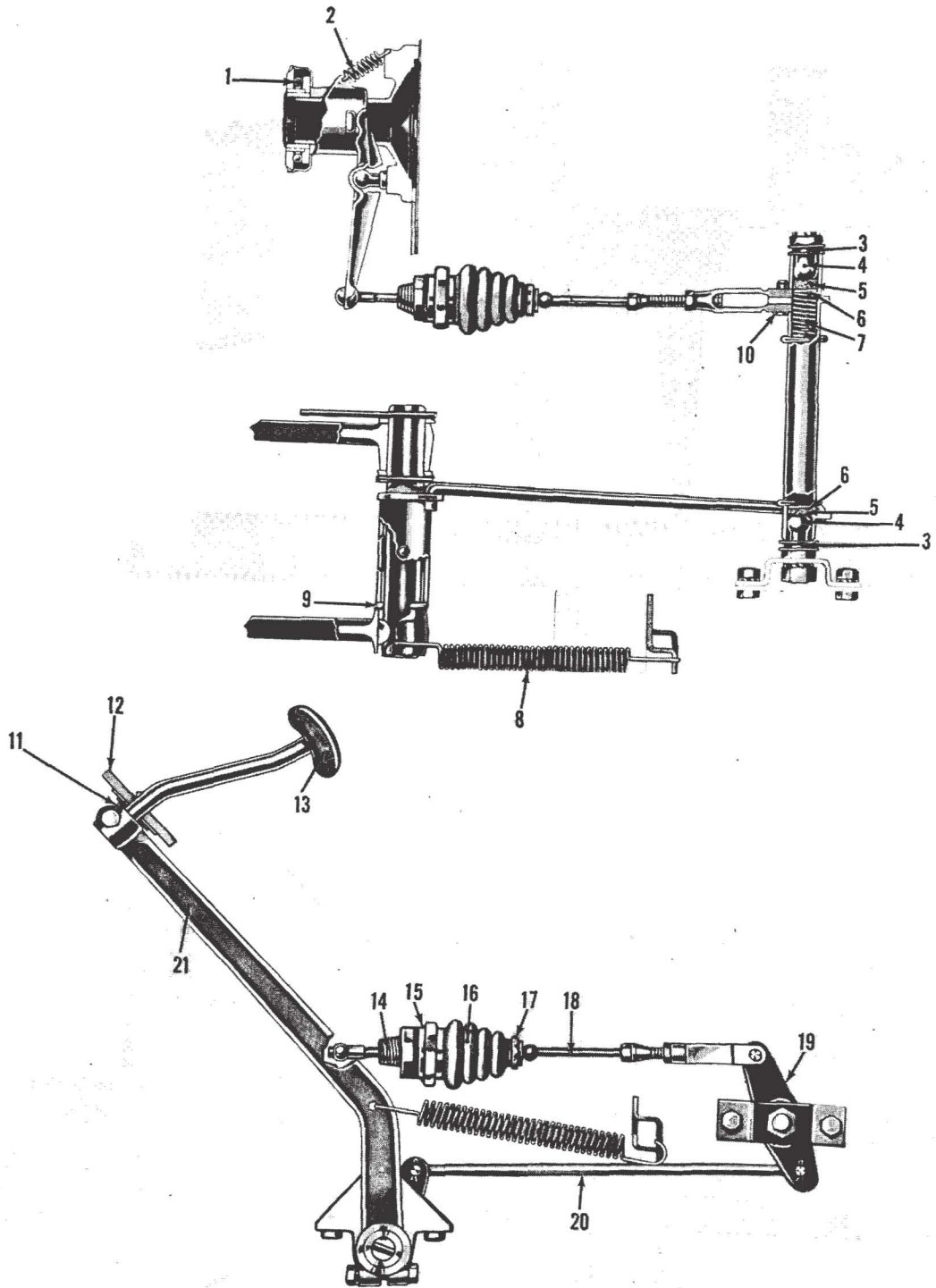
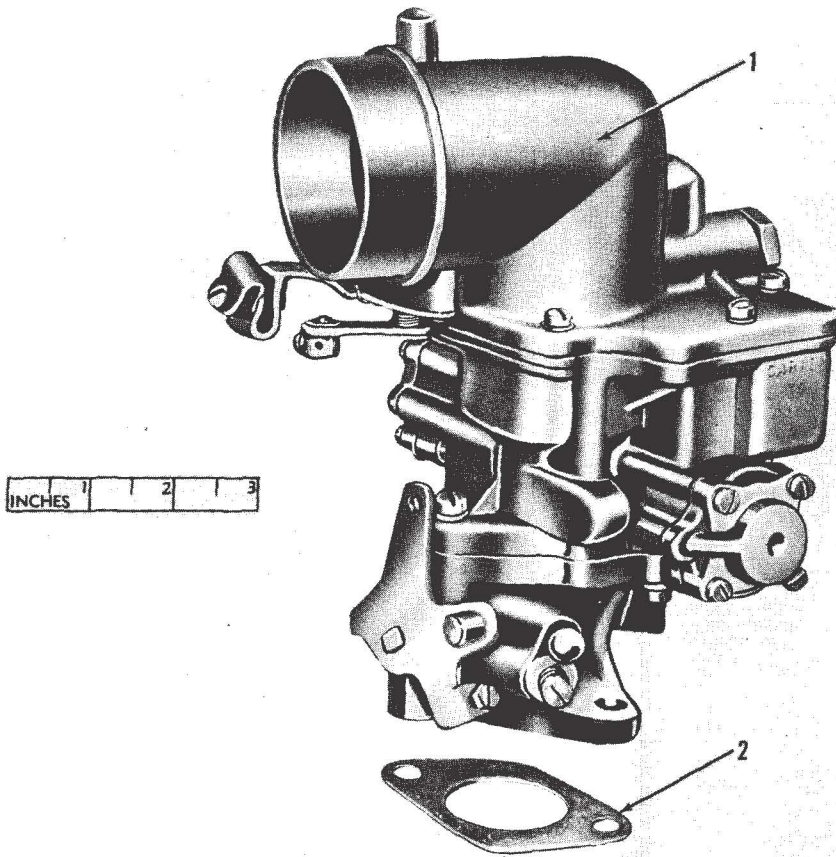


Figure 15. Clutch linkage

ORD E64

(1) ILLUST		(2) SOURCE, MAINT AND RECOVERABILITY CODE				(3) FEDERAL STOCK NO	(4) DESCRIPTION	(5) UNIT OF ISSUE	(6) QTY INC IN UNIT	(7) 15-DAY MAINT ALW PER 100 EQUIP	
(a) FIG NO	(b) ITEM NO	(a) MATERIEL CODE	(b) SOURCE	(c) MAINTENANCE LEVEL	(d) RECOVERABILITY				(a) CO OR F.S.Y.	(b) CO SEP BN OR RECT	
02 - CLUTCH ASSEMBLY - Continued											
0202 - CLUTCH LINKAGE (Fig. 15)											
15	1		P	F		3110-158-6196	BEARING, BALL, THRUST: mil-std-code 999-13059-0000 sr, grooved race surface, sgle direction, rigid, banded od, bz or S, ferrule on id of one washer, S, washer overlap, 1.5000 in. bore, 2.8125 in. od, 0.6250 in. H clutch release (710203)	ea	1		
15	2		C	O		2520-368-2630	SPRING: release bearing carrier (7371366) -----	ea	1		
15	3		C	O		2590-737-1337	SEAL: dust, control lever tube (7371337) -----	ea	2		
15	4		C	O		5307-524-6557	STUD: ball, control lever tube (5246557) -----	ea	2		
15	5					5330-737-1364	PAD: felt 5/8 od, 1/4 thk (control tube) (7371364) -----	ea	2		
15	6		C	O		2520-737-1340	RETAINER: control lever tube spring (7371340) -----	ea	2		
15	7		C	O		2540-524-6558	SPRING: helical, control lever tube (5246558) -----	ea	1		
15	8		C	O		2520-597-2315	SPRING: retracting, pedal (8387940) -----	ea	1		
15	9		P	O		5310-050-2242	WASHER, FLAT: S, 1-1/32 id, 1-3/4 od, 0.109 thk (pedal shaft) (502242)	ea	3		
15	10		P	O		5315-054-4190	PIN, STRAIGHT, HEADED: dld-f/c-pin, cham, S, hardened, cd- or zn-pltd, 5/16 dia shank, 23/32 lgh underhead to c/1 of hole (control lever tube adjusting yoke) (544190)	ea	1		
15	11		C	O		2530-769-7454	SPRING: clutch pedal draft pad (7697454) -----	ea	1		
15	12		C	O		5330-040-2470	PAD: draft, pedal (8328436) -----	ea	1		
15	13		C	O		2540-040-2471	PAD: pedal (8328437) -----	ea	1		
15	14		P	O		4730-040-2472	SUPPORT: control tube lever release cable seal (bell housing) (8328439)	ea	1		
15	15		P	O		4730-278-2039	CLAMP, HOSE: band type, exter-teeth-lock washer, S, phos-ctd, 1-1/4 in. to 1-1/2 in. id (control tube lever release cable seal) (8328435)	ea	1		
15	16		C	O		2520-692-6051	SEAL: control tube lever release cable rubber (8332072)	ea	1		
15	17		P	O		4730-278-2042	CLAMP, HOSE: band type, exter-tooth-lock, 3/8 in. to 5/8 in. id (control tube lever release cable seal) (8328434)	ea	1		
15	18		C	O		2540-318-0885	CABLE: tube, control lever (8328129) -----	ea	1		
15	19		C	O		2520-737-2823	LEVER: control w/tube, assy (7372823) -----	ea	1		
15	20		C	O		2520-737-2826	ROD: pedal shaft lever to control tube lever (7372826) -----	ea	1		
15	21		C	O		2540-495-9499	PEDAL: assy (7371342) -----	ea	1		
NON-ILLUSTRATED ITEM											
			C	O		5310-737-5065	WASHER FLAT: pedal draft pad (65909-A6360)-----	ea	1		

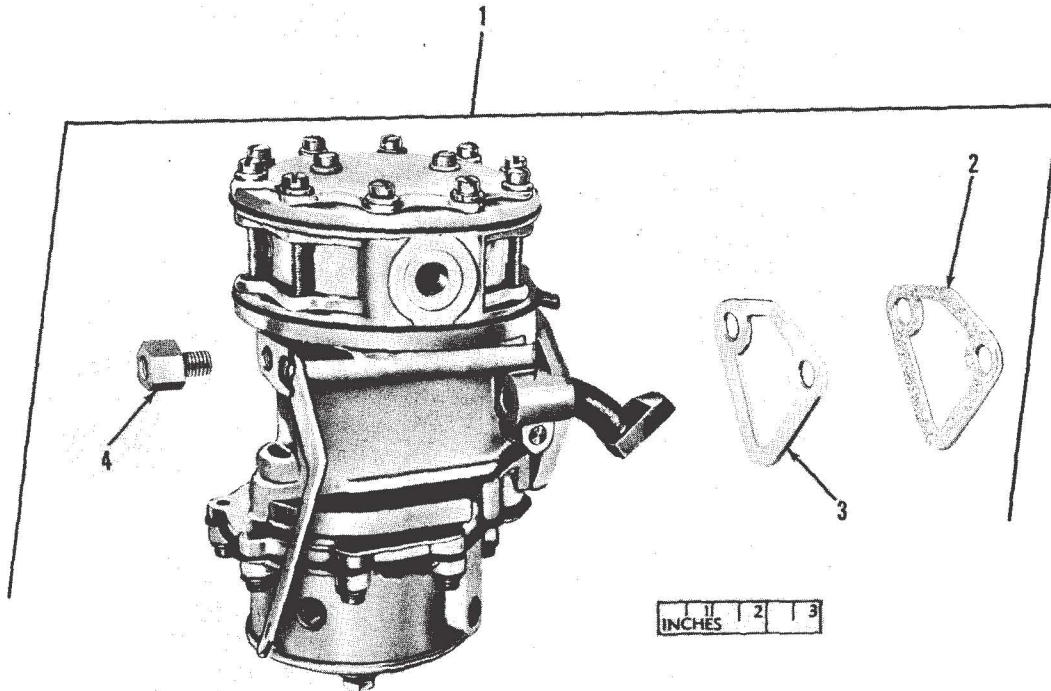
(1) ILLUST		(2) SOURCE, MAINT AND RECOVERABILITY CODE				(3) FEDERAL STOCK NO	(4) DESCRIPTION	(5) UNIT OF ISSUE	(6) QTY INC IN UNIT	(7) 15-DAY MAINT ALW PER 100 EQUIP	
(a) FIG NO	(b) ITEM NO	(a) MATERIEL CODE	(b) SOURCE	(c) MAINTENANCE LEVEL	(d) RECOVERABILITY				(a) CO OR BTRY	(b) CO SEP BN OR REGT	
							03 - FUEL SYSTEM				
							<u>0301 - CARBURETOR ASSEMBLY (Fig. 16)</u>				
16	1		P	O		2910-294-2141	CARBURETOR: assy (8329774) -----	ea	1		
			C	O		5310-285-2181	NUT, PLAIN, HEXAGON: carburetor (8332520) -----	ea	1		
			P	O		5310-543-5653	NUT, PLAIN, HEXAGON: S, cd- or zn-pltd, 3/8-24UNC-- 2B, 9/16 in. w, 21/64 in. thk (120369)	ea	1		
			P	O		5307-010-3196	STUD, PLAIN: low-carb-S, cd- or zn-pltd, 3/8-16NC 9/16 x 3/8-24NF-2, 5/8 x 1- 9/16 (103196)	ea	2		
16	2		P	O		2910-291-6964	GASKET: mounting (☆☆kit, 2910-040-2579) (8329823) -----	ea	1		



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Figure 16. Carburetor assembly

(1) ILLUST		(2) SOURCE, MAINT AND RECOVERABILITY CODE				(3) FEDERAL STOCK NO	(4) DESCRIPTION	(5) UNIT OF ISSUE	(6) QTY INC IN UNIT	(7) 15-DAY MAINT ALW PER 100 EQUIP	
(a) FIG NO	(b) ITEM NO	(a) MATERIEL CODE	(b) SOURCE	(c) MAINTENANCE LEVEL	(d) RECOVERABILITY				(a) CO OR BTRY	(b) CO SEP BN SEP OR RECT	
							03 - FUEL SYSTEM - Continued				
							0302 - FUEL PUMP (Fig. 17)				
17	1		P	O	R	2910-547-7769	PUMP, FUEL, ENGINE: w/gasket, assy (8720569) -----	ea	1		
			C	O		5305-227-1815	BOLT: pump (8332521) -----	ea	1		
			C	O		5306-737-5385	BOLT, MACHINE: pump (7375385) -----	ea	1		
			P	O		5310-012-0214	WASHER, LOCK: split, med, S, cd- or zn-pltd, 5/16 screw size (120214)	ea	2		
			C	O		5310-741-6478	WASHER: rectangular, fuel pump to cylinder block (7416478)	ea	2		
17	2		C	O		2910-576-4259	GASKET: mounting (☆☆gasket set, 2805-025-6979 and kit, 2910-218-1276) (5261672)	ea	2		
17	3		C	O		2910-040-2537	SPACER: fuel pump to cylinder block (8329708) -----	ea	1		
17	4		P	O		4730-040-2536	ADAPTER: breather valve (8329701) -----	ea	1		



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Figure 17. Fuel pump assembly

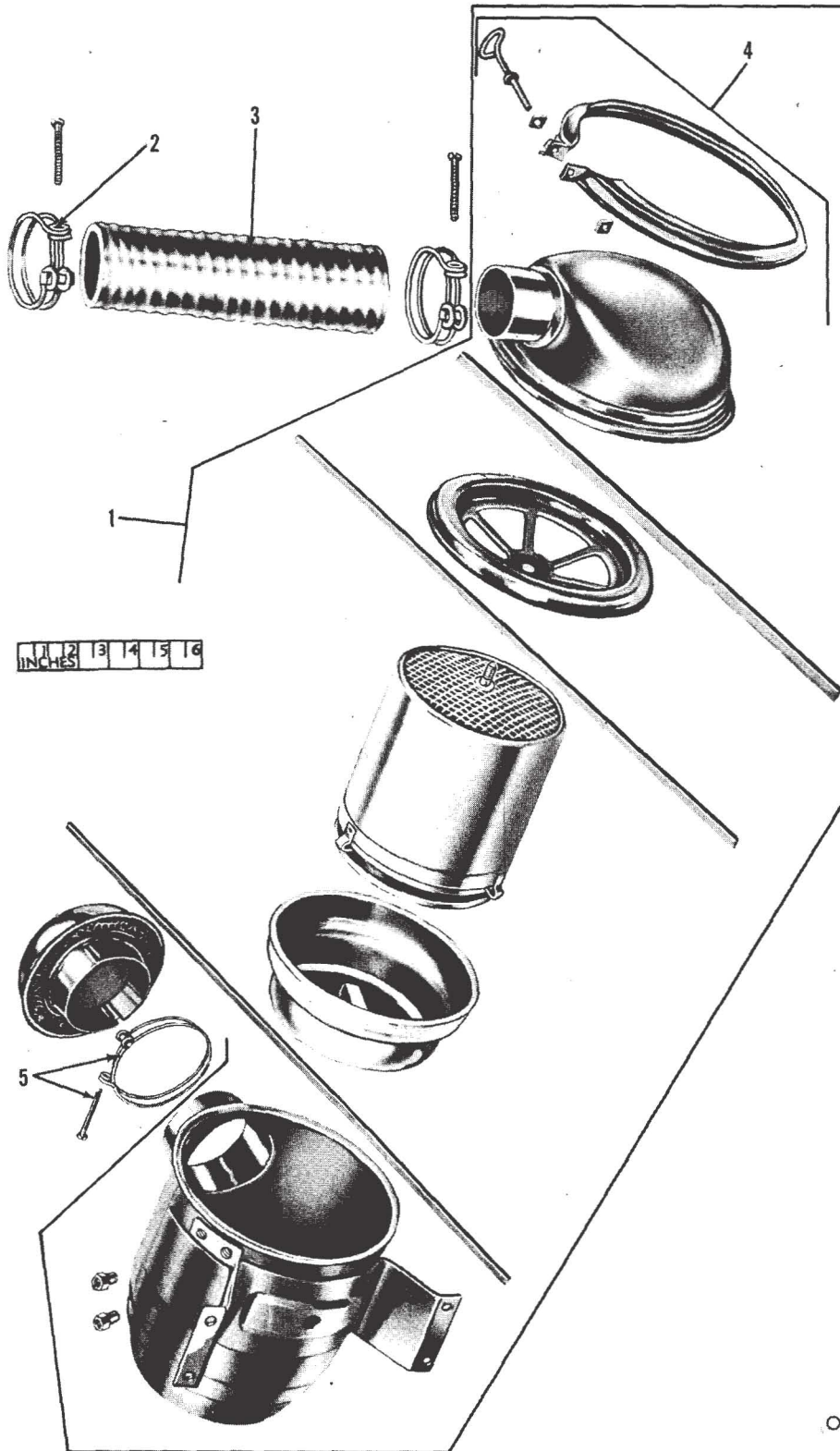


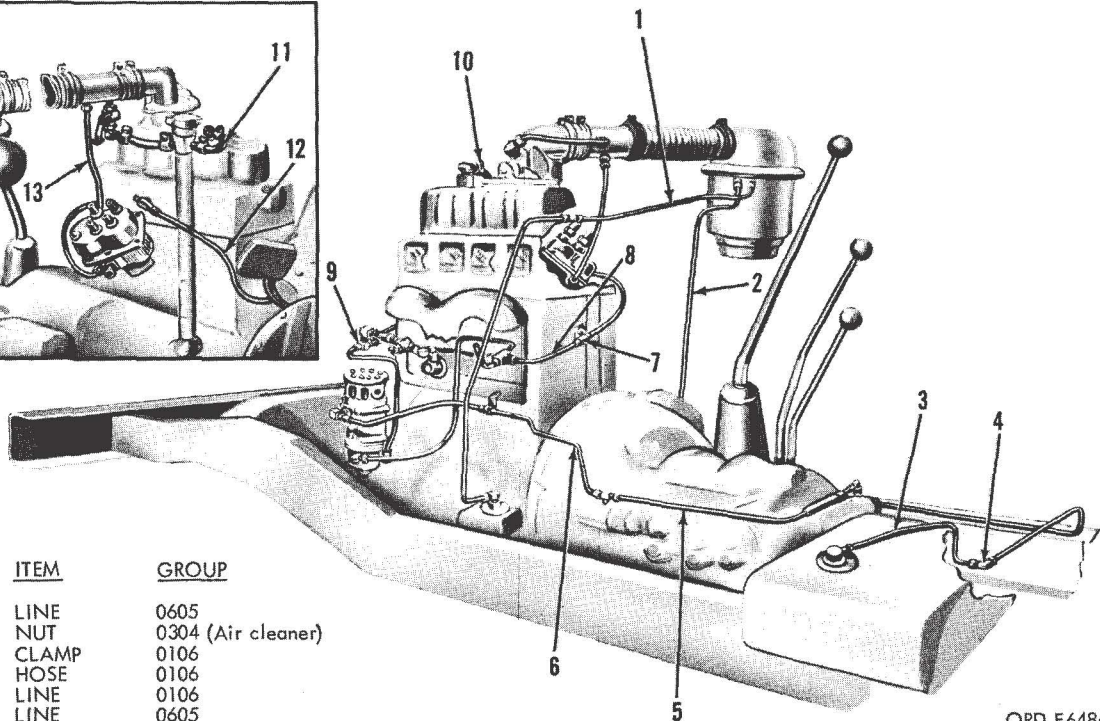
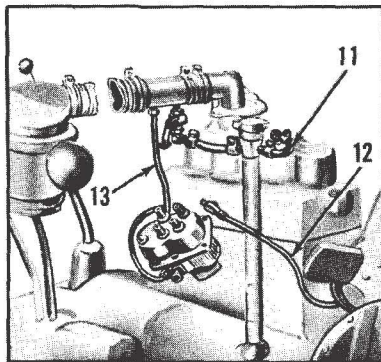
Figure 18. Air cleaner and related parts - exploded view

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(1) ILLUST		(2) SOURCE, MAINT AND RECOVERABILITY CODE				(3) FEDERAL STOCK NO	(4) DESCRIPTION	(5) UNIT OF ISSUE	(6) QTY INC IN UNIT	(7) 15-DAY MAINT ALW PER 100 EQUIP	
(a) FIG NO	(b) ITEM NO	(a) TECHNICAL SERVICE NO	(b) SOURCE	(c) MAINTENANCE LEVEL	(d) RECOVERABILITY				(a) CO OR BTRY	(b) CO SEP BN OR REGT	
03 - FUEL SYSTEM - Continued											
<u>0304 - AIR CLEANER AND RELATED PARTS (Fig. 18)</u>											
18	1			C O R		2940-307-8855 5306-283-0405	AIR CLEANER, INTAKE: assy (8329642) ----- BOLT, ASSEMBLED WASHER: hex-hd, split lockwasher, header-pt, S, cd- or zn-pltd, 5/16-18UNC-2A x 5/8 (9409097)	ea	1		
18	2			P O		4730-278-2064	CLAMP, HOSE: S, cd- or zn-pltd, 2-1/4 in. (air cleaner to air intake pipe hose) (502922)	ea	2		
18	3			C O		4720-318-1039	HOSE: flexible (air cleaner to air intake) (65909-806186) ----	ea	1		
18	4			P O		2910-040-2599	CLAMP: assy (8330124) -----	ea	1		
18	5			P O		4730-278-2061	CLAMP, HOSE: adj, band-type, S, cd- or zn-pltd, 2-7/8 to 3-1/8 id (precleaner) (502925)	ea	1		
19	9			P O		4730-014-2427	INVERTED NUT, TUBE COUPLING: inverted flare, br. 5/16 od tu, 0.620 overall lg (fuel pump vacuum section vent line) (142427)	ea	2		
10	1			P O		4730-278-2088	CLAMP, HOSE: adj, band-type, corr-res-S, pass-fin. 2-5/8 in. to 2-7/8 in. id (carburetor to air cleaner pipe hose) (502495)	ea	2		
10	2			C O		4720-595-4387	HOSE: carburetor to air cleaner pipe (8329646)-----	ea	1		
10	3			P O		4710-350-9886	LINE: carburetor ventilator, assy (8677523) Fabricated from: NUT, TUBE COUPLING: inverted flare type, 45 deg seat, br, 3/8-24UNF-2A, 9/16 in. overall lg, 3/16 in. od tu (carburetor vent line) (142431) TUBE, COPPER: 3/16 od, 0.035 wall thk (9-1/16 lg) (44-T-5080-10)	ea	1		
10	4			C O		2805-040-2619	PIPE: air cleaner to carburetor air intake, w/bracket and clip, assy (8677521)	ea	1		
10	5			P O		2910-741-0836	VALVE: control, assy (used on vehicle through serial no. 23359) (7410836)	ea	1		
10	6			C O		5315-737-2554	SWIVEL: crankcase vent valve control wire (7372554) -----	ea	1		
<u>NON-ILLUSTRATED ITEM</u>											
				P O		4710-202-8396	TUBE, COPPER: 5/16 od, 0.035 wall thk (40-1/2 lg) (44-T-5080-20)	ft	≠		

(1) ILLUST		(2) SOURCE, MAINT AND RECOVERABILITY CODE				(3) FEDERAL STOCK NO	(4) DESCRIPTION	(5) UNIT OF ISSUE	(6) QTY INC IN UNIT	(7) 15-DAY MAINT ALW PER 100 EQUIP				
(a) FIG NO	(b) ITEM NO	(a) MATERIEL CODE	(b) SOURCE	(c) MAINTENANCE LEVEL	(d) RECOVERABILITY				(a) CO OR P RY	(b) CO BN OR RECT				
							03 - FUEL SYSTEM - Continued							
							<u>0304 - FUEL VENTILATING SYSTEM (Fig. 19)</u>							
19	1		P	O			LINE ASSEMBLY: master cylinder to air cleaner (810504)	ea	1					
			P	O		4730-014-2431	Fabricated from: INVERTED NUT, TUBE COUPLING: inverted flare, br, 3/8-24UNF-2A, 3/16 od tu, 0.560 overall lg (142431)	ea	2					
						4720-350-9896	TUBE, STEEL: cold-drawn, cop-ctd, dble-wrapped, br, rd, 3/16 od, 0.028 wall thk (80244-44-T-5319-55)	ft	≠					
19	2		P	O			LINE ASSEMBLY: air cleaner to elbow vent tube at dash 22-1/2 in. (M38A1) (810505)	ea	1					
			P	O		4730-014-2432	Fabricated from: INVERTED NUT, TUBE COUPLING: inverted flare, br, 7/16-24NS, 1/4 od tu, 0.560 overall lg (142432)	ea	2					
			P	O		4720-350-9896	TUBE, STEEL: cold-drawn, dble-wrapped, cop, br, 3/16 od, 0.028 wall thk (80244-44-T-5319-76)	ft	≠					
19	2		P	O			LINE ASSEMBLY: air cleaner to elbow vent tube at dash (M170) (811441)	ea	1					
			P	O		4730-014-2432	Fabricated from: INVERTED NUT, TUBE COUPLING: inverted flare, br, 7/16-24NS, 1/4 od tu, 0.560 overall lg (142432)	ea	2					
			P	O		4720-350-9896	TUBE, STEEL: cold-drawn, dble-wrapped, cop, br, 3/16 od, 0.028 wall thk (80244-44-T-5319-76)	ft	≠					
19	3		P	O			LINE ASSEMBLY: fuel tank to elbow (M38A1) (808926)	ea	2					
			P	O		4730-014-2431	Fabricated from: INVERTED NUT, TUBE COUPLING: inverted flare, br, 3/8-24 UNF-2A, 3/16 od tu, 0.560 overall lg (142431)	ea	4					
			P	O		4720-350-9896	TUBING, COPPER: seamless, soft anld, size 3/16 od, 0.035 thk of wall, 30-3/4 lg (80244-44-T-5080-10)	ft	≠					
19	3		P	O			LINE ASSEMBLY: fuel tank to elbow (M170) (811403)	ea	2					
			P	O		4730-014-2431	Fabricated from: INVERTED NUT, TUBE COUPLING: inverted flare, br, 3/8-24 UNF-2A, 3/16 od tu, 0.560 overall lg (142431)	ea	4					
			P	O		4720-350-9896	TUBING, COPPER: seamless, soft anld, size 3/16 od, 0.035 thk of wall, 30-3/4 lg (80244-44-T-5080-10)	ft	≠					
19	4		P	O			ELBOW, flared tube, inverted, stght, 90 deg, br, 3/16 in. (fuel tank line and air cleaner line) (325200)	ea	1					
19	5		P	O			LINE ASSEMBLY: bell housing tee to transfer case elbow line (23-1/8 in. lg) (807495)	ea	1					
			P	O		4730-014-2431	Fabricated from: INVERTED NUT, TUBE COUPLING: inverted flare, br, 3/8-24UNF-2A, 3/16 od tu, 0.560 overall lg (142431)	ea	3					
			P	O		4720-350-9896	TUBING, COPPER: seamless, soft anld, size 3/16 od, 0.035 thk of wall (80244-44-T-5080-10)	ft	≠					
19	6		P	O			LINE ASSEMBLY: fuel pump vacuum section to bell housing tee vent line 27-1/2 in. (807700)	ea	1					
			P	O		4730-014-4307	Fabricated from: NUT, TUBE COUPLING: flared type, short, br, 45 deg seat, 3/8-24UNF-2B, 5/8 overall lg, 3/16 od tu (144307)	ea	1					
			P	O		4720-350-9896	TUBE, STEEL: cold-drawn, cop-ctd, dble-wrapped, br, rd, 3/16 od, 0.028 wall thk (80244-44-T-5310-55)	ft	≠					

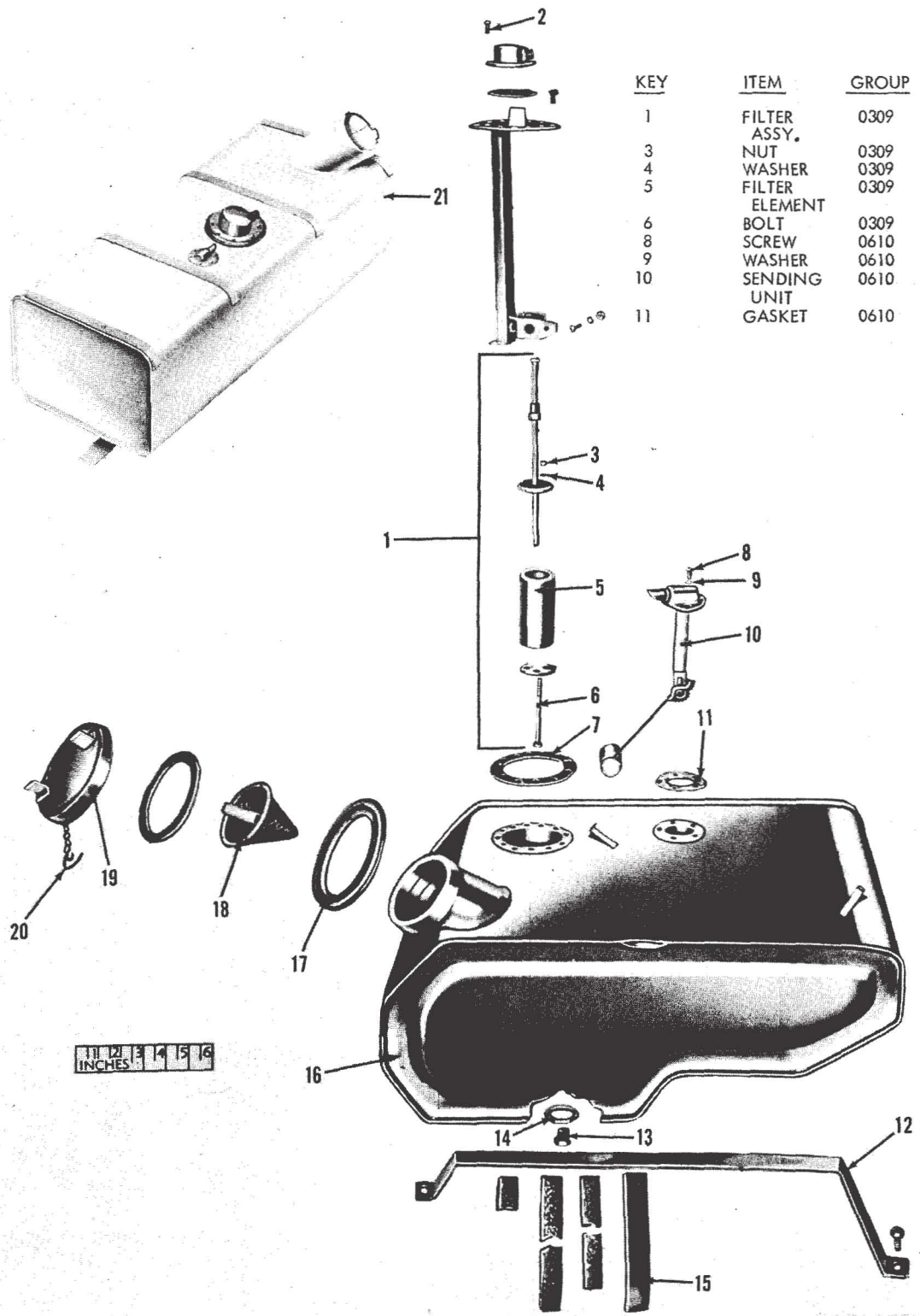
(1) ILLUST		(2) SOURCE, MAINT AND RECOVERABILITY CODE				(3) FEDERAL STOCK NO	(4) DESCRIPTION	(5) UNIT OF ISSUE	(6) QTY INC IN UNIT	(7) 15-DAY MAINT ALW PER 100 EQUIP	
(a) FIG NO	(b) ITEM NO	(a) MATERIEL CODE	(b) SOURCE	(c) MAINTENANCE LEVEL	(d) RECOVERABILITY				(a) CO OR F IN Y	(b) CO SEP BN OR REGT	
							03 - FUEL SYSTEM - <i>Continued</i>				
							<u>0304 - FUEL VENTILATING SYSTEM - (Fig. 19) - Continued</u>				
19	7	C	O			5340-704-7998	CLIP: fuel tank elbow to vent tube dash (1) (use on vehicles through serial no. 23359) tee to union vent tube to dash (1) and master cylinder vent tube to dash (1) (use on vehicles after serial no. 23359 through 29295) (7047998)	ea	4		
10	11	C	O			4730-492-5042	NIPPLE: ventilation valve to hose (7047970) -----	ea	1		
							<u>NON-ILLUSTRATED ITEMS</u>				
		C	O			2540-040-2514	CONTROL: dual, ventilation, assy (8329636) -----	ea	1		
		P	O			5310-703-2607	NUT: ventilation control (7032607) -----	ea	1		
		P	O			5975-335-2588	CONDUIT ELECTRICAL: flexible non-metallic loom, size 1/4 in, 100 ft coil (air cleaner to elbow vent tube at dash 8 in, bell housing tee to transfer case elbow line 6 in, and fuel tank to elbow vent tube at tank 25-1/2 in.) (80244-17-C-18035-50)	ft	≠		



KEY	ITEM	GROUP
8	LINE	0605
9	NUT	0304 (Air cleaner)
10	CLAMP	0106
11	HOSE	0106
12	LINE	0106
13	LINE	0605

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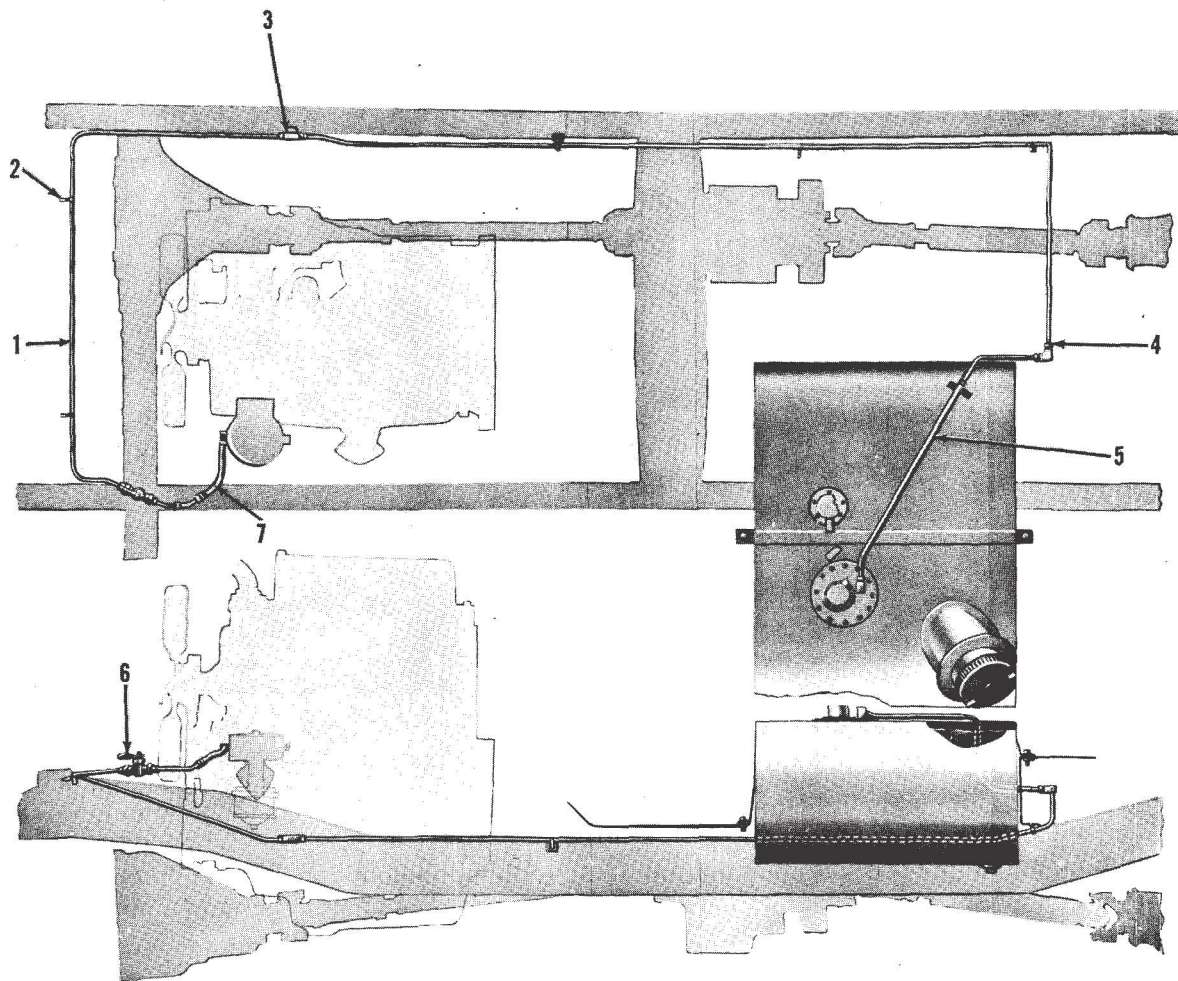
Figure 19. Fuel ventilating system



ORD E64863

Figure 20. Fuel tank and related parts - exploded view

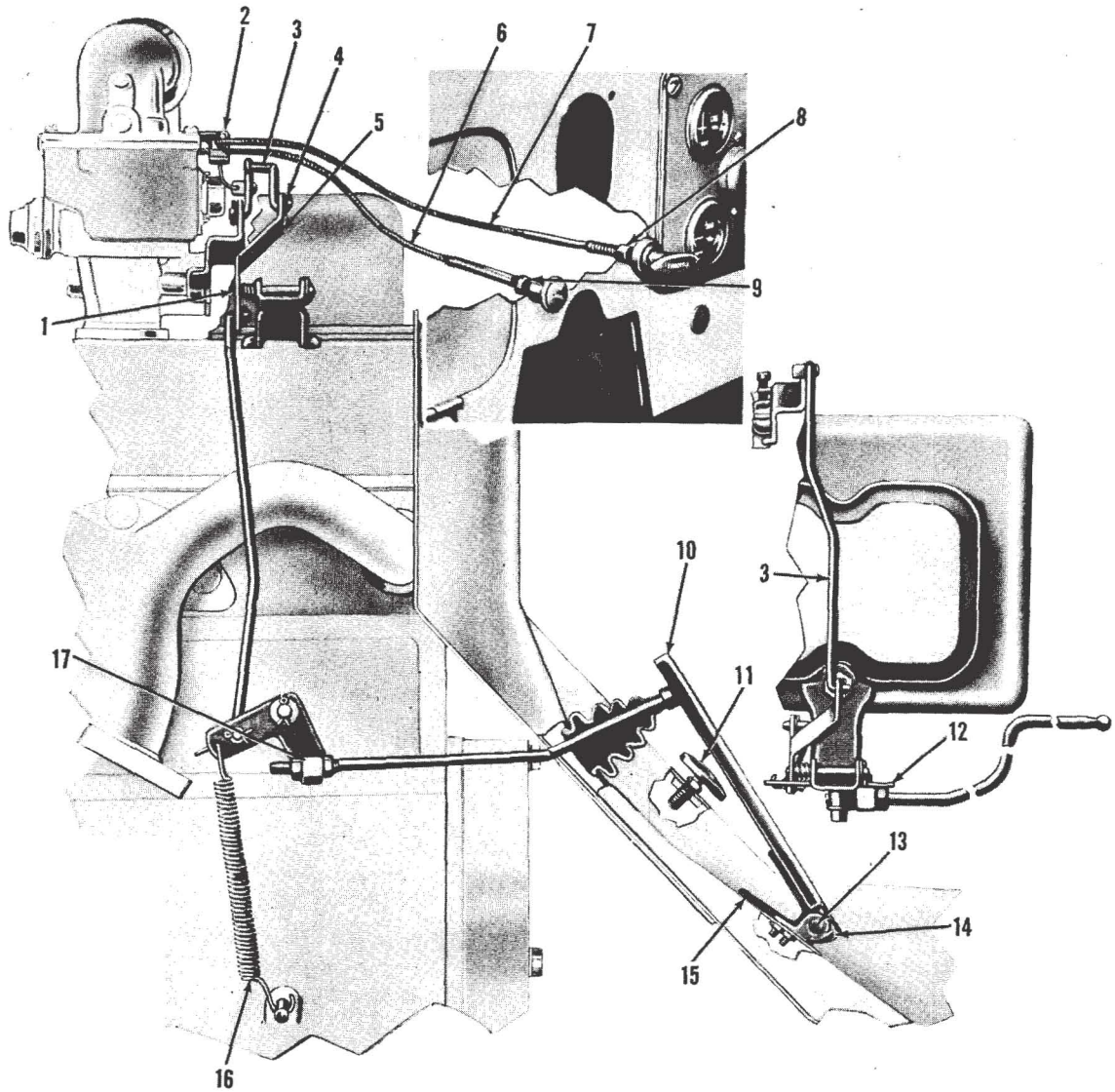
(1) ILLUST		(2) SOURCE, MAINT AND RECOVERABILITY CODE				(3) FEDERAL STOCK NO	(4) DESCRIPTION	(5) UNIT OF ISSUE	(6) QTY INC IN UNIT	(7) 15-DAY MAINT ALW PER 100 EQUIP	
(a) FIG NO	(b) ITEM NO	(a) MATERIEL CODE	(b) SOURCE	(c) MAINTENANCE LEVEL	(d) RECOVERABILITY				(a) CO OR BTRY	(b) CO SEP BN OR REGT	
							03 - FUEL SYSTEM - Continued				
							<u>0306 - FUEL TANK AND RELATED PART (Fig. 20)</u>				
20	2	P	O			5305-015-9592	SCREW, MACHINE: cross-recess-pan-hd, S, cd- or zn-pltd, no. 8 0.164-32NC-2A x 1/2 (159592)	ea	5		
20	7	C	O			2910-735-1315	GASKET: cover plate neoprene (7351315) -----	ea	1		
20	12	C	O			2910-040-2575	STRAP: hold-down (8329782) -----	ea	1		
20	13	P	O			4730-278-3389	PLUG, PIPE: sq-hd, mi, glvd, 1/4 in. (drain) (81366-45-6075-700-003)	ea	1		
20	14	C	O			5330-285-5115	SEAL: drain plug (8330946) -----	ea	1		
20	15	P	O			27W1-120-0	WEBBING: anti-squeak, cotton, impregnated, w, 2 in. thk 1/16 in. (tank strap) (1 ft) (ft) (24-W-11200)	ft	≠		
20	16	P	O			2910-040-2506	TANK: fuel, assy (M38A1 and M38A1C) (8329621)	ea	1		
20	17	P	O			5325-737-5036	GROMMET, RUBBER: filler pipe (7375036) -----	ea	1		
20	18	C	O			4730-202-6063	STRAINER: filler (8329781) -----	ea	1		
20	19	C	O			2910-141-9758	CAP, FUEL TANK: filler, pressure or vent type, w/chain, assy (8333722)	ea	1		
20	20	P	O			5340-505-6233	CLIP, RETAINING: safety, S, cd- or zn-pltd, 3/4 in. overall lg (fuel tank cap) (7975294)	ea	2		
20	21	C	O	R		2910-696-0368	TANK: fuel, assy (M170) (8333277) -----	ea	1		



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Figure 21. Fuel lines and fittings

(1) ILLUST		(2) SOURCE, MAINT AND RECOVERABILITY CODE				(3) FEDERAL STOCK NO	(4) DESCRIPTION	(5) UNIT OF ISSUE	(6) QTY INC IN UNIT	(7) 15-DAY MAINT ALW PER 100 EQUIP	
(a) FIG NO	(b) ITEM NO	(a) MATERIEL CODE	(b) SOURCE	(c) MAINTENANCE LEVEL	(d) RECOVERABILITY				(a) CO OR BTRY	(b) SEP CO SEP BIN OR REG	
<u>03 - FUEL SYSTEM - Continued</u>											
<u>0306 - FUEL LINES AND FITTINGS (Fig. 21)</u>											
21	1	P	O				LINE ASSEMBLY: tee to shut-off valve, assy (M38A1, M38A1C, and M170) (7966472)	ea	1		
						4730-014-2427	Fabricated from: INVERTED NUT, TUBE COUPLING: inverted flare, br, 5/16 od tu, 0.620 overall lg (142427)	ea	2		
						4710-202-8396	TUBE, COPPER: 5/16 od, 0.035 in. wall thk (2 ft) (80244-44-T-5080-20)	ft	≠		
21	2	P	O			5340-321-6439	CLIP: first splash apron (1), right splash apron (1), front cross member (2), front floor brace (1) and front floor riser (1) (8329783)	ea	6		
21	3	P	O			4730-278-5277	TEE: flared tube, inverted, br, 5/16 in. tu, 1/8 in. (female pipe side) (128275)	ea	1		
21	4	P	O			4730-014-2427	INVERTED NUT, TUBE COUPLING: inverted flare, br, 5/16 od tu, 0.620 overall lg (elbow to tee line) (M38A1 and M38A1C) (142427)	ea	2		
21	5	P	O			2910-535-7614	LINE ASSEMBLY: fuel tank to elbow (M38A1, M38A1C) (7966471)	ea	2		
						4730-014-2427	Fabricated from: INVERTED NUT, TUBE COUPLING: inverted flare, br, 5/16 od tu, 0.620 overall lg (use on vehicles after serial no. 22336) (142427)	ea	2		
						4710-350-9897	TUBE, STEEL: cold-drawn, dble wrapped, cop, brazed, 5/16 od, .028 wall thk (use on vehicles after serial no. 22336) (80244-44-T-5319-65)	ft	≠		
21	5	P	O				LINE ASSEMBLY: fuel tank to elbow assy (M170) (7966482)	ea	1		
						4730-014-2427	Fabricated from: INVERTED NUT, TUBE COUPLING: inverted flare, br, 5/16 od tu, 0.620 overall lg (use on vehicles after serial no. 22336) (142427)	ea	2		
						4710-350-9897	TUBE, STEEL: cold-drawn, dble wrapped, cop, brazed, 5/16 od, .028 wall thk (use on vehicles after serial no. 22336) (80244-44-T-5319-65)	ft	≠		
21	6	P	O			4730-288-7039	VALVE, PLUG: fuel line shut-off (7346871) -----	ea	1		
21	7	C	O			2910-696-0364	LINE: flex (fuel line to fuel pump) (8331934) -----				
						6Z19-322-51	CLIP: closed, S, cd- or zn-pltd, 5/16 od tu hole for 5/16 in. bolt (fuel line at water pump) (6Z1932-251)	ea	1		
						4730-014-2427	INVERTED NUT, TUBE COUPLING: inverted flare, 5/16 od tu, 0.620 overall lg (142427)	ea	2		
<u>NON-ILLUSTRATED ITEMS</u>											
						5975-132-9471	TUBE, FLEXIBLE, NON-METALLIC, ELECTRICAL; loom, size 5/16 in. (fueling 3 ft) (ft) (80244-17-C-18035-60)	ft	≠		
						4730-278-3135	FITTING: flared tube, inverted, stght, 90 deg, br, 5/16 in w/o nuts	ea	1		
<u>0309 - FUEL FILTER AND RELATED PARTS (Fig. 20)</u>											
20	1	C	O			2910-314-0770	FILTER: fuel, assy in tank (65909-806626)-----	ea	1		
20	3	P	O			5310-012-0361	NUT, PLAIN, HEXAGON: S, cd- or zn-pltd, no. 10 0.190-24NC-2B, 3/8 w, 1/8 thk (120361)	ea	1		
20	4	P	O			5310-596-7686	WASHER, LOCK: split, med, S, cd- or zn-pltd, no. 10 0.190 screw screw size (96906-35338-43)	ea	1		
20	5	C	O			2910-735-1316	FILTER ELEMENT, FLUID, PRESSURE: fuel filter in tank (55168-R32-63)	ea	1		
20	6	P	O			5306-696-5307	BOLT, MACHINE: rd-hd, S, cd- or zn-pltd, no. 10 0.190-24NC-2A x 4 (455268)	ea	1		
						5340-282-7532	CLAMP: closed 5/16 od tube 3/8 bolt (Non-illustrated)	ea	1		



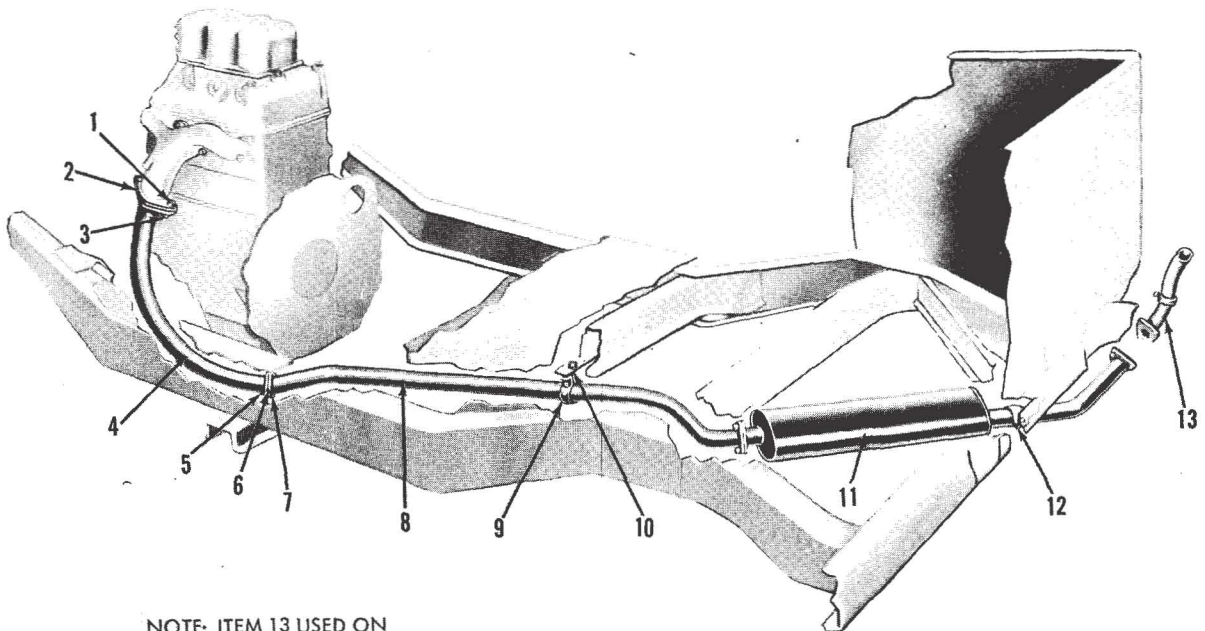
ORD E64865

Figure 22. Throttle and choke control

(1) ILLUST		(2) SOURCE, MAINT AND RECOVERABILITY CODE				(3) FEDERAL STOCK NO	(4) DESCRIPTION	(5) UNIT OF ISSUE	(6) QTY INC IN UNIT	(7) 15-DAY MAINT ALW PER 100 EQUIP	
(a) FIG NO	(b) ITEM NO	(a) MATERIEL CODE	(b) SOURCE	(c) MAINTENANCE LEVEL	(d) RECOVERABILITY				(a) CO OR F...Y	(b) SEP CO SEP BN SEP REGT	
03 - FUEL SYSTEM - Continued											
<u>0312 - THROTTLE AND CHOKE CONTROL (Fig. 22)</u>											
22	1		C	O		2910-200-5417	SPRING, HELICAL, COMPRESSION; accelerator bellcrank upper bracket (8329770)	ea	1		
22	2		C	O		2540-737-1194	STOP: hand throttle control wire, w/screw, assy (7371194)	ea	1		
22	3		C	O		2540-040-2563	ROD: throttle (accelerator bellcrank to carburetor) (8329763)	ea	1		
22	4		P	O		5310-050-2243	WASHER, FLAT: plain, S, cd- or zn-pltd, 7/32 id, 3/8 od, 0.035 thk (accelerator) (502243)	ea	2		
22	5		C	O		2540-040-2569	BELLCRANK: accelerator, w/shaft, upper (8329769) -----	ea	1		
22	6		C	O		2910-322-7206	CONTROL: choke, assy (8329760) -----	ea	1		
22	7		C	O		2540-318-1052	CONTROL: throttle, assy (8329761) -----	ea	1		
22	8		P	O		5310-696-5177	NUT, ASSEMBLED WASHER: hex, ext-teeth lockwasher, S, cd- or zn-pltd, 3/8-24NF-2B, 9/16 w, 27/64 thk (271193)	ea	1		
22	9		P	O		5310-696-5177	NUT, ASSEMBLED WASHER: hex, ext-teeth lockwasher, S, cd- or zn-pltd, 3/8-24NF-2B, 9/16 w, 27/64 thk (271193)	ea	1		
22	10		C	O		2540-287-8231	PEDAL: accelerator (w/hinge and link, assy) (8329762) -----	ea	1		
22	11		C	O		2540-737-5392	REST: foot (accelerator) (7375392) -----	ea	1		
22	12		C	O		2540-040-2567	BRACKET: bellcrank (w/lever and spring, assy) (8329767)	ea	1		
22	13		P	O		5315-059-0928	PIN, STRAIGHT, HEADED: dld-f/c-pin, cham, cold-fin-S, cd- or zn-pltd, 1/4 dia shank, 1-7/8 lgh under hd to c/1 of hole (590928)	ea	1		
22	14		C	O		5340-737-5114	HINGE: accelerator pedal (7375114) -----	ea	1		
22	15		C	O		5340-737-1454	SPRING: accelerator pedal hinge (7371454) -----	ea	1		
22	16		C	O		2540-040-2564	SPRING, HELICAL, EXTENSION: return (accelerator pedal) (65909-806950)	ea	1		
22	17		C	O		2540-040-2562	BLOCK: adjusting (throttle rod) (8329759) -----	ea	1		
<u>NON-ILLUSTRATED ITEM</u>											
			P	O		5325-737-5129	GROMMET, RUBBER: split (choke control cable and throttle control cable dash) (7375129)	ea	2		

(1) ILLUST		(2) SOURCE, MAINT AND RECOVERABILITY CODE				(3) FEDERAL STOCK NO	(4) DESCRIPTION	(5) UNIT OF ISSUE	(6) QTY INC IN UNIT	(7) 15-DAY MAINT ALW PER 100 EQUIP	
(a) FIG NO	(b) ITEM NO	(a) MATERIEL CODE	(b) SOURCE	(c) MAINTENANCE LEVEL	(d) RECOVERABILITY				(a) CO OR BTRY	(b) CO OR BN OR RECT	
							04 - EXHAUST SYSTEM				
							<u>0401 - EXHAUST PIPES, MUFFLER AND RELATED PARTS</u> (Fig. 23)				
23	1	P	O			5305-576-6987	SCREW, CAP, HEXAGON HEAD: med-carb-S, cd- or zn-pltd, 3/8-24UNF-2A x 1-1/2 (120677)	ea	1		
23	2	C	O			5330-360-7970	GASKET: exhaust pipe flange manifold end (7371390) -----	ea	1		
23	3	P	O			5310-050-3113	NUT, PLAIN, HEXAGON: S, seize-proof-ctd-thd (503113) ---	ea	2		
23	4	C	O			2990-737-5077	PIPE: exhaust (7375077) -----	ea	1		
		P	O			5307-010-3196	STUD, PLAIN: low-carb-S, plain fin (103196) -----				
23	5	P	O			5310-050-3112	NUT, PLAIN, HEXAGON: S, seize-proof-ctd-thd, 5/16- 24UNF-2B, 1/2 w, 21/64 thk (503112)	ea	4		
23	6	C	O			2990-492-5480	GASKET: exhaust pipe to extension and extension to muffler flange (7048736)	ea	2		
23	7	P	O			5306-012-1661	SCREW, CAP, HEXAGON HEAD: low-carb-S, cd- or zn-pltd, 5/16-24UNF-2A x 1 (121661)	ea	4		
23	8	P	O			2990-040-2553	PIPE: exhaust extension, w/bracket, assy (M38A1 and M38A1C) (8329739)	ea	1		
23	8	P	O			2990-696-0369	PIPE: exhaust, extension, w/bracket, assy (M170) (8333278)	ea	1		
23	9	P	O			5340-737-1047	BRACKET: support, exhaust pipe extension (7371047) -----	ea	1		

(1) ILLUST		(2) SOURCE, MAINT AND RECOVERABILITY CODE				(3) FEDERAL STOCK NO	(4) DESCRIPTION	(5) UNIT OF ISSUE	(6) QTY INC IN UNIT	(7) 15-DAY MAINT ALW PER 100 EQUIP	
(a) FIG NO	(b) ITEM NO	(a) TECHNICAL SERVICE NO	(b) SOURCE	(c) MAINTENANCE LEVEL	(d) RECOVERABILITY					(a) CO OR BTRY	(b) CO SEP BN OR REGT
							04 - EXHAUST SYSTEM - Continued				
							<u>0401 - EXHAUST PIPES, MUFFLER AND RELATED PARTS</u> (Fig. 23) - Continued				
23	10		C	O		2520-040-1885	SPACER: support bracket to frame (65909-666619)-----	ea	1		
23	11		C	O		2990-737-5076	MUFFLER: exhaust, w/bracket, assy (7375076)-----	ea	1		
			P	O		5310-050-3112	NUT, PLAIN, HEXAGON: S, seize-proof-ctd-thd, 5/16-24UNF-2B, 1/2 w, 21/64 thk (503112)		3		
			P	O		5306-012-1661	SCREW, CAP, HEXAGON HEAD: low-carb-S, cd- or zn-pltd, 5/16-24UNF-2A x 1 (121661)	ea	1		
23	12		C	O		2990-737-5075	BRACKET: muffler support clamp (7375075)-----	ea	1		
23	13		P	O		2990-696-0370	EXTENSION: tail pipe (M170) (8333279)-----	ea	1		

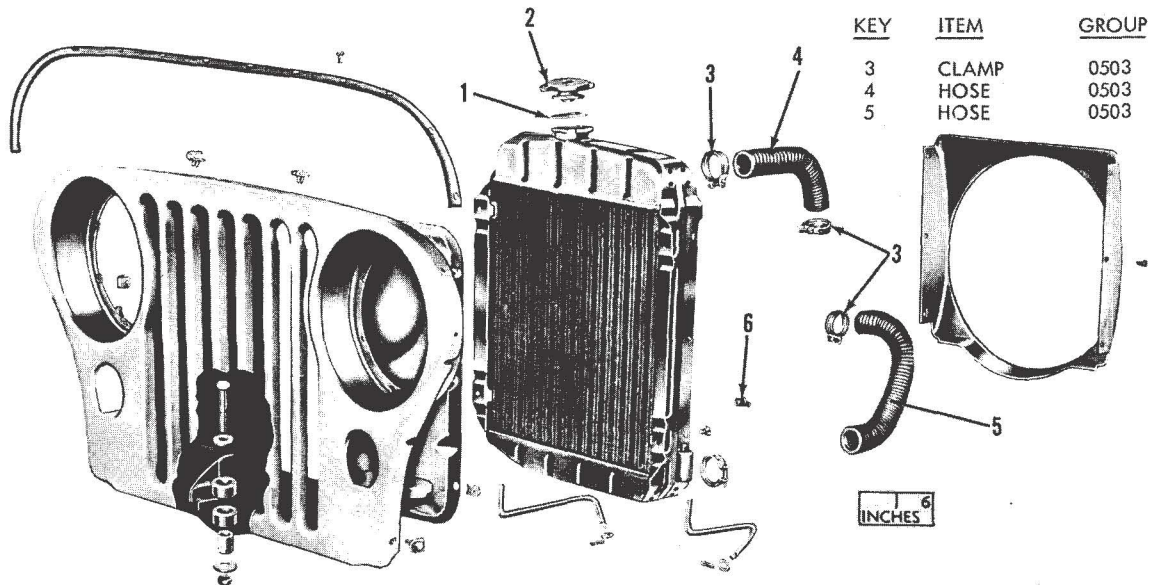


NOTE: ITEM 13 USED ON
M170 VEHICLES ONLY.

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Figure 23. Exhaust pipes, mufflers and related parts

(1) ILLUST		(2) SOURCE, MAINT AND RECOVERABILITY CODE				(3) FEDERAL STOCK NO	(4) DESCRIPTION	(5) UNIT OF ISSUE	(6) QTY INC IN UNIT	(7) 15-DAY MAINT ALW PER 100 EQUIP	
(a) FIG NO	(b) ITEM NO	(a) MATERIAL CODE	(b) SOURCE	(c) MAINTENANCE LEVEL	(d) RECOVERABILITY					(a) CO OR BTRY	(b) SEP BN SEP OR REGT
05 - COOLING SYSTEM											
0501 - RADIATOR AND RELATED PARTS (Fig. 24))											
24	1	C	O			2930-629-0949	GASKET: filler cap fiber (5262210) -----	ea	1		
24	2	C	O			2930-737-5030	CAP: filler pressure type (7375030) -----	ea	1		
24	6	P	O			4820-276-9040	COCK: radiator drain (103647) -----	ea	1		
<u>NON-ILLUSTRATED ITEMS</u>											
		P	O			6850-243-1992	ANTI-FREEZE: ethylene glycol, inhibited (cooling capacity 11-1/2 qts) (50 per cent ratio volume required for 40 deg B. F.) (initial requirements 5-3/4 qts per vehicle)	cn	≠		
		P	O			6850-224-8730	ANTI-FREEZE: ethylene glycol, inhibited (50-gal. can) (cooling capacity 11-1/2 qts.) (50 per cent ratio by volume required for 40 deg B. F.) (initial requirements 5-3/4 qts, per vehicle) (80244-51C01555000)		≠		
		P	O			6850-243-1990	ANTI-FREEZE: ethylene glycol, inhibited (55-gal. drum) (cooling capacity 11-1/2 qts) (50 per cent ratio by volume required for 40 deg B. F.) (initial requirements 5-3/4 qts per vehicle) (80244-51C01554035)	dr	≠		
		P	O			6850-174-1806	ANTI-FREEZE: arctic type (55-gal drum) (cooling capacity 11-1/2 qts) (initial requirements 11-1/2 qts, per vehicle) (80244-51C01553755)	dr	≠		
		P	O			6850-690-5561	CLEANING COMPOUND, ENGINE COOLING SYSTEM:				
		P	O			6850-664-7123	INHIBITOR: rust (5-oz can) (cooling capacity 11-1/2 qts) (80244-51C01588775)	cn	≠		
		P	O			5310-012-0370	NUT, PLAIN, HEXAGON: S, cd- or zn-pltd, 7/16-20UNF-2B, 5/8 w, 3/8 thk (120370)	ea	2		
		P	O			5310-044-6485	WASHER, FLAT: S, cd- or zn-chromate-fin., 1/2 id, 1-5/8 od, 0.083 thk (446485)	ea	2		



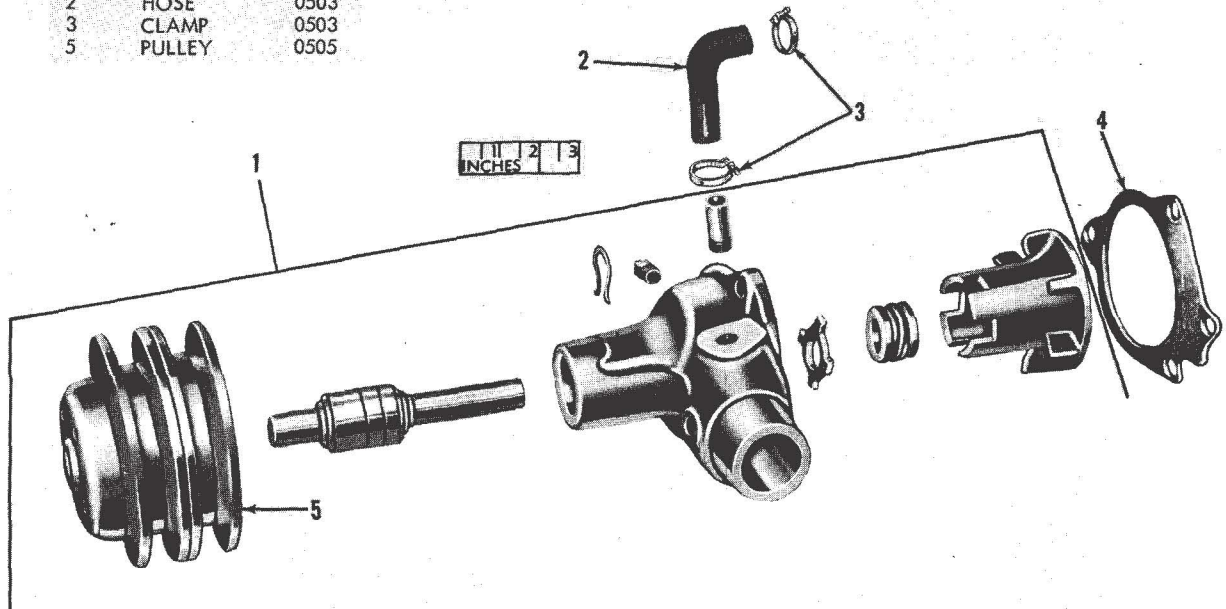
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Figure 24. Radiator and related parts - exploded view

(1) ILLUST		(2) SOURCE, MAINT AND RECOVERABILITY CODE				(3) FEDERAL STOCK NO	(4) DESCRIPTION	(5) UNIT OF ISSUE	(6) QTY INC IN UNIT	(7) 15-DAY MAINT ALW PER 100 EQUIP	
(a) FIG NO	(b) ITEM NO	(a) MATERIEL CODE	(b) SOURCE	(c) MAINTENANCE LEVEL	(d) RECOVERABILITY				(a) CO OR BTRY	(b) CO SEP BN SEP OR RECT	
							05 - COOLING SYSTEM				
							<u>0503 - RADIATOR HOSES AND RELATED PARTS (Fig. 24)</u>				
24	3	P	O			4730-278-2066	CLAMP, HOSE: S, cd- or zn-pltd, 1-1/2 in. (radiator inlet and outlet hose) (502917)	ea	4		
24	4	C	O			4720-278-5058	HOSE, PREFORMED: radiator inlet moulded (8328457)-----	ea	1		
24	5	C	O			2930-278-5042	HOSE, PREFORMED: radiator outlet, w/reinforcement, assy (moulded) (8328458)	ea	1		
25	2	C	O			4720-769-7588	HOSE: ru 17/32 id, 4-1/4 in. (water by-pass, pump to cylinder head) (7697588)	ea	1		
25	3	P	O			4730-278-2493	CLAMP, HOSE: S, cd- or zn-pltd, 1 in. (water pump by-pass hose) (502913)	ea	2		
8	2	C	O			2930-699-9021	GASKET: thermostat housing (☆☆gasket set, 2805-025-6979 and gasket set, 2805-040-2458) (8328456)	ea	1		
8	3	P	O			6620-530-7509	THERMOSTAT: water temperature (5307509)-----	ea	1		

(1) ILLUST		(2) SOURCE, MAINT AND RECOVERABILITY CODE				(3) FEDERAL STOCK NO	(4) DESCRIPTION	(5) UNIT OF ISSUE	(6) QTY INC IN UNIT	(7) 15-DAY MAINT ALW PER 100 EQUIP	
(a) FIG NO	(b) ITEM NO	(a) MATERIEL CODE	(b) SOURCE	(c) MAINTENANCE LEVEL	(d) RECOVERABILITY				(a) CO OR F. S.V.	(b) CO SEP BN OR RECT	
							05 - COOLING SYSTEM - Continued 0504 - WATER PUMP ASSEMBLY (Fig. 25)				
25	1		C O R			2930-737-2806	PUMP: water, w/pulley, assy (7372806) -----	ea	1		
			P O			5306-286-1504	BOLT, ASSEMBLED WASHER: hex-hd, split lock washer header-pt, S, cd- or zn-pltd, 5/16-18UNC-2A x 7/8 (9409098)	ea	3		
			P O			5306-286-1472	BOLT, ASSEMBLED WASHER: hex-hd, split lock washer, S, cd- or zn-pltd, 5/16-18NC-2 x 2-1/2 (455145)	ea	1		
25	4		C O			2930-354-3772	GASKET: mounting (☆☆ gasket set, 2805-025-6979 and kit, 2930-769-7590) (7411250)	ea	1		

KEY	ITEM	GROUP
2	HOSE	0503
3	CLAMP	0503
5	PULLEY	0505



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Figure 25. Water pump assembly

(1) ILLUST		(2) SOURCE, MAINT AND RECOVERABILITY CODE				(3) FEDERAL STOCK NO	(4) DESCRIPTION	(5) UNIT OF ISSUE	(6) QTY INC IN UNIT	(7) 15-DAY MAINT ALW PER 100 EQUIP	
(a) FIG NO	(b) ITEM NO	(a) MATERIEL CODE	(b) SOURCE	(c) MAINTENANCE LEVEL	(d) RECOVERABILITY				(a) CO OR BTRY	(b) CO SEP BN OR RECT	
							05 - COOLING SYSTEM - Continued				
							0505 - FAN ASSEMBLY (Fig. 27)				
27	4		P	O		2930-737-5021	BLADE: fan (7375021) -----	ea	1		
27	5		P	O		5306-283-0408	BOLT, ASSEMBLED WASHER: hex-hd, split lockwasher, S, cd- or zn-pltd, 1/4-20UNC-2A x 5/8 (9409107)	ea	4		
27	14		P	O		2930-141-8342	PULLEY, GROOVE: fan and water pump use w/alternator (2920-321-6364) (8699725)	ea	1		
27	15		P	O		3030-505-5893	BELT, V: multiple, 2 matched belts, rubberized fabric, w/fabric cords, extreme low temp, 45-5/8 outside circ, 7/16 in, top w, 38 deg angle (fan generator and water pump drive matched pair) (590897)	ea	1		
27	15		P	O		3030-517-0827	BELT SET: 3 belts, alternator drive (8699837) -----	ea	1		
25	5		C	O		2930-737-2816	PULLEY: fan and water pump twin groove (7372816) -----	ea	1		

(1) ILLUST		(2) SOURCE, MAINT AND RECOVERABILITY CODE				(3) FEDERAL STOCK NO	(4) DESCRIPTION	(5) UNIT OF ISSUE	(6) QTY INC IN UNIT	(7) 15-DAY MAINT ALW PER 100 EQUIP	
(a) FIG NO	(b) ITEM NO	(a) MATERIAL CODE	(b) SOURCE	(c) MAINTENANCE LEVEL	(d) RECOVERABILITY					(a) CO OR BTRY	(b) SEP CO SEP BN SEP OR RECT
06 - ELECTRICAL SYSTEM											
0601 - GENERATOR ASSEMBLY (Fig. 26)											
26	1	P	O			5315-255-0614	PIN, COTTER: S, cd- or zn-pltd, 3/32 x 1 (121224) -----	ea	1		
26	2	P	O			5310-655-9497	NUT, SLOTTED, HEXAGON: S, cd- or zn-pltd, 1/2-20UNF-2B, 3/4 9/16 thk (125043)	ea	1		
26	3	P	O			5310-584-5272	WASHER, LOCK: split, med, S, cd- or zn-pltd, 1/2 screw size (96906-35338-29)	ea	1		
26	4	P	O			2920-737-5071	PULLEY: drive (Auto-lite and Delco-Remy) (7375071)-----	ea	1		
26	5	P	O	R		2920-737-4750	GENERATOR, ENGINE ACCESSORY: w/o pulley, assy (Auto-lite) (optional w/generator, 2920-735-5736) (7374750)	ea	1		
26	5	P	O	R		2920-735-5736	GENERATOR, ENGINE ACCESSORY: w/o pulley, assy (Delco-Remy) (optional w/generator, 6115-737-4750) (7355736)	ea	1		
NON-ILLUSTRATED ITEMS											
		P	O			5306-737-5174	BOLT, SHOULDER: mounting hex-hd, S, 7/16-20NF-3 x 2-1/4 (Auto-lite and Delco-Remy) (7375174)	ea	2		
		P	O			2920-737-5388	BRACE: tension, belt (Auto-lite and Delco-Remy) (7375388) ---	ea	1		
		C	O			5306-360-8319	BOLT, SHOULDER: pivot, belt tension adjusting brace (Auto-lite and Delco-Remy) (7371188)	ea	1		
		C	O			5325-737-5175	INSULATOR: mounting support rubber (Auto-lite) (7375175)----	ea	2		
		P	O			5310-050-3357	NUT, SELF-LOCKING, HEXAGON: S, cd- or zn-pltd, 7/16-20UNF-3B, 5/8 w, 29/64 thk (critical installation mounting) (Auto-lite and Delco-Remy) (503357)	ea	2		
		P	O			5310-197-3316	WASHER, FLAT: lt, S, cd- or zn-chromate-fin. 17/32 id, 1-1/16 od, 0,095 thk, for 1/2 screw size (Delco-Remy) (96909-15795-218)	ea	1		

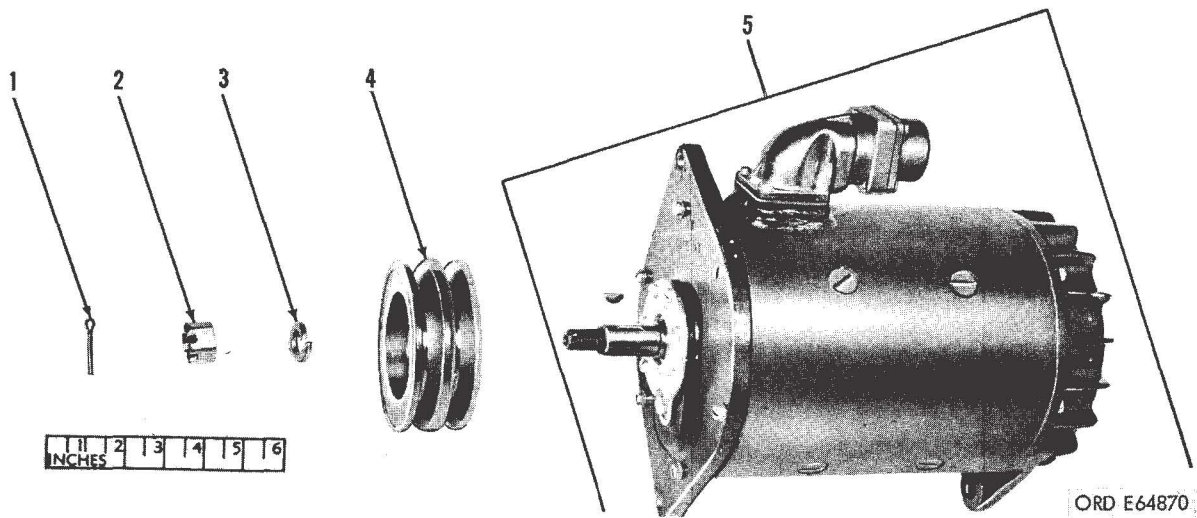
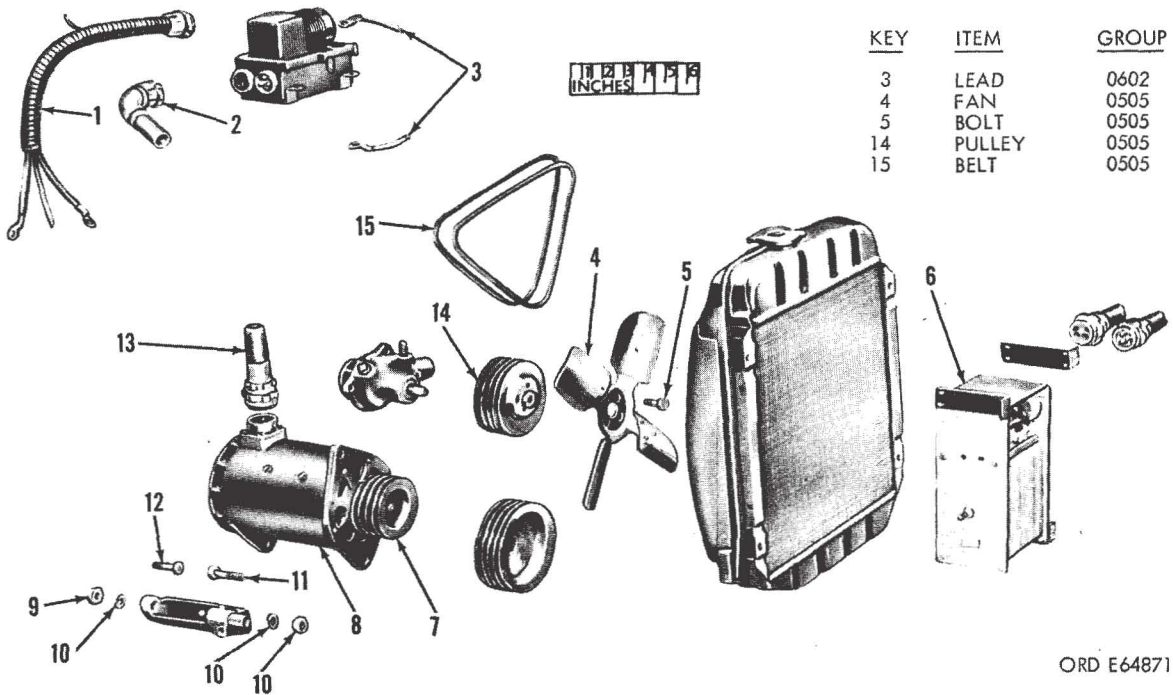


Figure 26. Generator assembly and related parts

(1) ILLUST		(2) SOURCE, MAINT AND RECOVERABILITY CODE				(3) FEDERAL STOCK NO	(4) DESCRIPTION	(5) UNIT OF ISSUE	(6) QTY INC IN UNIT	(7) 15-DAY MAINT ALW PER 100 EQUIP	
(a) FIG NO	(b) ITEM NO	(a) MATERIEL CODE	(b) SOURCE	(c) MAINTENANCE LEVEL	(d) RECOVERABILITY					(a) CO OR BTRY	(b) CO BN OR REGT
06 - ELECTRICAL SYSTEM											
<u>0601 - GENERATOR (ALTERNATOR), REGULATOR, AND CABLES (Fig. 27)</u>											
27	1		P	O		2590-318-8210	CABLE: regulator to battery, assy (8699724) -----	ea	1		
27	2		P	O		2590-318-8200	CABLE: rectifier to regulator, assy (8699711)-----	ea	1		
27	6		P	O	R	6130-314-0545	RECTIFIER, METALLIC: alternator, w/receptacles, assy (7954343)	ea	1		
			P	O		5310-050-3275	NUT, SELF-LOCKING, HEXAGON: S, cd- or zn-pltd, 3/8-16UNC-3B, 11/16 w, 35/64 thk (503275)	ea	2		
27	7		P	O		2920-562-0411	PULLEY, GROOVE: drive, assy (8699715)-----	ea	1		
27	8		P	O	R	2920-818-8635	GENERATOR, ENGINE ACCESSORY: alternator ----- (7954720)	ea	1		
27	9		P	O		5310-297-3250	NUT, PLAIN, HEXAGON: S, cd- or zn-pltd, 7/16-20UNF- 2B, 11/16 w, 3/8 thk (271506)	ea	2		
27	10		P	O		5310-012-1621	WASHER, LOCK: split, lt, S, cd- or zn-pltd, 7/16 screw size (121621)	ea	2		
27	11		P	O		5305-285-5156	SCREW, CAP, HEXAGON HEAD: med-carb-S, cd- or zn-pltd, 7/16-20UNF-2A x 3-1/2 (181680)	ea	1		
27	12		P	O		5305-018-1670	SCREW, CAP, HEXAGON HEAD: med-carb-S, cd- or zn-pltd, 7/16-20UNF-2A x 1-1/2 (181670)	ea	1		
27	13		P	O		2590-318-8209	CABLE: alternator to rectifier, assy (8699723)-----	ea	1		



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Figure 27. Generator (alternator) regulator and cables - exploded view

(1) ILLUST		(2) SOURCE, MAINT AND RECOVERABILITY CODE				(3) FEDERAL STOCK NO	(4) DESCRIPTION	(5) UNIT OF ISSUE	(6) QTY INC IN UNIT	(7) 15-DAY MAINT ALW PER 100 EQUIP		
(a) FIG NO	(b) ITEM NO	(a) MATERIEL CODE	(b) SOURCE	(c) MAINTENANCE LEVEL	(d) RECOVERABILITY					(a) CO OR BTRY	(b) CO SEP BN OR RECT	
06 - ELECTRICAL SYSTEM - Continued												
0602 - GENERATOR REGULATOR (Fig. 28)												
28	1		P	O		2920-953-9784	REGULATOR, ENGINE GENERATOR: 24 volt, amp (use w/generator 2920-737-4750) (19728-VBC-4003UT)	ea	1			
28	1		P	O	R	2920-800-7993	REGULATOR, ENGINE GENERATOR: alternator, assy (10947439)	ea	1			
28	1		P	O	R	2920-335-4677	REGULATOR, ENGINE GENERATOR: assy optional w/regulator (8689216) Delco-Remy (8360020)	ea	1			
28	2		P	O		5310-018-7979	BOLT, INTEGRAL LOCKWASHER: hex-hd, S, cd- or zn-pltd, 1/4-20NC-2 x 3/4 (187979)	ea	4			
27	3					2920-504-0676	LEAD, ELECTRICAL: regulator to ground (alternator) (35510-36924)					
							Fabricate from:					
			P	O		5940-050-6210	TERMINAL, LUG: cable, solderless, type A, insulation ear, tnd cop, no. 16-14 awg cable, hole for 5/16 stud (506210)	ea	1			
			P	O		5940-020-0036	TERMINAL, LUG: wire, solder, eyelet, dble-grip, br, tnd, no. 16-14 awg wire, hole for 1/4 screw type B 3/16 wire opng (3Z12073-117)	ea	1			
			P	O		6145-705-6679	WIRE, ELECTRICAL: low tension, hv-duty, syn-ru jacket, braided, ins plastic, natural or syn-ru, sgle-cond tnd-cop, stranded, awg no. 14 0.235 od 5-1/4 in. (ft) (80244-15-C-2165-175)	ft	#			
			P	O		5940-050-6210	TERMINAL, LUG: wire, solderless, rd-end tongue, ins grip tnd cop, no. 16 - 14 awg wire, hole for 5/16 screw (alternator) (506210)	ea	1			
			P	O		5940-020-0036	TERMINAL, LUG: wire, eyelet, dble-grip, br, tnd, no. 16 - 14 awg wire, hole for 1/4 screw type B 3/16 wire opng (ground cable) (alternator) (3Z12073-117)	ea	1			
			P	O		6145-705-6679	WIRE, ELECTRICAL: low tension, hv-duty, syn-ru jacket, braided, ins plastic, natural or syn-ru, sgle-cond tnd cop, stranded, no. 14 awg 0.235 od, 5-1/4 in. (regulator to ground) (alternator) 5-1/4 in. (ft) (80244-15-C-2165-175)	ft	#			

(1) ILLUST		(2) SOURCE, MAINT AND RECOVERABILITY CODE				(3) FEDERAL STOCK NO	(4) DESCRIPTION	(5) UNIT OF ISSUE	(6) QTY INC IN UNIT	(7) 15-DAY MAINT ALW PER 100 EQUIP	
(a) FIG NO	(b) ITEM NO	(a) MATERIEL CODE	(b) SOURCE	(c) MAINTENANCE LEVEL	(d) RECOVERABILITY				(a) CO OR BTRY	(b) CO SEP BN OR REGT	
							06 - ELECTRICAL SYSTEM - Continued 0602 - GENERATOR REGULATOR (Fig. 28) - Continued <u>NON-ILLUSTRATED ITEMS</u>				
			P	O		5306-019-2417	BOLT, ASSEMBLED WASHER: hex-hd, ext-teeth lockwasher, S, cd- or zn-pltd, 5/16-24UNF-2A x 3/4 (192417)	ea	4		
			P	O		5306-044-2696	BOLT, ASSEMBLED WASHER: hex-hd, split lockwasher S, cd- or zn-pltd, 1/4-28UNF-2A x 3/4 (442696)	ea	4		
			P	F		6Z19-322-83	CLAMP: mounting, current and voltage regulator resistor (used w/regulator 2920-335-4677) (Delco-Remy) (6Z1932-283)	ea	2		
			P	O		5310-012-0368	NUT, PLAIN, HEXAGON: S, cd- or zn-pltd, 5/16-24UNF-2B, 1/2 w, 17/64 thk (120368)	ea	4		

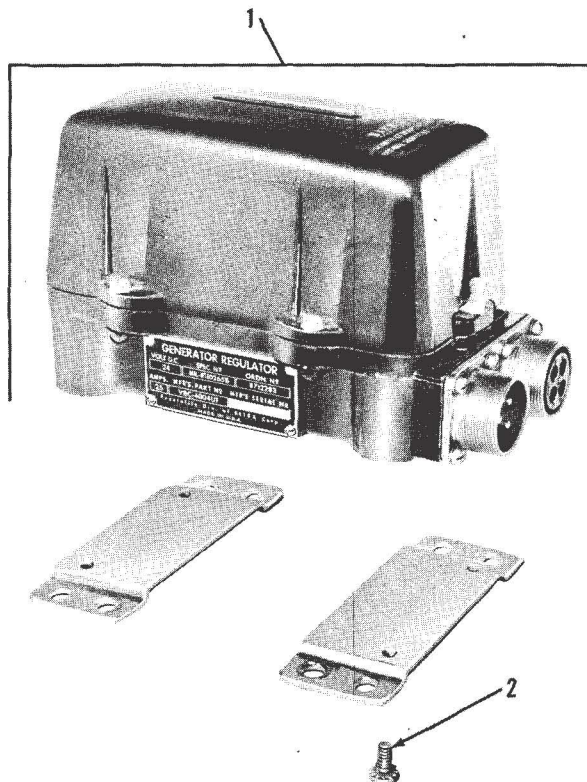
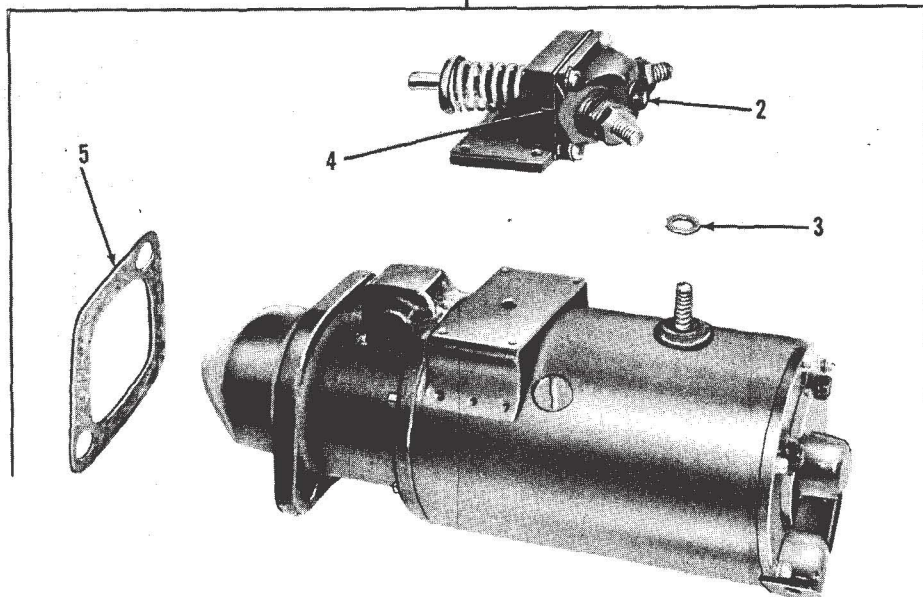


Figure 28. Generator regulator assembly

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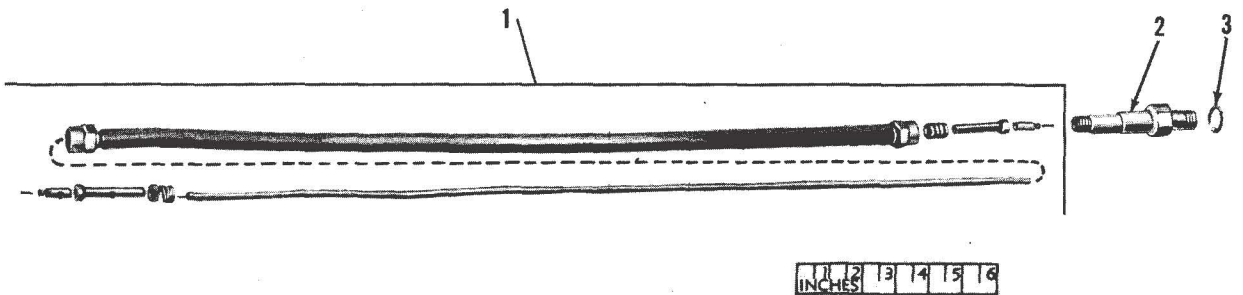
(1) ILLUST		(2) SOURCE, MAINT AND RECOVERABILITY CODE				(3) FEDERAL STOCK NO	(4) DESCRIPTION	(5) UNIT OF ISSUE	(6) QTY INC IN UNIT	(7) 15-DAY MAINT ALW PER 100 EQUIP	
(a) FIG NO	(b) ITEM NO	(a) MATERIAL CODE	(b) SOURCE	(c) MAINTENANCE LEVEL	(d) RECOVERABILITY					(a) CO OR BTRY	(b) CO SEP BN SEP OR RECT
06 - ELECTRICAL SYSTEM - Continued											
<u>0603 - STARTER MOTOR AND STARTER SWITCH (Fig. 29)</u>											
29	1		P O R			2920-025-9988	STARTER, ENGINE, ELECTRICAL: assy (Auto-lite) (8328132)	ea	1		
			P O			5310-275-2049	NUT, SELF-LOCKING, HEXAGON: S, cd- or zn-pltd, 1/2-20UNV-3B, 3/4 w, 19/32 thk (critical installation) (96906-20345-820C)	ea	1		
			P O			5305-012-4378	SCREW, CAP, HEXAGON HEAD: low-carb-S, cd- or zn-pltd, 1/2-20UNF-2A x 3-1/2 (124378)	ea	1		
			P O			4730-011-8831	PLUG, PIPE: sltd, hdls, br, 1/8 in. (switch housing) (Auto-lite) (118831)	ea	1		
29	2		P O			2920-322-9613	SWITCH ASSEMBLY, STARTER, ENGINE: Auto-lite (8328134)	ea	1		
29	3		P O			5310-044-6548	WASHER, FLAT: S, cd- or zn-pltd, 3/8 in. id, 3/4 in. od, 0,065 in. thk (switch terminal post) (Auto-lite) (446548)	ea	1		
29	4		C O			5330-631-3485	GASKET: switch cover (Auto-lite) (8328062) -----	ea	1		
29	5		P O			2920-567-3231	GASKET: mounting (Auto-lite) (8328141) -----	ea	1		



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Figure 29. Starter motor and starter switch

(1) ILLUST		(2) SOURCE, MAINT AND RECOVERABILITY CODE				(3) FEDERAL STOCK NO	(4) DESCRIPTION	(5) UNIT OF ISSUE	(6) QTY INC IN UNIT	(7) 15-DAY MAINT ALW PER 100 EQUIP	
(a) FIG NO	(b) ITEM NO	(a) MATERIEL CODE	(b) SOURCE	(c) MAINTENANCE LEVEL	(d) RECOVERABILITY				(a) CO OR BTRY	(b) SEP BN SEP OR REGT	
							06 - ELECTRICAL SYSTEM - Continued				
							<u>0605 - SPARK PLUG AND SPARK PLUG CABLE ASSEMBLY</u> (Fig. 30)				
30	1		P	O		2920-620-3962	CABLE ASSEMBLY, POWER ELECTRICAL: spark plug (8741869)	ea	4		
30	2		P	O		2920-835-7724	SPARK PLUG: shielded, 14 mm, res suppressor 13/16 in. hex, 3/8 in. reach (8357724)	ea	4		
30	2		P	O		2920-726-9545	SPARK PLUG: shielded, 14 mm res suppressor 13/16 in. hex, 3/8 in. reach for excessive idling slow speed, light load operation (96906-35909-3)	ea	4		
30	3		P	O		5330-359-4859	GASKET: annular, cop, oval sec, 14 mm nom dia id spark plug (150189)	ea	4		

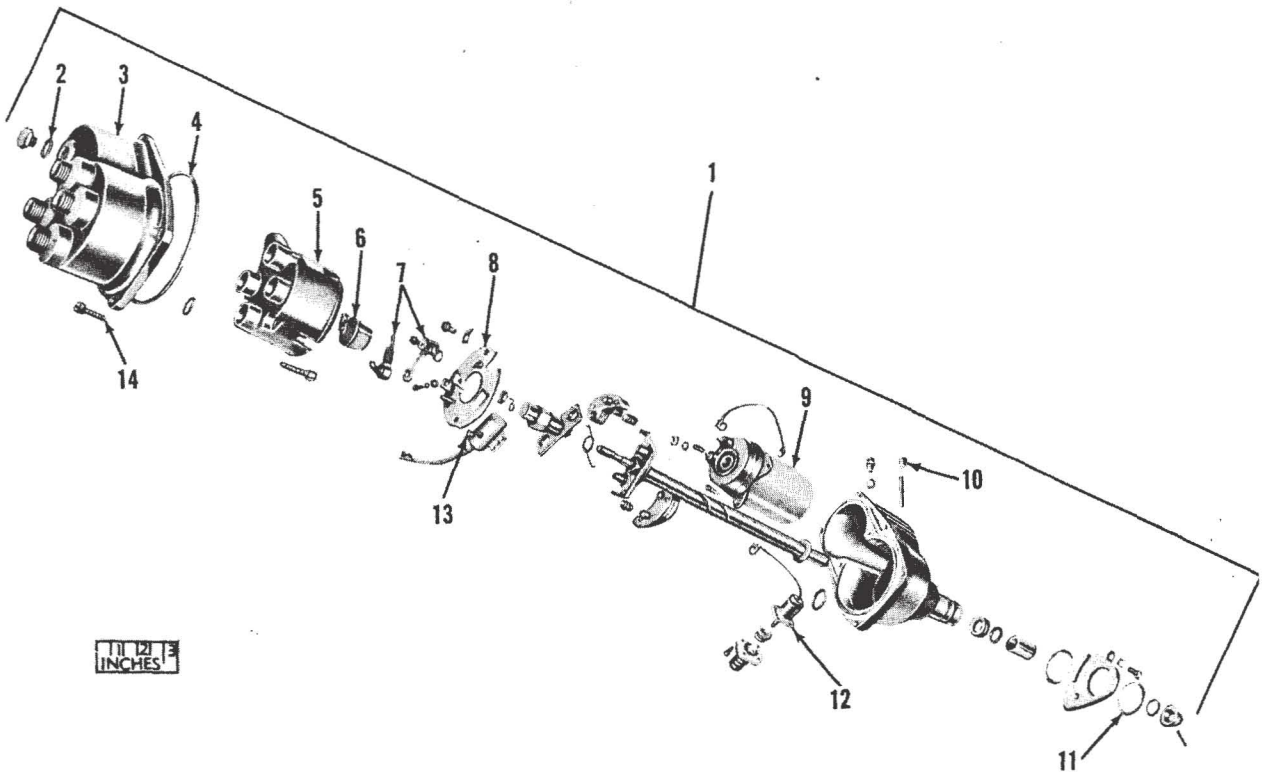


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Figure 30. Spark plug and spark plug cable assembly

(1) ILLUST		(2) SOURCE, MAINT AND RECOVERABILITY CODE				(3) FEDERAL STOCK NO	(4) DESCRIPTION	(5) UNIT OF ISSUE	(6) QTY INC IN UNIT	(7) 15-DAY MAINT ALW PER 100 EQUIP	
(a) FIG NO	(b) ITEM NO	(a) MATERIAL CODE	(b) SOURCE	(c) MAINTENANCE LEVEL	(d) RECOVERABILITY				(a) CO OR BTRY	(b) CO SEP BN OR REG	
							06 - ELECTRICAL SYSTEM - Continued				
							<u>0605 - DISTRIBUTOR ASSEMBLY (Fig. 31)</u>				
31	1		P	O	R	2920-294-3742	DISTRIBUTOR: w/coil, assy (Auto-lite) (7358569)-----	ea	1		
31	2		P	O		5330-050-1223	PACKING, PREFORMED: O-ring, class B, material high flexibility, 3/32 thk, 9/16 w, cover plug (501223)	ea	1		
31	3		P	O		2920-353-7216	COVER: cap, assy (Auto-lite) (7378569)-----	ea	1		
31	4		P	O		5330-054-6880	PACKING, PREFORMED: O-ring, class B, material high flexibility, 1/8 thk, 4-1/4 id (cap cover) (546880)	ea	1		
31	5		P	O		2920-353-7206	CAP, IGNITION DISTRIBUTOR: assy (Auto-lite) ----- (7375377)	ea	1		
31	6		P	O		2920-640-7230	ROTOR, IGNITION DISTRIBUTOR: assy (Auto-lite) ----- (7348578)	ea	1		
31	7		P	O		2920-606-9377	PARTS KIT, DISTRIBUTOR; IGNITION; (5702525) Composed of: 1 CAPACITOR (19728-IAT30760S) 1 CLIP (19723-IG676) 1 CONTACT SET (19728-IGP3028FS)	ea	≠		
31	8		P	O		2920-143-5304	CLIP: breaker lever spring (Auto-lite) (☆☆ parts kits, 2920-606-9377 and 2920-606-9378) (19728-IG676)	ea	1		
31	9		P	O	R	2920-324-0371	COIL, IGNITION: Auto-lite (8328027)-----	ea	1		
31	10		P	O		4730-011-8831	PLUG, PIPE: std, hdls, br, 1/8 in. (base wick retainer) (118831)	ea	1		
31	11		P	O		2920-737-5110	GASKET: mounting arm (Auto-lite) (7375110)-----	ea	1		
31	12		P	O		5910-328-8838	CAPACITOR: primary filter (8329784)-----	ea	1		
31	13		P	O		5305-042-0447	SCREW, ASSEMBLED WASHER: rd-hd, int-teeth lock-washer, S, cd- or zn-pltd, no. 6 0, 138-32NC-2A x 3/16 (contact points capacitor) (420447)	ea	1		
31	14		P	O		5305-297-3273	SCREW, ASSEMBLED WASHER: S, cd- or zn-pltd, no. 10 0, 190-32NF x 11/16 (cover) (594224)	ea	6		
19	8		P	O		2920-698-3722	LINE: distributor to vacuum line tee, assy (8673357) Fabricated from:	ea	1		
			P	O		4730-014-2431	INVERTED NUT, TUBE COUPLING: inverted flare, br, 3/8-23UNF-2A, 3/16 od tu, 0, 560 overall lg (142431)	ea	2		
			P	O		4710-350-9886	TUBE, COPPER: seamless, cold-drawn, soft anld, 3/16 od, 0, 035 wall thk (26 in.) (ft) (80244-44-T-5080-10)	ft	≠		
19	13		P	O		2920-698-3721	LINE: distributor to air cleaner tube, assy (8673356) Fabricated from:	ea	1		
			P	O		4730-014-2431	INVERTED NUT, TUBE COUPLING: inverted flare, br, 3/8-23UNF-2A, 3/16 od tu, 0, 560 overall lg (142431)	ea	2		
			P	O		4710-350-9886	TUBE, COPPER: seamless, cold-drawn, soft anld, 3/16 od, 0, 035 wall thk (13 in.) (ft) (80244-44-T-5080-10)	ft	≠		
							<u>NON-ILLUSTRATED ITEMS</u>				
			P	O		5940-020-0027	TERMINAL, LUG: wire solder, eyelet, dble-grip, br, no. 18 - 16 wire, hole for no. 6 screw type A (breaker lever to coil primary lead) (200027)	ea	1		
			P	O		5305-297-3273	SCREW ASSEMBLED WASHER: cover, w/lockwasher (Auto-lite) (19728-8X3029)	ea	6		
			P	O		2920-358-6840	CLAMP: primary lead retaining (Auto-lite) (19728-IAU6) -----	ea	2		

(1) ILLUST		(2) SOURCE, MAINT AND RECOVERABILITY CODE				(3) FEDERAL STOCK NO	(4) DESCRIPTION	(5) UNIT OF ISSUE	(6) QTY INC IN UNIT	(7) 15-DAY MAINT ALW PER 100 EQUIP					
(a) FIG NO	(b) ITEM NO	(a) MATERIEL CODE	(b) SOURCE	(c) MAINTENANCE LEVEL	(d) RECOVERABILITY					(a) CO OR BTRY	(b) CO BN SEP	(b) CO BN SEP	(b) OR RECT		
06 - ELECTRICAL SYSTEM - Continued															
0605 - DISTRIBUTOR ASSEMBLY (Fig. 31) - Continued															
			P	O		5306-019-1509	BOLT, ASSEMBLED WASHER: hex-hd, split lockwasher S, plain fin. 1/4-20UNC-2A x 5/8 (191509)	ea	1						
			P	O		5310-194-1540	WASHER, FLAT: lt, S, cd- or zn-chromate-fin. 9/32 id, 5/8 od, 0.065 thk, for 1/4 screw size (96906-15795-210)	ea	1						
			P	O		5940-020-0031	TERMINAL, LUG: wire, solder, eyelet, dble-grip, br, cd-pltd, no. 10 screw type A (breaker lever to coil primary lead) (200031)	ea	1						
			P	O		6145-772-2204	WIRE, ELECTRICAL: low tension, hv-duty, syn-ru jacket, braided, ins plastic, natural or syn-ru sgle cond, tnd cop, stranded, awg no. 16 (breaker in,) (ft) (80244-15-C-2165-150)	ft	≠						

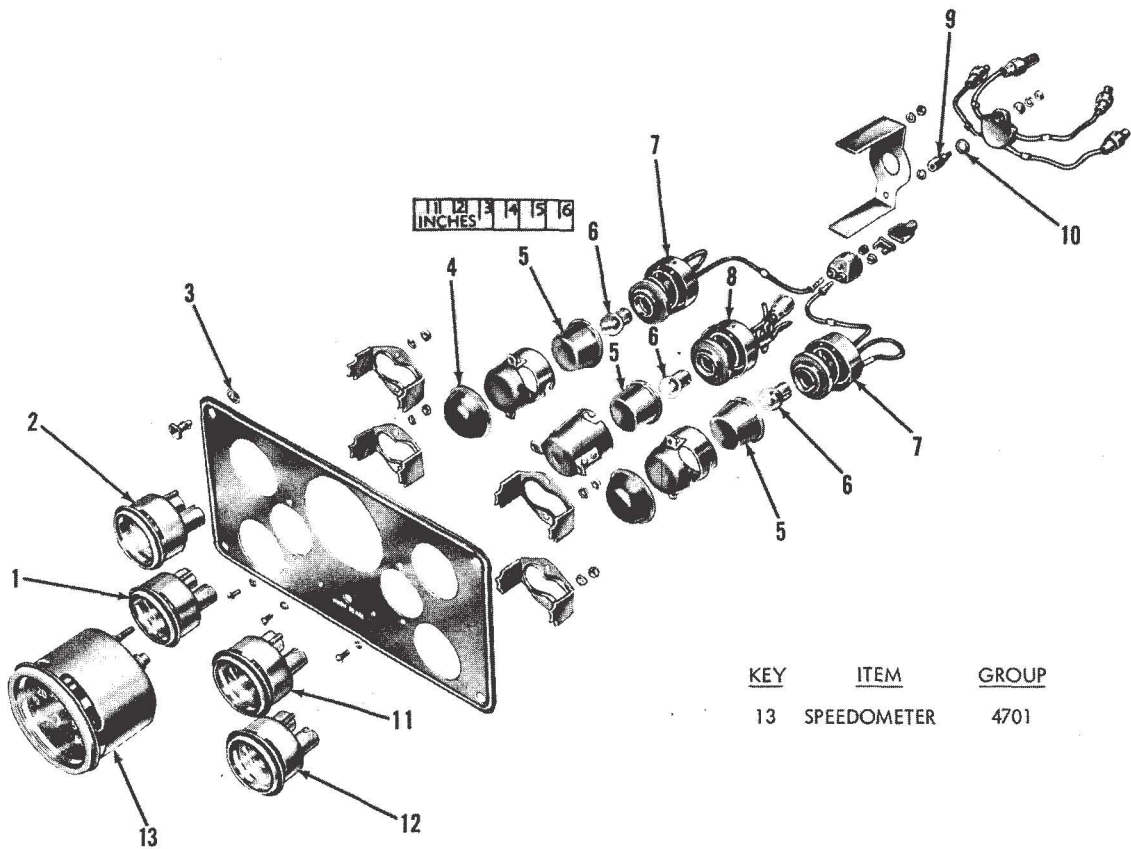


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Figure 31. Distributor assembly

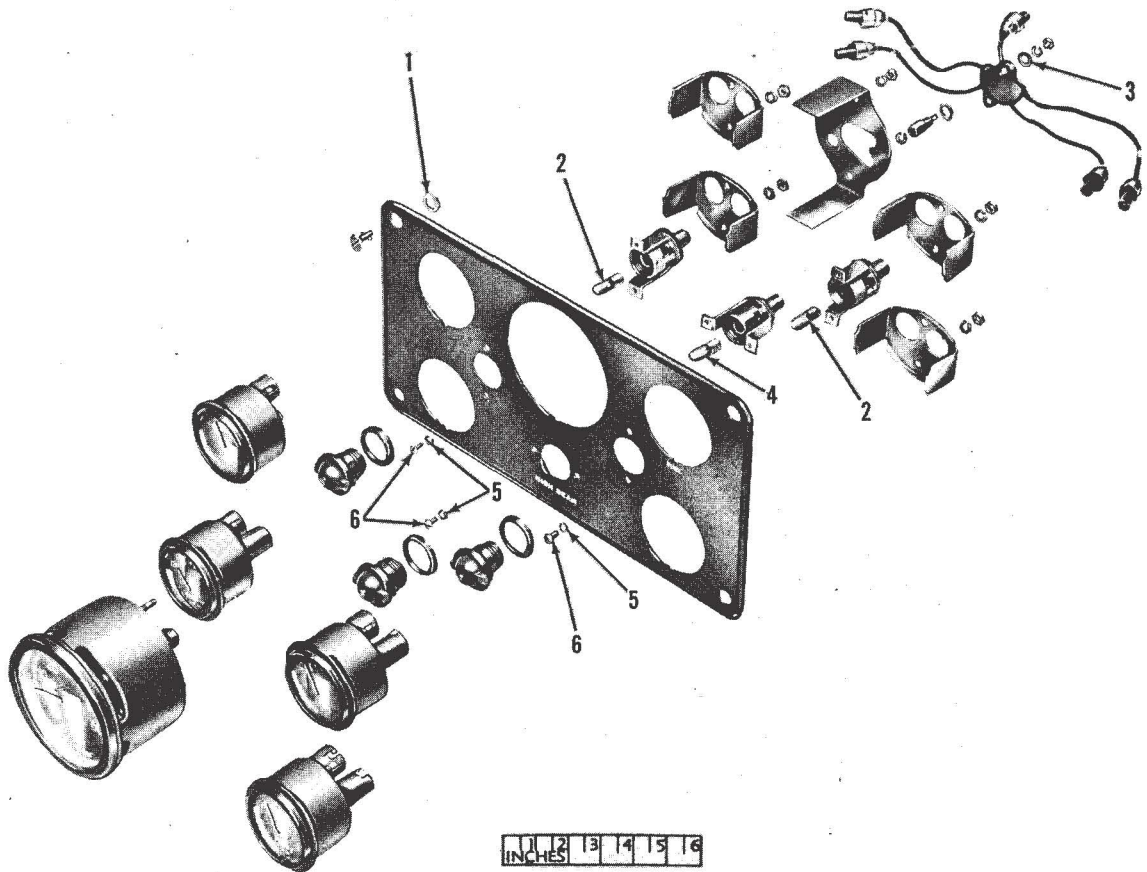
(1) ILLUST		(2) SOURCE, MAINT AND RECOVERABILITY CODE				(3) FEDERAL STOCK NO	(4) DESCRIPTION	(5) UNIT OF ISSUE	(6) QTY INC IN UNIT	(7) 15-DAY MAINT ALW 100 EQUIP			
(a) FIG NO	(b) ITEM NO	(a) MATERIEL CODE	(b) SOURCE	(c) MAINTENANCE LEVEL	(d) RECOVERABILITY				(a) CO OR	(b) BTRY	(c) CO BN	(d) SEP BN OR REGT	
06 - ELECTRICAL SYSTEM - Continued													
0607 - INSTRUMENT PANEL (Fig. 32)													
32	1		C O R			6685-738-9567	GAGE, TEMPERATURE, ELECTRICAL, RESISTANCE: w/clamp, assy (7389567)	ea	1				
			P O			5310-042-6915	NUT, PLAIN, HEXAGON: S, cd- or zn-pltd, no. 8 0, 164-36NF-2B, 11/32 w, 1/8 thk (426915)	ea	2				
			P O			5310-013-1182	WASHER LOCK: split, lt, S, cd- or zn-pltd, no. 8 0, 164 screw size (96906-35337-23)	ea	2				
32	2		P O R			6625-335-9512	VOLTMETER: w/clamp, assy (8376377) -----	ea	1				
			P O			5310-042-6915	NUT, PLAIN, HEXAGON: S, cd- or zn-pltd, no. 8 0, 164-36NF-2B, 11/32 w, 1/8 thk (426915)	ea	2				
			P O			5310-013-1182	WASHER, LOCK: split, lt, S, cd- or zn-pltd, no. 8 -----	ea	2				
32	2		P O			6625-321-6365	VOLTMETER: assy (alternator) (70040-1501524) -----	ea	1				
32	3		C O			5310-752-6591	WASHER: instrument cluster (mounting plate stud) (7526591)	ea	4				
32	4		C O			2510-752-6596	SHIELD: instrument panel light, assy (7526596) -----	ea	2				
32	5		C O			6220-738-4388	LENS, INDICATOR LIGHT: beam indicator light (1) and instrument cluster light (2) (7384388)	ea	3				
32	5		P O			6220-299-5564	LENS, INDICATOR LIGHT: headlight beam (used w/light, 6220-174-1375) (73331-5943677)	ea	1				
32	6		P O			6240-155-8714	LAMP, INCANDESCENT: min, 24 - 28 v, 0, 17 amp sgle-fil, no. 313 min-bay-base, t-3-1/4 bulb, C-2F fil high beam indicator light (1) and instrument panel light (2) (used w/light, 6220-026-4761 and light, 6220-174-1375) (96906-25231-313)	ea	3				
32	7		P O			2590-508-4592	COVER: instrument panel light, w/socket, assy (used w/ light, 6220-776-0412) (7384392)	ea	2				
32	8		P O			2590-693-4173	COVER: headlight high beam indicator light, w/socket, assy (used w/light, 6220-776-0418) (7384389)	ea	1				
32	9		C F			5307-752-6594	STUD: mounting (instrument cluster circuit breaker to gage wiring harness) (7526594)	ea	1				
32	10		P O			5310-050-2203	WASHER, FLAT: S, cd- or zn-pltd, 21/64 id, 9/16 od, 0, 031 thk (wiring harness mounting stud) (inner) (502203)	ea	1				
32	11		C O R			6680-024-2276	INDICATOR, LIQUID QUANTITY: fuel, w/clamp, assy (7728852)	ea	1				
			P O			5310-042-6915	NUT, PLAIN, HEXAGON: S, cd- or zn-pltd, no. 8 0, 164-36NF-2B, 11/32 w, 1/8 thk (426915)	ea	2				
			P O			5310-013-1182	WASHER, LOCK: split, lt, S, cd- or zn-pltd, no. 8 0, 164 screw size (96906-35337-23)	ea	2				

(1) ILLUST		(2) SOURCE, MAINT AND RECOVERABILITY CODE				(3) FEDERAL STOCK NO	(4) DESCRIPTION	(5) UNIT OF ISSUE	(6) QTY INC IN UNIT	(7) 15-DAY MAINT ALW PER 100 EQUIP	
(a) FIG NO	(b) ITEM NO	(a) MATERIEL CODE	(b) SOURCE	(c) MAINTENANCE LEVEL	(d) RECOVERABILITY					(a) CO OR	(b) BTRY CO SEP BN SEP OR RECT
32	12		P O R			6685-335-9508	INDICATOR, PRESSURE: oil w/clamp, assy 60 psi (used w/transmitter, 6685-355-9509) (7954230)	ea	1		
			P O			5310-012-0614	NUT, PLAIN, HEXAGON: S, cd- or zn-pltd, no. 10 0, 190-32NF-2B, 3/8 w, 1/8 thk (120614)	ea	2		
			P O			5310-596-7686	WASHER, LOCK: split, med, S, cd- or zn-chromate-fin., no. 10 0, 190 screw size (96906-35338-43)	ea	2		



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Figure 32. Instrument panel



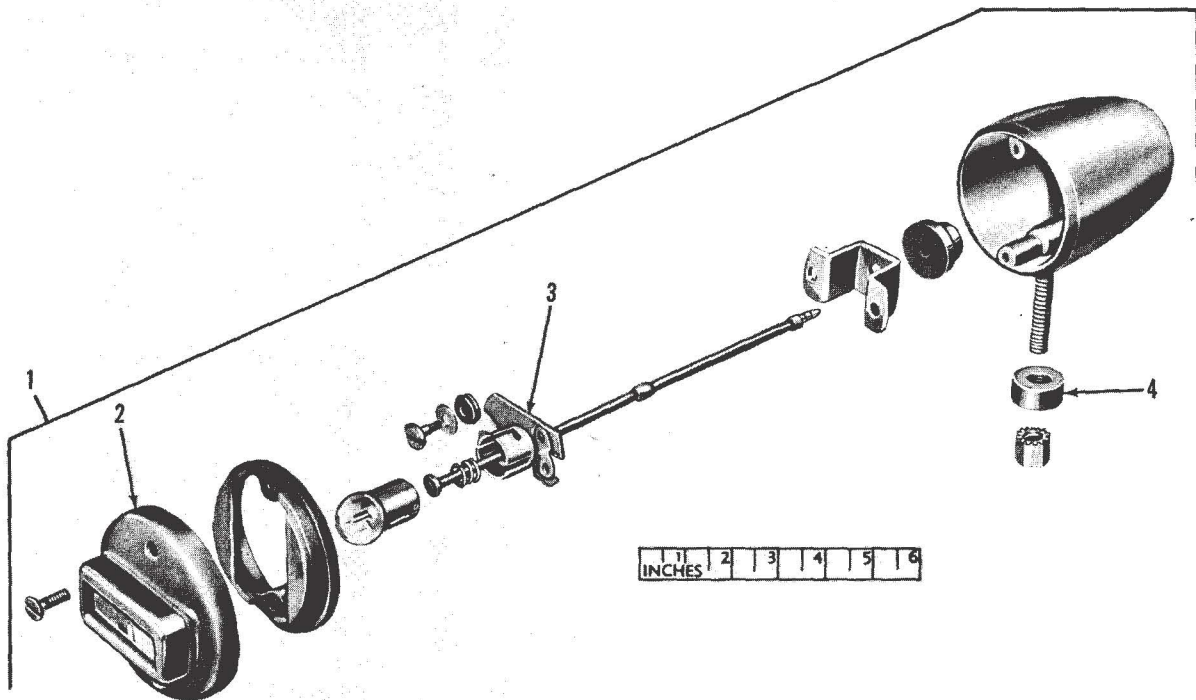
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Figure 33. Instrument panel (M170)

(1) ILLUST		(2) SOURCE, MAINT AND RECOVERABILITY CODE				(3) FEDERAL STOCK NO	(4) DESCRIPTION	(5) UNIT OF ISSUE	(6) QTY INC IN UNIT	(7) 15-DAY MAINT ALW PER 100 EQUIP	
(a) FIG NO	(b) ITEM NO	(a) MATERIAL CODE	(b) SOURCE	(c) MAINTENANCE LEVEL	(d) RECOVERABILITY				(a) CO OK BTRY	(b) CO SEP BN SEP OR REGT	
06 - ELECTRICAL SYSTEM - Continued											
<u>0607 - INSTRUMENT PANEL (M170)</u> (Fig. 33)											
33	1		P O			5325-753-9255	RECEPTACLE: Q2 fastener (instrument cluster to instrument panel) (7539255)	ea	4		
33	2		C O R			6220-776-0412	LIGHT: waterproof, instrument panel, assy, 24 v (used on old type panel w/1-7/8 in hole) (7760412)	ea	2		
33	2		P O R			6220-295-0006	LIGHT: waterproof, instrument panel, assy, 24 v (used on new type panel, w/1 in. hole) (70040-1582082)	ea	2		
33	3		P O			5310-655-9587	WASHER, FLAT: S, cd- or zn-pltd, 13/64 id, 15/32 od, 0.049 thk (wiring harness mounting stud, outer) (96906-15795-208)	ea	1		
33	4		P O R			6220-174-1375	LIGHT, INDICATOR: waterproof, headlight, high beam, assy, 24 v (used on new type panel, w/1 in. hole) (7358619)	ea	1		
33	4		P O R			6220-776-0418	LIGHT, INDICATOR: waterproof, headlight, high beam, assy, 24 v (used on old type panel, w/1-7/8 in. hole) (7760418)	ea	1		
33	5		P O			5310-045-3299	WASHER, LOCK: split, med, S, cd- or zn-chromate-fin., no. 8 0, 164 screw size (453299)	ea	2		
33	6		P O			5305-286-1948	SCREW, MACHINE: rd-hd, S, cd- or zn-pltd, no. 8 0, 164-32NC-2A x 5/16 (121749)	ea	2		
41	6		P O R			5930-776-0409	SWITCH, ROTARY: ignition, w/cable and connectors, assy (7760409)	ea	1		
<u>NON-ILLUSTRATED ITEMS</u>											
			P O R			5930-699-9438	SWITCH, ROTARY: ignition (8380699)	ea	1		
			P O			5310-655-9371	NUT, PLAIN, HEXAGON: S, cd- or zn-pltd, 1/2-20UNF-2B, 3/4 w, 7/16 thk (96906-35690-825)	ea	1		
			P O			5310-013-5629	WASHER, LOCK: ext-teeth, S, cd- or zn-pltd, 1/2 screw size (135629)	ea	1		
			P O			6220-538-1088	LEVER: ignition switch (5381088)	ea	1		
			P O			2920-796-2655	PARTS KIT, WIRING, IGNITION SWITCH: (5702401) Composed of: 1 HARNESS ASSEMBLY (8687079) 1 HARNESS ASSEMBLY (8687080) 1 CABLE, assembly (7033742) 1 BRACKET, assembly (connector (7726808)	ea	1		
			P O R			5930-307-8856	SWITCH LIGHT: (7368702)	ea	1		

(1) ILLUST		(2) SOURCE, MAINT AND RECOVERABILITY CODE				(3) FEDERAL STOCK NO	(4) DESCRIPTION	(5) UNIT OF ISSUE	(6) QTY INC IN UNIT	(7) 15-DAY MAINT ALW PER 100 EQUIP	
(a) FIG NO	(b) ITEM NO	(a) MATERIEL CODE	(b) SOURCE	(c) MAINTENANCE LEVEL	(d) RECOVERABILITY				(a) CO OR BTRY	(b) SEP CO BN OK REGT	
							06 - ELECTRICAL SYSTEM - Continued				
							<u>0608 - MISCELLANEOUS SWITCHES, TERMINALS AND JUNCTION BOXES (Fig. 41)</u>				
41	7	C	O	R		5930-092-9511	SWITCH, PUSH; headlight dimmer, w/cable and connector, assy (7728788)	ea	1		
			P	O		5305-285-5278	SCREW, ASSEMBLED WASHER: cross-recess-pan-hd, int-teeth lockwasher, header-pt, S, cd- or zn-pltd, 1/4-20UNC-2A x 1/2 (454789)	ea	2		
41	8	C	O			5930-741-2642	SWITCH, PRESSURE: stop light, air, assy (7388813) -----	ea	1		
							<u>NON-ILLUSTRATED ITEMS</u>				
			P1	O		2540-953-2180	CONTROL ASSEMBLY DIRECTIONAL SIGNAL: control turn signal (8683933)	ea	1		
			P1	O		2590-953-2179	BOX DISTRIBUTION: (8683529) -----	ea	1		
			P1	O		5945-952-3818	FLASHER, THERMAL: (7050005)-----	ea	1		
			P1	O		6240-155-8714	LAMP, INCANDESCENT: (96906-25231-313) -----	ea	1		
			P1	O		5850-076-8992	LENS, SIGNAL LIGHT: lens, turn signal handle (77977-24-129)	ea	1		

(1) ILLUST		(2) SOURCE, MAINT AND RECOVERABILITY CODE				(3) FEDERAL STOCK NO	(4) DESCRIPTION	(5) UNIT OF ISSUE	(6) QTY INC IN UNIT	(7) 15-DAY MAINT ALW PER 100 EQUIP		
(a) FIG NO	(b) ITEM NO	(a) MATERIEL CODE	(b) SOURCE	(c) MAINTENANCE LEVEL	(d) RECOVERABILITY					(a) CO OR BTRY	(b) SEP PER BTRY OR REGT	
							06 - ELECTRICAL SYSTEM - Continued					
							0609 - BLACKOUT MARKER LIGHT (Fig. 34)					
34	1		C	O		6220-283-9490	LIGHT, MARKER, CLEARANCE: blackout marker, assy (7723899)	ea	2			
			P	O		5306-042-3568	BOLT, ASSEMBLED WASHER: hex-hd, ext-teeth lock-washer, S, cd- or zn-pltd, 3/8-16UNC-2A x 5/8 (423568)	ea	2			
34	2		C	O		6220-772-9791	DOOR: blackout marker light, w/lens, assy (7729791)	--	ea	2		
34	3		P	O		2590-772-9796	CONNECTOR: marker light, w/cables (7729796)	----	ea	2		
34	4		C	O		5340-737-5023	PAD: mounting, blackout marker light ru (7375023)	---	ea	2		

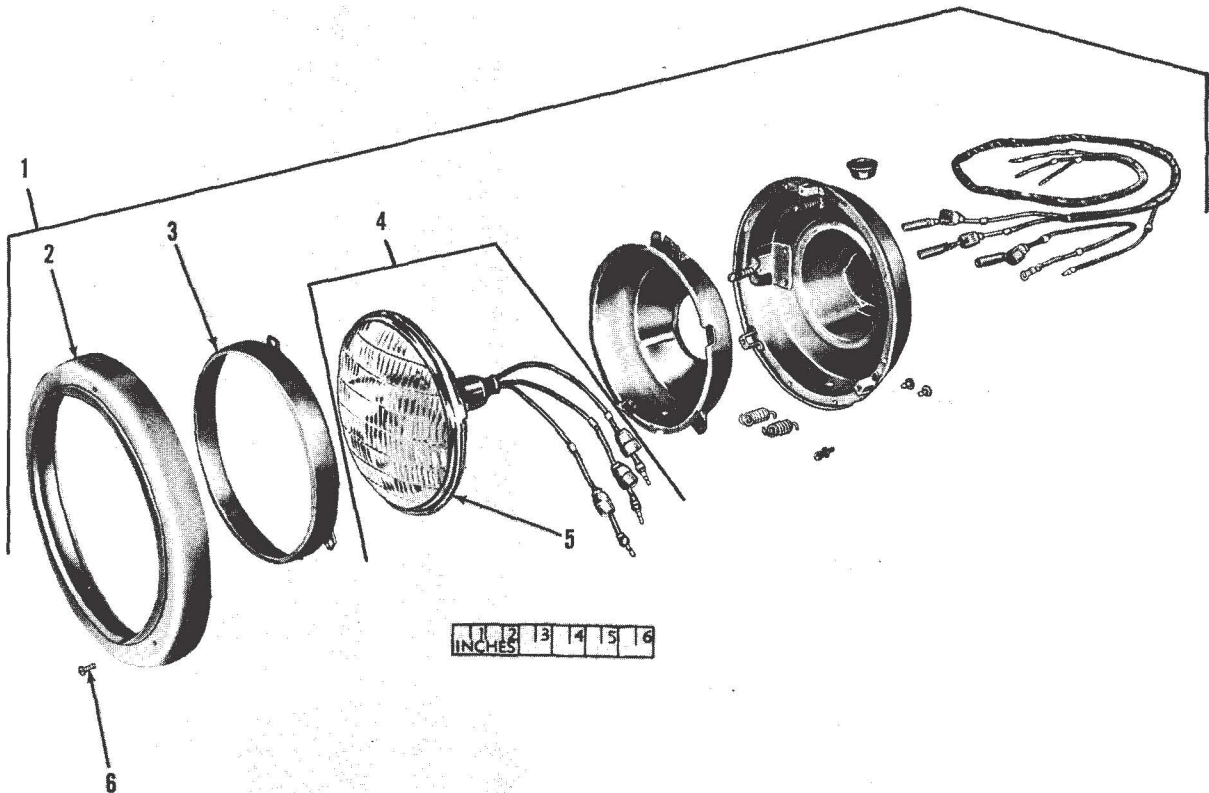


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Figure 34. Blackout marker light - exploded view

(1) ILLUST		(2) SOURCE, MAINT AND RECOVERABILITY CODE				(3) FEDERAL STOCK NO	(4) DESCRIPTION	(5) UNIT OF ISSUE	(6) QTY INC IN UNIT	(7) 15-DAY MAINT ALW PER 100 EQUIP	
(a) FIG NO	(b) ITEM NO	(a) TECHNICAL SERVICE NO	(b) SOURCE	(c) MAINTENANCE LEVEL	(d) RECOVERABILITY				(a) 3RD ECH (DIR SUP)	(b) 4TH ECH (GEN SUP)	
							06 - ELECTRICAL SYSTEM - Continued				
							<u>0609 - SERVICE HEADLIGHT ASSEMBLY (Fig. 35)</u>				
35	1		P O R			6220-696-0324	HEADLIGHT: assy (8332127) -----	ea	2		
			P O			5310-012-0614	NUT, PLAIN, HEXAGON: S, cd- or zn-pltd, no. 10 0.190-32NF-2B, 3/8 w, 1/6 w, 1/6 thk (120614)	ea	16		
			P O			5305-016-0046	SCREW, MACHINE: cross-recess-pan-hd, S, cd- or zn-pltd, no. 10 0.190-32NF-2A x 1/2 (160046)	ea	16		
			P O			5310-596-7686	WASHER, LOCK: split, med, S, cd- or zn-pltd, no. 10 0.190 screw size (96906-35338-43)	ea	16		
35	2		P O			6220-300-9908	DOOR, SERVICE HEADLIGHT: assy, headlight, w/gasket, rings, screws, spring and washers, assy (7525936)	ea	2		
35	3		C O			5340-695-9727	RING, RETAINING: headlight lamp unit (7358582) -----	ea	2		
			P O			6220-512-9219	RING, ASSY: retaining, headlight lamp unit (used w/Auto-lite headlight)(19728-CB17812)	ea	2		
			P O			5305-735-0582	SCREW, MACHINE: headlight lamp unit ring (23862-924552)	ea	6		
35	4		P O			6220-504-0981	LAMP UNIT: headlight, w/cables, assy (7418343)-----	ea	2		
35	5		P O			6220-385-7637	LAMP UNIT, HEADLIGHT: sealed, mtl reflector, crystal glass lens, 24 - 28 v, dble-fil, 50 - 40 w, (455157)	ea	2		
35	5		P O			6220-696-0249	LAMP UNIT, HEADLIGHT: sealed beam, amber colored lens (used on vehicles in areas where regulations require the use of amber headlights) (8334009)	ea	2		
35	6		P O			5305-695-7209	SETSCREW: headlight door (7525935) -----	ea	6		

(1) ILLUST		(2) SOURCE, MAINT AND RECOVERABILITY CODE				(3) FEDERAL STOCK NO	(4) DESCRIPTION	(5) UNIT OF ISSUE	(6) QTY INC IN UNIT	(7) 15-DAY MAINT ALW PER 100 EQUIP	
(a) FIG NO	(b) ITEM NO	(a) MATERIEL CODE	(b) SOURCE	(c) MAINTENANCE LEVEL	(d) RECOVERABILITY					(a) CO OR BTRY	(b) CO SEP OR REGT
							06 - ELECTRICAL SYSTEM - Continued 0609 - SERVICE HEADLIGHT ASSEMBLY (Fig. 35)				
35	6		P	O		5305-226-9267	SCREW, MACHINE: rd-hd, S, cd- or zn-pltd, no. 10 0, 190-24NC-2A x 1 (headlight door) (132848)	ea	6		
			C	O		6220-737-5022	<u>NON-ILLUSTRATED ITEM</u> PAD: mounting, headlight rubber (7375022) -----	ea	2		



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Figure 35. Service headlight assembly - exploded view

(1) ILLUST		(2) SOURCE, MAINT AND RECOVERABILITY CODE				(3) FEDERAL STOCK NO	(4) DESCRIPTION	(5) UNIT OF ISSUE	(6) QTY INC IN UNIT	(7) 15-DAY MAINT ALW PER 100 EQUIP	
(a) FIG NO	(b) ITEM NO	(a) MATERIEL CODE	(b) SOURCE	(c) MAINTENANCE LEVEL	(d) RECOVERABILITY					(a) CO OR BTRY	(b) CO SEP BN OR REGT
06 - ELECTRICAL SYSTEM - Continued											
0609 - BLACKOUT HEADLIGHT ASSEMBLY (Fig. 36)											
36	1		P	O	R	6220-776-0505	HEADLIGHT: blackout, shielded, wtrprf, 24 - 28 v, assy (7760505)	ea	1		
36	2		P	O		6220-695-1107	DOOR, BLACKOUT HEADLIGHT: w/ring and screw (7525940)	ea	1		
			P	O		5330-732-0689	GASKET: run, 2-5/64 id, 2-24/64 od, 5/32 thk (blackout marker light, door) (7320689)	ea	1		
36	3		P	O		6220-283-9906	LAMP UNIT, HEADLIGHT BLACKOUT: sealed, shielded, mtl reflector, 24 - 28 v, 10 cp, w/cables and wtrprf connectors (573435)	ea	1		
36	4		P	O		5940-705-6708	TERMINAL LUG: solderless, wtrprf, cap, cd- or zn-pltd no. 12 or 14 awg multi-cord cable, hole for no. 10 screw (blackout driving light extension cable) (7056708)	ea	1		
36	5		C	O		5310-350-2655	WASHER: mounting, blackout headlight (5294507)	ea	1		
36	6		P	O		5310-637-9541	WASHER, LOCK: split, med, S, cd- or zn-pltd, 3/8 in. screw size (blackout driving light) (120382)	ea	2		
36	7		C	O		6220-693-4175	CLIP, SPRING TENSION: retm (blackout driving light lamp unit) (7525937)	ea	3		
36	8		P	O		5305-285-3952	SCREW, MACHINE: fil-hd, S, zn-chromate-fin., no. 8 0, 164-32NC-2A x 3/8 (blackout headlight door) (453804)	ea	3		
36	8		P	O		5305-752-5938	SCREW, MACHINE: blackout headlight door (73331-5940558)	ea	3		

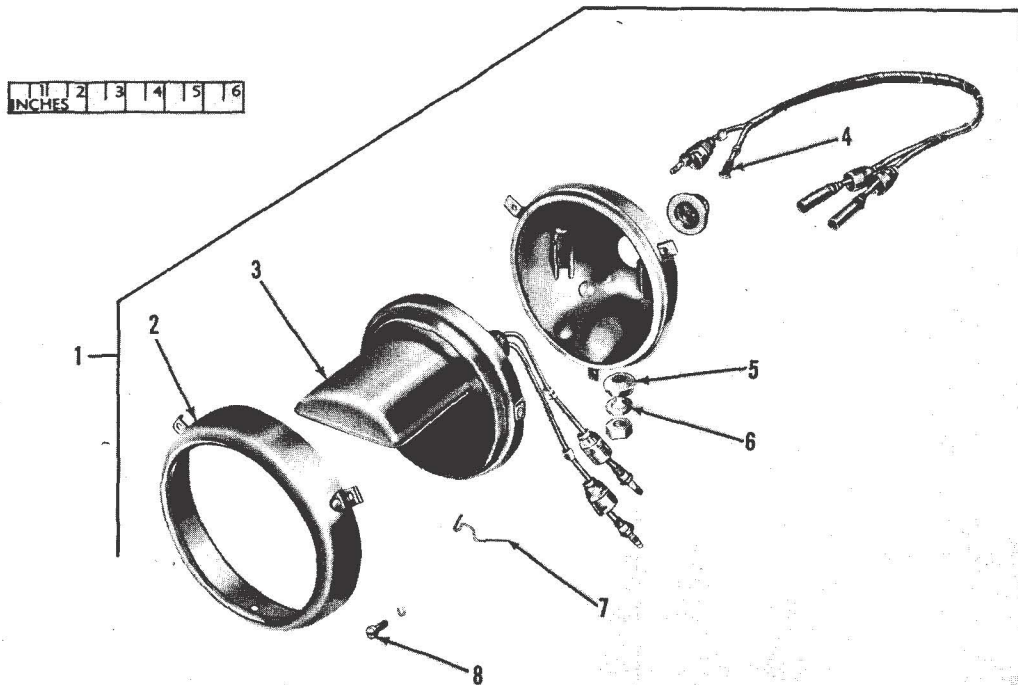
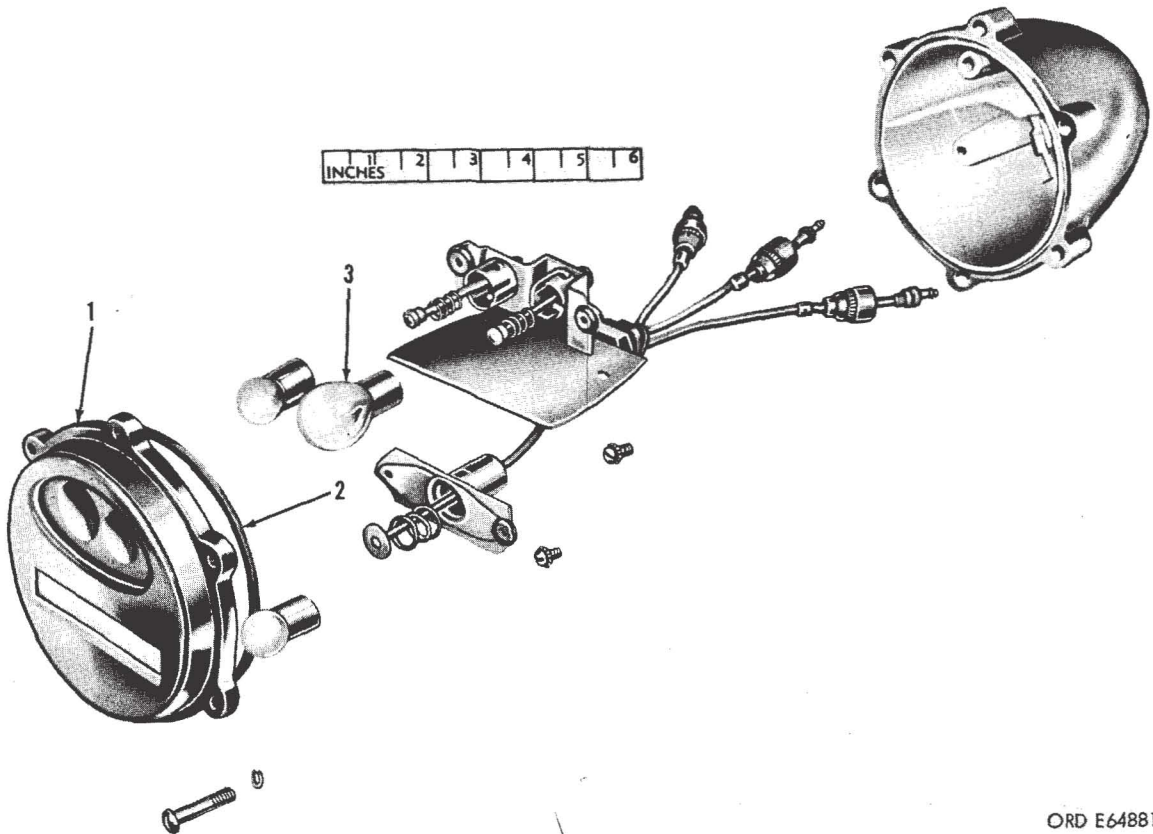


Figure 36. Blackout headlight assembly - exploded view

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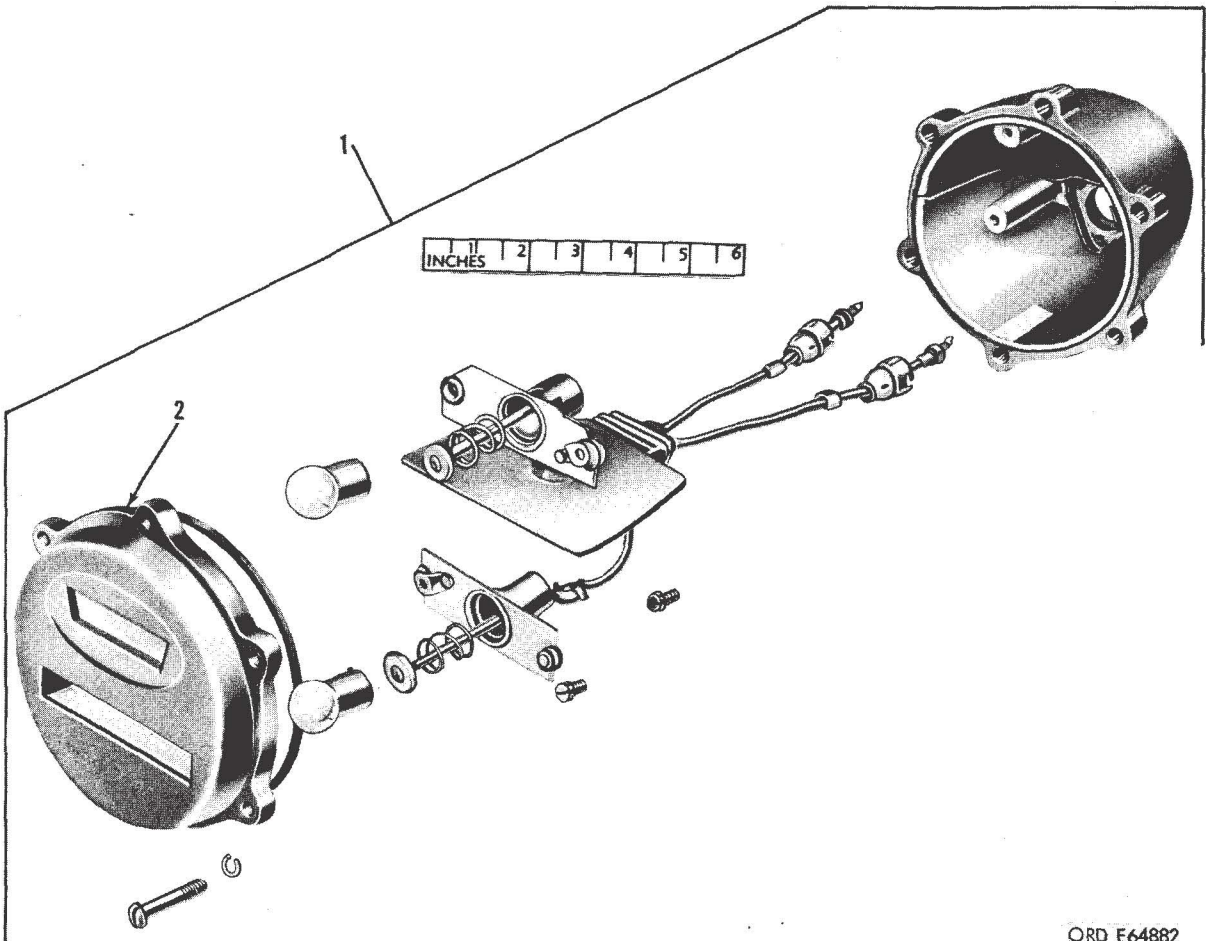
(1) ILLUST		(2) SOURCE, MAINT AND RECOVERABILITY CODE				(3) FEDERAL STOCK NO	(4) DESCRIPTION	(5) UNIT OF ISSUE	(6) QTY INC IN UNIT	(7) 15-DAY MAINT ALW PER 100 EQUIP	
(a) FIG NO	(b) ITEM NO	(a) MATERIEL CODE	(b) SOURCE	(c) MAINTENANCE LEVEL	(d) RECOVERABILITY					(a) CO OR BTRY	(b) CO SEP BN OR RECT
06 - ELECTRICAL SYSTEM - Continued											
<u>0609 - LEFT SERVICE, BLACKOUT TAIL, AND STOP-LIGHT ASSEMBLY (Fig. 37)</u>											
37	1	P	O			6220-752-6020	DOOR, ASSEMBLY TAILLIGHT: flange mtg, w/screws, assy (left stop and taillight) (7526020)	ea	1		
37	2	P	O			5330-297-7106	PACKING, PREFORMED: 2 ring, ru, 4.093 in. id, 4-5/16 in. od, 0.135 in. thk (taillight door) (7320658)	ea	1		
37	3	P	O			6240-044-6914	LAMP, INCANDESCENT: min, 24 - 28 v, sgle-tun-fil, no. 1683, 32 cp sgle contact cand-bay-base, S-8 bulb (left taillight) (446914)	ea	1		



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Figure 37. Left service, blackout tail, and stoplight assembly - exploded view

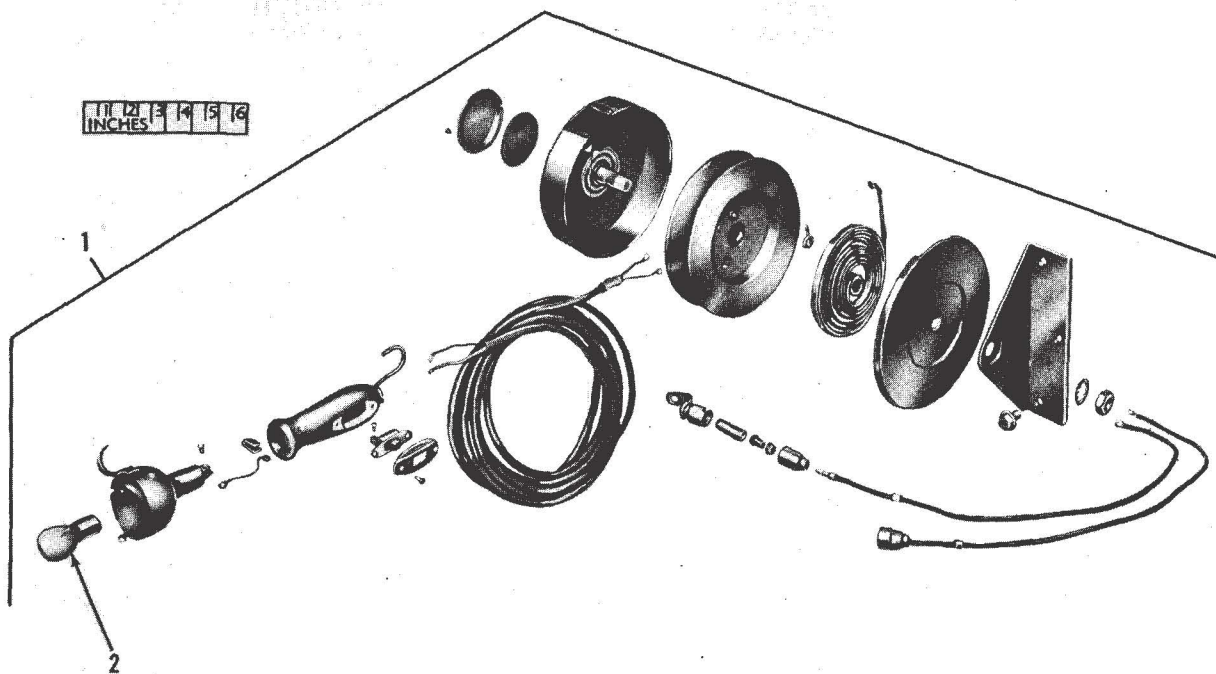
(1) ILLUST		(2) SOURCE, MAINT AND RECOVERABILITY CODE				(3) FEDERAL STOCK NO	(4) DESCRIPTION	(5) UNIT OF ISSUE	(6) QTY INC IN UNIT	(7) 15-DAY MAINT ALW PER 100 EQUIP	
(a) FIG NO	(b) ITEM NO	(a) MATERIEL CODE	(b) SOURCE	(c) MAINTENANCE LEVEL	(d) RECOVERABILITY					(a) CO OR	(b) BN OR REGT
							06 - ELECTRICAL SYSTEM - Continued				
							0609 - RIGHT SERVICE, BLACKOUT TAIL, AND STOPLIGHT ASSEMBLY (Fig. 38)				
38	1		P	O	R	6220-337-6471	STOPLIGHT, TAILLIGHT, VEHICULAR: tail, right, assy (8378786)	ea	1		
38			P	O		5306-042-3568	BOLT, ASSEMBLED WASHER: hex-hd, ext-teeth lock-washer, S, cd- or zn-pltd, 3/8-16UNC-2A x 5/8 (423568)	ea	2		
38	2		P	O		6220-752-6018	DOOR, ASSY TAILLIGHT: flange mtg, w/screws, assy (right stop and taillight) (7526018)	ea	1		



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Figure 38. Right service, blackout tail, and stoplight assembly - exploded view

(1) ILLUST		(2) SOURCE, MAINT AND RECOVERABILITY CODE				(3) FEDERAL STOCK NO	(4) DESCRIPTION	(5) UNIT OF ISSUE	(6) QTY INC IN UNIT	(7) 15-DAY MAINT ALW PER 100 EQUIP	
(a) FIG NO	(b) ITEM NO	(a) MATERIEL CODE	(b) SOURCE	(c) MAINTENANCE LEVEL	(d) RECOVERABILITY				(a) CO OR BTRY	(b) CO SEP BN OR RECT	
							06 - ELECTRICAL SYSTEM - Continued <u>0609 - REEL LAMP (Fig. 39)</u>				
39	1		P O			6220-741-2783	LIGHT: extension w/reel (M170) (7412783) -----	ea	1		
39	2		P O			6240-155-8725	LAMP, INCANDESCENT: min, 24-28 v, 21 cp, sgle-fil, no. 1204, dble-contact cand-bay-base, S, B bulb, C-2 v fil (map extension light) (M170) (193048)	ea	1		



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Figure 39. Reel lamp - exploded view

(1) ILLUST		(2) SOURCE, MAINT AND RECOVERABILITY CODE				(3) FEDERAL STOCK NO	(4) DESCRIPTION	(5) UNIT OF ISSUE	(6) QTY INC IN UNIT	(7) 15-DAY MAINT ALW PER 100 EQUIP	
(a) FIG NO	(b) ITEM NO	(a) MATERIEL CODE	(b) SOURCE	(c) MAINTENANCE LEVEL	(d) RECOVERABILITY				(a) CO OR	(b) F...Y CO SEP BN OR REGT	
							06 - ELECTRICAL SYSTEM - Continued				
							<u>0610 - SENDING UNITS (Fig. 40)</u>				
40	1		C	O		6685-738-9566	TRANSMITTER, TEMPERATURE, ELECTRICAL RESISTANCE: water temperature gage, assy (7389566)	ea	1		
40	2		P	O		6620-634-8945	TRANSMITTER, PRESSURE: oil pressure gage, assy 60 psi (used w/indicator 6685-335-9508) (7954231)	ea	1		
40	3		C	O		2805-040-2529	SUPPORT: coil pressure sending unit, w/bracket, assy (8329686)	ea	1		
40	4		P	O		5310-012-1752	WASHER, LOCK: ext-teeth, S, cd- or zn-pltd, no. 8 screw size (121752)	ea	5		
40	5		P	O		4730-278-4506	ELBOW: pipe to tube, 90 deg, 3/16 od tube, 1/8 male pipe end (oil pressure sending unit)	ea	1		
20	8		P	O		5305-281-1091	SCREW ASSEMBLED WASHER: w/lockwasher (8332524) ----	ea	5		
20	9		C	O		5310-737-5147	WASHER: sealing, gas gage sending unit screw (65909-807161)	ea	5		
20	9		P	O		5310-753-9073	WASHER: sealing, gas gage sending unit screw copper (40095-A49-8839)	ea	5		
20	10		P	O		6680-515-3456	UNIT: sending, fuel tank gage, assy (M38A1 and M38A1C) (8329687)	ea	1		
20	10		P	O		6680-695-7245	UNIT: sending, fuel tank gage, assy (8333280) (M170) ----	ea	1		
20	11		C	O		2910-737-5146	GASKET: fuel tank gage sending unit (7375146) ----	ea	1		

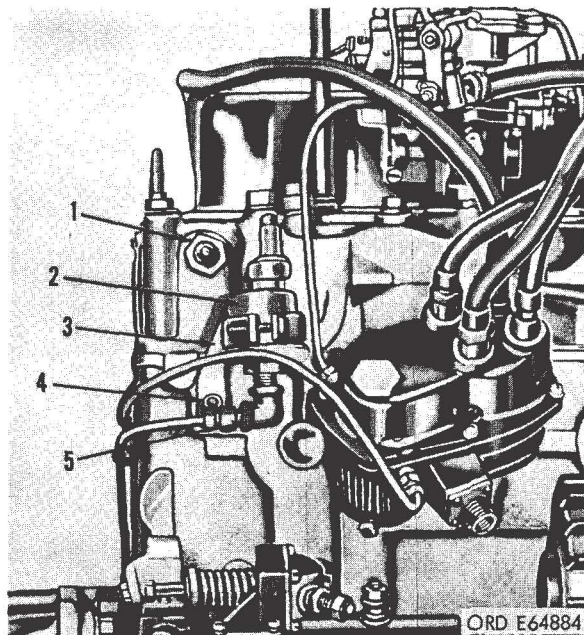
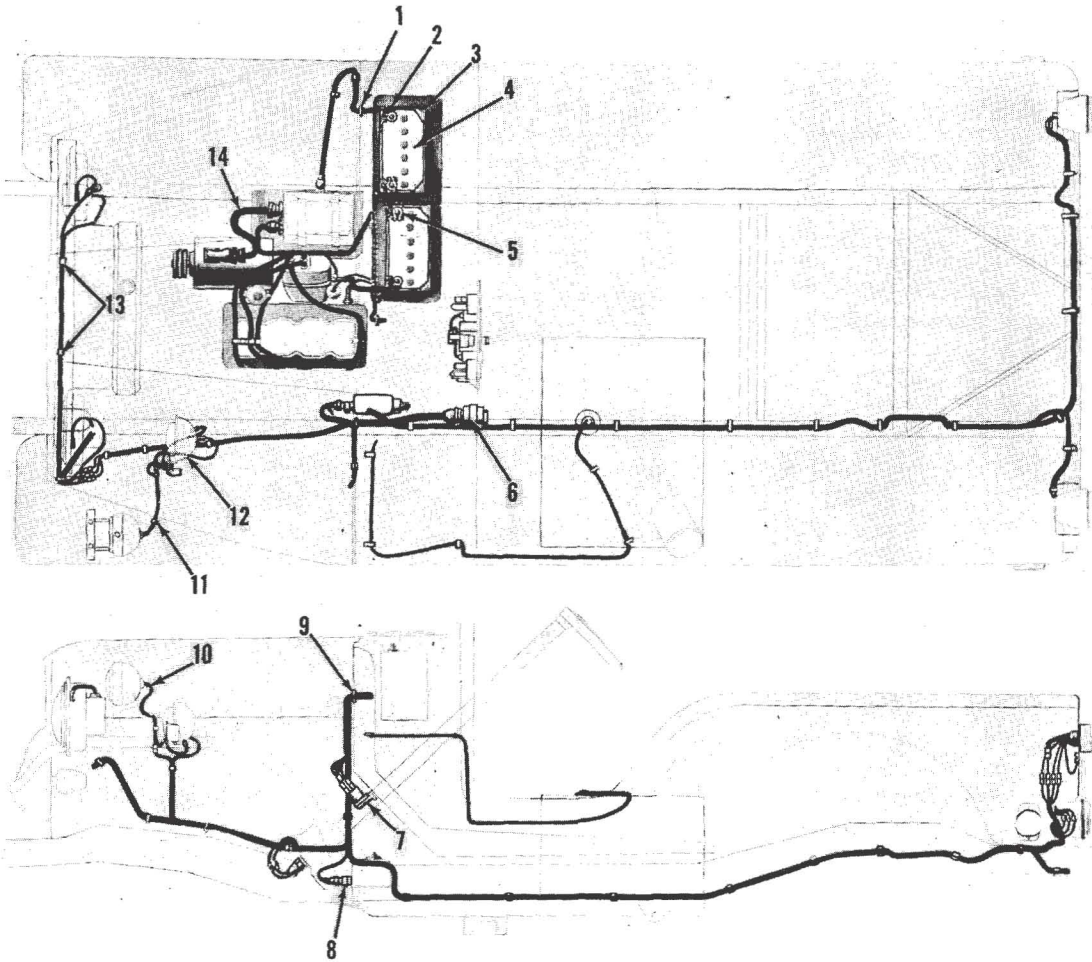


Figure 40. Sending units

(1) ILLUST		(2) SOURCE, MAINT AND RECOVERABILITY CODE				(3) FEDERAL STOCK NO	(4) DESCRIPTION	(5) UNIT OF ISSUE	(6) QTY INC IN UNIT	(7) 15-DAY MAINT ALW PER 100 EQUIP	
(a) FIG NO	(b) ITEM NO	(a) MATERIE CODE	(b) SOURCE	(c) MAINTENANCE LEVEL	(d) RECOVERABILITY				(a) CO OR BTRY	(b) CO SEP BN OR REGT	
06 - ELECTRICAL SYSTEM - Continued											
<u>0611 - HORN - (Fig, 59)</u>											
59	5		C	O		2590-572-4206	CAP: button (7412442) -----	ea	1		
59	6		C	O		2540-040-2625	RETAINER: button cap (8332518)-----	ea	1		
59	7		P	O		9510-596-3738	STEEL: machinery sae WD1020 bar, cold rolled, dia 1/8 in. 42-11/16 in. ft (horn switch push rod H010-0420005) (80244-46-S7350)	ft	#		
			C	O		5310-333-7543	WASHER: retaining (switch push rod) (8329690) -----	ea	1		
59	8		P	O		2530-338-1943	DISK: horn switch centering (8332677) -----	ea	1		
41	12		P	O	R	2590-678-6140	HORN, ELECTRICAL: automotive type, 24 volt (96906-51074-1)	ea	1		
			P	O		5305-558-3693	SCREW, CAP, HEXAGON HEAD: low-carb-S, cd- or zn-pltd, 1/4-28UNF-2A x 3/4 (horn to bracket) (96906-35292-6)	ea	2		
			P	O		5310-012-1753	WASHER, LOCK: ext-teeth, S, cd- or zn-pltd, 1/4 in. bolt size (horn to bracket) (121753)	ea	2		
59	11		C	O		5930-096-6919	SWITCH: w/harness, assy (8329689) -----	ea	1		
			P	O		5310-010-7827	NUT, STAMPED: hex, 9 notch, S, cd- or zn-pltd, 3/4- 16NF, 1-1/16 w, 0, 203 thk (107827)	ea	1		
<u>NON-ILLUSTRATED ITEM</u>											
			P	O		2590-766-7722	ADAPTER KIT, HORN WIRE: (8689231) Composed of: 1 CABLE ASSEMBLY (8742046) 1 CABLE ASSEMBLY (8742047)	ea	1		



<u>KEY</u>	<u>ITEM</u>	<u>GROUP</u>
6	SWITCH	0607
7	DIMMER	0608
	SWITCH	
8	STOPLIGHT	0608
	SWITCH	
10	CABLE	0613
11	CLIP	0613
12	HORN	0611
13	FASTENER	0613

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Figure 41. Batteries and related parts

(1) ILLUST		(2) SOURCE, MAINT AND RECOVERABILITY CODE				(3) FEDERAL STOCK NO	(4) DESCRIPTION	(5) UNIT OF ISSUE	(6) QTY INC IN UNIT	(7) 15-DAY MAINT ALW PER 100 EQUIP	
(a) FIG NO	(b) ITEM NO	(a) MATERIEL CODE	(b) SOURCE	(c) MAINTENANCE LEVEL	(d) RECOVERABILITY				(a) CO OR BTRY	(b) CO SEP BY OR REGT	
06 - ELECTRICAL SYSTEM - Continued											
<u>0612 - BATTERIES AND RELATED PARTS (Fig. 41)</u>											
41	1		C	O		5340-282-7521	CLAMP, LOOP: loop type, S, cd- or zn-pltd, 5/8 in, od tube, hole for 1/4 in, bolt (positive cable to dash negative cable to dash and negative cable to splash apron) (120527)	ea	3		
41	2		P	O		5940-729-9423	TERMINAL LUG: clamp type, neg, w/3/8-16NC-2 (bolt and nut for lug type cable term battery terminal post) (507032)	ea	2		
41	2		P	O		5940-502-3729	TERMINAL, LUG: clamp type, pos, w/3/8-16NC-2 (bolt and nut for lug type cable term battery terminal post) (96906-75004-1)	ea	2		
41	2		P	O		5940-705-6730	TERMINAL, LUG: wire, solderless, waterproof, sq-end tongue, cop, tn or cd-pltd, no. 2 awg sgle conductor wire, hole for 3/8 in, bolt battery to battery (2), battery to ground (2) and battery to starter (2) (7056730)	ea	6		
41	3		C	O		6140-643-0006	FRAME: hold-down, assy (8329666) -----	ea	2		
			C	O		5306-734-6940	BOLT: hold-down frame (7346940) -----	ea	4		
41	4		P	O	R	6140-057-2553	BATTERY, STORAGE: lead-acid, charged, dry, no. 2HN automotive service, 12 v, 6-cell, 45 amp-hr rating, 10-3/16, 5-1/4 x 8-15/16 max (572553)	ea	2		
41	5		P	O		5306-050-1924	BOLT: btry term, sq-hd, S, ld-ctd, 5/16-18UNC-2A x 1-1/4, w/nut (501924)	ea	4		
41	9		P	O		5325-011-7965	GROMMET, RUBBER: split, 5/8 id, 31/32 od x 1/16 w mounting groove cable (120013)	ea	4		
41	14		P	O		2590-693-4226	CABLE: generator to generator regulator, w/connectors assy (M170) (8333281)	ea	1		
			C	O		2920-503-4763	CABLE ASSY, SPECIAL PURPOSE, ELECTRICAL: generator to generator regulator, w/connectors, assy (M38A1 and M38A1C) (8329763)	ea	1		
<u>NON-ILLUSTRATED ITEMS</u>											
			P	O		5330-505-6609	RUBBER, SHEET, CELLULAR: sponge ru, oil resistant 1/2 thk, 24 w (weatherstrip, battery box cover 4 ft) (ft) (80244-33-R-172-50)	ft	≠		
			P	O		6810-249-9354	SULFURIC ACID, ELECTROLYTE: sulfuric, storage battery, dilute electrolyte, special, sp-gr 1,280, 1 - 1 gal us (container for concentrated acid see snl-kl gal) (80244-51-A-1562-255)	ea	2		
			P	O		5305-639-0521	THUMBSCREW: battery box door, w/washer (65909-681166) --	ea	8		
			P	O		4710-289-0653	TUBE, COPPER: seamless, cold-drawn, soft anld, 5/8 in. od, 0.035 in. wall thkns 5/8 in. lg (battery drain tray tube) (80244-44-T-5080-35)	ft	≠		
			P	O		4720-235-1778	TUBING, RUBBER: compounded, hv wall, id, 5/8 in. wall thickness 1/8 in, battery drain tray 24 in, battery drain tray, inboard 4-1/8 in, and outboard 4-1/2 in. (ft) (80244-33-T-242)	ft	≠		
			P	O		6145-805-3354	WIRE, ELECTRICAL: low tension, hv-duty, syn-ru jacket, braided, ins plastic, natural or syn-ru, sgle cond, tnd-cop stranded, awg no. 2 6 ft (ft) (80244-15-C-2165-350)	ft	≠		

(1) ILLUST		(2) SOURCE, MAINT AND RECOVERABILITY CODE				(3) FEDERAL STOCK NO.	(4) DESCRIPTION	(5) UNIT OF ISSUE	(6) QTY INC IN UNIT	(7) 15-DAY MAINT ALW PER 100 EQUIP	
(a) FIG NO	(b) ITEM NO	(a) MATERIAL CODE	(b) SOURCE	(c) MAINTENANCE LEVEL	(d) RECOVERABILITY					(a) CO OR BTRY	(b) CO SEP BN OR RECT
06 - ELECTRICAL SYSTEM - Continued											
<u>0613 - CHASSIS WIRING (NON-ILLUSTRATED ITEMS)</u>											
				P	O	5975-644-3156	BUSHING, ELECTRICAL CONDUCTOR: S, cd- or zn-chromate-fin., 0.260 id, 0.180 overall lg (☆☆kit, 5935-570-1060) (572999)	ea	150		
				P	O	5340-514-4454	BUSHING RUBBER: 30 deg cham, syn-ru, 0.745 id, 1.057 od, 0.663 overall lg (sealing electrical connector) (☆☆kit, 5935-570-1380) (7527646)	ea	2		
				P	O	5340-514-4456	BUSHING, RUBBER: 30 deg cham, syn-ru, 0.932 id, 1.370 od, 0.684 overall lg sealing (electrical connector) (. . kit, 5935-570-1380) (7716699)	ea	1		
				P	O	5340-752-7628	BUSHING, RUBBER: electrical connector four cable holes, two 0.115 in. holes, two 0.130 in. holes, 0.625 in. od (☆☆kit, 5935-570-1380) (77820-10-40817-9)	ea	1		
				P	O	5340-682-1743	BUSHING, RUBBER: electrical connector eight 0.150 in. cable holes, 1 in. od (☆☆kit, 5935-570-1380) (77820-10-40822-23)	ea	1		
				P	O	5340-772-2343	BUSHING, RUBBER: elec connector, syn-ru, 0.150 id, 3/8 od, 29/64 flange od, 17/32 overall lg (☆☆kit, 5935-570-1380) (7722343)	ea	1		
				P	F		CLAMP, ELECTRICAL: foot dimmer switch to dash, head-light cable to clip bracket and light switch rear harness to rear crossmember (6Z19-322-39)	ea	3		
				C	O	5340-282-7521	CLAMP, LOOP: loop type, cushioned, S, cd- or zn-pltd 5/8 in. od tube, hole for 1/4 in bolt left switch rear wiring harness to left side top rear crossmember (120527)	ea	1		
				P	O	5970-224-5277	COMPOUND: insulating and sealing, electrical connectors, 2 oz tube (☆☆kit, 5935-570-1380)	ea	1		
				P	O	5935-636-6876	CONTACT, ELECTRICAL: connector, female, no. 12 awg (☆☆kit, 5935-570-1380) (7527654)	ea	50		
				P	O	5935-259-3143	CONTACT, ELECTRICAL: connector, solderless, beryllium cop, sil-pltd, cont size 16 m long, 1.438 overall lg (☆☆kit, 5935-570-1380) (7527652)	ea	50		
				P	O	5935-752-7648	CONTACT, ELECTRICAL: elec, solderless, beryllium cop, sil-pltd, cont size 16 m, 1.047 overall lg (☆☆kit, 5935-570-1380) (7527648)	ea	50		
				P	O	5935-771-6523	CONTACT, ELECTRICAL: elec, solder, beryllium cop, sil-pltd, cont size 0.1750 overall lg (☆☆kit, 5935-570-1380) (7716523)	ea	2		
				P	O	5935-771-6525	CONTACT, ELECTRICAL: elec, solder, beryllium cop, sil-pltd, cont size 4. 1.438 overall lg (☆☆kit, 5935-570-1380) (7716525)	ea	6		
				P	O	5935-491-8193	CONTACT, ELECTRICAL: female connector, no. 16 awg wide boss (☆☆kit, 5935-570-1380) (77820-10-40554)	ea	50		

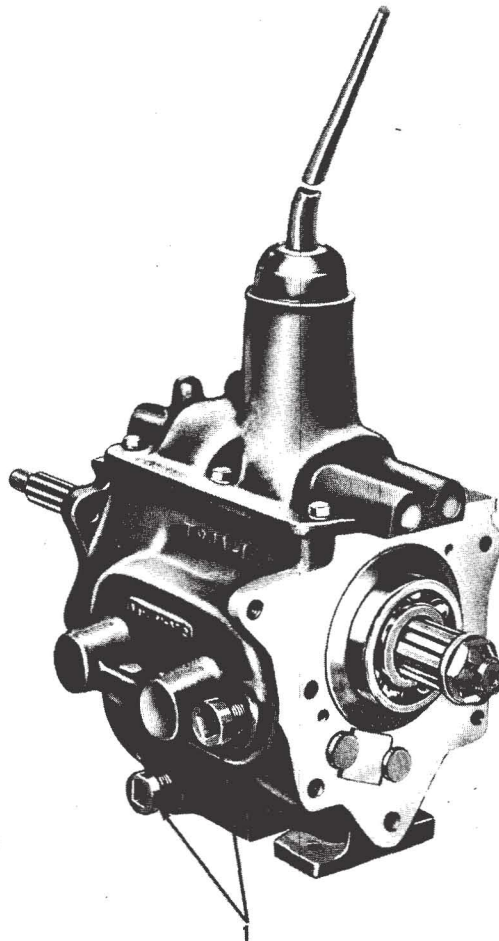
(1) ILLUST		(2) SOURCE, MAINT AND RECOVERABILITY CODE				(3) FEDERAL STOCK NO	(4) DESCRIPTION	(5) UNIT OF ISSUE	(6) QTY INC IN UNIT	(7) 15-DAY MAINT ALW PER 100 EQUIP	
(a) FIG NO	(b) ITEM NO	(a) MATERIEL CODE	(b) SOURCE	(c) MAINTENANCE LEVELS	(d) RECOVERABILITY				(a) CO OR BTRY	(b) CO SEP BN OR RECT	
06 - ELECTRICAL SYSTEM - Continued											
0613 - CHASSIS WIRING (NON-ILLUSTRATED ITEMS) - Continued											
				P	O	9150-234-5198	CUTTING OIL: soluble (VV-C-846) 2-oz bottle, 1-oz cutting oil and 1-oz water (☆☆kit 5935-570-1060)	ea	1		
				P	O	5940-057-2930	FERRULE, ELECTRICAL CONDUCTOR: snap type, br, sil-pltd, 15 amp, no. 12 awg cable (☆☆kit, 5935-570-1060) (572930)	ea	50		
				P	O	5940-057-2929	FERRULE, ELECTRICAL CONDUCTOR: snap type, br, sil-pltd, 15 amp, no. 14 awg cable (☆☆kit, 5935-570-1060) (572929)	ea	125		
				P	O	5940-057-2931	FERRULE, ELECTRICAL CONDUCTOR: snap type, br, sil-pltd, 15 amp, no. 16 awg cable (☆☆kit, 5935-570-1060) (572931)	ea	30		
				P	O	5330-641-4338	GASKET: electrical connector, 0.875 id, 1.188 w, 0.031 thk (☆☆kit, 5935-570-1380) (7358502)	ea	5		
				P	O	5935-593-6442	GASKET: rubber, electrical connector 0.750 in. id, 1.094 in. sq, four 0.172 in. screw holes (☆☆kit, 5935-570-1380) (77820-10-40450-12S)	ea	5		
				P	O	5935-396-0068	GASKET: rubber, electrical connector 1.000 in. id, 1.281 in. sq, four 0.172 in. screw holes (☆☆kit, 5935-570-1380) (77820-10-40450-16S)	ea	5		
				P	O	5330-641-4336	GASKET: rubber, electrical connector 1.375 in. id, 1.625 in. sq, four 0.203 in. screw holes (☆☆kit, 5935-570-1380) (77820-10-40450-22)	ea	5		
				P	O	5330-599-6089	GASKET: rubber, electrical connector 1.750 in. id, 2.000 in. sq, four 0.203 in. screw holes (☆☆kit, 5935-570-1380) (77820-10-40450-28S)	ea	5		
				P	O	5935-752-7630	GROMMET, RUBBER: electrical connector one cable hole, 0.310 in. id, 0.625 in. od (☆☆kit, 5935-570-1380) (77820-10-40817-12)	ea	1		
				P	O	5325-090-5426	GROMMET, RUBBER: electrical connector twelve 0.118 in. cable holes, 1.360 in. od (☆☆kit, 5935-570-1380) (77820-10-40828-51S)	ea	2		
				C	O	5325-631-6886	GROMMET RUBBER: electrical connector four cable holes, one 0.350 in hole, one 0.225 in. hole, two 0.110 in. holes, 1 in. od (☆☆kit, 5935-570-1380) (77820-10-40822-54)	ea	2		
				P	O	6Z16-674-6	GROMMET: waterproof cable connector, no. 16 awg cable (☆☆kit, 5935-570-1060) (6Z1667-46)	ea	30		
				P	O	5975-334-2749	GROMMET, RUBBER: electrical connector (three 0.268 in. cable holes, 1 in. od) (☆☆kit, 5935-570-1380) (77820-10-40822-56)	ea	2		
				P	O	6Z16-674-2	GROMMET: waterproof cable connector, 2 no. 16 awg cables (☆☆kit, 5935-570-1060) (6Z1667-42)	ea	3		
				P	O	6Z16-674-4	GROMMET: waterproof cable connector, 2 no. 12 awg cables (☆☆kit, 5935-570-1060) (6Z1667-44)	ea	2		
				P	O	6Z16-674-7	GROMMET: waterproof cable connector, no. 12 awg cable (☆☆kit, 5935-570-1060) (6Z1667-47)	ea	50		
				P	O	5935-772-2344	INSERT, ELECTRICAL CONNECTOR: electrical connector three 0.140 in. cable holes, 0.625 in. od (☆☆kit, 5935-570-1380) (77820-10-40817-10)	ea	2		

(1) ILLUST		(2) SOURCE, MAINT AND RECOVERABILITY CODE				(3) FEDERAL STOCK NO	(4) DESCRIPTION	(5) UNIT OF ISSUE	(6) QTY INC IN UNIT	(7) 15-DAY MAINT ALW PER 100 EQUIP	
(a) FIG NO	(b) ITEM NO	(a) MATERIAL CODE	(b) SOURCE	(c) MAINTENANCE LEVEL	(d) RECOVERABILITY				(a) CO OR BTRY	(b) CO SEP BN OR RECT	
							06 - ELECTRICAL SYSTEM - Continued				
							<u>0613 - CHASSIS WIRING (NON-ILLUSTRATED ITEMS) - Continued</u>				
			P	O		5975-697-6992	NUT, COUPLING, ELECTRICAL CONDUIT: hex, al, cd-pltd, 7/8-20NEF-2 x 1/2 overall thk short (☆☆kit, 5935-570-1380) (7527644)	ea	2		
			P	O		5975-333-3088	NUT, COUPLING, ELECTRICAL CONDUIT: 0.328 in. cable hole, 0.6250-24NEF-2 (☆☆kit, 5935-570-1380) (77820-60-37005-131)	ea	2		
			P	O		5975-697-6991	NUT, COUPLING, ELECTRICAL CONDUIT: hex, connector, 0.7500-20NEF-2 (☆☆kit, 5935-570-1380) (7527643)	ea	2		
			P	O		5310-697-7860	NUT: coupling, spanner, electrical connector 1.3750-18NEF-2 (☆☆kit, 5935-570-1380) (77820-10-40459-22)	ea	2		
			P	O		5975-771-6634	NUT COUPLING, ELECTRICAL CONDUIT: spanner, connector 1.7500-18NEF-2 (☆☆kit, 5935-570-1380) (77820-10-40459-28)	ea	4		
			P	O		5935-333-4222	NUT, BUSHING RETAINER, ELECTRICAL CONNECTOR: cd-pltd, 7/8-20NEF-2 x 15/16 knurled or w/8 tightening nuts (☆☆kit, 5935-570-1380)	ea	2		
			P	O		5935-333-9414	NUT BUSHING RETAINER ELECTRICAL CONNECTOR: grommet retaining, al, cd-pltd, 1-1/4-18NEF-2 x 1 knurled or 470-1380) (7723308)	ea	3		
			P	O		5935-772-3309	NUT, BUSHING RETAINING ELECTRICAL CONNECTOR: al, cd-pltd, 1-5/8-18NEF-2 x 1 light switch harness, plug (☆☆kit, 5935-570-1380) (7723309)	ea	3		
			P	O		5340-641-8645	PACKING, PREFORMED: 30 deg, cham, syn-ru, oil resistant, blk, 0.495 id, 0.715 od, 0.481 overall lg, F/no, 17 connector sealing, electrical connector (☆☆kit, 5935-570-1380) (7527647)	ea	1		
			P	O		5340-514-4455	PACKING, PREFORMED: 30 deg, cham, syn-ru, oil resistant, blk, 0.620 id, 1.057 od, 0.717 overall lg, F/no, 22 connector sealing, electrical connector (☆☆kit, 5935-570-1380) (7716696)	ea	1		
			P	O		5340-514-4457	PACKING, PREFORMED: 30 deg, cham, syn-ru, oil resistant, blk, 0.682 id, 1.057 od, 0.697 overall lg, F/no, 22 connector sealing, electrical connector (☆☆kit, 5935-570-1380) (7716697)	ea	1		
			P	O		5935-771-6526	PIN: contact, electrical connector, male no. 8 awg (☆☆kit, 5935-570-1380) (77820-10-35531)	ea	8		
			P	O		5935-752-7649	PIN: contact, electrical connector, male no. 16 awg (☆☆kit, 570-1380) (77820-10-40553)	ea	50		
			P	O		5935-752-7651	PIN: contact, electrical connector, male no. 16 awg wide boss (☆☆kit, 5935-570-1380) (77820-10-40555)	ea	50		
			P	O		5935-771-6524	PIN: electrical connector, solder, tellurium cop, sil-pltd, 0.224 prong dia, 1.438 overall lg size 4 (☆☆kit, 5935-570-1380) (7716524)	ea	6		
			P	O		5935-368-4852	PIN: electrical connector, solder, tellurium cop, sil-pltd, 0.224 prong dia, 1.438 overall lg size 0 (☆☆kit, 5935-570-1380) (7716522)	ea	2		
			P	O		5935-491-8194	PLUG, TIP: solderless, tellurium cop, sil-pltd, 0.0619 prong dia, 1.250 overall lg size 16 m long (☆☆kit, 5935-570-1380) (7527653)	ea	50		

(1) ILLUST		(2) SOURCE, MAINT AND RECOVERABILITY CODE				(3) FEDERAL STOCK NO	(4) DESCRIPTION	(5) UNIT OF ISSUE	(6) QTY INC IN UNIT	(7) 15-DAY MAINT ALW PER 100 EQUIP	
(a) FIG NO	(b) ITEM NO	(a) MATERIEL CODE	(b) SOURCE	(c) MAINTENANCE LEVEL	(d) RECOVERABILITY					(a) CO OR BTRY	(b) SEP BN OR RECT
							06 - ELECTRICAL SYSTEM - Continued				
							0613 - CHASSIS WIRING (NON-ILLUSTRATED ITEMS) - Continued				
				P	O	5935-752-7655	PLUG, TIP: solderless, tellurium cop, sil-pltd, 0.0942 prong dia, 1.438 overall lg size 12 (☆☆kit, 5935-570-1380) (7527655)	ea	50		
				P	O	5330-514-4461	RETAINER, PACKING: 30 deg-ck, al, cd-pltd, 0.516 id, 0.710 od, 0.082 overall lg (☆☆kit, 5935-570-1380) (7527642)	ea	2		
				P	O	5330-514-4460	RETAINER, PACKING: 30 deg-ck, al, cd-pltd, 0.641 id, 1.052 od, 0.143 overall lg (☆☆kit, 5935-570-1380) (7716715)	ea	2		
				P	O	5330-514-4462	RETAINER, PACKING: 30 deg-ck, al, od-pltd, 0.703 id, 1.052 od, 0.125 overall lg (☆☆kit, 5935-570-1380) (7716716)	ea	2		
				P	O	5935-300-9909	SHELL: connector, S, clvd, part for female assembly of waterproof single conductor connector 2-wire, mates w/shell, 5935-030-1562 douglas 6545 or equal (☆☆kit, 5935-570-1060)	ea	66		
				P	O	5935-030-1564	SHELL: connector, S, glvd, part of female assembly of waterproof "Y" type three conductor connector, mates w/shell, 5935-030-1563 (douglas mfg. div. 6554 or equal) (☆☆kit, 5935-570-1060)	ea	4		
				P	O	5935-030-1563	SHELL: connector, S, glvd, part of male assembly of waterproof "Y" type three conductor, mates w/shell, 5935-030-1564 (douglas mfg. div. 6553 or equal) (☆☆kit, 5935-570-1060)	ea	4		
				P	O	5935-030-1562	SHELL: connector, S, glvd, part for male assembly of waterproof single conductor connector (2-wire) mates w/shell, 5930-030-1561 (douglas 6546 or equal) (☆☆kit, 5935-570-1060) (61257-6546)	ea	172		
				P	O	5935-283-3385	SPLICE, CONDUCTOR: snap term type, sgle-conductor (☆☆kit, 5935-570-1060) (81257-6547)	ea	30		
				P	O	5935-771-6527	SOCKET: contact, electrical connector, female no. 8 awg (☆☆kit, 5935-570-1380) (77820-10-35532)	ea	8		
				P	O	6810-264-8983	THINNER: methyl-ethyl-ketone (TT-M-261) 3 oz bottle (☆☆kit, 5935-570-1380)	ea	1		
				P	O	5330-514-4458	WASHER, RECESSED: gland, electrical connector 0.953 id, 0.365 od, 0.144 thk (☆☆kit, 5935-570-1380) (7716718)	ea	2		
				P	O	5310-752-7640	WASHER, SPRING TENSION: S, cd-pltd, 1/2 screw size 0.516 id, 0.656 od, 0.040 thk 2 leaves (☆☆kit, 5935-570-1380) (7527640)	ea	5		
				P	O	5310-752-7639	WASHER, SPRING TENSION: S, cd-pltd, 1/4 screw size 0.266 id, 0.438 od, 0.032 thk 4 leaves (☆☆kit, 5935-570-1380) (7527639)	ea	10		
				P	O	5310-771-6721	WASHER, SPRING TENSION: waved, electrical connector 0.766 id, 0.998 od, 0.020 thk (☆☆kit, 5935-570-1380) (7716721)	ea	10		

(1) ILLUST		(2) SOURCE, MAINT AND RECOVERABILITY CODE				(3) FEDERAL STOCK NO	(4) DESCRIPTION	(5) UNIT OF ISSUE	(6) QTY INC IN UNIT	(7) 15-DAY MAINT ALW PER 100 EQUIP	
(a) FIG NO	(b) ITEM NO	(a) TECHNICAL SERVICE NO	(b) SOURCE	(c) MAINTENANCE LEVEL	(d) RECOVERABILITY				(a) CO OR BTRY	(b) CO SEP BN OR RECT	
							06 - ELECTRICAL SYSTEM - Continued				
							<u>0613 - RADIO SUPPRESSION (NON-ILLUSTRATED ITEMS)</u>				
			P	O		5975-322-9865	FERRULE, ELECTRICAL CONDUCTOR: tnd-cop, (fig. 41) for 3/4 in. braided strap (ground strap) (504804)	ea	1		
							<u>0613 - CHASSIS WIRING HARNESS (Fig. 41)</u>				
			P	O		5340-282-7522	CLAMP, ELECTRICAL: loop type, S, phos-ctd, 5/16 od tube, hole for 1/4 bolt (137189)	ea	1		
41	10		P	O		6145-772-0853	CABLE: low tension, waterproof, stranded, shielded, no. 14 awg. 0.160 in. dia blackout driving light extension 21 in. ft (7720853) (80244-15-C-2165-170)	ft	≠		
41	11		C	O		5340-704-7998	CLIP: blackout headlight harness to fender (7047998)-----	ea	1		
			X2	O		2920-040-2590	COVER: hole, auxiliary power receptacle (8329985) -----	ea	1		
41	13		P	O		5340-049-4235	FASTENER: clip, type B, S, cd- or zn-pltd, 3/8 in. cable wiring harness headlight cable to upper air deflector (2) light switch front wiring harness to fender splasher (3), and switch front wiring harness to dash panel (1) (432653)	ea	6		
							<u>0617 - TRAILER COUPLINGS (ELECTRIC)</u>				
							<u>(NON-ILLUSTRATED ITEMS)</u>				
			P	O		5935-773-1428	COVER, TRAILER RECEPTACLE: w/hinge, assy (M38A1 and M170) (7731428)	ea	1		
			P	O		5935-699-7827	CONNECTOR, RECEPTACLE, ELECTRICAL: waterproof inter-vehicular assy (8376209)	ea	1		
			P	O		5305-044-6609	SCREW, ASSEMBLED WASHER: sltd-hex-hd, split lock-washer, S, cd- or zn-pltd, 1/4-20UNC-2 x 5/8 (446609)	ea	4		

(1) ILLUST		(2) SOURCE, MAINT AND RECOVERABILITY CODE				(3) FEDERAL STOCK NO	(4) DESCRIPTION	(5) UNIT OF ISSUE	(6) QTY INC IN UNIT	(7) 15-DAY MAINT ALW PER 100 EQUIP	
(a) FIG NO	(b) ITEM NO	(a) MATERIEL CODE	(b) SOURCE	(c) MAINTENANCE LEVEL	(d) RECOVERABILITY				(a) CO OR BTRY	(b) CO SEP BN OR REGT	
42	1	C	O			4730-737-2879	07 - TRANSMISSION 0701 - TRANSMISSION FILLER PLUGS (Fig. 42) PLUG, PIPE: filler and drain 1/2 in. (7372879)-----	ea	2		



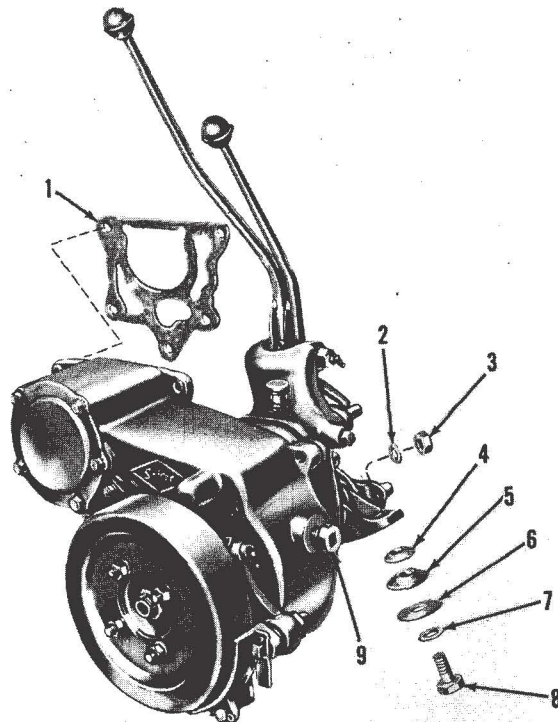
1 2 3 4 5 6
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ORD. E64886

Figure 42. Transmission filler plugs

(1) ILLUST		(2) SOURCE, MAINT AND RECOVERABILITY CODE				(3) FEDERAL STOCK NO	(4) DESCRIPTION	(5) UNIT OF ISSUE	(6) QTY INC IN UNIT	(7) 15-DAY MAINT ALW PER 100 EQUIP	
(a) FIG NO	(b) ITEM NO	(a) MATERIEL CODE	(b) SOURCE	(c) MAINTENANCE LEVEL	(d) RECOVERABILITY					(a) CO OR BTRY	(b) CO SEP BY CO RECT
							08 - TRANSFER ASSEMBLY				
							<u>0801 - TRANSFER ASSEMBLY AND RELATED PARTS (Fig. 43)</u>				
43	1		C O			2520-737-2878	GASKET: transfer case to transmission (☆☆gasket set, 2520-737-5080) (7372878)	ea	1		
43	2		P O			5310-013-1016	WASHER, FLAT: lt, S, cd- or zn-chromate-fin., 21/32 id, 1-5/16 od, 0,095 thk, for 5/8 screw size case support (131016)	ea	1		
43	3		P O			5310-655-9371	NUT, PLAIN, HEXAGON: S, cd- or zn-pltd, 1/2-29UNF-2B, 3/4 w, 7/16 thk (96906-35690-825)	ea	1		
43	4		C O			2520-737-5082	SNUBBER: case support insulator (7375082) -----	ea	1		
43	5		C O			2520-737-5081	INSULATOR: case support (7375081)-----	ea	1		
43	6		C O			5310-495-9515	CUP: retaining, case support insulator (7371037)	ea	1		
43	7		P O			5310-197-3316	WASHER, FLAT: lt, S, cd- or zn-chromate-fin., 17/32 id, 1-1/16 od, 0,095 thk, for 1/2 screw size (7375153)	ea	1		
43	8		C O			5306-737-1759	BOLT SHOULDER: hex-hd, S, 1/2-20NC-3 (7371759) -----	ea	1		
43	9		C O			4730-737-2879	PLUG, PIPE: drain and filler 1/2 in. (7372879)-----	ea	2		

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Figure 43. Transfer assembly and related parts