

SPARE PARTS CAT

TRUCK 1/4-TON

MODEL CJ 3B-J4

CJ 3B-J4C

REF. TM J9-6

TM J9-16

SPARE PARTS C

SEPTEMBER 1

SPARE PARTS CATALOG 601

TRUCK 1/4-TON, 4x4

MODEL CJ 3B-J4 (12VOLT)

CJ 3B-J4C (24VOLT)

REF. TM J9-601

TM J9-1601

SPARE PARTS CATALOG

SEPTEMBER 1959

GENERAL INFORMATION

1. This parts catalog contains all service parts for Jeep, 1/4ton, 4×4, type CJ3B-J4 and CJ3B-J4C.
2. Type CJ3B-J4 and type CJ3B-J4C vehicle shall be equipped with 12volt, 24 volt electrical systems respectively.
3. The parts listed in this catalog are divided into groups as shown on pages 1 and 2 under Group Index.
4. The column of "No.required" on each pages shows the quantity required for each type, J4 and J4C separately.
5. Both Numerical index and Alphabetical index are compiled at the end and the parts numbers in numerical index listed by each group as J, JM, J-A, J-GM.
6. The following abbreviations are used in this parts catalog.

Ass'y	Assembly	O.S.	Over size
Ctsk.	Countersunk	R.H.	Right hand
Fl.	Flat	R.H.T.	Right hand thread
Hd.	Head	Rd.	Round
Hex,	Hexagon	Req'd	Required
In.or"	Inch	Sq'	Square
L.H.	Left hand	Std.	Standard
L.H.T.	Left hand thread	U.S.	Under size
mm	Millimeter	V.	Volt.
No.	Number		
7. Components of Kits, Sets and Assemblies. Whenever any doubt exists as to what items are included as components of kits, sets, or assemblies, an explanatory note or complete listing of such components is shown.

8. Special Information. Common item interchangeability may be determined by making reference to Ordnance SM9-3-1 Series catalogs titled "Cross-Reference of Reference Numbers," and/or "The Cross-Reference List to Consolidated Authorized MAP Support List."

9. How to Find Parts. This manual is arranged and cross-indexed so that parts can be easily found even though only one of several identifying factors may be known. Parts may be located and identified by the following methods:

(a) If the nomenclature (basic noun-name) is known, refer to the alphabetical index in the back of the catalog. The alphabetical index will give the page numbers on which the part is listed, figure key number and complete nomenclature.

(b) If the part number is known, refer to the numerical index in the back of the catalog.

(c) If the use, function, or location of the part is known, refer to the illustration index in the front of the catalog to determine in which plate or plates the part is likely to appear; then, turn to the page on which the plate is listed as appearing. Arrows pointing to the various parts making up the illustration will indicate the part code letter (key number) which will permit locating the complete listing of the part.

Key	Parts No.	Nomenclature	No. Req'd	
			J4	J4C
ENGINE				
JM61000		Engine ass'y complete with clutch	1	
JM63148		Engine ass'y complete with clutch		1
J-810585		Gasket set, engine overhaul	1	1
		Consists of :		
J-641096		1 Gasket, cylinder block front		
J-807036		1 Gasket, cylinder head		
J-648795		2 Gasket, exhaust manifold (ends)		
J-648935		1 Gasket, exhaust manifold (center)		
J-634814		1 Gasket, exhaust pipe flange		
J-638737		2 Gasket, fuel pump to block		
J-630365		1 Gasket, gear cover		
J-648970		1 Gasket, insulator carburetor		
J-630398		1 Gasket, oil float support		
J-639980-1		1 Gasket, oil pan		
J-641482		1 Gasket, cover		
J-634813		1 Gasket, oil pump relief spring retainer		
J-806515		1 Gasket, drain plug		
J-646147		1 Gasket, oil pump to cylinder block		
J-630305		1 Gasket, valve spring cover		
J-51875		4 Gasket, valve cover and rocker cover stud		
J-648798		1 Gasket, rocker arm cover		
J-630299		1 Gasket, ventilator to valve cover		
J-648852		1 Gasket, water outlet elbow		
J-637053		1 Gasket, water pump to cylinder block		
JM60340		2 Packing, rear bearing cap		
J-906459		2 Oil seal, rocker arm cover		
J-647468		1 Oil seal, crankshaft front end		
J-800093		2 Seal, crankshaft rear bearing		

Key	Parts No.	Nomenclature	No. Req'd	
			J4	J4C

ENGINE (Continued)

J-801344	Gasket set, engine valve job	1	1
	Consists of :		
J-648970	1 Gasket, insulator carburetor		
J-807036	1 Gasket, cylinder head		
J-648795	2 Gasket, exhaust manifold (ends)		
J-648935	1 Gasket, exhaust manifold (center)		
J-634814	1 Gasket, exhaust pipe flange		
J-51875	4 Gasket, valve cover and rocker cover stud		
J-648798	1 Gasket, rocker arm cover		
J-630305	1 Gasket, valve spring cover		
J-630299	1 Gasket, ventilator to valve cover		
J-648852	1 Gasket, water outlet elbow		
J-906459	2 Oil seal, rocker arm cover		

CYLINDER BLOCK, FLYWHEEL HOUSING AND GEAR COVER

1	J-906113	Indicator, timing	1	
2	J-GM-122119	Bolt, hex. hd.	9	9
	J-GM-138489	Washer, external tooth	9	9
3	J-GM-120369	Nut, hex.	4	4
	J-GM-138489	Washer, external tooth	4	4
4	J-643834-1	Cover, timing gear ass'y	1	1
5	J-630365	Gasket, gear cover	1	1
6	J-649919-1	Plate, engine front	1	1
7	J-GM-120384	Lockwasher	6	6
8	J-GM-120647	Bolt, hex. hd.	1	1
9	J-GM-123520	Bolt, hex. hd.	3	3
10	J-641096	Gasket, cylinder block front	1	1
11	J-376373	Plug, pipe	2	2
12	J-641050	Jet, oil, timing gear	1	1

CYLINDER BLOCK, FLYWHEEL HOUSING AND GEAR COVER

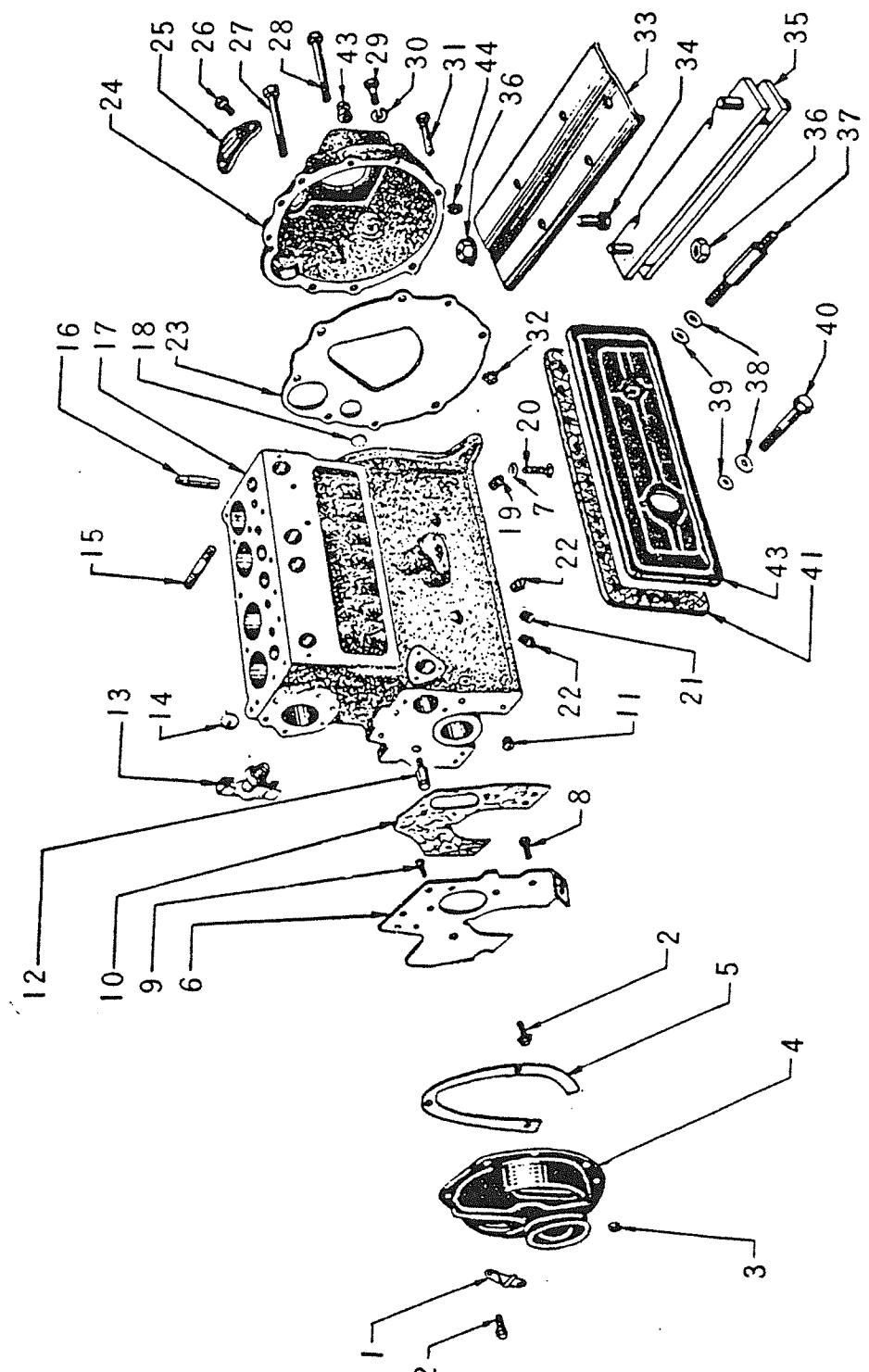


Fig. 1

Key	Parts No.	Nomenclature	No. Req'd	
			J4	J4C
CYLINDER BLOCK, FLYWHEEL HOUSING AND GEAR COVER (Continued)				
13	J-GM-103647	Cock, drain cylinder block	1	1
14	J-907878	Plug, expansion	5	5
15	J-635886	Stud, ignition coil	2	2
16	J-119137	Guide, exhaust valve	4	4
17	J-808398	Block and bearings, cylinder, ass'y	1	1
18	J-907879	Plug, expansion	1	1
19	J-805472	Plug, pipe	1	1
20	J-381519	Screw, bearing caps to crankcase	6	6
21	J-GM-103883	Plug, pipe	1	1
22	J-GM-103877	Plug, pipe	2	2
23	J-804381	Plate, engine rear	1	1
24	J-912799-1	Housing, flywheel	1	1
25	J-630103	Cover, inspection	1	1
26	J-GM-120706	Bolt, hex. hd.	2	2
	J-GM-120380	Lockwasher	2	2
27	J-GM-120669	Bolt, hex. hd.	2	2
28	J-804367	Bolt, dowel	2	2
29	J-GM-122267	Bolt, hex. hd.	4	4
30	J-GM-120383	Lockwasher	4	4
31	J-GM-120608	Bolt, hex. hd.	4	4
32	J-GM-120369	Nut, hex.	8	8
	J-GM-138489	Washer, external tooth	8	8
33	J-A-146	Bracket, engine mounting rear	1	1
34	J-GM-122104	Bolt, hex. hd.	4	4
	J-GM-120382	Lockwasher, spring	4	4
35	J-A-6156	Insulator, engine support rear	1	1
36	J-GM-120369	Nut, hex.	4	4
	J-GM-138489	Washer, external tooth	4	4
37	J-806348	Stud, exhaust valve cover rear	1	1
38	J-674993	Lockwasher	2	2

Key	Parts No.	Nomenclature	No. Req'd	
			J4	J4C

CYLINDER BLOCK, FLYWHEEL HOUSING AND GEAR COVER (Continued)

39	J-51875	Gasket, valve cover cap screw	2	2
40	J-645093	Screw, valve spring cover	1	1
41	J-630305	Gasket, valve spring cover	1	1
42	J-630303	Cover, valve spring	1	1
43	J-A-1395	Insulator	1	1
44	J-GM-103866	Plug, pipe	1	1

CYLINDER HEAD

1	J-805384	Clip, spark plug cable lower	1	1
2	J-GM-161895	Screw, clip to bracket	1	1
3	J-805383	Clip, spark plug cable upper	1	1
4	J-GM-120368	Nut, hex.	1	1
5	J-GM-446363	Washer, plain	2	2
6	J-808419	Bracket, spark plug cable	1	1
7	J-906459	Oil seal, rocker arm cover	2	2
8	JM60450	Cover, rocker arm	1	1
9	J-648798	Gasket, rocker arm cover	1	1
10	J-119138	Guide, intake valve	4	4
11	J-GM-103880	Plug, pipe	1	1
12	J-649708	Stud, rocker shaft support	4	4
13	J-GM-103877	Plug, pipe	1	1
14	J-800572	Head, cylinder, ass'y	1	1
15	J-807036	Gasket, cylinder head	1	1
16	J-649719	Hose, by-pass	1	1
17	J-GM-272780	Clamp, hose.....	2	2
18	J-649720	Nipple, hose by-pass	1	1
19	JM60100-1	Thermostat	1	1
20	J-648852	Gasket, water outlet fitting	1	1
21	J-804278	Fitting, water outlet, cylinder head	1	1
22	J-GM-120229	Bolt, hex. hd.	3	3

CYLINDER HEAD

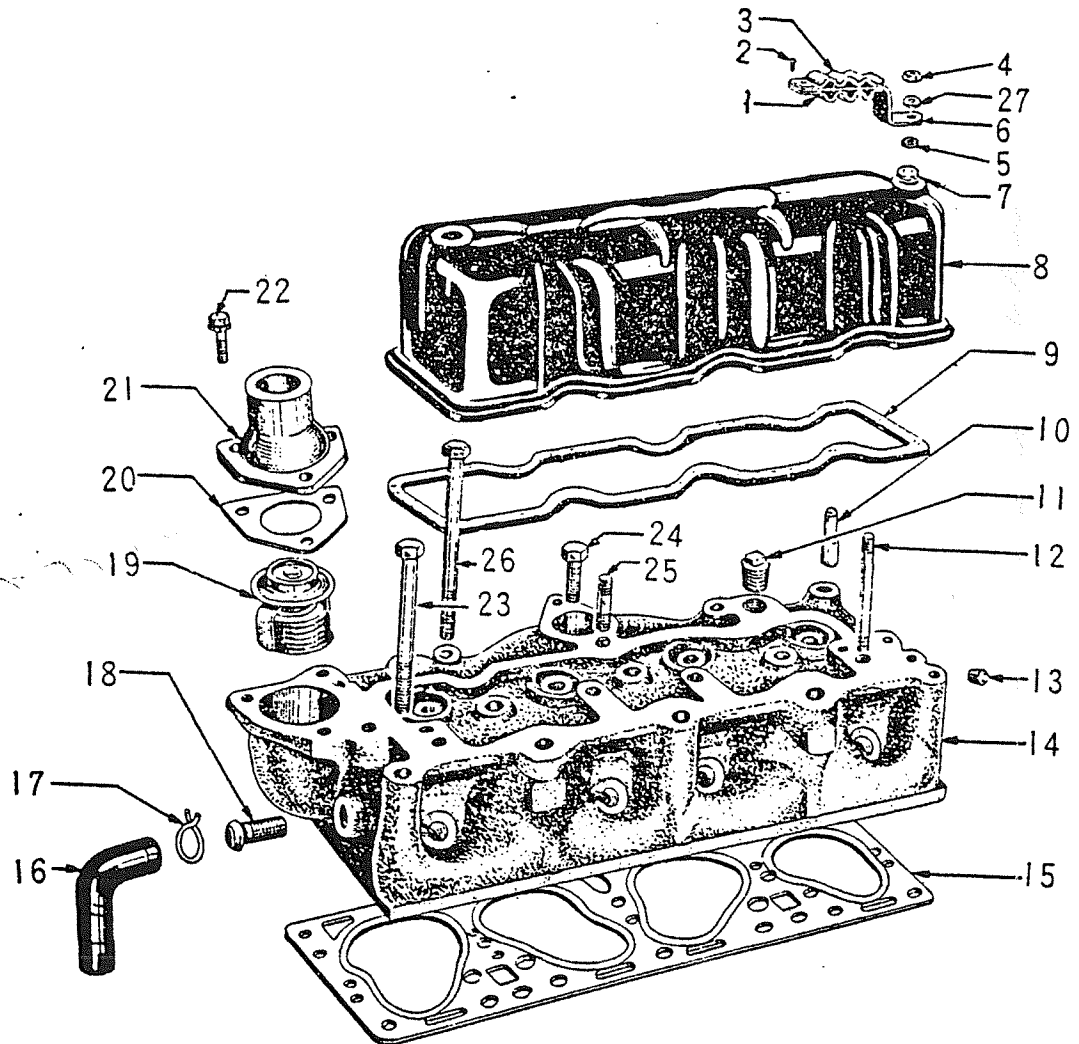


Fig. 2

Key	Parts No.	Nomenclature	No. Req'd	
			J4	J4C

CYLINDER HEAD (Continued)

	J-GM-120214	Lockwasher, spring	3	3
23	J-805730	Bolt, cylinder head	12	12
24	J-801000	Bolt, hex. hd.	1	1
25	J-GM-103195	Stud, carburetor mounting	2	2
26	J-806206	Bolt, cylinder head	2	2
27	J-GM-120393	Washer, plain	1	1

CRANKSHAFT, FLYWHEEL AND BEARINGS

1	J-387633	Nut, crankshaft pulley	1	1
2	J-GM-124549	Key, crankshaft pulley	1	1
3	J-808737	Pulley, crankshaft	1	
	JM60970	Pulley, crankshaft		1
4	J-647468	Oil seal, crankshaft front end	1	1
5	J-375877	Slinger, crankshaft oil	1	1
6	J-641281	Spacer, crankshaft gear	1	1
7	J-641282	Gear, crankshaft	1	1
8	J-GM-124552	Key, woodruff No.13	1	1
9	J-634796	Washer, thrust	1	1
10	J-630262	Shim, crankshaft	As req'd	As req'd
11	J-645160	Bearing set, crankshaft front STD.	1	1
	J-645163	Bearing set, crankshaft front .010" U.S.	1	1
	J-645166	Bearing set, crankshaft front .020" U.S.	1	1
	J-645169	Bearing set, crankshaft front .030" U.S.	1	1
12	J-645161	Bearing set, crankshaft center STD.	1	1
	J-645164	Bearing set, crankshaft center .010" U.S.	1	1
	J-645167	Bearing set, crankshaft center .020" U.S.	1	1
	J-645170	Bearing set, crankshaft center .030" U.S.	1	1
13	J-635377	Dowel, crankshaft bearing	5	5
14	J-646316-1	Crankshaft ass'y	1	1
15	JM60340	Packing, crankshaft bearing cap rear	2	2

CRANKSHAFT, FLYWHEEL AND BEARINGS

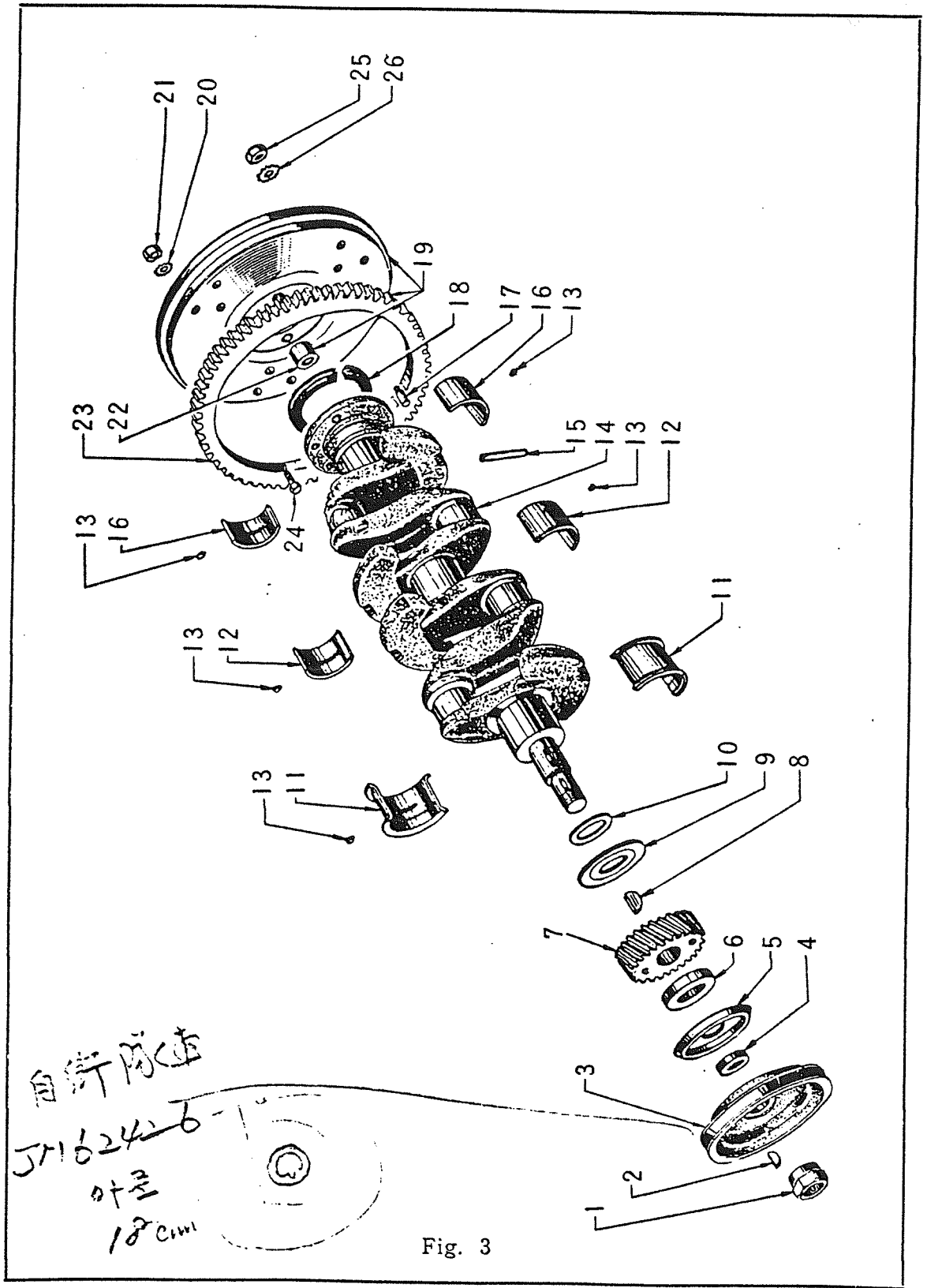


Fig. 3

Key	Parts No.	Nomenclature	No. Req'd	
			J4	J4C

CRANKSHAFT, FLYWHEEL AND BEARINGS (Continued)

16	J-645162	Bearing set, crankshaft rear STD.	1	1
	J-645165	Bearing set, crankshaft rear .010" U.S.	1	1
	J-645168	Bearing set, crankshaft rear .020" U.S.	1	1
	J-645171	Bearing set, crankshaft rear .030" U.S.	1	1
17	J-116295-1	Dowel, flywheel to crankshaft	2	2
18	J-800093	Seal, crankshaft rear bearing	2	2
19	J-804314-1	Flywheel ass'y	1	1
20	J-GM-138489	Lockwasher, external tooth	4	4
21	J-909393	Nut, hex.	4	4
22	J-639578	Bushing, flywheel clutch shaft	1	1
23	J-802925	Gear, flywheel ring	1	1
24	J-632157	Bolt, hex. hd.	4	4
25	J-GM-124934	Nut, dowel bolt	2	2
26	J-GM-135629	Lockwasher, dowel bolt	2	2
	J-647078-1	Kit, crankshaft and dowel bolt	1	1
		Consists of :		
	J-116295-1	2 Bolt, dowel crankshaft		
	J-646316-1	1 Crankshaft ass'y		
	J-GM-135629	2 Lockwasher, dowel bolt		
	J-GM-124934	2 Nut, dowel bolt		
	J-805454-1	Kit, flywheel and dowel bolt	1	1
		Consists of :		
	J-804314-1	1 Flywheel ass'y		
	J-116295-1	2 Bolt, dowel crankshaft		
	J-GM-124934	2 Nut, dowel bolt		
	J-GM-135629	2 Lockwasher, dowel bolt		
	J-A-6798	Bearing set, main bearing	1	1
		Consists of :		
	J-645160	1. Bearing set, crankshaft front STD.		
	J-645161	1. Bearing set, crankshaft center STD.		
	J-645162	1. Bearing set, crankshaft rear STD.		

Key	Parts No.	Nomenclature	No. Req'd	
			J4	J4C
CONNECTING ROD AND PISTON				
1	J-641768	Bolt, connecting rod cap	8	8
2	JM60222	Nut, stamped	8	8
3	J-641769	Nut, connecting rod cap bolt	8	8
4	J-641774	Rod, connecting, No.1 and No.3	2	2
	J-641775	Rod, connecting, No.2 and No.4	2	2
5	J-GM-120382	Lockwasher, piston pin screw	4	4
6	J-632157	Screw, lock, piston pin	4	4
7	J-801476	Piston and pin ass'y STD.	4	4
	J-801537	Piston and pin ass'y .010" O.S.	4	4
	J-801538	Piston and pin ass'y .020" O.S.	4	4
	J-801539	Piston and pin ass'y .030" O.S.	4	4
	J-801540	Piston and pin ass'y .040" O.S.	4	4
8	J-806145	Ring, piston third oil STD.	4	4
9	J-806144	Ring, piston second groove STD.	4	4
10	J-806143	Ring, piston top groove STD.	4	4
	J-809045	Ring set, piston STD.	1	1
	JM60182	Ring set, piston .010" O.S.	1	1
	J-809047	Ring set, piston .020" O.S.	1	1
	J-809048	Ring set, piston .030" O.S.	1	1
	J-809049	Ring set, piston .040" O.S.	1	1
11	J-636961	Pin, piston	4	4
12	J-A-7233	Bearing set, connecting rod STD.	4	4
	J-A-7234	Bearing set, connecting rod .010" U.S.	4	4
	J-A-7235	Bearing set, connecting rod .020" U.S.	4	4
	J-A-7236	Bearing set, connecting rod .030" U.S.	4	4
	J-807941	Bearing set, connecting rod STD.	1	1
Consists of :				
	J-A-7233	4 Bearing set, connecting rod STD.		

CONNECTING ROD AND PISTON

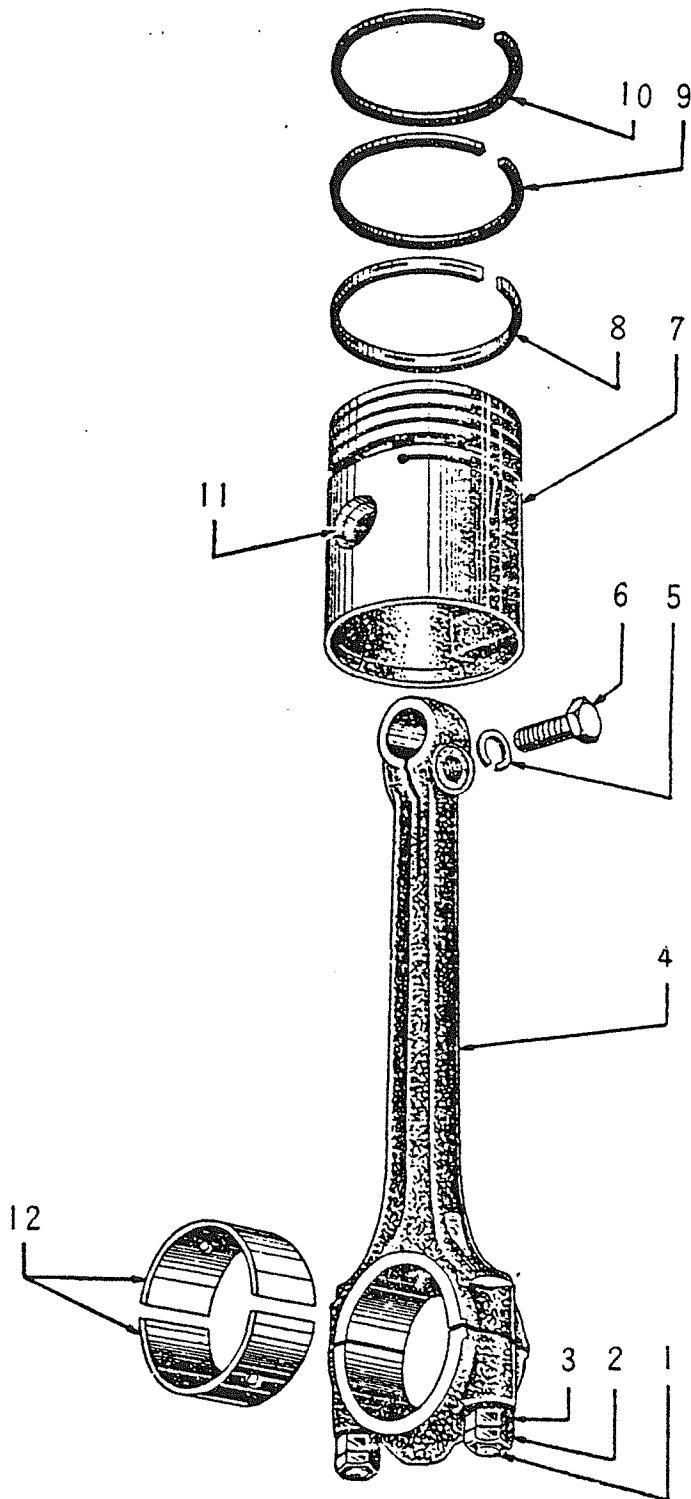


Fig. 4

Key	Parts No.	Nomenclature	No. Req'd	
			J4	J4C
VALVE, CAMSHAFT AND TIMING GEAR				
1	J-GM-120368	Nut, hex.	2	2
2	JM60223	Arm, rocker, left, ass'y	2	2
3	J-649666	Spring, rocker arm shaft	2	2
4	J-648803	Screw, lock, rocker shaft	2	2
5	J-805368	Shaft and plug, rocker arm	1	1
6	J-GM-124920	Nut, hex.	4	4
7	JM60224	Arm, rocker, right, ass'y	2	2
8	J-805374	Bracket, rocker arm shaft	4	4
9	J-800173	Screw, adjusting, inlet valve tappet	4	4
10	J-375994	Lock, inlet valve spring retainer	8	8
11	J-649751	Retainer, inlet valve spring	4	4
12	J-800986	Oil seal, inlet valve spring retainer	4	4
13	J-800417	Spring, inlet valve	4	4
14	J-804622	Rod, push, inlet valve	4	4
15	J-646421	Valve, inlet	4	4
16	J-800550-1	Tappet, inlet valve	4	4
17	J-800517	Camshaft	1	1
18	J-645595	Bushing, camshaft front	1	1
19	J-641049	Spacer, camshaft thrust plate	1	1
20	J-802576-1	Plate, thrust, camshaft	1	1
21	J-GM-122119	Bolt, hex. hd.	2	2
	J-GM-138489	Lockwasher, external tooth	2	2
22	J-GM-122260	Bolt, hex. hd.	1	1
23	J-GM-136857	Lockwasher, external tooth	1	1
24	J-642520	Washer, camshaft gear	1	1
25	J-641283	Gear, camshaft	1	1
26	J-GM-124549	Key, woodruff No.9	1	1
27	J-647071	Tappet, exhaust valve	4	4
28	J-640020	Screw, adjusting, exhaust valve tappet	4	4
29	J-643334	Lock, exhaust valve spring retainer	8	8

VALVE, CAMSHAFT AND TIMING GEAR

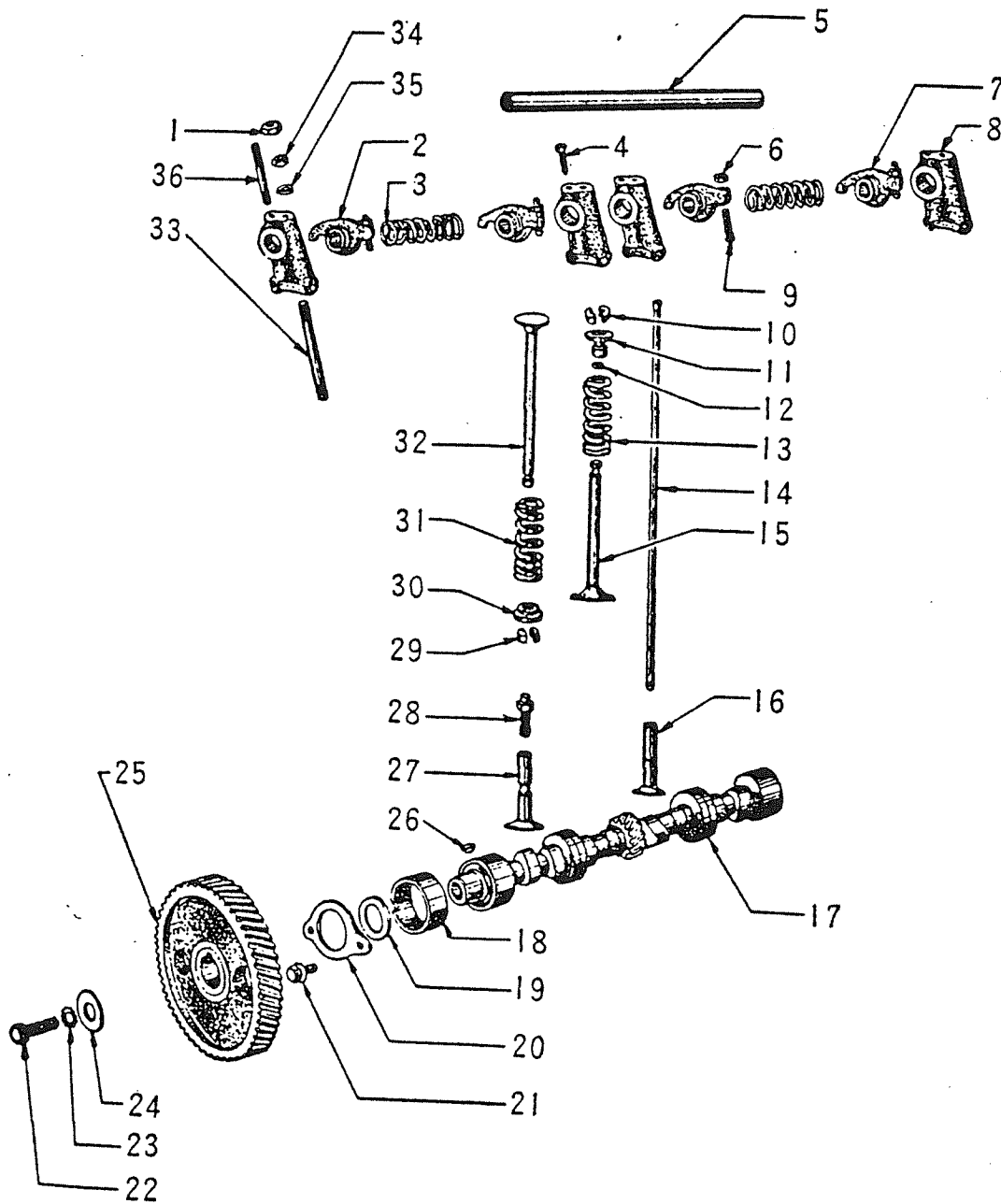


Fig. 5

Key	Parts No.	Nomenclature	No. Req'd	
			J4	J4C

VALVE, CAMSHAFT AND TIMING GEAR (Continued)

30	J-802587	Cap, roto, exhaust valve	4	4
31	J-638636	Spring, exhaust valve	4	4
32	J-802639	Valve, exhaust	4	4
33	J-649708	Stud, rocker shaft support	4	4
34	J-641769	Nut, special	4	4
35	J-800200	Washer, special.....	4	4
36	J-808097	Stud, rocker arm cover front	1	1
	JM60787	Stud, rocker arm cover rear	1	1

OIL PUMP

	J-804484-1	Pump, oil, ass'y	1	1
1	J-GM-120854	Bolt, hex. hd.	3	3
	J-GM-120380	Lockwasher	3	3
2	J-GM-122077	Bolt, hex. hd.	2	2
	J-GM-138485	Lockwasher, external tooth	2	2
3	J-641479	Cover, body	1	1
4	J-641482	Gasket, cover	1	1
5	J-641742-1	Shaft and rotors	1	1
6	J-GM-122017	Bolt, hex. hd.	1	1
	J-GM-120214	Lockwasher	1	1
7	J-804486-1	Body, oil pump	1	1
8	J-641047	Gear, driven	1	1
9	J-646147	Gasket, pump to cylinder block	1	1
10	J-330964	Pin, driven gear	1	1
11	J-630518	Plunger, oil relief	1	1
12	J-808385	Spring, oil relief plunger	1	1
13	J-634813	Gasket, oil relief spring retainer	1	1
14	J-630390	Retainer, oil relief spring	1	1
	J-643362-1	Kit, repair, oil pump	1	1

Consists of :

OIL PUMP

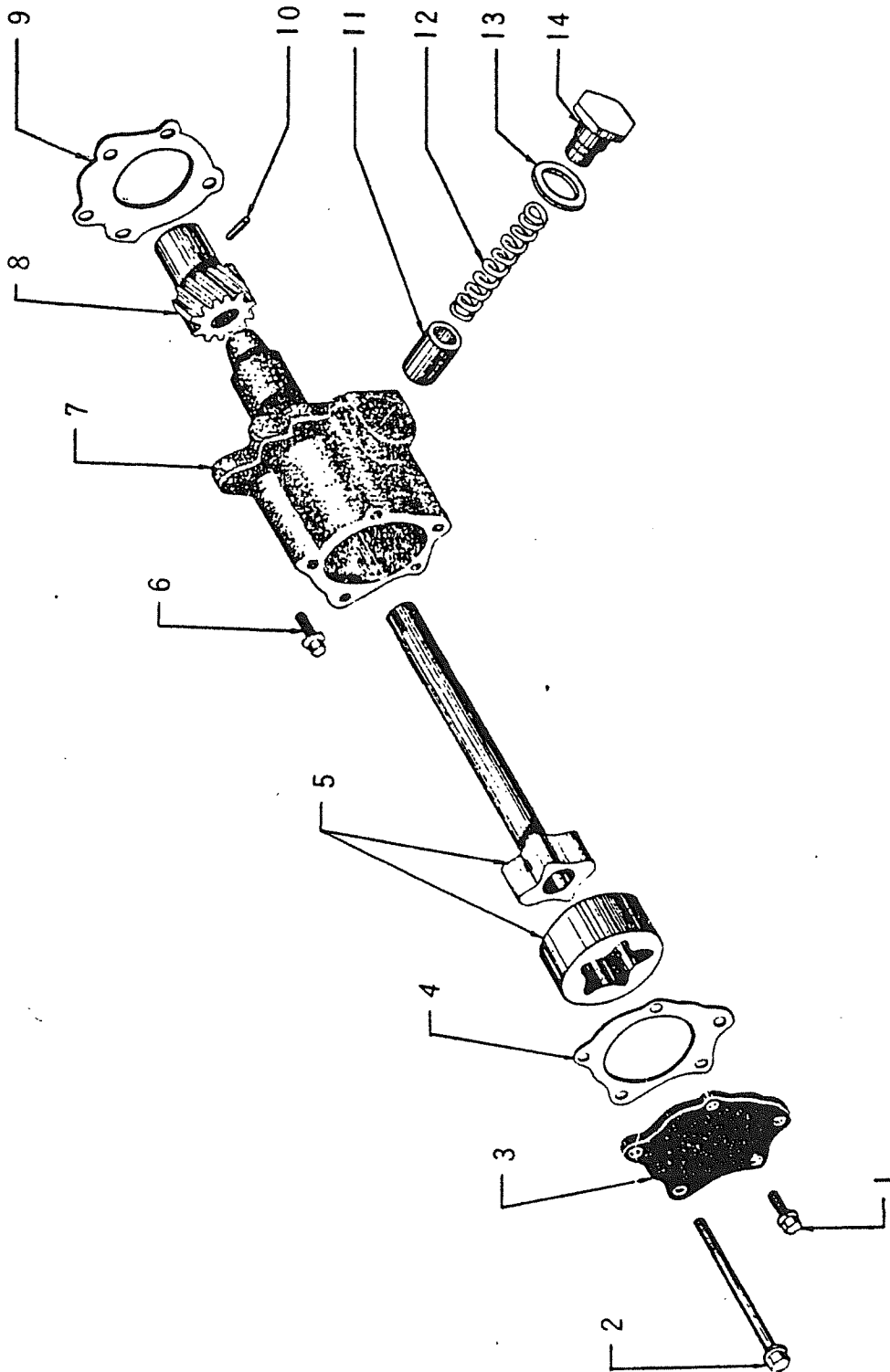


Fig. 6

Key	Parts No.	Nomenclature	No. Req'd	
			J4	J4C

OIL PUMP (Continued)

J-641482	1 Gasket, cover
J-634813	1 Gasket, oil relief spring retainer
J-641047	1 Gear, driven
J-330964	1 Pin, driven gear
J-641742-1	1 Shaft and rotors

OIL PAN, OIL FLOAT AND OIL FILLER

1	J-A-6525-1	Cap and level indicator ass'y	1	1
2	J-A-7280	Gasket, oil filler cap	1	1
3	J-808603	Tube, oil filler, ass'y	1	1
4	J-A-5105	Bracket, support, oil filler tube	1	1
5	J-GM-122017	Bolt, hex. hd.	1	1
	J-GM-120214	Lockwasher, spring	1	1
6	J-630398	Gasket, oil float	1	1
7	J-630397	Support, oil float	1	1
8	J-GM-120123	Pin, cotter	1	1
9	J-630396	Float, oil, ass'y	1	1
10	J-GM-137404	Connector	1	1
11	J-800549	Bracket, oil line clip	1	
12	J-GM-120706	Bolt, hex. hd.	1	1
13	J-GM-120380	Lockwasher	1	1
14A	J-645539	Fastener, tube, oil line to bracket	1	
14B	316161-0	Fastener, tube, oil line to bracket		1
15	J-648865	Tube, crankcase to cylinder head	1	1
16	J-GM-122007	Bolt, hex. hd.	2	2
	J-GM-120214	Lockwasher	2	2
17	J-GM-137420	Elbow, flared tube	1	1
18	J-639980-1	Gasket, oil pan	1	1
19	J-A-7238-1	Pan, oil	1	1
20	J-GM-120228	Bolt, hex. hd.	20	20

OIL PAN, OIL FLOAT AND OIL FILLER

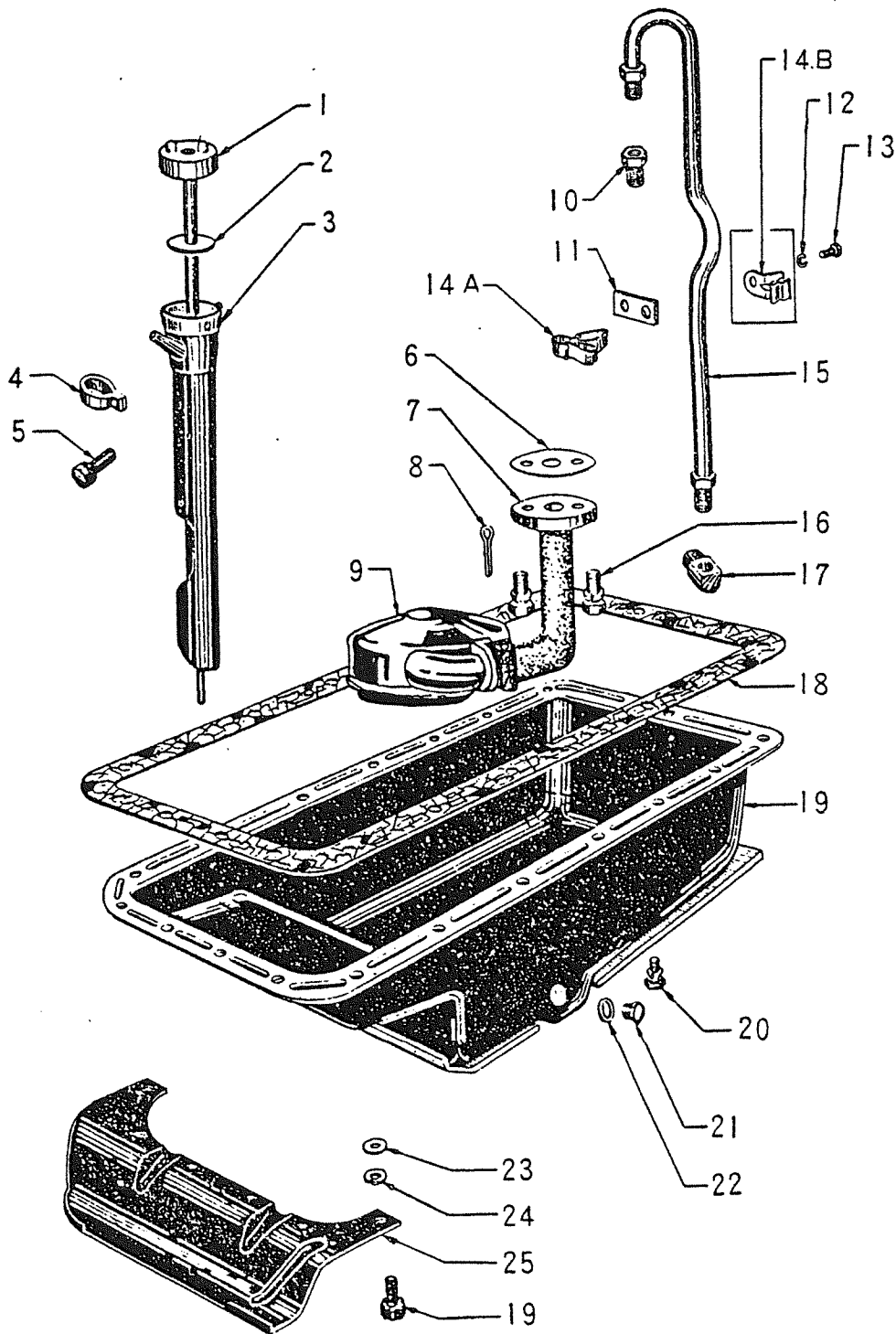


Fig. 7

Key	Parts No.	Nomenclature	No. Req'd	
			J4	J4C

OIL PAN, OIL FLOAT AND OIL FILLER (Continued)

	J-GM-138485	Lockwasher, external tooth	20	20
21	J-639979	Plug, drain, oil pan	1	1
22	J-806515	Gasket, drain plug	1	1
23	J-A-6701	Washer, retaining	6	6
24	J-A-1125	Washer, shield	6	6
25	J-A-1124-1	Shield, fan pulley	1	
	JM60971	Shield, fan pulley		1
	JM60981	Gasket set, oil pan	1	1
		Consists of :		
	J-639980-1	1. Gasket, oil pan		
	J-630398	1. Gasket, oil float support		
	J-806515	1. Gasket, drain plug		
	J-A-7280	1. Gasket, oil filler cap		
	JM60967	Plug, oil pan drain with gasket	1	1
		Consists of :		
	J-639979	1. Plug, drain, oil pan		
	J-806515	1. Gasket, drain plug		

OIL FILTER

	J-808042-1	Filter, oil, ass'y	1	1
1	J-119110	Screw, oil filter cover	1	1
2	J-118508	Gasket, cover screw	1	1
3	J-647343	Gasket, cover	1	1
4	JM60427	Element, oil filter	1	1
5	JM60428	Body, oil filter	1	1
6	J-GM-125859	Elbow, flared tube	1	1
7	J-GM-120741	Bolt, hex. hd.	3	3
8	J-802087	Bracket, oil filter	1	1
9	J-119774	Nut, clamp bolt	2	2
10	J-119775	Lockwasher, clamp bolt	2	2

OIL FILTER

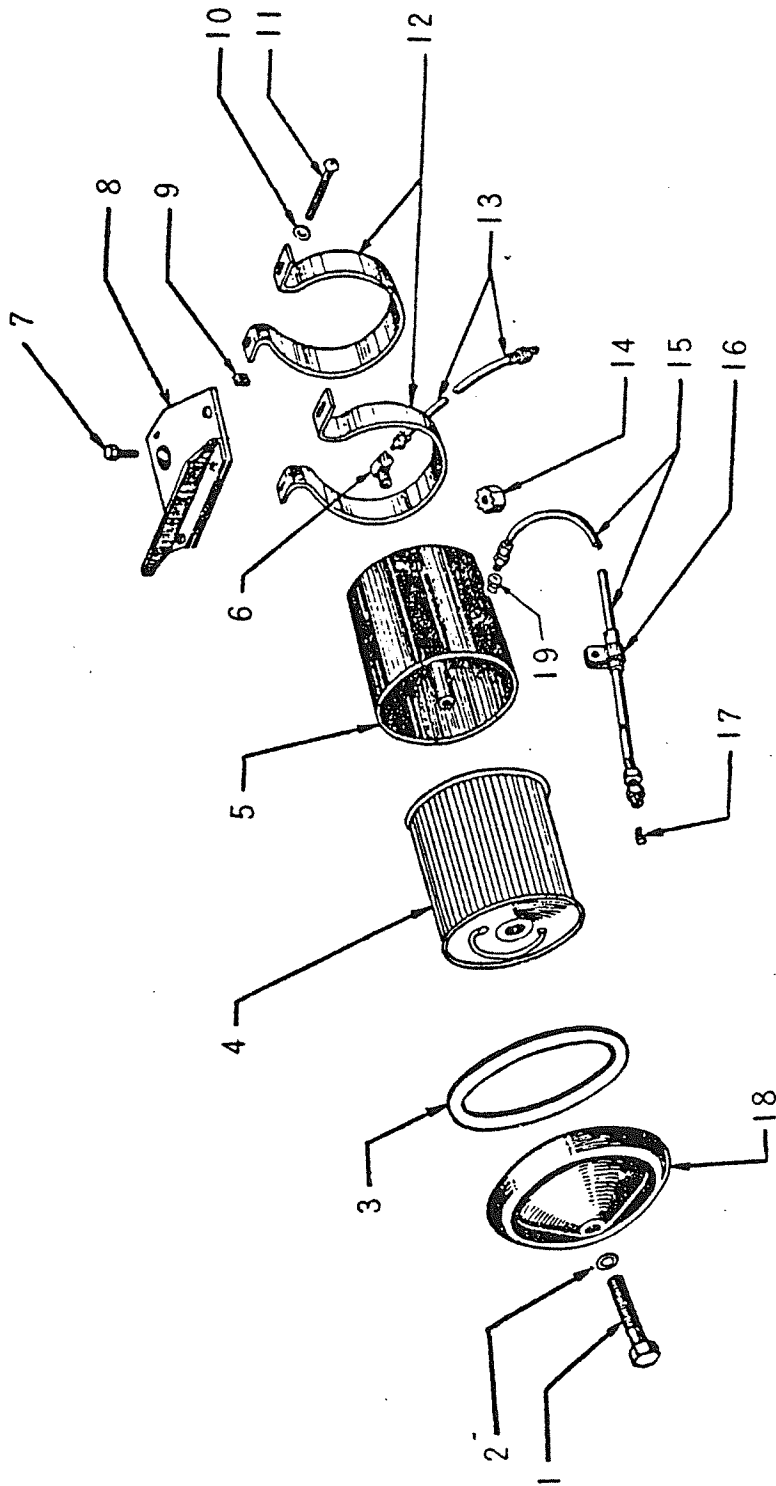


Fig. 8

EXHAUST MANIFOLD

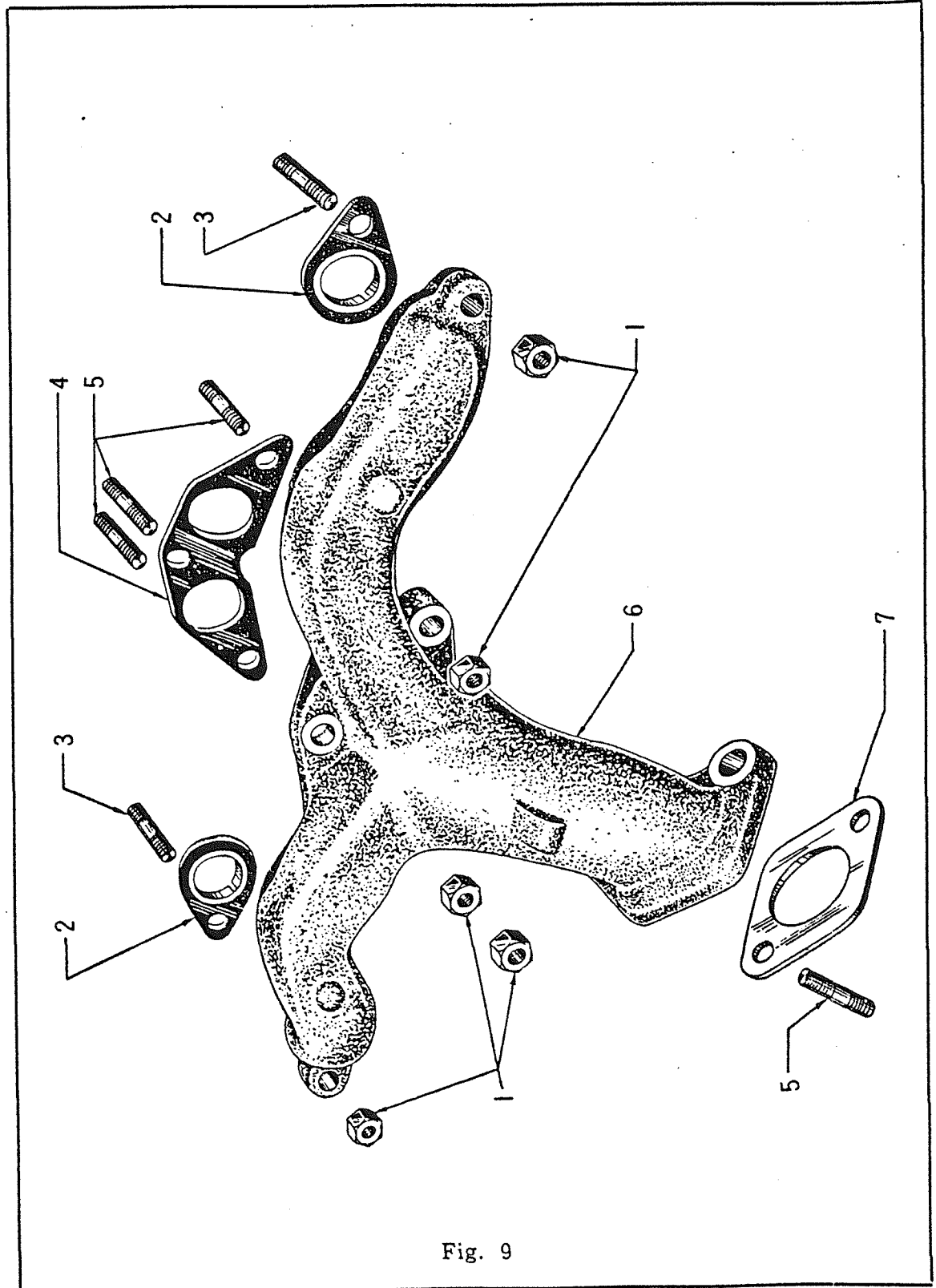


Fig. 9

Key	Parts No.	Nomenclature	No. Req'd	
			J4	J4C

OIL FILTER (Continued)

11	J-119773	Bolt, strap clamp	2	2
12	J-119772	Strap, oil filter	2	2
13	JM60409	Tube, oil filter outlet	1	1
14	J-GM-120368	Nut, hex.	4	4
	J-GM-138485	Lockwasher, external tooth	4	4
15	J-644406	Tube, oil filter inlet	1	1
16	J-GM-128302	Clip, inlet tube	1	1
17	J-GM-137421	Elbow, flared tube	1	1
18	J-118509	Cover, oil filter	1	1
19	J-GM-137405	Connector	1	1
	J-GM-122017	Bolt, hex. hd.	1	1
	J-GM-120214	Lockwasher, spring	1	1
	J-647345-1	Kit, oil filter element and gasket	1	1

Consists of :

JM60427	1 Element, oil filter
J-647343	1 Gasket, cover

EXHAUST MANIFOLD

1	J-53287	Nut, hex	5	5
2	J-648795	Gasket, exhaust manifold end	2	2
3	J-A-564	Stud	2	2
4	J-648935	Gasket, exhaust manifold center	1	1
5	J-GM-103196	Stud	4	4
6	J-648766-1	Manifold, exhaust	1	1
7	J-634814	Gasket, exhaust pipe flange	1	1
	J-801345	Gasket set, manifold	1	1

Consists of :

J-648935	1 Gasket, exhaust manifold center
J-648795	2 Gasket, exhaust manifold end
J-634814	1 Gasket, exhaust pipe flange

CLUTCH

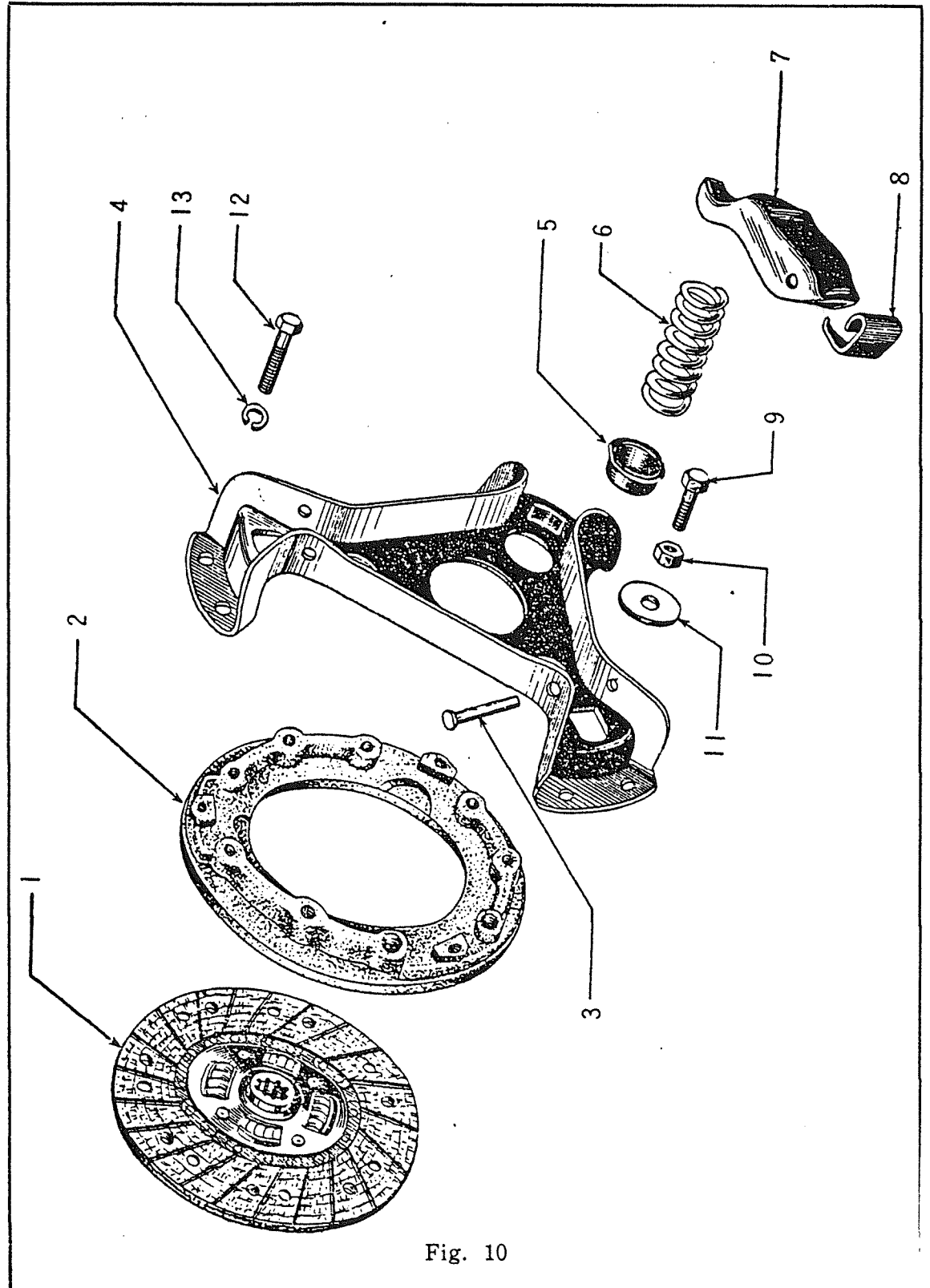


Fig. 10

Key	Parts No.	Nomenclature	No. Req'd J4	J4C
		CLUTCH		
	J-906467	Clutch ass'y (less driven plate)	1	1
1	J-642918	Plate and hub, driven clutch	1	1
2	J-805017	Plate, pressure	1	1
3	J-638159	Pin, pivot	3	3
4	J-640578	Bracket, clutch	1	1
5	J-638157	Cup, spring	3	3
6	J-906468	Spring, pressure	3	3
7	J-638158	Lever, release	3	3
8	J-805197	Clip, return	3	-
9	J-805014	Screw, adjusting	3	3
10	J-805016	Nut, jam	3	3
11	J-805015	Washer, adjusting screw	3	3
12	J-630129	Bolt, hex. hd.	6	6
13	J-GM-120638	Lockwasher	6	6
	J-640361	Facing, clutch driven plate front	1	1
	J-640360	Facing, clutch driven plate rear	1	1
	J-641695	Rivet, clutch facing to driven plate	16	16
	J-640636	Facing set, clutch driven plate	1	1
		Consists of :		
	J-640361	1 Facing, clutch driven plate front		
	J-640360	1 Facing, clutch driven plate rear		
	J-641695	20 Rivet, clutch facing to driven plate		
	J-804591	Kit, repair, clutch	1	1
		Consists of :		
	J-805015	3. Washer, adjusting screw		
	J-805016	3. Nut, jam		
	J-638158	3. Lever, release		
	J-805197	3. Clip, return		
	J-805014	3. Screw, adjusting		
	J-906468	3. Spring, pressure		
	J-638157	3. Cup, spring		
	J-638159	3. Pin, pivot		

CLUTCH LINKAGE

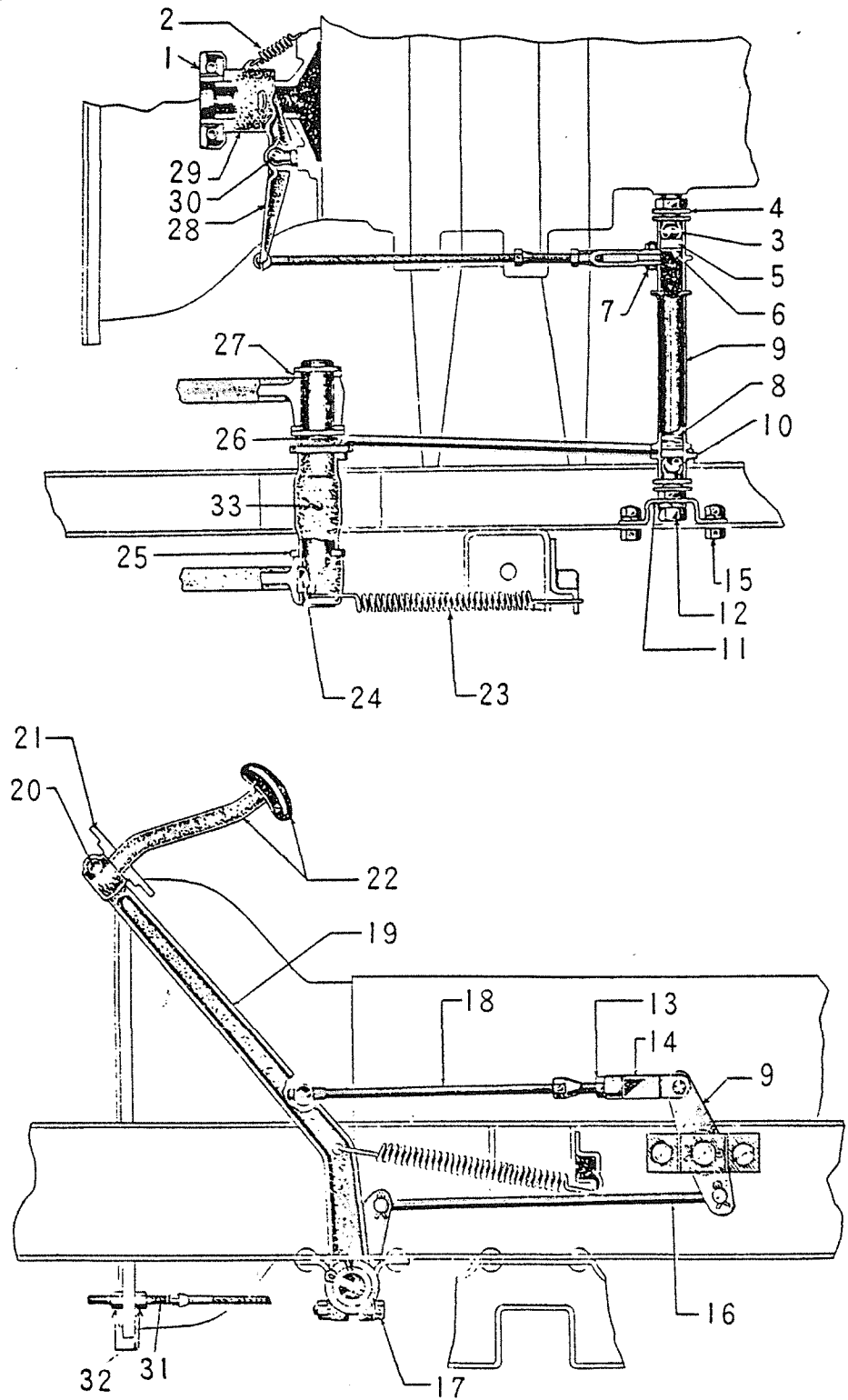
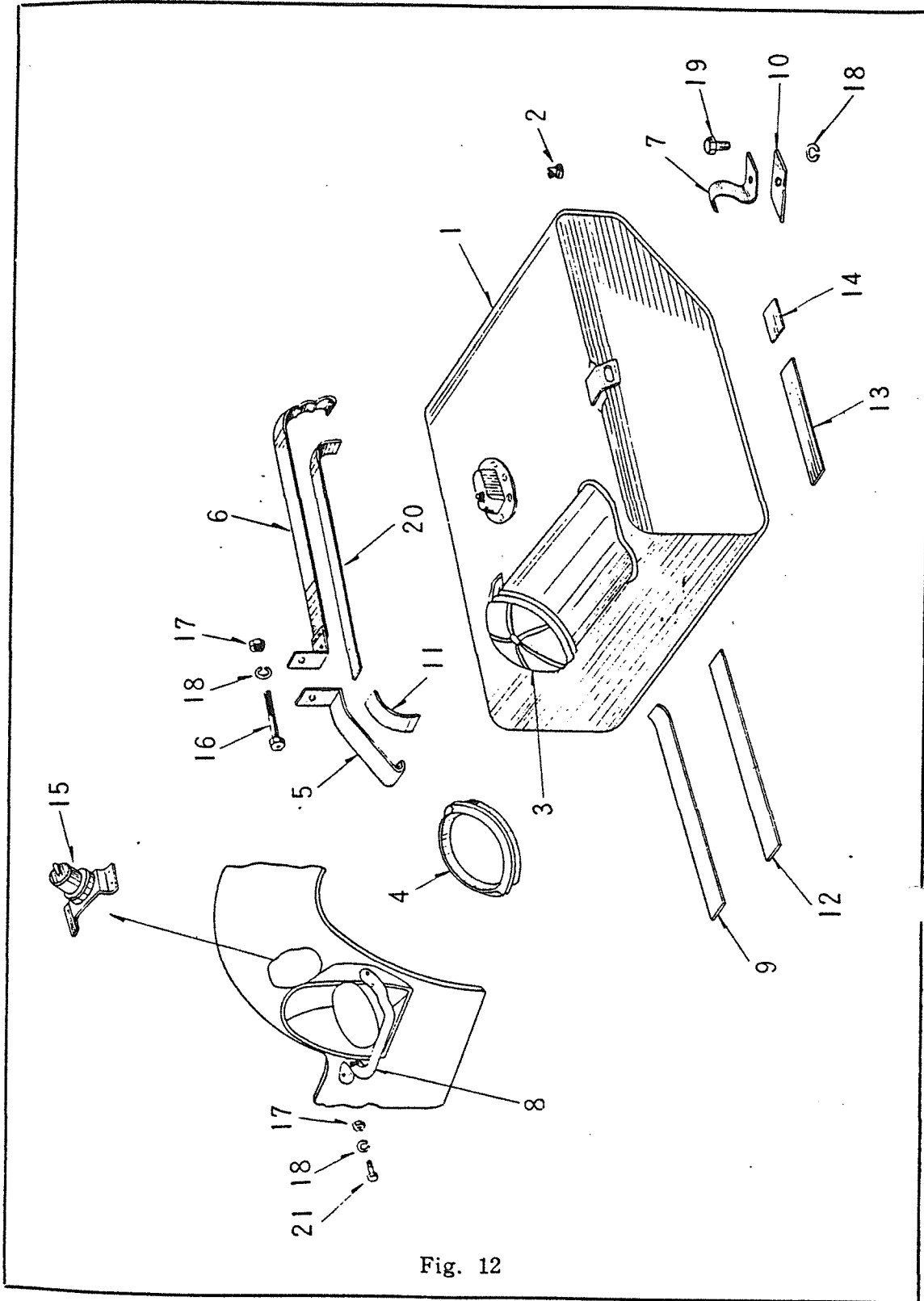


Fig. 11

Key	Parts No.	Nomenclature	No. Req'd	
			J4	J4C
CLUTCH LINKAGE				
1	JM60330	Bearing, clutch release	1	1
2	J-630117	Spring, retracting	1	1
3	J-A-181	Stud, ball, clutch control tube	1	1
4	J-A-887	Seal, dust clutch control tube	2	2
5	J-A-176	Pad, felt clutch control tube	2	2
6	J-A-177	Retainer, control tube clutch	2	2
7	J-339043	Pin, clevis	1	1
8	J-A-178	Spring, control tube clutch	1	1
9	J-642624	Lever and tube, control clutch ass'y	1	1
10	J-A-179	Stud and bracket, ball clutch	1	1
11	J-A-180	Bracket, control frame clutch	1	1
12	J-GM-451403	Nut, hex.	1	1
13	J-GM-120368	Nut, hex.	4	4
14	J-632177	Yoke, adjusting end	1	1
15	J-GM-123473	Bolt, hex. hd.	2	2
16	J-640123	Rod, release pedal clutch	1	1
17	J-641954	Bolt, hex. hd.	1	1
18	J-640124	Cable, control lever clutch	1	1
19	J-A-10269	Pedal, clutch	1	1
20	J-GM-122027	Screw, hex. hd.	1	1
21	J-807208	Pad, draft clutch pedal	1	1
	J-650684	Spring, pedal shank draft pad	1	1
	J-A-6360	Washer, pedal shank draft pad	1	1
22	J-905859	Pad, clutch pedal ass'y	1	1
23	J-630593	Spring, retracting clutch pedal	1	1
24	J-GM-124549	Key, woodruff No.9	1	1
25	J-A-498	Washer, plain	1	1
26	J-A-495	Shaft, brake pedal ass'y	1	1
27	J-647592	Bar, tie, master cylinder	1	1
28	J-630112	Lever, clutch control	1	1

Key	Parts No.	Nomenclature	No. Req'd J4	No. Req'd J4C
CLUTCH LINKAGE (Continued)				
29	J-644366	Carrier, clutch release bearing	1	1
30	J-630068	Fulcrum, clutch release lever	1	1
31	J-804488	Cable, stay, engine	1	1
32	J-GM-120369	Nut, hex.	2	2
	J-GM-138489	Washer, external tooth	2	2
33	JM03093	Fitting	1	1

FUEL TANK COMPLETE



Key	Parts No.	Nomenclature	No. Req'd	
			J4	J4C
FUEL TANK COMPLETE				
1	78052720 JM00674	Tank, fuel ass'y	1	1
2	J-807134	Plug, pipe	1	1
3	JM00664	Cap and strainer ass'y, fuel tank (Superseded by JM06724)	1	
	JM06724	Cap and strainer ass'y, fuel tank (Supersedes JM00664)		1
4	JM00059	Grommet, fuel tank	1	1
5	JM00057	Bracket, fuel tank	1	1
6	JM00054	Band ass'y, holding, fuel tank	1	1
7	JM00058	Bracket, anchor, fuel tank	1	1
8	JM00063	Cover, fuel tank	1	1
9	JM00673-8	Packing, fuel tank	1	1
10	JM02497	Packing, fuel tank	1	1
11	JM00673-12	Packing, fuel tank	1	1
12	JM00673-13	Packing, fuel tank	1	1
13	JM00673-15	Packing, fuel tank	1	1
14	JM00673-16	Packing, fuel tank	1	1
15	JM01126	Lock, cap, fuel tank	1	1
16	JM03821	Bolt, hex. hd.	1	1
17	J-GM-120376	Nut, hex.	5	5
18	J-GM-120214	Lockwasher	6	6
19	J-GM-122017	Bolt, hex. hd.	1	1
20	JM00673-20	Packing, fuel tank	1	1
21	J-GM-120228	Bolt, hex. hd.	4	4

Key	Parts No.	Nomenclature	No. Req'd	
			J4	J4C
		CARBURETOR		
	J-806305-1	Carburetor ass'y	1	1
1	J-117944	Screw and washer	2	2
2	J-117934	Spring, choke lever	1	1
3	J-116211	Screw, wire clamp	1	1
4	J-117926	Shaft and lever, choke	1	1
5	J-119528	Lever, choke	1	1
6	J-116219	Nut, tube bracket	1	1
7	J-119918	Clamp, throttle tube	1	
8	J-119916	Clamp, choke and throttle tubes ass'y	1	1
9	J-119919	Screw, tube bracket	1	1
10	J-116191	Spring, inlet needle	1	1
11	J-117942	Retainer, pump spring upper	1	1
12	J-119228	Spring, pump upper inner	1	1
13	J-117935	Spring, metering rod	1	1
14	J-119226	Rod, metering	1	1
15	J-119846	Jet, low speed	1	1
16	J-117952	Jet, metering rod	1	1
17	J-119169	Retainer, ball check weight	1	1
18	J-119167	Weight, ball check	1	1
19	J-119168	Valve, check aluminum ball	1	1
20	J-116891	Screw and washer	1	1
21	J-116178	Spring, pin	1	1
22	J-117949	Rod, connector, fast idle	1	1
23	J-117957	Clip, clevis	1	1
24	J-118548	Spring, idle screw	1	1
25	J-117932	Screw, idle adjustment	1	1
26	J-117924	Plug, rivet, passage body flange	1	1
27	J-119537	Washer, throttle shaft	1	1
28	J-117933	Arm, fast idle	1	1
29	J-116891	Screw and washer, body flange	2	2

CARBURETOR

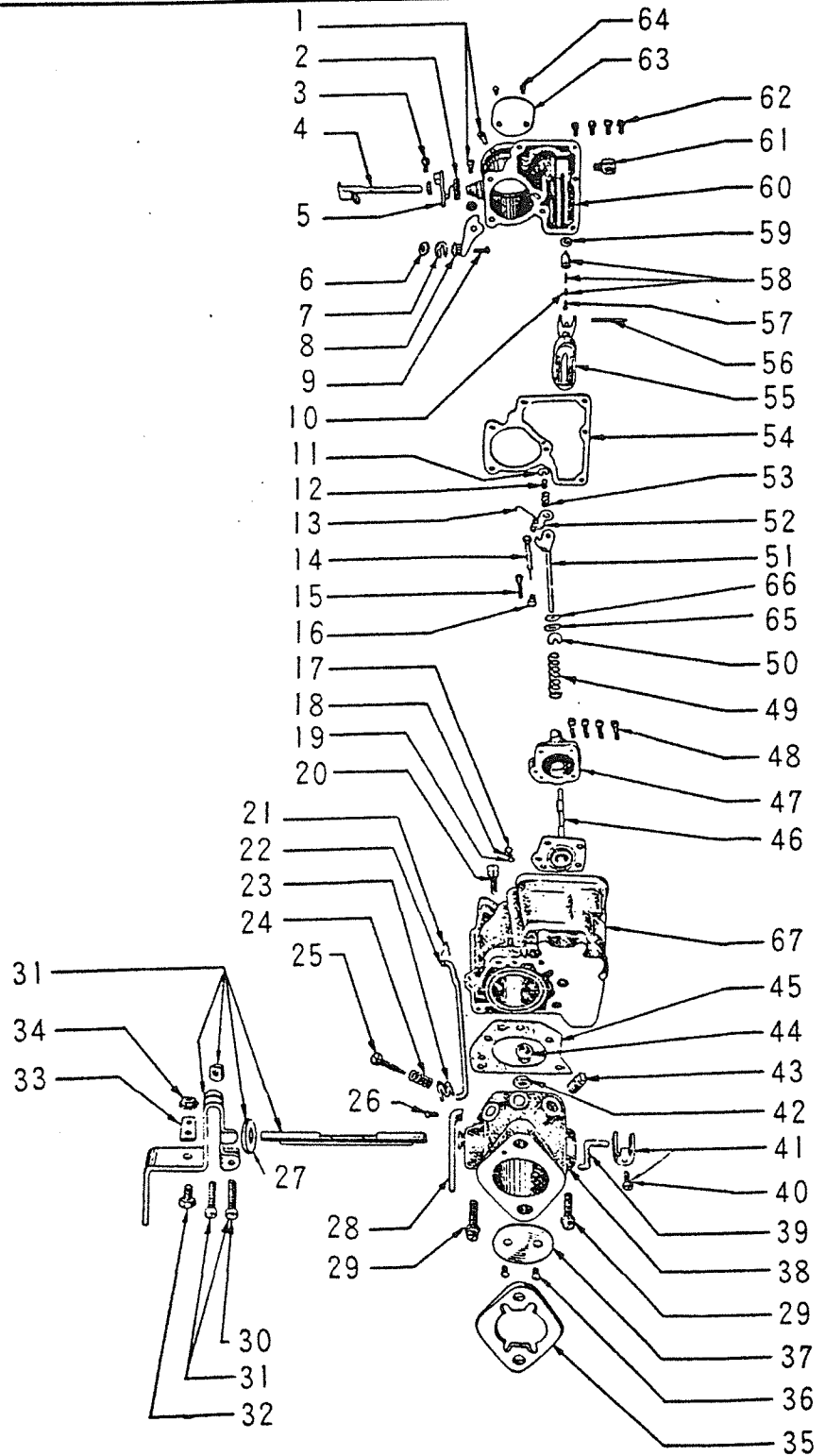


Fig. 13

Key	Parts No.	Nomenclature	No. Req'd	
			J4	J4C
CARBURETOR (Continued)				
30	J-116651	Screw, adjusting, throttle lever	1	1
31	J-119780	Shaft and lever, throttle, ass'y	1	1
32	J-GM-159908	Screw, pan hd.	1	1
33	J-809669	Adapter, throttle arm	1	1
34	J-805004	Nut and washer	1	1
35	J-648970	Gasket, insulator, carburetor	1	1
36	J-116217	Screw, throttle valve	2	2
37	J-118061	Valve, throttle	1	1
38	J-119673	Flange, body	1	1
39	J-117951	Link, connector	1	1
40	J-GM-132103	Screw, throttle shaft arm	1	1
41	J-117948	Arm, throttle shaft, ass'y	1	1
42	J-GM-120369	Nut, hex.	2	2
43	J-GM-103877	Plug, pipe	1	1
44	J-116162	Plug, rivet, idle port	1	1
45	J-117953	Gasket, body flange	1	1
46	J-117958	Diaphragm ass'y	1	1
47	J-118131-1	Housing, pump diaphragm	1	1
48	J-117946	Screw, pump diaphragm	4	4
49	J-117936	Spring, pump diaphragm	1	1
50	J-117940	Retainer, pump diaphragm spring	1	1
51	J-117950	Link, pump lifter	1	1
52	J-117947	Arm, metering, ass'y	1	1
53	J-119227	Spring, pump upper outer	1	1
54	J-117954-1	Gasket, body cover and air horn	1	1
55	J-117928	Float and lever ass'y	1	1
56	J-117929	Pin, float lever	1	1
57	J-116177	Pin, inlet needle	1	1
58	J-118549	Needle, spring and seat ass'y	1	1
59	J-116168	Gasket, needle seat	1	1

Key	Parts No.	Nomenclature	No. Req'd	
			J4	J4C
CARBURETOR (Continued)				
60	J-119677-1	Horn, air. ass'y	1	1
61	J-GM-137421	Elbow, tube	1	1
62	J-116892	Screw and washer	5	5
63	J-117923	Valve, choke	1	1
64	J-116216	Screw, choke valve	2	2
65	J-120486	Retainer	1	1
66	J-119883	Packing	1	1
67	JM60278-1	Body, carburetor	1	1
	J-808520-1	Gasket set, carburetor	1	1
		Consists of :		
	J-117953	1 Gasket, body flange		
	J-117954-1	1 Gasket, body cover and air horn		
	J-648970	1 Gasket, insulator carburetor		
	J-116168	1 Gasket, needle seat		
	J-120215-1	Kit, repair, carburetor	1	1
		Consists of:		
	J-117948	1 Arm, throttle shaft, ass'y		
	J-117958	1 Diaphragm ass'y		
	J-117954-1	1 Gasket, body cover and air horn		
	J-117953	1 Gasket, body flange		
	J-648970	1 Gasket, insulator carburetor		
	J-119846	1 Jet, low speed, ass'y		
	J-117952	1 Jet, metering rod		
	J-117951	1 Link, pump connector		
	J-117950	1 Link, pump lifter		
	J-118549	1 Needle, spring and seat ass'y		
	J-116162	1 Plug, rivet, idle port		
	J-119883	1 Packing, lifter link gas seal		
	J-117940	1 Retainer, pump diaphragm spring		
	J-117942	1 Retainer, upper pump spring		

Key	Parts No.	Nomenclature	No. Req'd	
			J4	J4C

CARBURETOR (Continued)

J-120486	1 Retainer, lifter link gas seal packing
J-119226	1 Rod, metering
J-116217	2 Screw, throttle valve
J-116178	1 Spring, pin
J-117936	1 Spring, pump diaphragm
J-119228	1 Spring, pump upper inner
J-119227	1 Spring, pump upper outer
JM60283	1 Plug, steel ball
J-119169	1 Retainer, ball check weight
J-119168	1 Valve, check aluminum ball
J-119167	1 Weight, ball check

AIR CLEANER

	J-808037-1	Cleaner, air, ass'y	1	1
1	J-805659	Clamp, air horn to carburetor	1	1
2	J-803699	Gasket, air horn to carburetor	1	1
3	J-806940	Horn, air cleaner	1	1
4	J-806254-1	Connector, flexible	1	1
5	J-GM-141518	Clamp, hose	2	2
6	JM60556	Body and element, air cleaner, ass'y	1	1
7	J-GM-121887	Bolt, hex. hd.	4	4
	J-GM-121753	Lockwasher, external tooth	4	4
8	JM60554	Cup and clamp, air cleaner	1	1
9	J-808594	Hose, air cleaner to oil filler tube	1	1
10	J-A-6919	Body, crankcase ventilator, ass'y	1	1
11	J-630299	Gasket, ventilator to valve spring cover	1	1
12	J-809368	Tube, vacuum pump to tee	1	
13A	JM60417	Tee, tow way	1	
13B	JM60977	Connector, tube		1
14	JM60418	Clip, tube	3	

AIR CLEANER

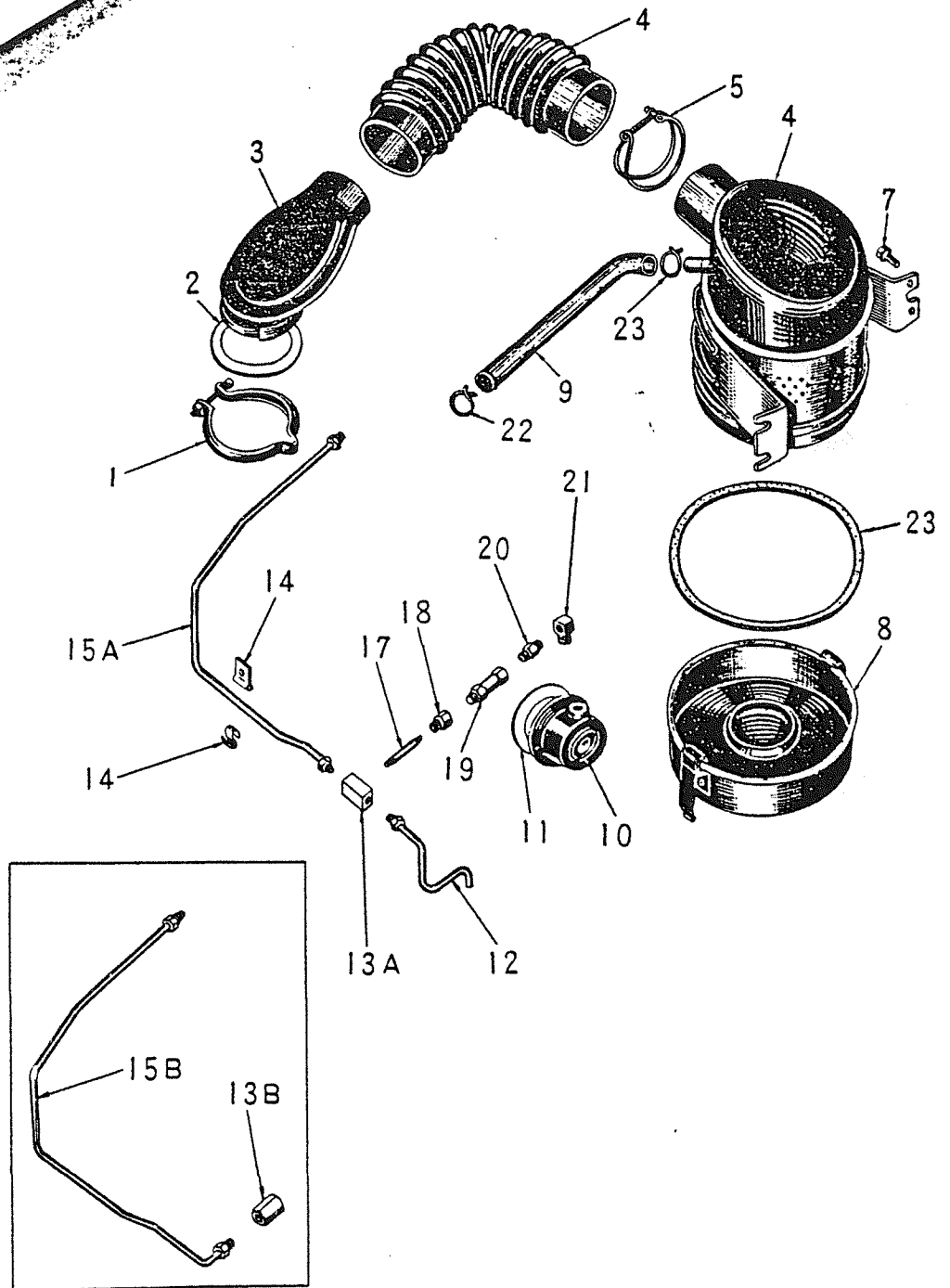


Fig. 14

Key	Parts No.	Nomenclature	No. Req'd	
			J4	J4C

AIR CLEANER (Continued)

	J-800743	Clip, tube		3
15A	JM60415	Tube, vacuum line, ass'y	1	
15B	JM60976	Tube, vacuum line, ass'y		1
16	J-GM-127879	Clip, closed	1	
	J-GM-125912	Clip, closed		1
17	J-GM-192466	Nipple, pipe	1	
18	J-810109	Coupling, reducing	1	
19	JM60445	Valve, crankcase ventilator, ass'y	1	
	J-A-6895	Valve, crankcase ventilator, ass'y		1
20	J-810617	Nipple, reducing pipe	1	1
21	J-809656	Elbow, pipe	1	1
22	J-GM-271197	Clamp, hose	2	1
23	JM60555	Oil seal, air cleaner	1	1

CHOKE THROTTLE CONTROL ACCELERATOR AND LINKAGE

1	J-808928	Treadle, subaccelerator ass'y	1	1
2	J-650484	Pin, hinge accelerator treadle	1	1
3	J-GM-112726	Pin, cotter	1	1
4	J-650482	Hinge, accelerator treadle (female)	1	1
5	J-650483	Spring, hinge accelerator treadle	1	1
6	JM01066	Seal, accelerator treadle rod	1	1
7	J-805728	Block, adjusting throttle rod	1	1
8	J-GM-120367	Nut, hex.	2	2
9	J-808333	Crank, bell lower ass'y	1	1
10	J-805479	Bracket, bell crank	1	1
11	J-805480	Crank, bell upper ass'y	1	1
12	J-805483	Spring, bell crank upper	1	1
13	J-806952	Rod, bell crank link	1	1
	J-GM-137141	Pin, cotter	2	2
	J-GM-120393	Washer, plain	2	2

CHOKE THROTTLE CONTROL ACCELERATOR AND LINKAGE

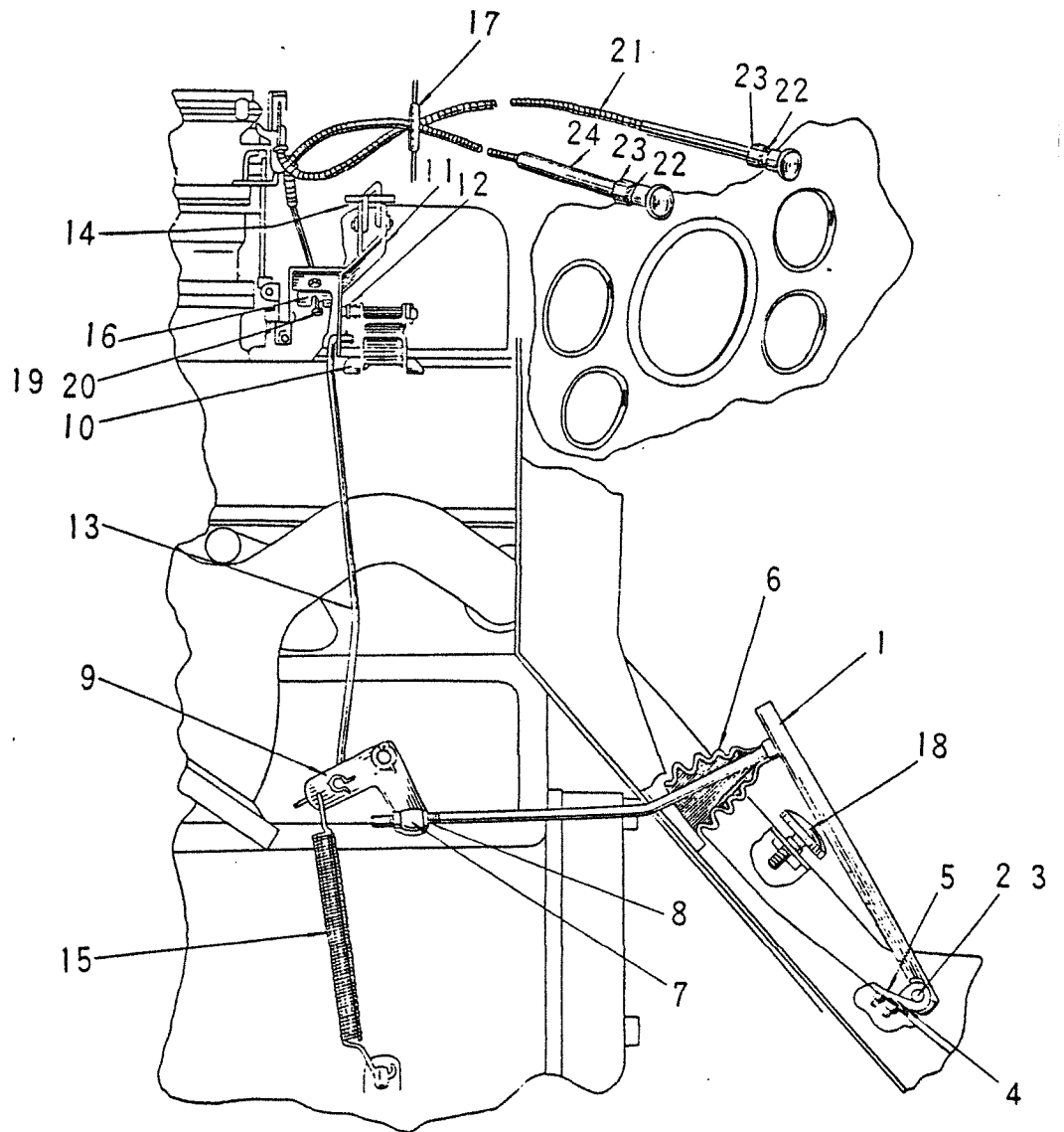


Fig. 15

Key	Parts No.	Nomenclature	No. Req'd	
			J4	J4C

CHOKE THROTTLE CONTROL ACCELERATOR AND LINKAGE (Continued)

14	J-805484	Rod, bell crank to carburetor	1	1
	J-GM-137141	Pin, cotter	2	2
	J-GM-120395	Washer, plain	1	1
15	J-803358	Spring, retracting accelerator	1	1
16	J-809669	Adapter, throttle arm	1	1
17	JM01042	Grommet, choke and throttle control	1	1
18	J-641922	Rest, foot accelerator ass'y	1	1
19	J-372438	Stop, throttle wire	1	1
20	J-GM-122159	Screw, rd. hd.	1	1
(21)	J-807669	<u>Control, choke ass'y</u>	1	1
22	J-GM-138542	Washer, internal tooth	2	2
23	J-GM-120369	Nut, hex.	2	2
(24)	J-807667	<u>Control, throttle ass'y</u>	1	1

FUEL AND VACUUM PUMP (J4)

	J-120206	Kit, fuel and vacuum pump with mounting gaskets ...	1	
1	J-118490	Gasket, valve cage	2	
2	J-809369	Hose, windshield wiper	2	
3	J-117160	Spring, diaphragm vacuum section	1	
4	J-119241	Oil seal	2	
5	J-118486	Valve and cage ass'y	6	2
6	JM60397-1	Bolt, hex. special	2	
	J-GM-120214	Lockwasher	2	2
7	J-805842	Washer, rectangular	2	2
8	J-116329	Pin, rocker arm	1	
9	J-119242	Retainer, oil seal	2	
10	J-117908	Spring, diaphragm vacuum section	1	
11	J-GM-137421	Elbow, tube	2	2
12	J-119224	Bail, fuel pump bowl	1	1
13	J-115655	Bowl, fuel pump	1	

FUEL AND VACUUM PUMP (J4)

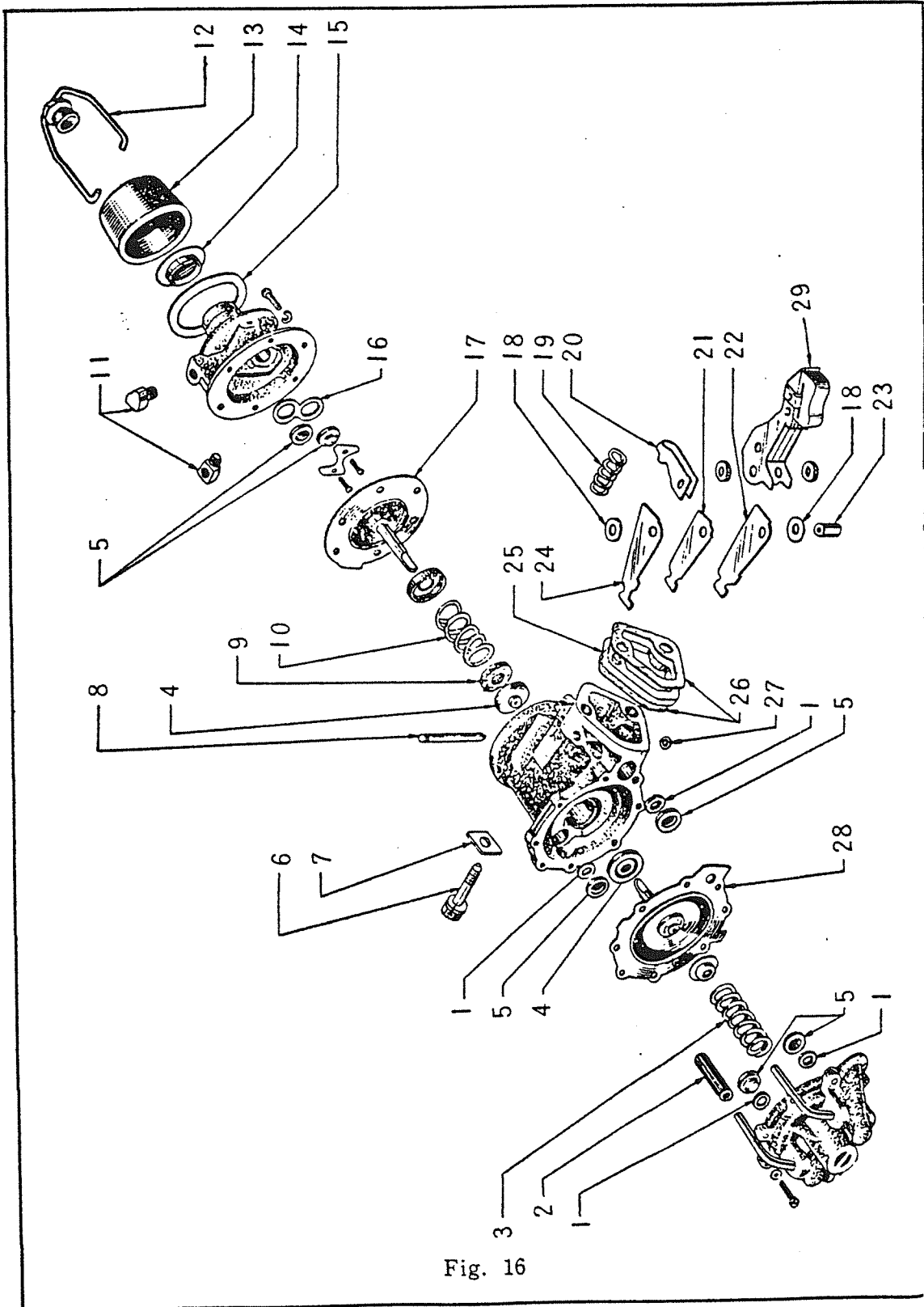


Fig. 16

Key	Parts No.	Nomenclature	No. Req'd	
			J4	J4C
FUEL AND VACUUM PUMP (J4) (Continued)				
14	J-115654	Screen, fuel pump	1	1
15	J-115656	Gasket, fuel pump bowl	1	1
16	J-116748	Gasket, valve cage	1	1
17	J-120093	Diaphragm and pull rod, fuel section	1	
18	J-116347	Spacer	2	
19	J-116332	Spring, rocker arm	1	
20	J-116346	Spacer, link	1	
21	J-116343	Link, fuel pump	1	
22	J-116344	Link, fuel pump left	1	
23	J-117138	Bushing	1	
24	J-116345	Link, fuel pump right	1	
25	J-647669	Spacer, fuel and vacuum pump	1	
26	J-638737	Gasket, fuel pump to block	2	1
27	J-116330	Washer, rocker arm pin	1	
28	J-120098	Diaphragm and pull rod, vacuum section	1	
29	J-120204	Arm, rocker, ass'y	1	
	J-810639	Kit, fuel pump diaphragm fuel section	1	
		Consists of :		
	J-120093	1 Diaphragm and pull rod ass'y		
	J-116748	1 Gasket, valve cage		
	J-638737	2 Gasket, fuel pump to block		
	J-115656	1 Gasket, fuel pump bowl		
	J-118486	2 Valve and cage ass'y		
	J-810638	Kit, fuel pump diaphragm vacuum section	1	
		Consists of :		
	J-120098	1 Diaphragm and pull rod ass'y		
	J-638737	2 Gasket, fuel pump to block		
	J-118490	3 Gasket, valve cage		
	J-118486	4 Valve and cage ass'y		

Key	Parts No.	Nomenclature	No. Req'd	
			J4	J4C

FUEL AND VACUUM PUMP (J4) (Continued)

J-810636	Kit, repair fuel and vacuum pump		1	
	Consists of :			
J-117138	1 Bushing			
J-120093	1 Diaphragm and pull rod ass'y			
J-120098	1 Diaphragm and pull rod ass'y			
J-638737	2 Gasket, fuel pump to block			
J-115656	1 Gasket, fuel pump bowl			
J-116748	1 Gasket, valve cage			
J-118490	3 Gasket, valve cage			
J-116343	1 Link			
J-116344	1 Link, left			
J-116345	1 Link, right			
J-116329	1 Pin, rocker arm			
J-119242	2 Retainer, oil sea			
J-119241	2 Oil seal			
J-115654	1 Screen ass'y			
J-116347	2 Spacer			
J-116346	1 Spacer, link			
J-117908	1 Spring, diaphragm			
J-117160	1 Spring, diaphragm			
J-116332	1 Spring, rocker arm			
J-118486	6 Valve and cage ass'y			
J-116330	1 Washer			

FUEL PUMP (J4C)

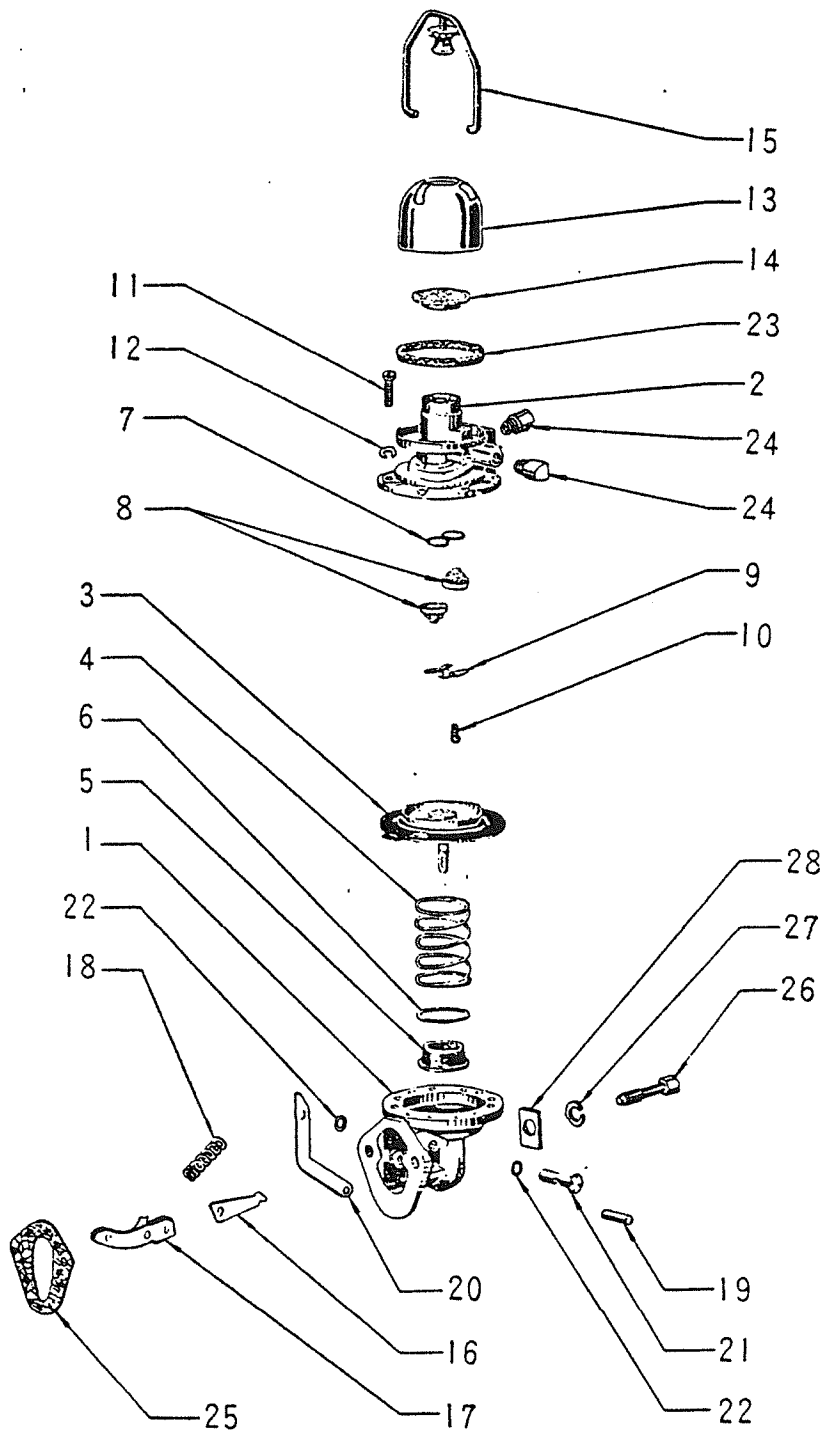


Fig. 17

Key	Parts No.	Nomenclature	No. Req'd	
			J4	J4C
FUEL PUMP (J4C)				
	JM60972	Fuel pump ass'y		1
1	324107	Body, fuel pump		1
2	324106	Cover, fuel pump		1
3	324108	Diaphragm ass'y		1
4	J-114109	Spring, diaphragm		1
5	J-115870	Seal, oil		1
6	J-115869	Washer, diaphragm spring		1
7	J-116748	Gasket, valve cage	1	1
8	J-118486	Valve and cage ass'y	6	2
9	J-115653	Retainer, valve cage		1
10	J-GM-132696	Screw, round head slotted machine		1
11	J-113439	Screw, cover		6
12	J-113440	Washer, spring		6
13	J-A-1494	Bowl		1
14	J-115654	Screen	1	1
15	J-119224	Bail ass'y	1	1
16	J-115880	Link, rocker arm		1
17	J-115641	Arm, rocker, ass'y		1
18	J-115643	Spring, rocker arm		1
19	J-A-1046	Pin, rocker arm		1
20	J-A-1045-2	Lever, hand		1
21	J-A-1045-3	Pin, hand lever		1
22	J-A-1045-4	Packing, hand lever		2
23	J-115656	Gasket, bowl	1	1
24	J-GM-137421	Elbow, tube	2	2
25	J-638737	Gasket, fuel pump to block	2	1
26	JM60398-1	Bolt, hex, special		2
27	J-GM-120214	Washer, spring	2	2
28	J-805842	Washer, rectangular	2	2

Key	Parts No.	Nomenclature	No. Req'd	
			J4	J4C

FUEL PUMP (J4C) (Continued)

JM60806	Kit, repair, fuel pump	1
	Consists of :	
324108	1. Diaphragm ass'y	
J-116748	1. Gasket, valve cage	
J-118486	2. Valve and cage ass'y	
J-115656	1. Gasket, bowl	
J-638737	1. Gasket, fuel pump to block	
J-115880	1. Link, rocker arm	
J-115870	1. Seal, oil	
J-A-1046	1. Pin, rocker arm	
J-114109	1. Spring, diaphragm	
J-115643	1. Spring, rocker arm	
J-115654	1. Screen	
J-115641	1. Rocker arm ass'y	
J-113439	6. Screw, cover	
J-GM-132696	2. Screw, round head slotted machine	
J-113440	6. Washer, spring	

FUEL SYSTEM (J4)

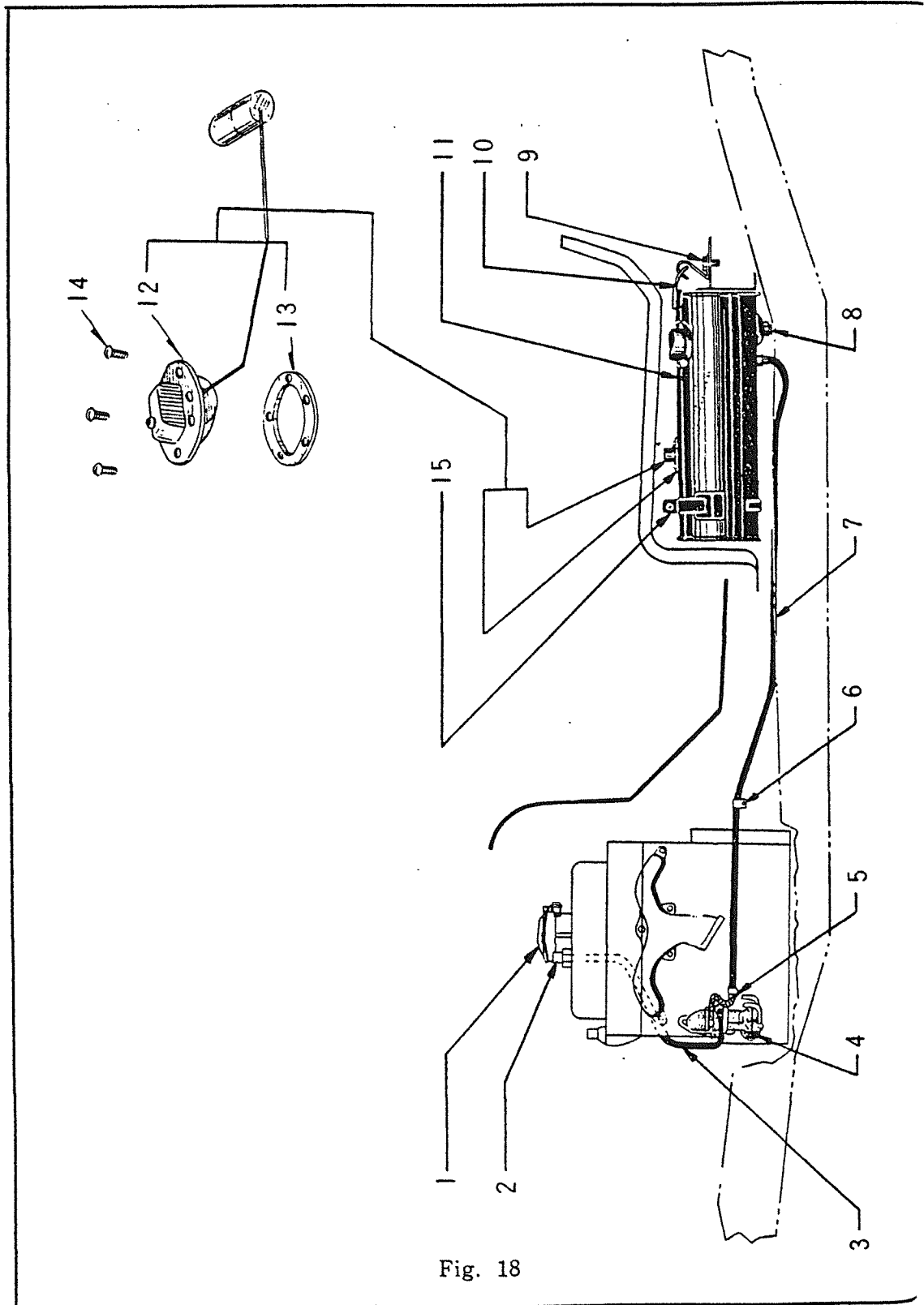


Fig. 18

Key	Parts No.	Nomenclature	No. Req'd	
			J4	J4C
FUEL SYSTEM (J4)				
1	J-806305-1	Carburetor ass'y	1	1
2	J-GM-137421	Elbow, tube	1	1
3	J-809367	Tube, fuel line ass'y	1	1
4	J-809338	Fuel and vacuum pump ass'y	1	
5	J-804240	Connection, fuel line	1	1
6	JM04019	Clip, fuel line	2	2
7	JM01481	Pipe, fuel line	1	
8	J-807134	Plug, pipe	1	1
9	J-GM-122017	Bolt, hex. hd.	1	1
10	JM00058	Bracket, anchor	1	1
11	<u>JM00674</u>	<u>Tank, fuel, ass'y</u>	1	1
12	JM00091	Gauge ass'y, fuel unit	1	1
13	JM00106	Gasket, fuel unit	1	1
14	J-GM-121832	Screw, pan hd.	5	5
15	JM00054	Band ass'y, holding fuel tank	1	1

FUEL SYSTEM (J4C)

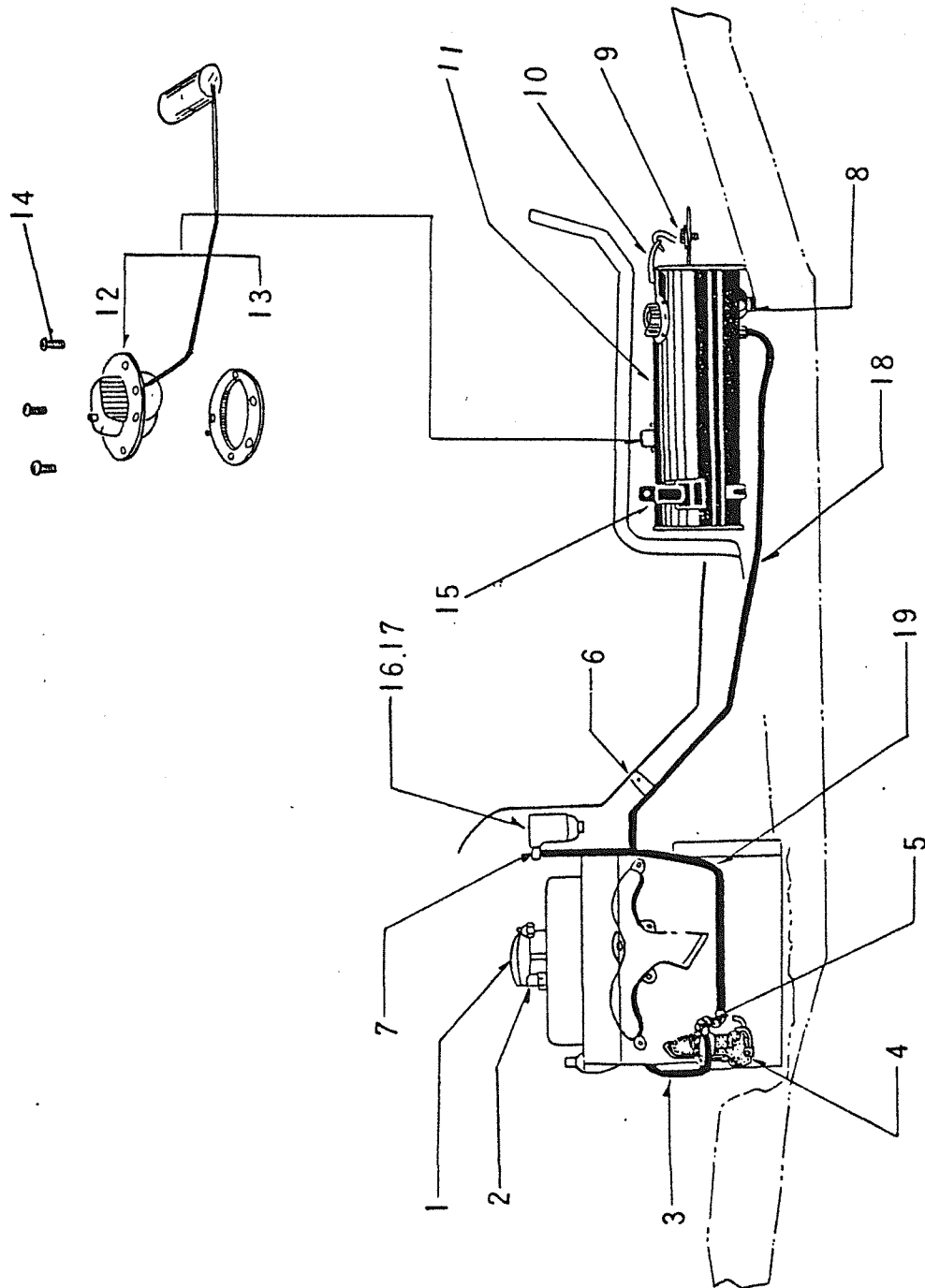


Fig. 19

Key	Parts No.	Nomenclature	No. Req'd	
			J4	J4C
FUEL SYSTEM (J4C)				
1	J-806305-1	Carburetor ass'y	1	1
2	J-GM137421	Elbow, tube	1	1
3	J-809367	Tube, fuel line ass'y	1	1
4	JM60972	Fuel pump ass'y		1
5	J-804240	Connection, fuel line	1	1
6	JM04019	Clip, fuel line	2	2
7	JM01189	Elbow, oil gauge tube		2
8	J-807134	Plug, pipe	1	1
9	J-GM-122017	Bolt, hex. hd.	1	1
10	JM00058	Bracket, anchor	1	1
11	JM00674	Tank, fuel, ass'y	1	1
12	JM00091	Gauge ass'y, fuel unit	1	1
13	JM00106	Gasket, fuel unit	1	1
14	J-GM-121832	Screw, pan hd.	5	5
15	JM00054	Band ass'y, holding fuel tank	1	1
16	JM06451	Fuel filter ass'y		1
17	JM06292	Element ass'y		1
18	JM06462	Fuel pipe		1
19	JM06463	Fuel pipe		1

JSBJ-10 J649759 22347-7 12347-7

EXHAUST SYSTEM

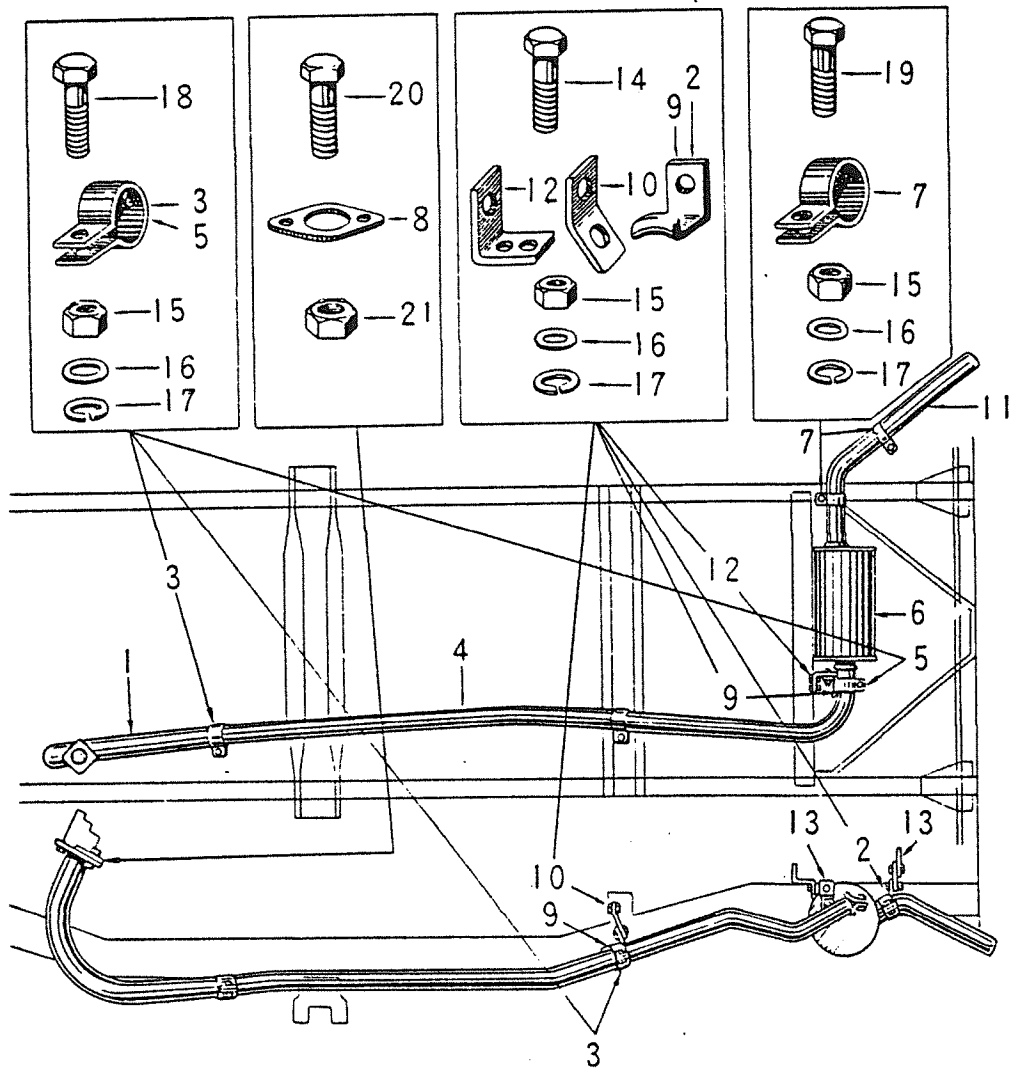


Fig. 20

Key	Parts No.	Nomenclature	No. Req'd	
			J4	J4C
EXHAUST SYSTEM				
1	J-641856	Pipe, exhaust, ass'y	1	1
2	J-641873	Strap, tail pipe support	1	1
3	J-642123	Clamp, exhaust pipe support	2	2
4	J-641855	Extension, exhaust pipe	1	1
5	J-642469	Clamp, exhaust to muffler	1	1
6	JM01002	Muffler ass'y	1	1
7	J-630534	Clamp, support, tail pipe	2	2
8	J-634814	Gasket, flange, exhaust pipe	1	1
9	J-803679	Strap, support, extension	2	2
10	JM02455	Plate, support, exhaust pipe	1	1
11	JM01280	Pipe, tail	1	1
12	J-641874	Bracket, support, muffler	1	1
13	J-642777	Strap, support, muffler	2	2
14	J-GM-120741	Bolt, hex. hd.	8	8
15	J-GM-120368	Nut, hex.	13	13
16	J-GM-120393	Washer, plain	13	13
17	J-GM-103320	Lockwasher	13	13
18	J-GM-123774	Bolt, hex. hd.	3	3
19	J-GM-123499	Bolt, hex. hd.	2	2
20	J-GM-120677	Bolt, hex. hd.	1	1
21	J-53287	Nut, hex.	2	2

RADIATOR AND RADIATOR HOSE

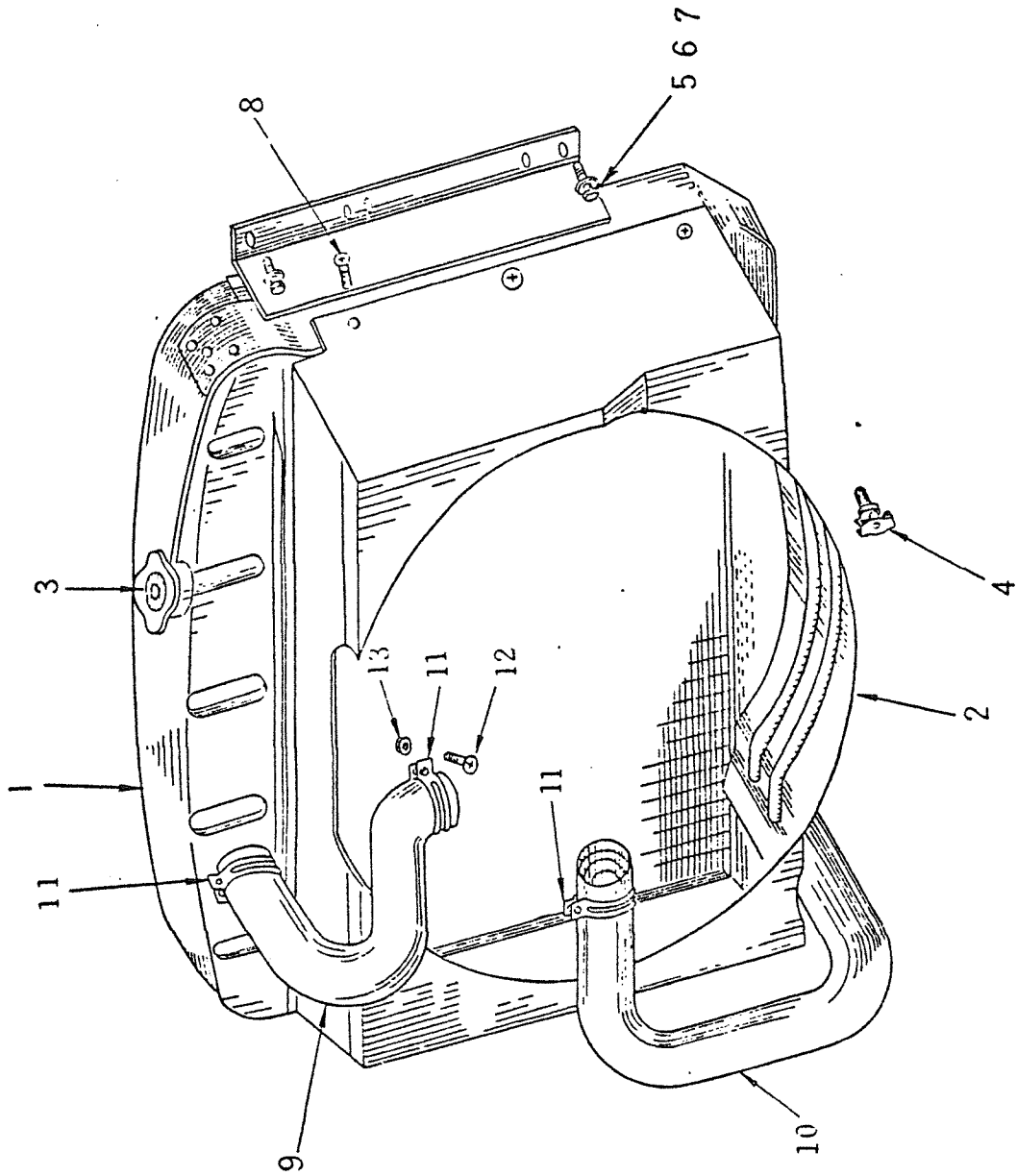


Fig. 21

Key	Parts No.	Nomenclature	No. Req'd	
			J4	J4C

RADIATOR AND RADIATOR HOSE

1	JM01156	Core and tank ass'y, radiator	1	1
2	JM01146	Shroud ass'y, radiator	1	1
3	JM01381	Cap, sealing, radiator	1	1
4	J-A-1126	Cock, drain	1	1
5	J-GM-123473	Bolt, hex. hd.	4	4
6	J-GM-120386	Washer, plain	4	4
7	J-GM-120214	Lockwasher	4	4
8	JM01171	Screw, pan hd.	6	6
9	J-800284	Hose, inlet, radiator water	1	1
10	J-807519	Hose, outlet, radiator water	1	1
11	JM01109	Clamp, hose, radiator	4	4
12	JM01205	Screw, rd. hd.	4	4
13	JM01110	Nut, sq. hd.	4	4

RADIATOR GUARD

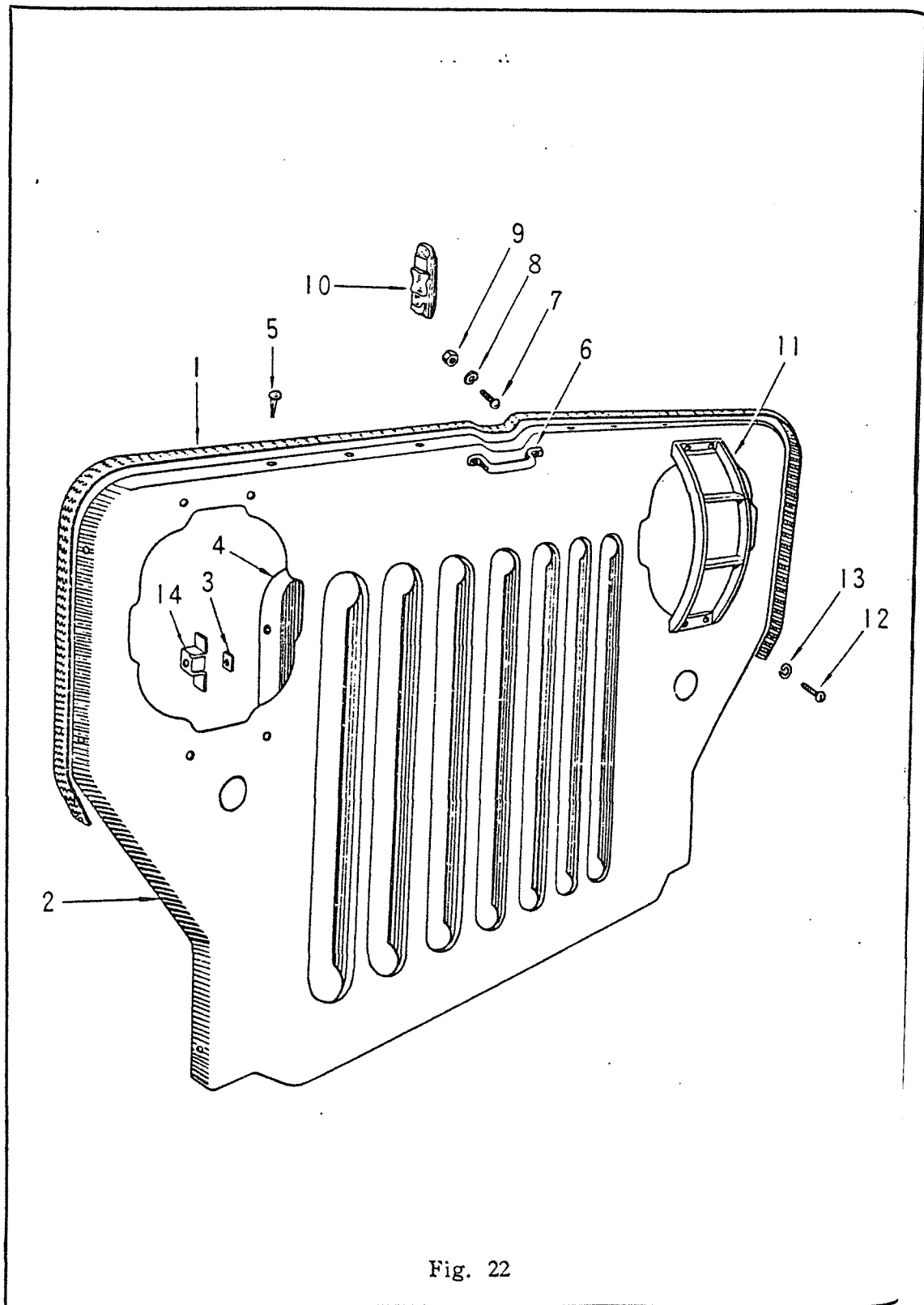


Fig. 22

Key	Parts No.	Nomenclature	No. Req'd	
			J4	J4C
RADIATOR GUARD				
	JM00450	Guard ass'y, radiator complete	1	
	JM06358	Guard ass'y, radiator complete		1
1	J-681191	Liner, hood, radiator guard	1	1
2	JM00451	Guard ass'y, radiator	1	
	JM06359	Guard ass'y, radiator		1
3	JM05378	Nut, sq. hd.	6	6
4	JM00628	Deflector ass'y, air radiator guard	1	1
5	J-GM-113454	Rivet, oval hd.	13	13
6	JM00621	Loop, footman	1	1
7	J-GM-155941	Screw, fl. hd.	2	2
8	J-GM-120217	Lockwasher	2	2
9	J-GM-120361	Nut, hex.	2	2
10	J-681493	Strap ass'y	1	1
11	JM04296	Safety guard, head light	2	2
12	J-GM-133043	Screw, rd. hd.	8	8
13	J-GM-120380	Lockwasher	8	8
14	J-A-3549	Retainer	6	6

WATER PUMP

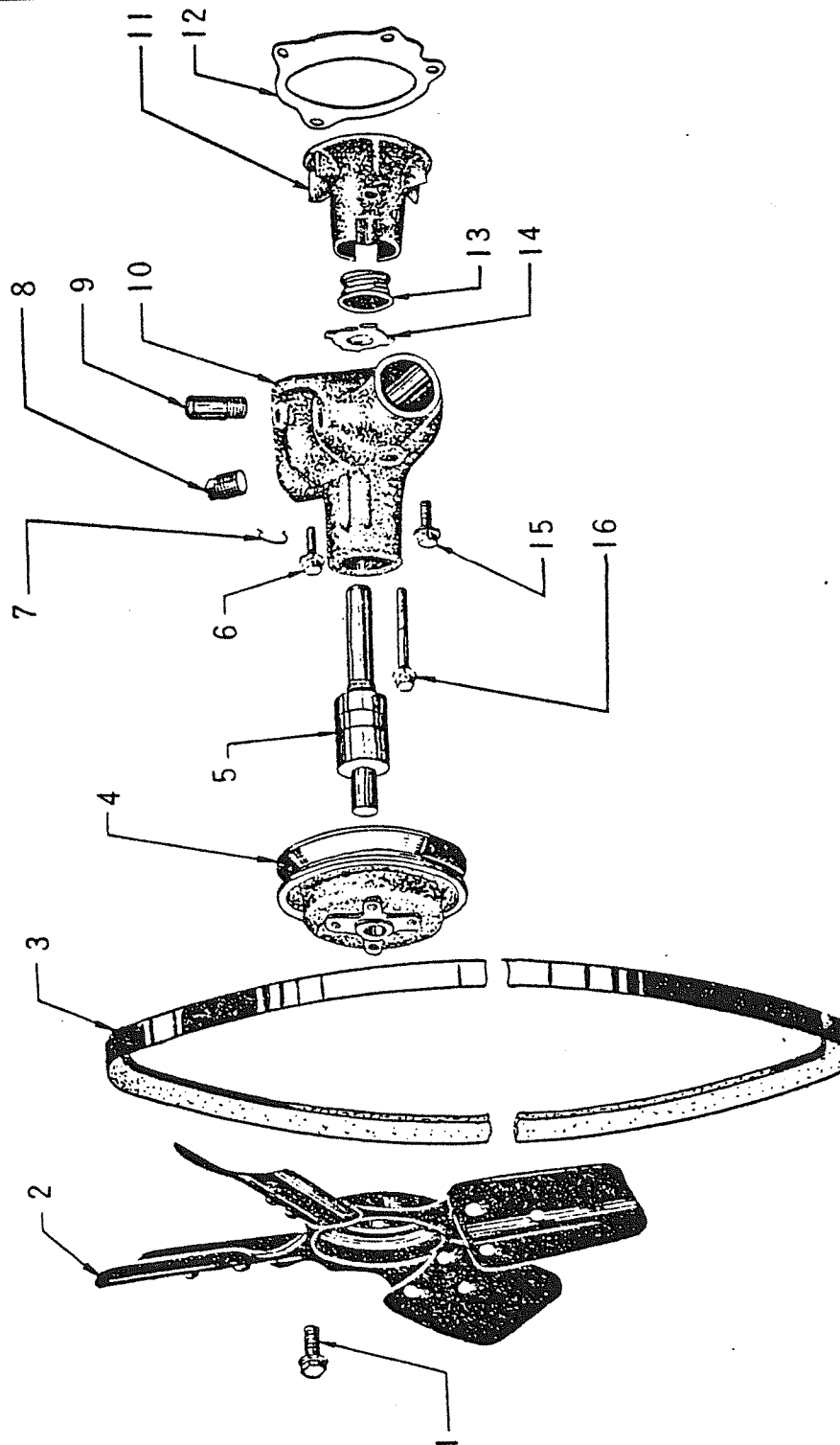
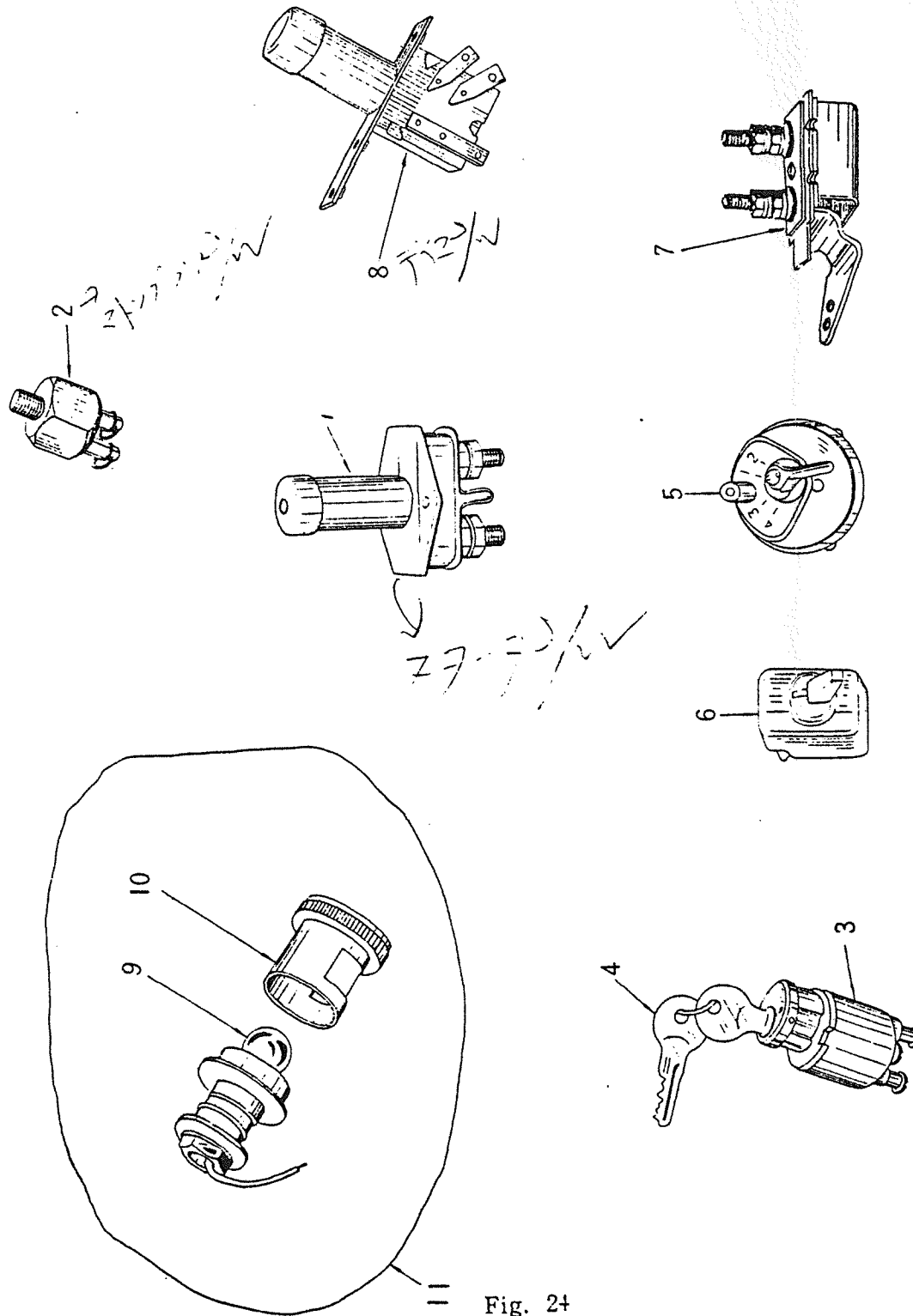


Fig. 23

Key	Parts No.	Nomenclature	No. Req'd	
			J4	J4C
WATER PUMP				
	J-810546-1	Pump, water, ass'y	1	
	JM60946	Pump, water, ass'y	1	1
1	J-GM-120854	Bolt, hex. hd.	4	4
	J-GM-120380	Lockwasher	4	4
2	JM60879	Fan ass'y	1	1
3	J-808972	Belt, drive fan and generator	1	
	JM60957-1	Belt, drive fan and generetor		1
4	J-808736-1	Pulley, drive, fan and water pump	1	
	JM60947	Pulley, drive, fan and water pump		1
5	J-808129	Bearing, shaft and slinger, water pump, ass'y	1	1
6	J-GM-120229	Bolt, hex. hd.	2	2
	J-GM-120214	Lockwasher	2	2
7	J-636298	Spring, bearing retainer	1	1
8	J-GM-103879	Plug, pipe	1	1
9	J-649720	Nipple, hose by-pass	1	1
10	J-649718	Body, water pump	1	1
11	J-639993	Impeller, water pump	1	1
12	J-637053	Gasket, water pump to block	1	1
13	JM60091	Seal, water pump, ass'y	1	1
14	J-640034	Washer, water pump seal	1	1
15	J-GM-122017	Bolt, hex. hd.	1	1
	J-GM-120214	Lockwasher	1	1
16	J-GM-122077	Bolt, hex. hd.	1	1
	J-GM-120214	Lockwasher	1	1
	JM61011	Kit, repair, water pump	1	1
Consists of :				
	J-808129	1 Bearing, shaft and slinger ass'y		
	J-637053	1 Gasket, water pump to block		
	JM60091	1 Seal, water pump, ass'y		
	J-636298	1 Spring, bearing retainer		
	J-640034	1 Washer, water pump seal		
	J-639993	1 Impeller, water pump		

SWITCHES AND PANEL LIGHT



Key	Parts No.	Nomenclature	No. Req'd	
			J4	J4C
SWITCHES AND PANEL LIGHT				
①	JM02236	Switch, kick starter	1	1
2	JM00816	Switch ass'y, stopping	1	1
3	JM00815	Switch ass'y, ignition	1	1
4	JM01172	Key, ignition switch	2	2
5	JM00349	Switch, rotary	1	1
6	JM00350	Switch, instrument panel light	1	
6a	JM06387	Switch, instrument panel light		1
7	JM01638	Breaker, circuit	1	
	JM06388	Breaker, circuit		1
8	JM00817	Switch, dimmer	1	1
9	JM04439	Lamp, instrument panel	1	
	0018B-405	Lamp, instrument panel		1
10	JM04440	Cap, light instrument panel	1	
11	JM04280	Light ass'y, panel	1	
	JM06166	Light ass'y, panel		1

INSTRUMENTS AND SPEEDOMETER (J4)

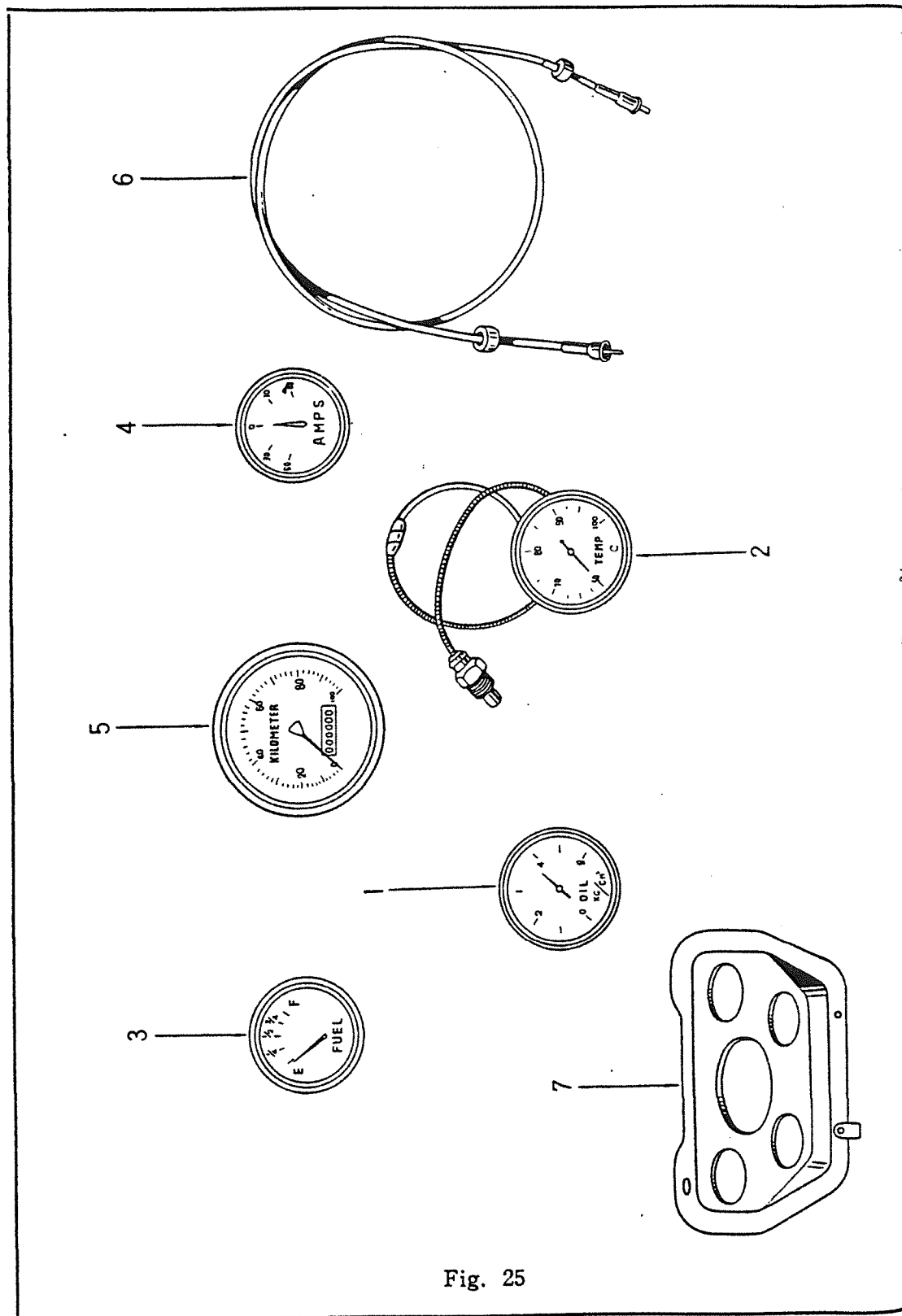


Fig. 25

Key	Parts No.	Nomenclature	No. Req'd	
			J4	J4C

INSTRUMENTS AND SPEEDOMETER (J4)

1	JM00790	Gauge ass'y (Gauge, oil pressure)	1	
2	JM00791	Gauge ass'y (Gauge, temperature)	1	1
3	JM00955	Gauge ass'y (Gauge, fuel)	1	
4	JM00954	Ammeter ass'y	1	
5	JM05447	Speedometer ass'y	1	1
6	JM00789	Cable ass'y, speedometer	1	1
7	JM04278	Frame, instrument	1	1

INSTRUMENTS AND SPEEDOMETER (J4C)

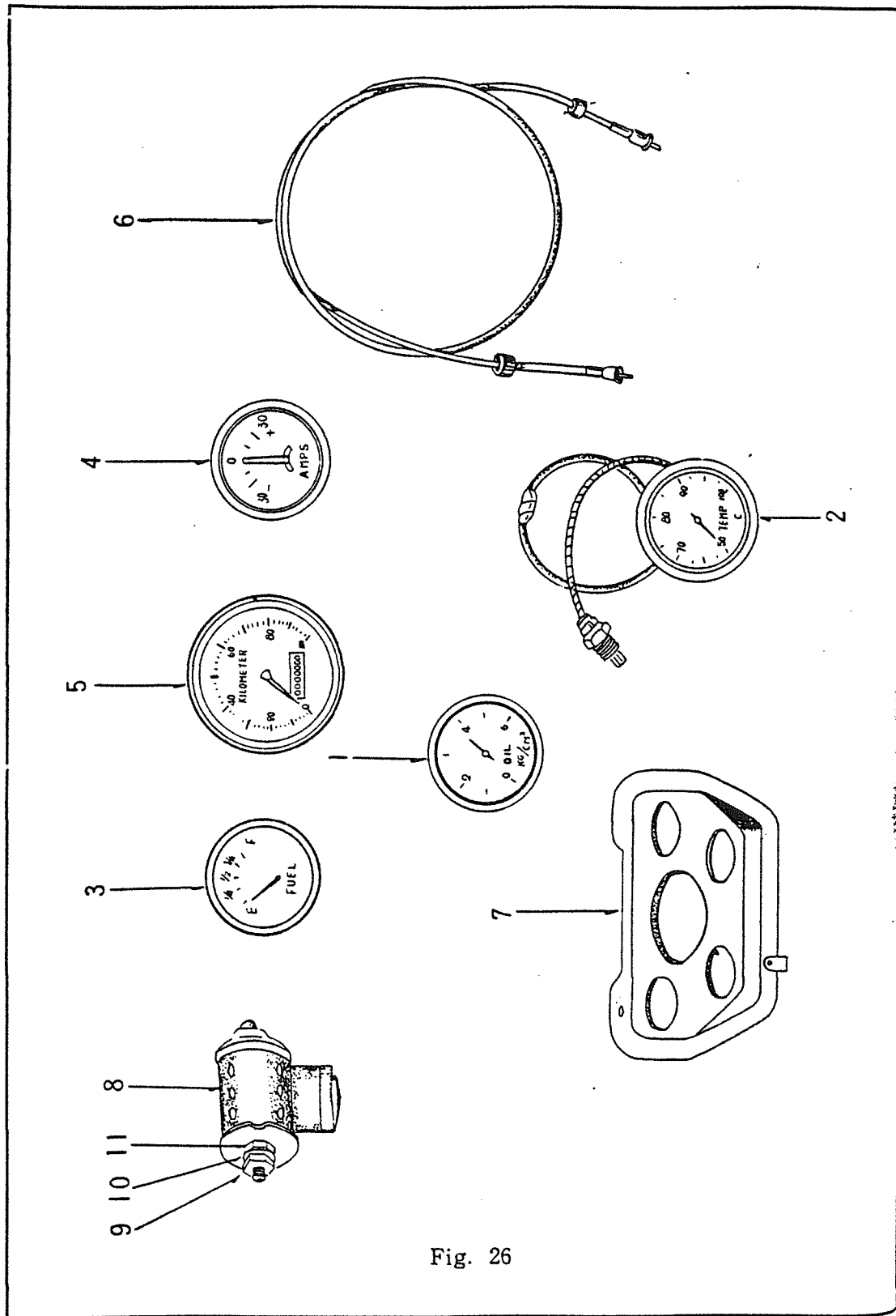


Fig. 26

Key	Parts No.	Nomenclature	No. Req'd	
			J4	J4C
INSTRUMENTS AND SPEEDOMETER (J4C)				
1	JM06622	Gauge ass'y (Gauge, oil pressure)		1
2	JM00791	Gauge ass'y (Gauge, temperature) 1	1	1
3	JM06152	Gauge ass'y (Gauge, fuel)		1
4	JM06150	Ammeter ass'y		1
5	JM05447	Speedometer ass'y 1	1	1
6	JM00789	Cable ass'y, speedometer 1	1	1
7	JM04278	Frame, instrument 1	1	1
8	JM06557	Resistance ass'y		1
9	J-GM-112432	Nut, hex.		1
10	J-GM-446165	Washer, plain		1
11	J-GM-131183	Lockwasher		1

SOCKET AND BLOCK

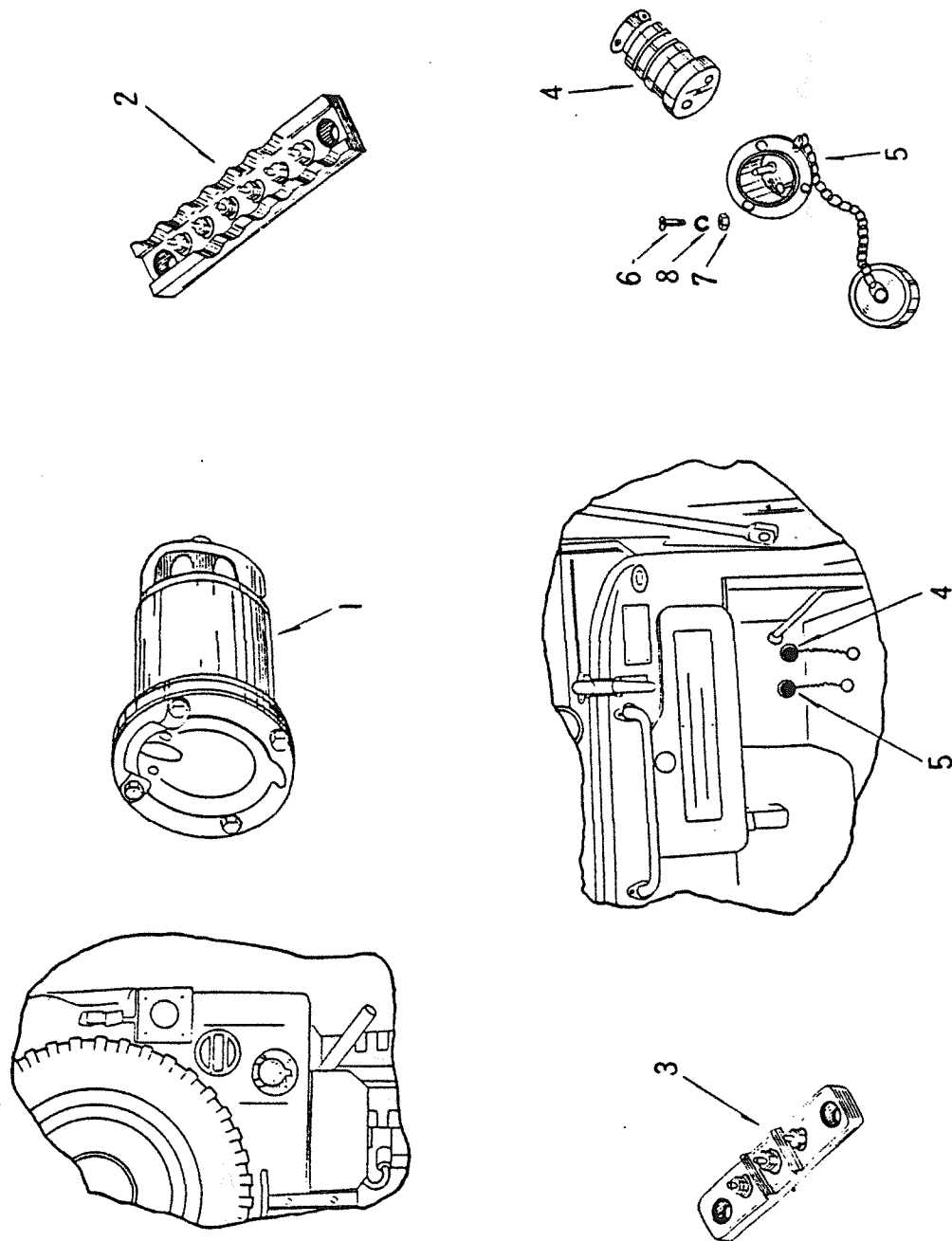


Fig. 27

Key	Parts No.	Nomenclature	No. Req'd	
			J4	J4C

SOCKET AND BLOCK

1	JM00293	Socket ass'y, trailer	1	1
2	JM00319	Block, junction	1	1
3	JM00896	Block, junction	1	1
4	JM00347	Plug ass'y, test lamp socket	1	
5	JM00348	Socket ass'y, red and test lamp	2	
6	J-GM-226780	Screw, pan hd.	6	
7	J-GM-426324	Nut, hex.	6	
8	J-GM-426219	Washer, spring	6	

RADIO TERMINAL BOX AND CABLE

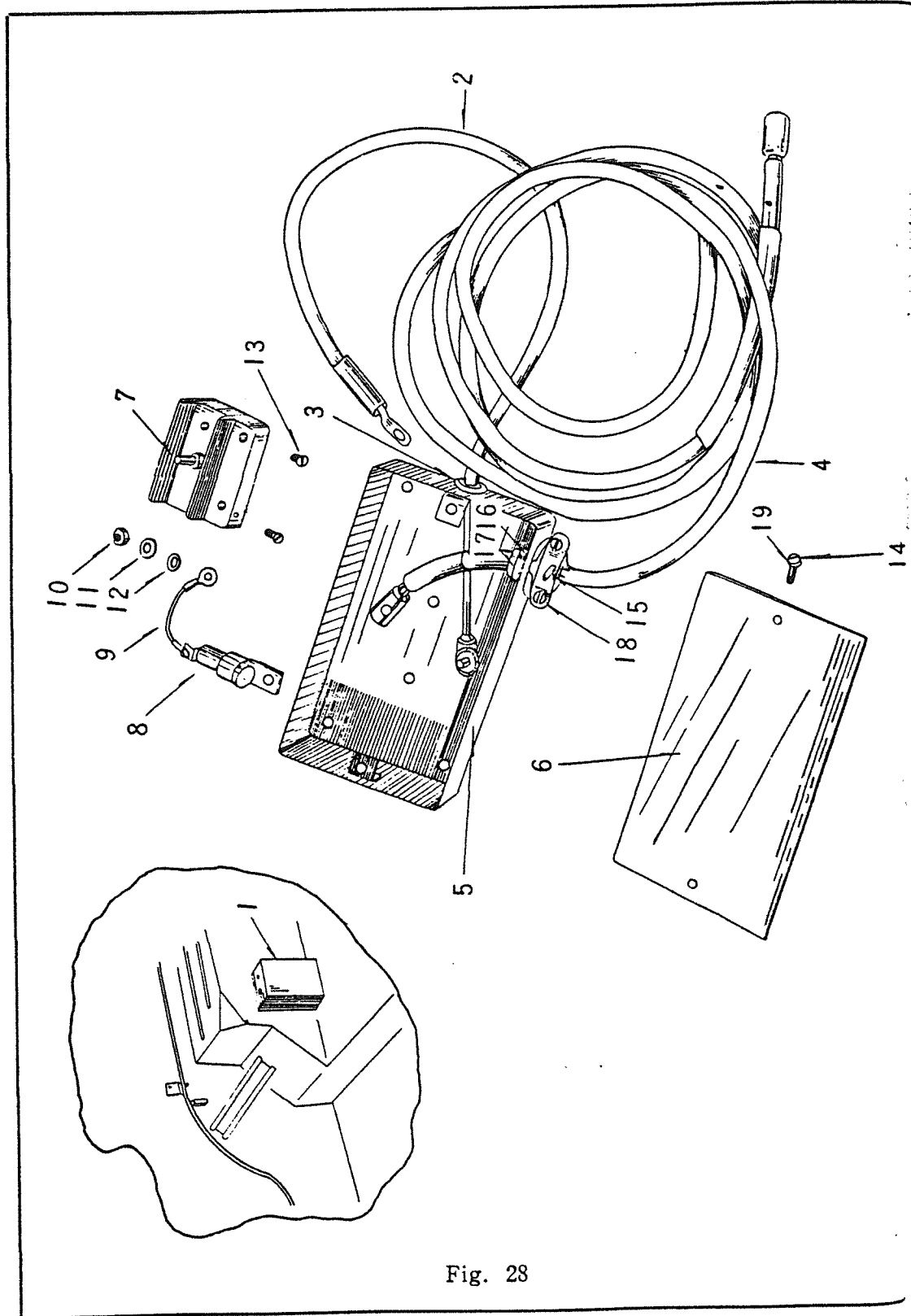


Fig. 28

Key	Parts No.	Nomenclature	No. Req'd	
			J4	J4C

RADIO TERMINAL BOX AND CABLE

1	JM02031	Box ass'y, radio terminal	1	1
2	JM00900	Cable, radio	1	1
3	JM00920	Grommet, radio terminal box	1	1
4	JM00901	Cable, radio	1	1
5	JM02020	Body ass'y, radio terminal	1	1
6	J-A-8134	Cover, terminal radio	1	1
7	JM02021	Plate, terminal	1	1
8	J-809013	Capacitor and screw	1	1
9	J-A-17337	Cable ass'y, radio terminal box	1	1
10	J-GM-114379	Nut, hex. radio terminal box	3	3
11	J-GM-446192	Washer, plain, radio terminal	3	3
12	J-GM-120380	Lockwasher, radio terminal box	2	2
13	J-GM-133629	Screw, terminal plate	2	2
14	J-GM-132908	Screw, rd. hd.	2	2
15	JM02299	Clamp set, connector, radio terminal box	1	1
16	JM02023	Nut, lock radio terminal box connector	1	1
17	JM02024	Nipple, connector radio terminal	1	1
18	J-GM-132056	Screw, fl. hd.	2	2
19	J-GM-120217	Lockwasher	2	2

BLACKOUT DRIVING LAMP

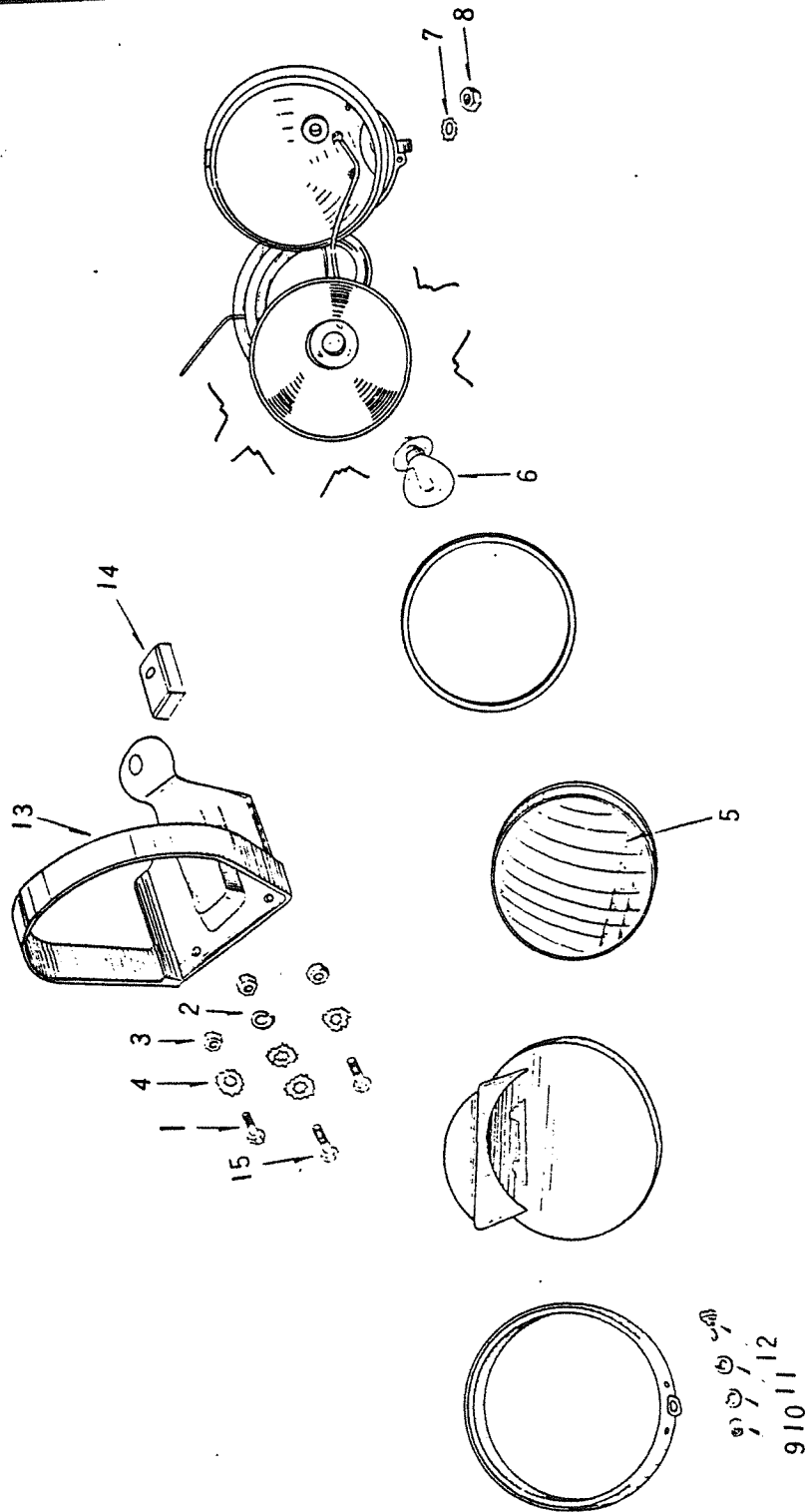


Fig. 29

Key	Parts No.	Nomenclature	No. Req'd	
			J4	J4C

BLACKOUT DRIVING LAMP

	JM00907	Light ass'y, blackout driving	1	
	JM06147	Light ass'y, blackout driving		1
1	J-GM-122007	Bolt, hex. hd.	2	2
2	J-GM-120214	Lockwasher	1	1
3	J-GM-120376	Nut, hex.	3	3
4	J-GM-178532	Lockwasher	4	4
5	JM01996	Lens ass'y, blackout driving light	1	1
6	JM01998	Lamp ass'y, blackout driving light	1	
	0018B-104	Lamp ass'y, blackout driving light		1
7	J-GM-138489	Lockwasher, external tooth	1	1
8	J-GM-193228	Nut, hex.	1	1
9	JM02003	Spacer, door fastener	1	
10	JM02006	Lockwasher, door fastener	1	1
11	JM02007	Washer, plain, door fastener	3	3
12	JM02004	Bolt, door fastener	1	1
13	JM00177	Bracket	1	1
14	JM00365	Spacer	1	1
15	J-GM-122017	Bolt, hex. hd.	1	1

HORN AND HORN BUTTON

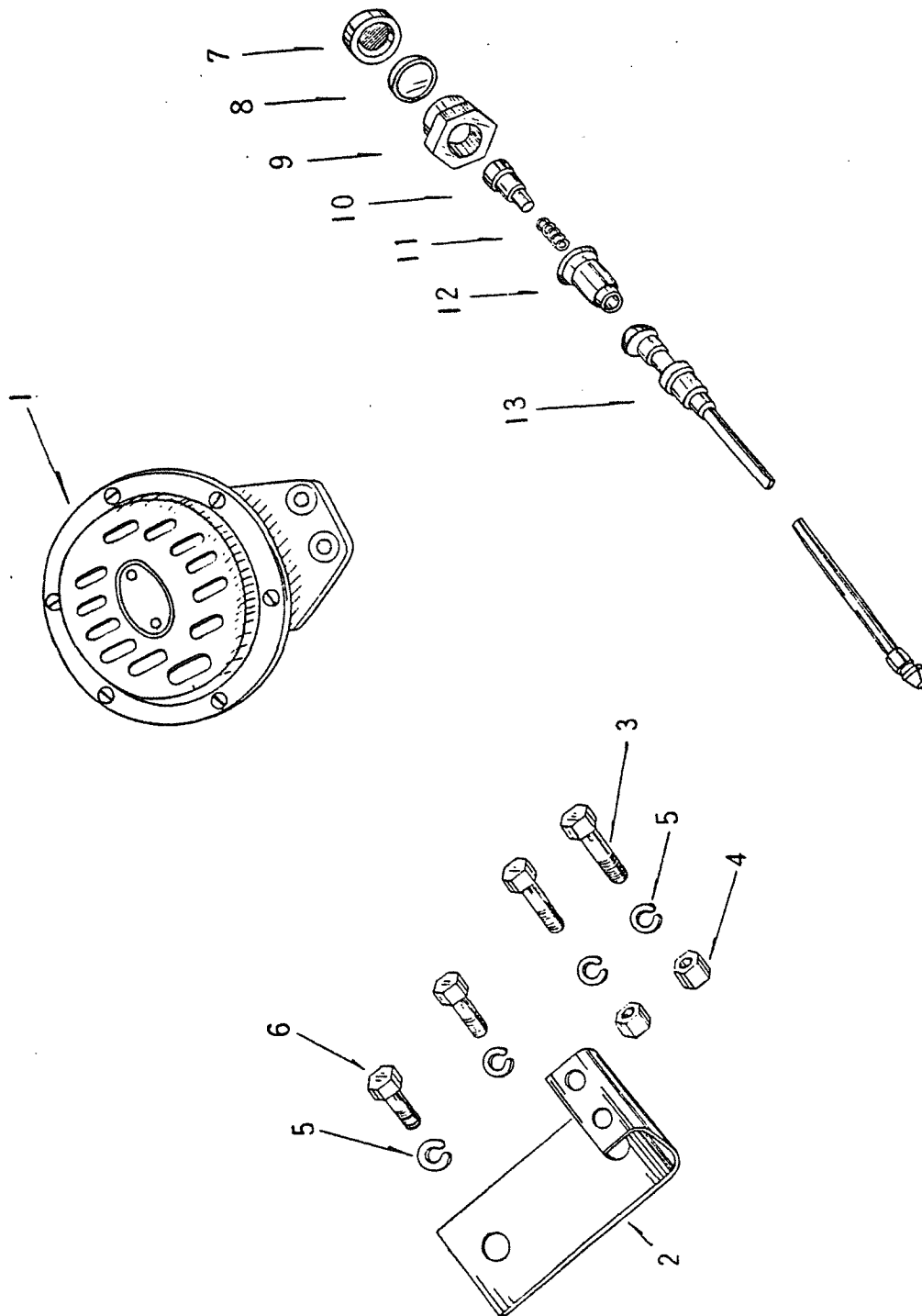


Fig. 30

Key	Parts No.	Nomenclature	No. Req'd	
			J4	J4C
HORN AND HORN BUTTON				
1	JM00965	Horn ass'y	1	
	JM06145	Horn ass'y		1
2	JM00693	Bracket, horn	1	1
3	J-GM-123774	Bolt, hex. hd.	2	2
4	J-GM-120368	Nut, hex.	2	2
5	J-GM-120214	Lockwasher	4	4
6	J-GM-120213	Bolt, hex. hd.	2	2
7	J-804623	Cap, horn button	1	1
8	J-801427	Cap, contact, horn button	1	1
9	J-801425	Nut, horn button	1	1
10	J-A-751	Ferrule, insulating, horn cable	1	1
11	J-638884	Spring, horn button	1	1
12	J-638885	Cup, horn button spring	1	1
13	J-801428	Cable and terminal, horn ass'y	1	1
	JM06414	Cable and terminal, horn ass'y		1

BATTERY SUPPORT AND CABLE (J4)

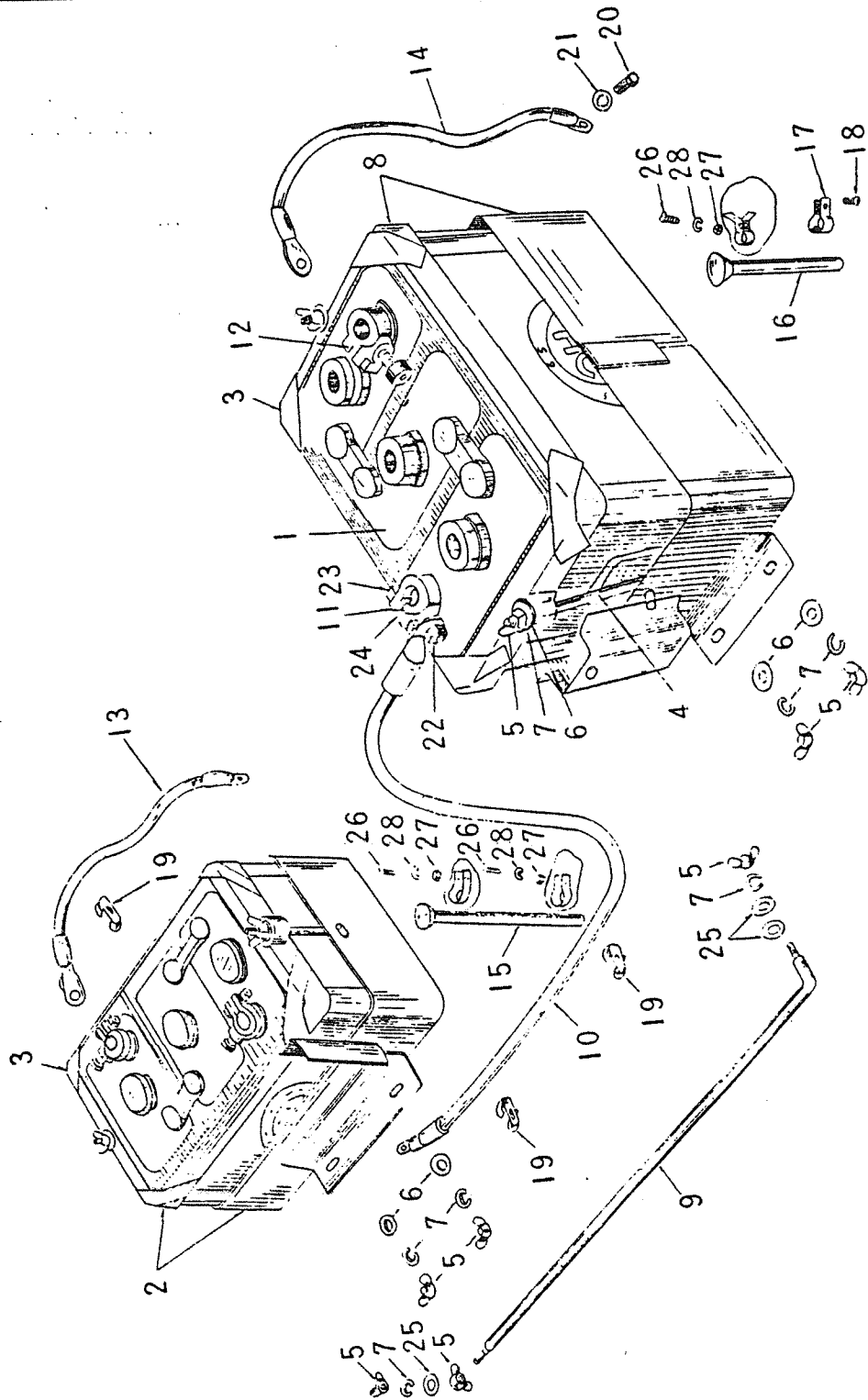


Fig. 31

Key	Parts No.	Nomenclature	No. Req'd	
			J4	J4C
BATTERY SUPPORT AND CABLE (J4)				
1	JM05392	Battery	2	
2	JM01521	Case, battery R.H.	1	
3	JM04225	Frame ass'y, holddown, battery	2	
4	JM01520	Bolt "L"	4	4
5	JM00719	Nut, wing	15	15
6	J-GM-120387	Washer, plain	12	12
7	J-GM-120214	Lockwasher	14	14
8	JM01522	Case, battery L.H.	1	
9	JM00720	Rod, tie, battery case R.H. to battery case L.H.	1	1
10	JM02174	Cable, battery to battery	1	
11	JM00722	Terminal, battery (+)	2	
12	JM00723	Terminal, battery (-)	2	
13	JM02175	Cable, battery to starter switch	1	
14	JM02176	Cable, battery to earth	1	
15	JM00829	Tube R.H.	1	1
16	JM00830	Tube L.H.	1	1
17	JM00831	Clip, clamp, tube L.H.	1	3
18	J-GM-125591	Screw, seat metal	3	3
19	JM00721	Clip, fastener, starter switch	3	1
20	J-GM-427926	Bolt, hex. hd.	1	1
21	J-GM-178551	Lockwasher	2	2
22	JM00777	Nut, battery terminal	2	
23	JM00725	Nut, battery terminal	2	
24	JM00724	Bolt, battery terminal	2	
25	J-GM-446363	Washer, plain	3	3
26	J-GM-120910	Screw, rd. hd.	3	3
27	J-GM-120361	Nut, hex.	3	3
28	J-GM-120217	Lockwasher	3	3

BATTERY SUPPORT AND CABLE (J4C)

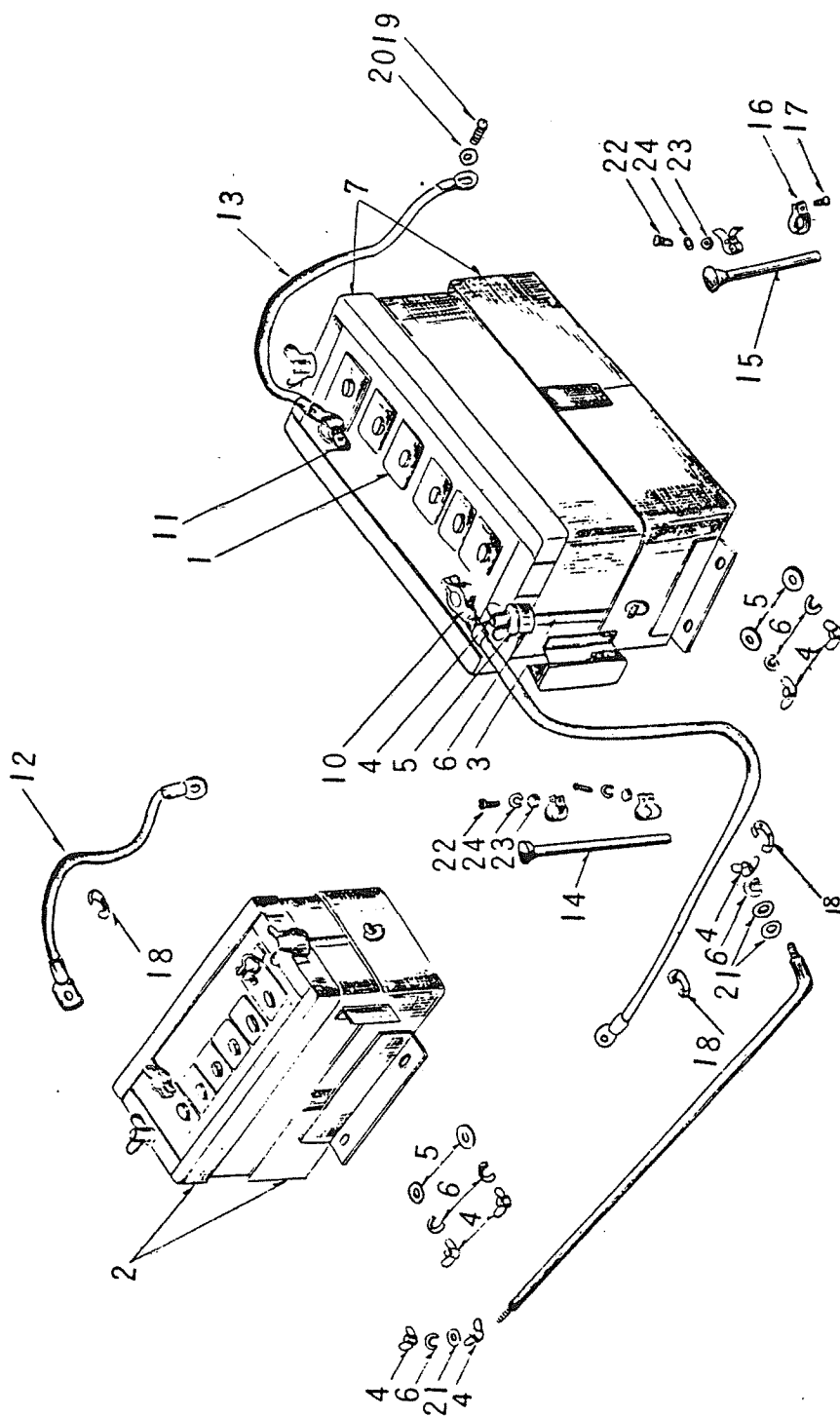


Fig. 32

Key	Parts No.	Nomenclature	No. Req'd	
			J4	J4C
BATTERY SUPPORT AND CABLE (J4C)				
1	JM06143	Battery		5
2	JM06184	Case, Battery (R.H.)		1
3	JM01520	Bolt, "L"	4	4
4	JM00719	Nut, wing	15	15
5	J-GM-120387	Washer plain	12	12
6	J-GM-120214	Lock washer	11	14
7	JM06185	Case, Battery (L.H.)		1
8	JM00720	Lod, tie, battery case	11	1
9	JM06415	Cable battery to battery		1
10	0032B-1	Terminal battery (+)		5
11	0032B-2	Terminal battery (-)		2
12	JM06416	Cable battery to starter switch		1
13	JM06418	Cable battery to earth		1
14	JM00829	Tube R.H.	1	1
15	JM00830	Tube L.H.	1	1
16	JM00831	Clip, clamp, tube L.H.	1	3
17	J-GM-125591	Screw, seat metal	3	3
18	JM00721	Clip fastener, starter switch	3	1
19	J-GM-427926	Bolt, hex, hed	1	1
20	J-GM-178551	Lockwasher	2	2
21	J-GM-446363	Washer, plain	3	3
22	J-GM-120910	Screw, rd.	3	3
23	J-GM-120361	Nut, hex	3	3
24	J-GM-120217	Lockwasher	3	3

SOCKET ASS'Y

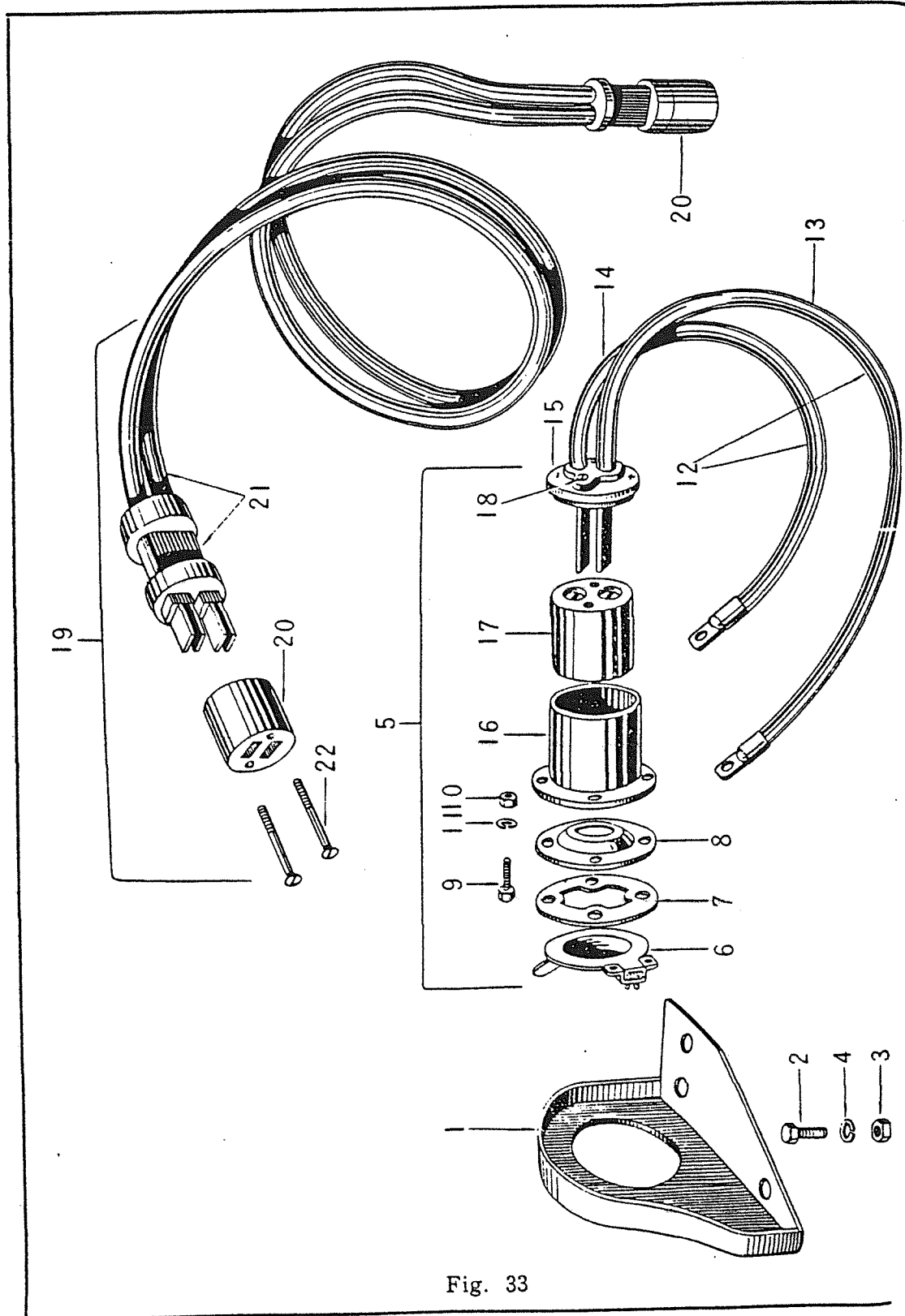


Fig. 33

Key	Parts No.	Nomenclature	No. Req'd	
			J4	J4C
SOCKET ASS'Y				
1	JMC0179	Bracket, socket, slave cable	1	1
2	J-GM-120228	Bolt, hex. hd.	3	3
3	J-GM-120376	Nut, hex.	3	3
4	J-GM-120214	Lockwasher	3	3
5	JM00351	Socket ass'y, battery charger connector	1	1
6	JM02011	Cap ass'y, battery charger connector socket	1	1
7	JM02012	Plate, socketcase, battery charger connector	1	1
8	JM02013	Grommet, socket cap, battery charger connector	1	1
9	JM02014	Bolt, hex. hd.	4	4
10	JM01986	Nut, hex.	4	4
11	JM01987	Lockwasher	4	4
12	JM02017	Cable ass'y, connector socket battery charger	1	1
13	JM02088	Cable, connector socket battery charger (+)	1	1
14	JM02089	Cable, connector socket battery charger (-)	1	1
15	JM02090	Cap, consent, battery charger connector socket	1	1
16	JM02018	Body ass'y, battery charger connector socket	1	1
17	JM02092	Insulating plate, battery charger connector socket	1	1
18	JM02019	Screw, fl. hd.	2	2
19	JM00047	Connector ass'y, plug battery charger	1	1
20	JM02008	Cap, plug, battery charger connector	2	2
21	JM02010	Plug ass'y, sub battery charger connector	1	1
22	JM02009	Screw, plug cap, battery charger connector	4	4

BODY AND CHASSIS WIRING DIAGRAM (J4)

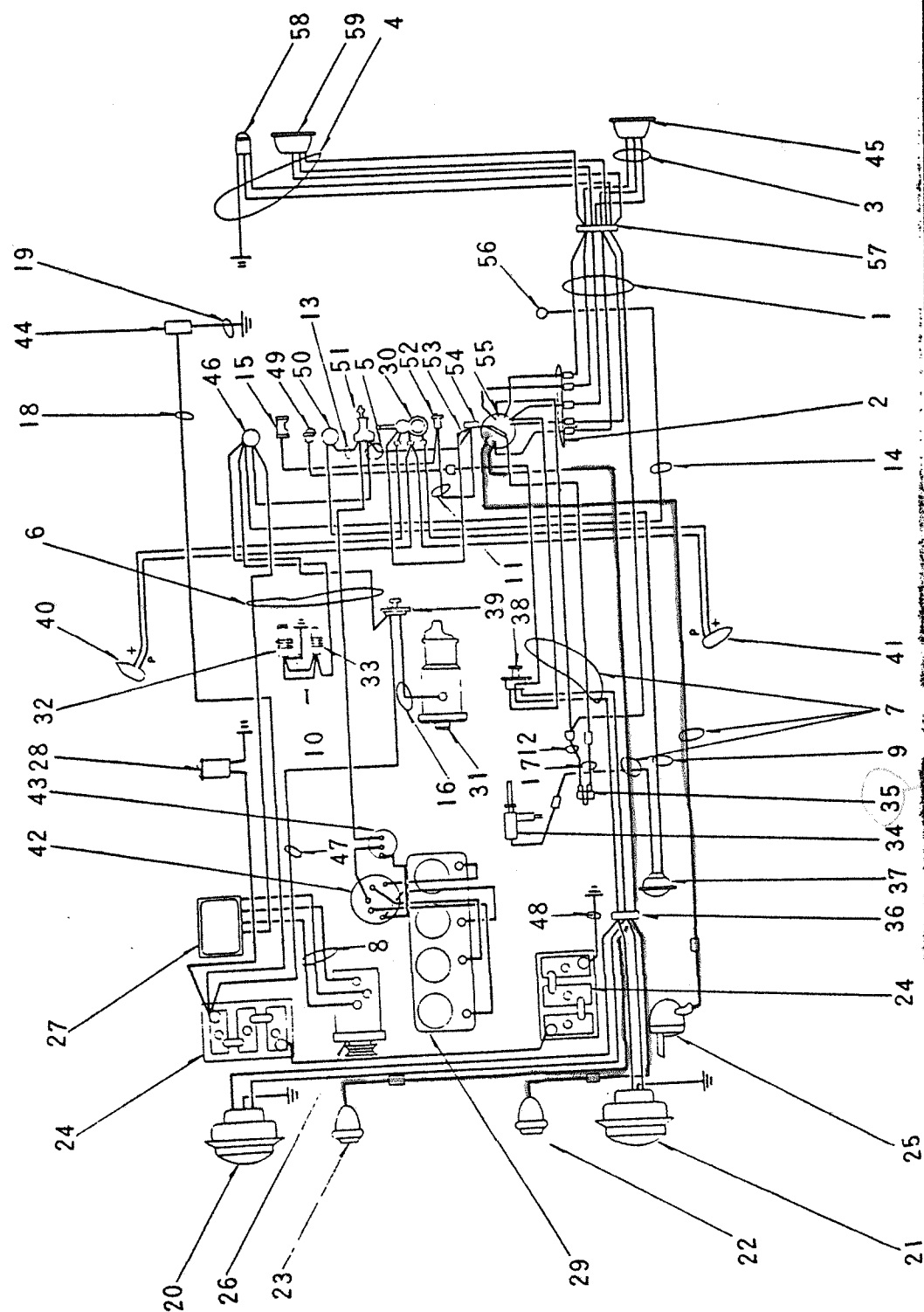


Fig. 34

Key	Parts No.	Nomenclature	No. Req'd	
			J4	J4C

BODY AND CHASSIS WIRING DIAGRAM (J4)

1	JM00846	Harness, A	1	
2	JM00847	Harness, B	1	
3	JM00848	Harness, C	1	
4	JM00849	Harness, D	1	
5	JM00557	Harness, E	1	
6	JM04290	Harness, F	1	
7	JM00851	Harness, G	1	
8	JM00852	Harness, H	1	
9	JM00898	Wiring, A	1	
10	JM00326	Wiring, B	3	
11	JM00327	Wiring, C	1	
12	JM00922	Wiring, D	1	
13	JM00361	Wiring, E	1	
14	JM00899	Wiring, F	1	
15	JM04280	Light ass'y, panel	1	
16	JM01777	Cable ass'y, starting switch to starting motor	1	
17	JM00936	Wiring, K	1	
18	JM00901	Cable, radio (-)	1	
19	JM00900	Cable, radio (+)	1	
20	JM00799	Light ass'y, head R.H.	1	
21	JM00798	Light ass'y, head L.H.	1	
22	JM00895	Light ass'y, blackout marker L.H.	1	
23	JM00895	Light ass'y, blackout marker R.H.	1	
24	JM05392	Battery	2	
25	JM00907	Light ass'y, blackout driving	1	
26	J-808618	Generator ass'y	1	
27	J-808620	Circuit breaker and regulator ass'y	1	
28	JM00180	Socket ass'y, slave cable	1	
29	JM61000	Engine ass'y, complete with clutch	1	
30	JM04211	Hand lever and harness ass'y, winker	1	

Key	Parts No.	Nomenclature	No. Req'd J4	No. Req'd J4C
BODY AND CHASSIS WIRING DIAGRAM (J4) (Continued)				
31	J-810561	Starting motor ass'y	1	
32	JM00348	Socket ass'y, red and test lamp	1	
33	JM00348	Socket ass'y, red and test lamp	1	
34	J-801428	Cable and terminal ass'y, horn button	1	
35	JM00816	Switch ass'y, stopping	1	
36	JM00896	Block, junction	1	1
37	JM00965	Horn ass'y	1	
38	JM00817	Switch dimmer	1	1
39	JM02236	Switch, kick starter	1	
40	JM04213	Winker ass'y, R.H.	1	
41	JM04212	Winker ass'y, L.H.	1	
42	J-808365-1	Distributor, ignition, ass'y	1	1
43	JM60359	Coil, ignition	1	
44	JM02031	Box ass'y, radio terminal	1	1
45	JM00292	Light ass'y, blackout tail and stop L.H.	1	
46	JM00954	Ammeter ass'y	1	
47	JM02175	Cable, battery to starter switch	1	
48	JM02176	Cable, battery to earth	1	
49	JM00858	Lamp ass'y, tell-tale	1	
50	JM00955	Gauge ass'y, fuel	1	
51	JM00815	Switch ass'y, ignition	1	
52	JM00350	Switch, instrument panel light	1	
53	JM01289	Fuse and holder ass'y	1	
54	JM01638	Breaker, circuit	1	
55	JM00349	Switch, rotary	1	
56	JM00091	Gauge ass'y, fuel unit	1	
57	JM00319	Block, junction	1	
58	JM00293	Socket ass'y, trailer	1	
59	JM00291	Light ass'y, blackout tail and stop R.H.	1	

BODY AND CHASSIS WIRING DIAGRAM (J4C)

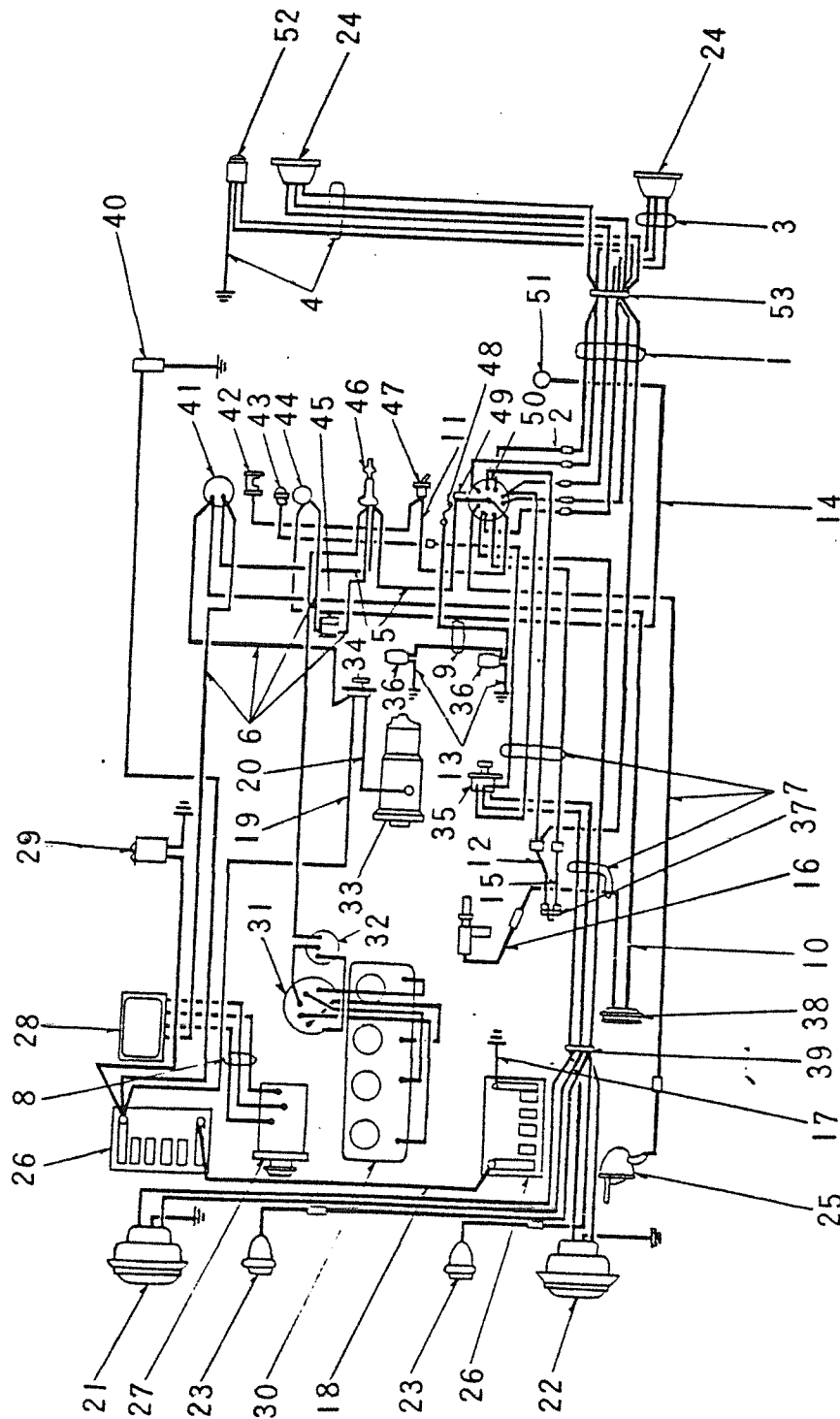


Fig. 35

Key	Parts No.	Nomenclature	No. Req'd J4 J4C
BODY AND CHASSIS WIRING DIAGRAM (J4C)			
1	JM06398	Harness, chassis	1
2	JM06399	Harness, light switch to chassis	1
3	JM06400	Harness, body rear L.H.	1
4	JM06401	Harness, body rear R.H.	1
5	JM06402	Harness, circuit breaker to ignition	1
6	JM06403	Harness, body front R.H.	1
7	JM06404	Harness, body front L.H.	1
8	JM06405	Harness, generator to regulator	1
9	JM06406	Harness, wiper	1
10	JM06407	Wire, horn to ammeter	1
11	JM06408	Wire, panel light switch.....	1
12	JM06409	Wire, stop light switch.....	2
13	JM06410	Wire, wiper earth	1
14	JM06411	Wire, fuel gauge	1
15	JM06412	Wire, stop light switch	1
16	JM06413	Horn cable ass'y, complete	1
17	JM06418	Cable, battery to earth	1
18	JM06415	Cable, battery to battery	1
19	JM06416	Cable, battery to starter switch	1
20	JM06417	Cable, starter switch to starter motor	1
21	JM06149	Light ass'y, head R.H.	1
22	JM06148	Light ass'y, head L.H.	1
23	JM06144	Light ass'y, blackout marker light	1
24	JM06146	Light ass'y, blackout tail and stop	1
25	JM06147	Light ass'y, blackout driving	1
26	JM06143	Storage battery, charged & dry 2HN	1
27	JM60939	Generator ass'y	1
28	JM60940	Circuit breaker & regulator ass'y	1
29	JM00180	Socket ass'y, slave cable	1
30	JM63148	Engine ass'y, complete	1

Key	Parts No.	Nomenclature	No. Req'd	
			J4	J4C
BODY AND CHASSIS WIRING DIAGRAM (J4C) (Continued)				
31	J-808365-1	Distributor, ignition, ass'y	1	1
32	JM60515	Coil, ignition		1
33	JM60512	Starter ass'y		1
34	JM02236	Switch, kick starter	1	1
35	JM00817	Switch, dimmer	1	1
36	JM06374	Motor, windshield wiper, electrical		2
37	JM00816	Switch ass'y, stopping	1	1
38	JM06145	Horn ass'y		1
39	JM00896	Block, junction	1	1
40	JM02031	Box ass'y, radio terminal	1	1
41	JM06150	Ammeter ass'y		1
42	JM06166	Light ass'y, panel		1
43	JM06167	Lamp ass'y, tell-tale		1
44	JM06152	Gauge ass'y (Gauge, fuel)		1
45	JM06557	Resistance ass'y		1
46	JM00815	Switch ass'y, ignition	1	1
47	JM06387	Switch, instrument panel light		1
48	JM04367	Holder ass'y, fuse		1
49	JM06388	Breaker, circuit		1
50	JM00349	Switch, rotary	1	1
51	JM00091	Gauge ass'y, fuel unit	1	1
52	JM00293	Socket ass'y, trailer	1	1
53	JM00319	Block, junction	1	1

HEAD LIGHT (J4)

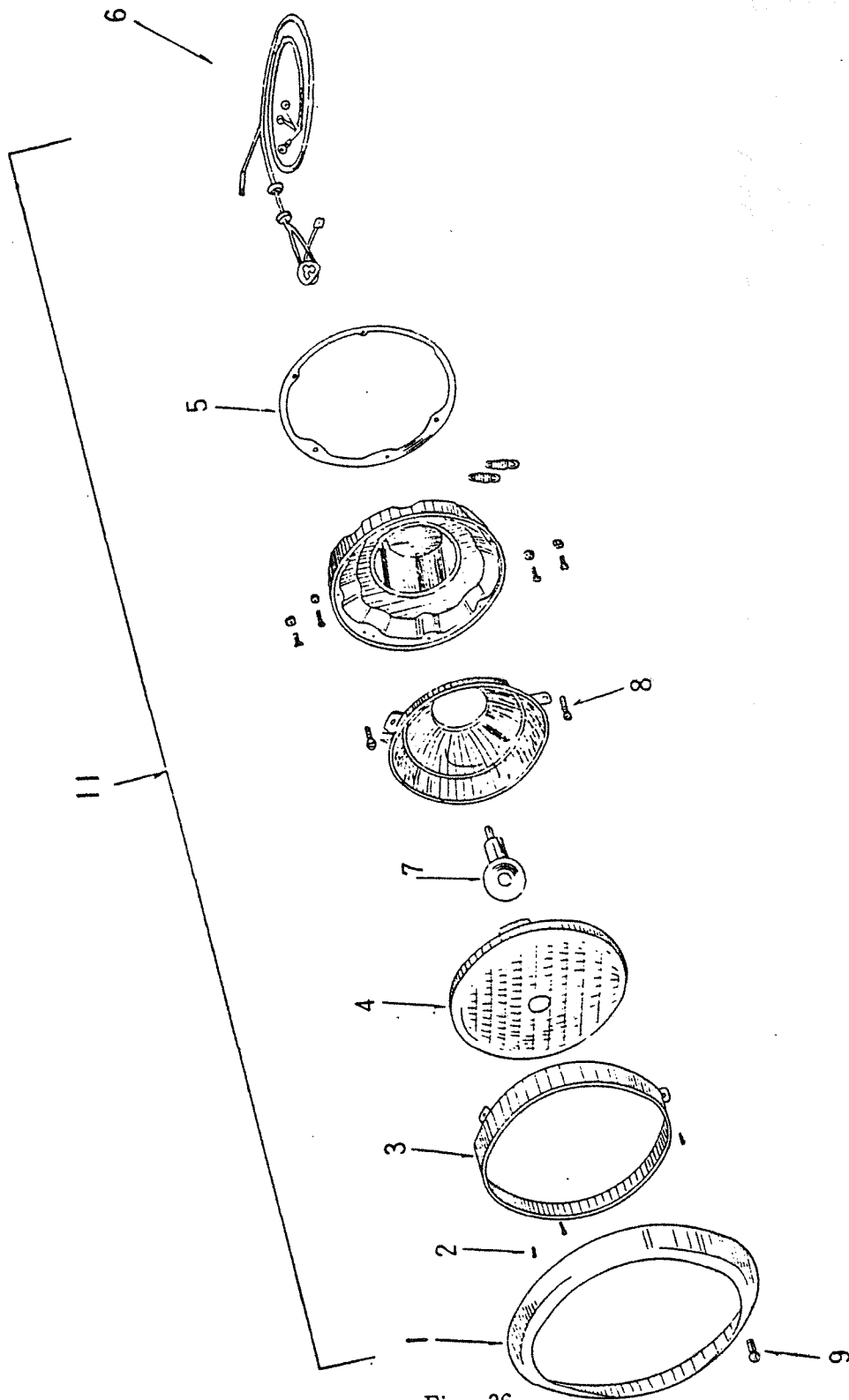


Fig. 36

Key	Parts No.	Nomenclature	No. Req'd	
			J4	J4C
HEAD LIGHT (J4)				
1	JM01785	Door, head light	2	
2	J-GM-117114	Screw, rd. hd.	6	
3	JM01786	Ring ass'y, head light unit retaining	2	
4	JM01787	Light, unit, head light	2	
5	JM00910	Gasket, head light	2	2
6	JM01791	Wire ass'y, head light L.H.	1	
	JM01792	Wire ass'y, head light R.H.	1	
7	JM01793	Lamp, head light	2	
8	JM01794	Screw, adjusting	4	
9	J-GM-134211	Screw, pan hd.	2	
10	JM01795	Nut, adjusting	4	
11	JM00798	Light ass'y, head L.H.	1	
	JM00799	Light ass'y, head R.H.	1	

HEAD LIGHT (J4C)

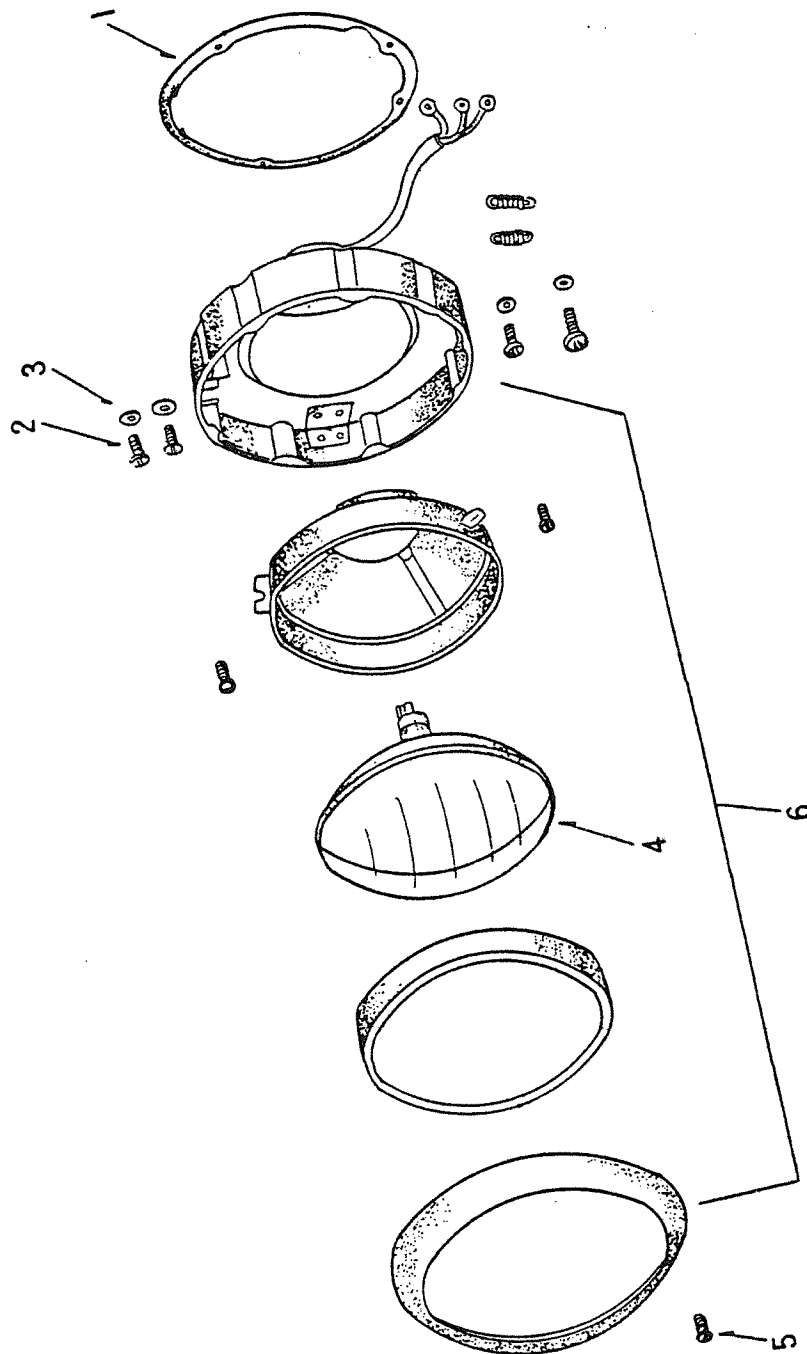


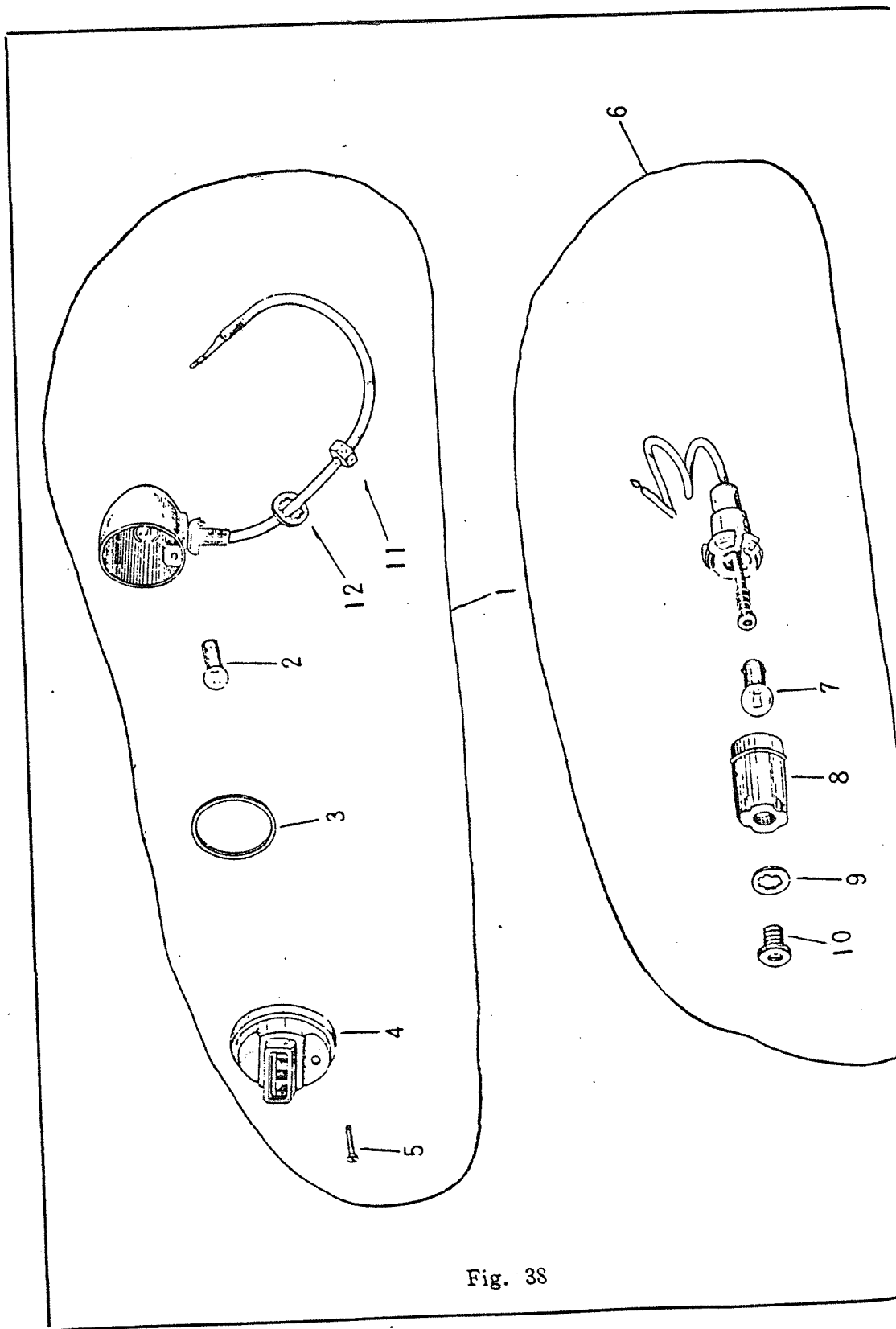
Fig. 37

Key	Parts No.	Nomenclature	No. Req'd	
			J4	J4C

HEAD LIGHT (J4C)

1	JM00910	Gasket, head light	2	2
2	J-GM-145193	Screw		8
3	J-GM-138479	Lockwasher		8
4	JM06154	Unit, sealed beam		2
5	JM05433	Screw		2
6	JM06148	Light ass'y, head L.H.		1
	<u>JM06149</u>	Light ass'y, head R.H.		1

MARKER LAMP AND TELL-TALE LAMP



Key	Parts No.	Nomenclature	No. Req'd	
			J4	J4C

MARKER LAMP AND TELL-TALE LAMP

1	<u>JM00895</u>	Light ass'y, blackout marker light	2	
	<u>JM06144</u>	Light ass'y, blackout marker light		2
2	JM01974	Lamp, blackout marker light	2	
	0018B-404	Lamp, blackout marker light		2
3	JM01975	Gasket, blackout marker light	2	
4	JM01976	Door, blackout marker light	2	
5	JM01977	Screw, door to housing	2	
6	JM00858	<u>Lamp ass'y, tell-tale</u>	1	
	JM06167	<u>Lamp ass'y, tell-tale</u>		1
7	JM00859-4	Lamp, tell-tale	1	
	0018B-506	Lamp, tell-tale		1
8	JM00864	Adapter, tell-tale lamp	1	
9	JM00865	Door ass'y, tell-tale lamp	1	
10	J-GM-138538	Washer, tell-tale lamp	1	
11	J-GM-120371	Nut, hex	2	2
12	J-GM-138549	Washer	2	2

TAIL AND STOP LIGHT (J4)

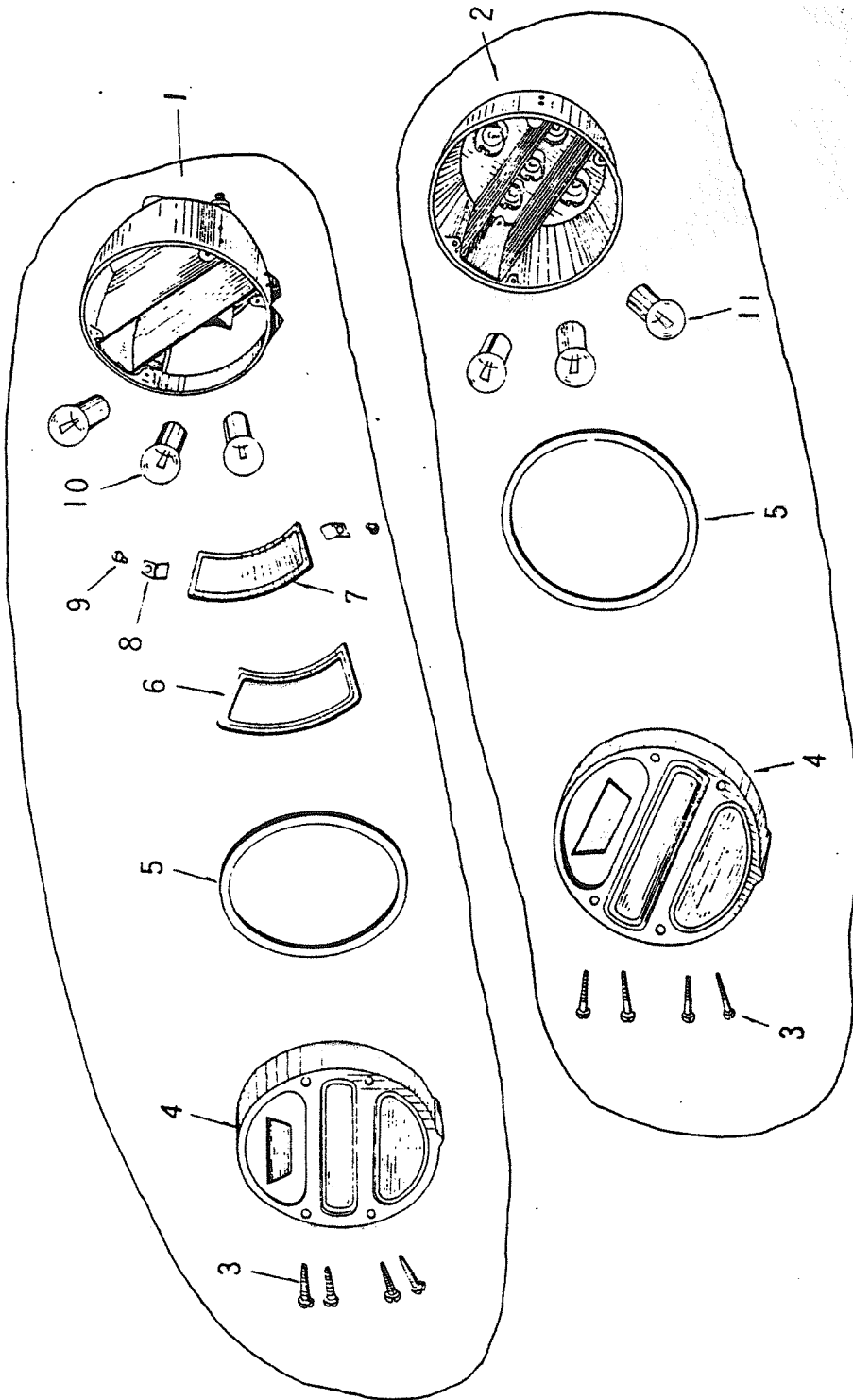


Fig. 39

Key	Parts No.	Nomenclature	No. Req'd	
			J4	J4C

TAIL AND STOP LIGHT (J4)

1	<u>JM00292</u>	Light ass'y, blackout tail and stop L.H.	1	
2	<u>JM00291</u>	Light ass'y, blackout tail and stop R.H.	1	
3	JM01980	Screw and lockwasher, door	4	
4	JM01988	Door, blackout tail and stop light	2	
5	JM01981	Gasket, blackout tail and stop light	2	
6	JM01989	Gasket, blackout tail and stop light lens	1	
7	JM01990	Lens, blackout tail and stop light	1	
8	JM01991	Retainer, lens, blackout tail and stop light	2	
9	JM01992	Screw, lens retainer	2	
0	JM01982	Lamp, blackout tail and stop light	2	
1	JM01984	Lamp, blackout tail and stop light	4	

TAIL AND STOP LIGHT (J4C)

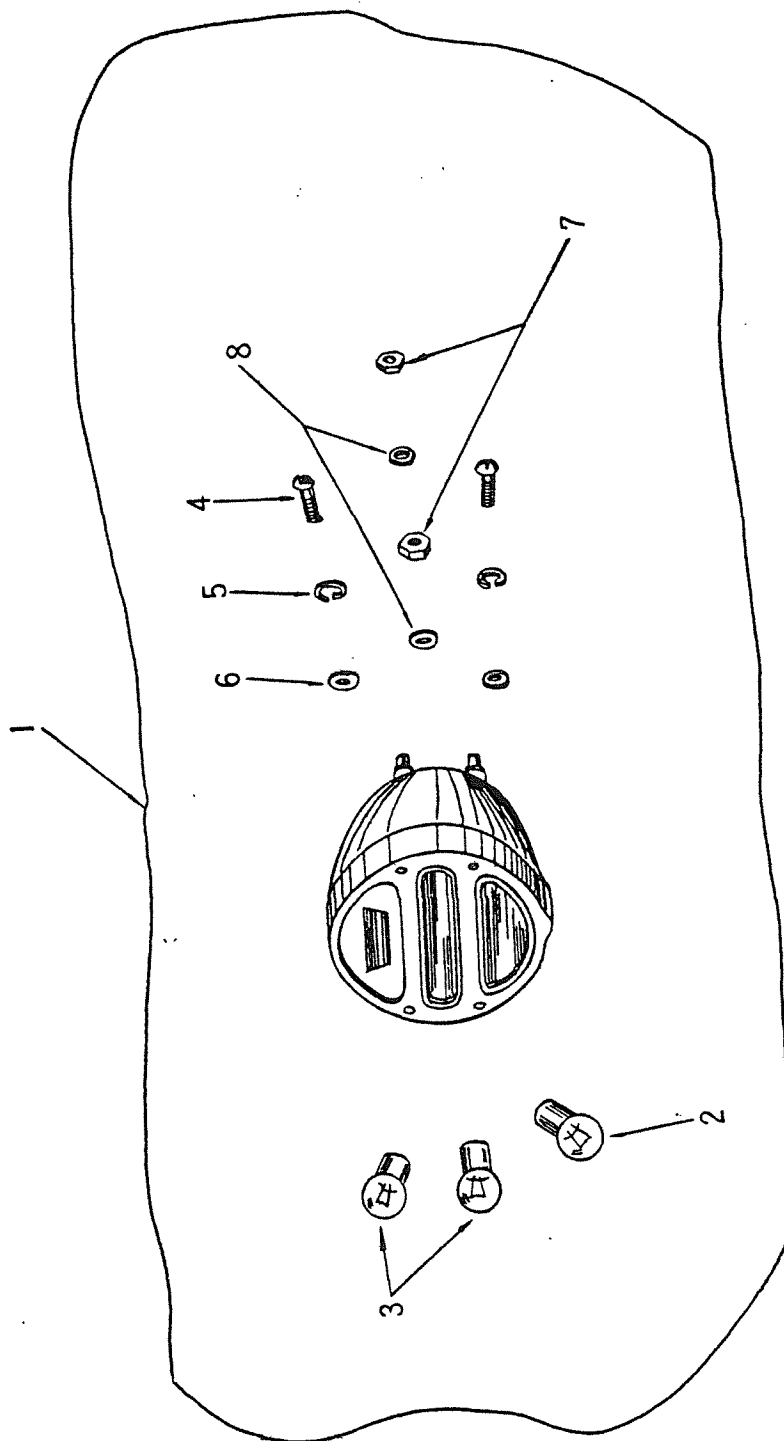


Fig. 40

Key	Parts No.	Nomenclature	No. Req'd J4J4C
TAIL AND STOP LIGHT (J4C)			
1	<u>JM06146</u>	Light ass'y, blackout tail and stop	2
2	0018B-404	Lamp, blackout and stop light	2
3	0018B-405	Lamp, blackout and stop light	4
4	JM02081	Screw, rd. hd.	6
5	JM02082	Lockwasher	6
6	JM02083	Washer, fl.	6
7	JM01986	Nut, hex.	8
8	J-GM-121753	Lockwasher	8

798-2770-7 (J3BJ-10
 JM01586
 2770-7

STARTING MOTOR (J4)

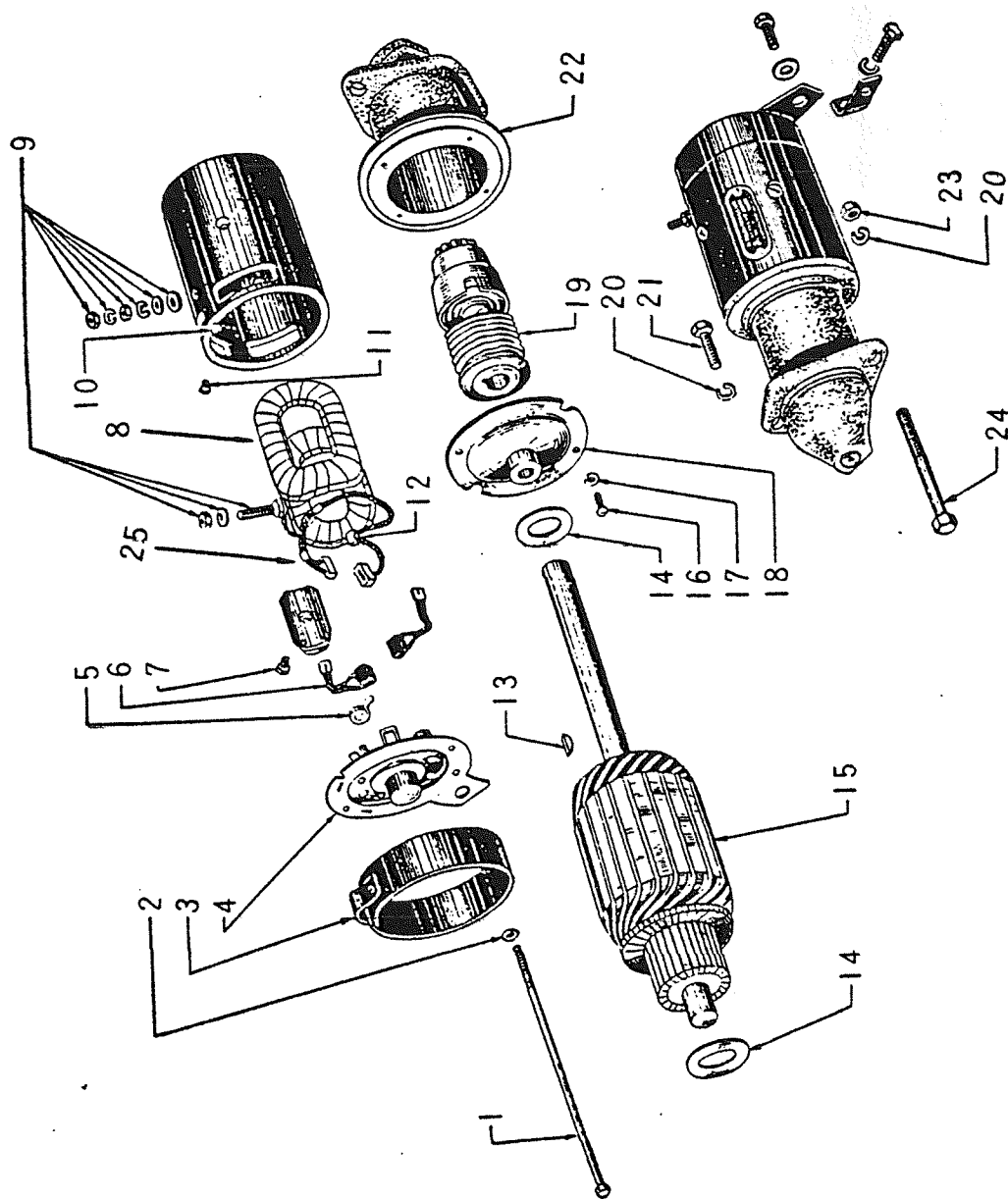


Fig. 41

Key	Parts No.	Nomenclature	No. Req'd	
			J4	J4C

STARTING MOTOR (J4)

	J-810561	Starting motor ass'y	1	
1	J-119831	Bolt, through	2	2
2	J-A-9041	Lockwasher, through bolt	2	2
3	J-119607	Band, cover	1	1
4	JM61880	Head, commutator end, ass'y	1	
5	J-109445	Spring, brush	4	4
6	JM61883	Brush, starter	2	
7	J-302349	Screw, pole shoe	4	
8	JM61886	Package, field coil	1	
9	JM61902	Terminal, starter, ass'y	1	
10	J-A-1609	Pin, dowel	2	2
11	J-GM-121540	Screw, ground	2	2
12	JM61885	Equalizer	1	
13	J-GM-106750	Key, bendix drive	1	1
14	J-117337	Washer, thrust	As req'd	
15	JM61894	Armature ass'y	1	
16	J-GM-132908	Screw, internal bearing	2	2
17	J-A-1614	Lockwasher	2	4
18	J-119833	Bearing, bronze absorbent	1	1
19	J-119597	Drive, bendix	1	
20	J-GM-120384	Lockwasher	2	2
21	J-GM-120426	Bolt, hex. hd.	1	1
22	JM61898	Housing, pinion	1	1
23	J-GM-120371	Nut, hex.	1	1
24	J-GM-124378	Bolt, hex. hd.	1	1
25	J-119591	Brush, ground	2	
	JM61881	Brush set, starting motor	1	

Consists of :

J-119591	2 Brush, ground
JM61883	2 Brush

STARTING MOTOR (J4C)

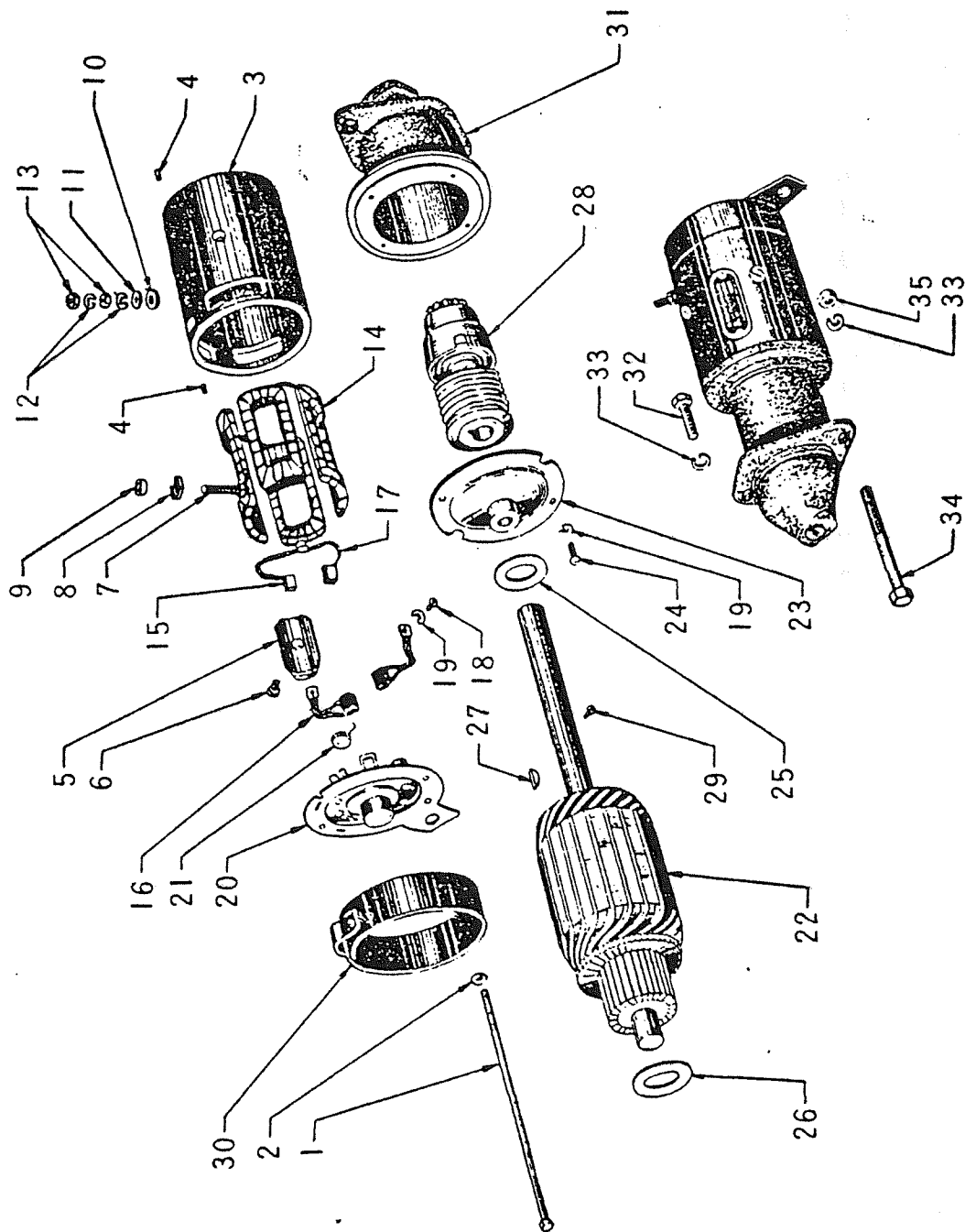


Fig. 42

Key	Parts No.	Nomenclature	No. Req'd	
			J4	J4C
STARTING MOTOR (J4C)				
1—31	JM60512	Starting motor ass'y	1	
1	J-119831	Bolt, through	2	2
2	J-A-9041	Lockwasher, through bolt	2	2
3—19	JM61406	Frame and field ass'y	1	
3	JM62062	Frame	1	
4	J-A-1609	Pin, dowel	2	2
8	JM61892	Pole shoe	4	
6	J-302349	Screw, pole shoe	4	4
7	JM61887	Stud, terminal	1	
8	JM61897	Washer, insulating, terminal stud inner	1	
9	JM61891	Bushing, insulating, terminal stud	1	
10	J-119295	Washer, insulating, terminal stud outer	1	
11	J-A-1555	Washer, plain, terminal stud	1	
12	J-A-5288	Washer, spring, terminal stud	2	
13	J-GM-134556	Nut, terminal stud	2	
14	JM61407	Coil, field	1	
15	JM61413	Brush ass'y (+)	2	
16	JM61419	Brush ass'y (—)	2	
17	JM61424	Equalizer	1	
18	J-GM-121540	Screw, ground	2	2
19	J-A-1614	Washer, spring, ground screw	2	4
20	JM61428	Head, commutator end ass'y	1	
21	J-109445	Spring, brush	4	4
22	JM61429	Armature ass'y	1	
23	J-119833	Bearing ass'y, intermediate	1	1
24	J-GM-132908	Screw, intermediate bearing	2	2
25	J-109455	Washer, shock absorbing	As req'd	As req'd
26	JM62085	Washer, thrust, adjusting end	As req'd	
27	J-GM-106750	Key, drive end	1	1
28	JM61442	Drive, bendix, ass'y	1	

Key	Parts No.	Nomenclature	No. Req'd	
			J4	J4C

STARTING MOTOR (J4C) (Continued)

29	JM61033	Screw, special	1	
30	J-119607	Band, cover	1	1
31	JM61898	Housing, pinion	1	1
32	J-GM-120426	Bolt, hex. hd.	1	1
33	J-GM-120384	Lockwasher	2	2
34	J-GM-124378	Bolt, hex. hd.	1	1
35	J-GM-120371	Nut, hex.	1	1
	JM60959	Brush set, starter		1
		Consists of:		
	JM61413	2. Brush ass'y (+)		
	JM61419	2. Brush ass'y (-)		
	JM60965	Kit, repair, starter		1
		Consists of:		
	JM60959	1. Brush set		
	J-109445	4. Spring, brush		
	J-GM-134556	2. Nut, terminal		
	J-A-5288	2. Washer, terminal stud		
	J-119831	2. Bolt, through		
	J-A-9041	2. Lockwasher		
	J-GM-132908	2. Screw		
	J-A-1614	2. Lockwasher		
	J-119833	1. Bearing ass'y		
	J-109455	1. Washer		
	J-117337	1. Washer		
	J-119596	1. Washer		

CIRCUIT BREAKER AND REGULATOR (J4)

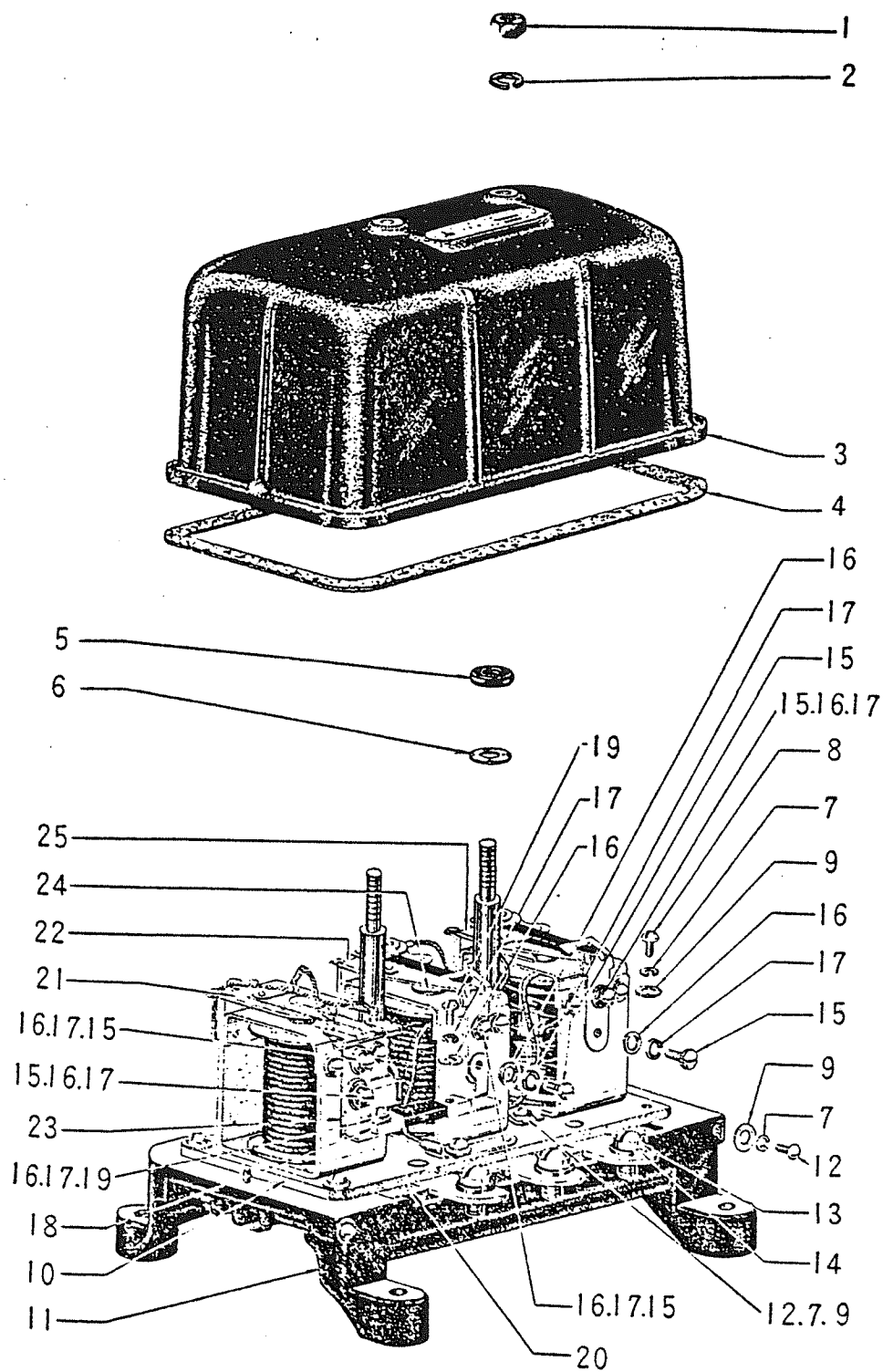


Fig. 43

Key	Parts No.	Nomenclature	No. Req'd J4	No. Req'd J46
CIRCUIT BREAKER AND REGULATOR (J4)				
	J-808620	Circuit breaker and regulator ass'y	1	
1	J-GM-134551	Nut, hex.	2	2
2	J-A-9041	Washer, spring	2	2
3	JM61866	Cover, regulator	1	1
4	JM61862	Gasket, cover regulator	1	
5	JM61867	Washer, rubber	2	2
6	JM61905	Washer, plain	2	2
7	J-A-1614	Washer, spring	11	12
8	J-GM-132908	Screw, round head	7	7
9	JM61906	Washer, plain	11	12
10	JM61865	Base, sub, regulator ass'y	1	
11	JM61864	Base, regulator ass'y	1	1
12	J-GM-121540	Screw, round head	4	2
13	JM61876	Screw, oval fillister head	3	3
14	J-A-5288	Washer, spring	3	3
15	J-GM-131966	Screw, contact stop	6	6
16	J-A-1666	Washer, plain	8	6
17	J-A-10294	Washer, spring, contact stop	8	9
18	JM61871	Resistor	1	
19	J-GM-132760	Screw, rd. hd.	8	
20	JM61870	Seal, lead, regulator	1	1
21	JM61857	Armature, circuit breaker, ass'y	1	1
22	JM61856	Armature, current regulator, ass'y	1	
23	JM61863	Insulator, stationary contact circuit breaker	1 set	
24	JM61869	Spacer, armature, current regulator	1	
25	JM61855	Armature, voltage regulator, ass'y	1	
	JM61007	Kit, repair, regulator	1	
		Consists of:		
	JM61856	1. Armature		
	J-GM-131966	3. Screw, contact stop		

Key	Parts No.	Nomenclature	No. Req'd J4 J4C
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CIRCUIT BREAKER AND REGULATOR (J4) (Continued)

J-A-10294	3. Washer, spring
J-A-1666	3. Washer, plain
JM61857	1. Armature
JM61855	1. Armature
JM61918	1. Spring
JM61919	2. Spring
JM61862	1. Gasket, cover
JM61867	2. Washer, rubber

CIRCUIT BREAKER AND REGULATOR (J4C)

	JM60940	Circuit breaker and regulator ass'y	1
1	JM61864	Base ass'y	1
2	JM61870	Seal, lead regulator	1
3	JM61221	Packing, guard plate	1
4	JM61866	Cover, regulator	1
5	JM61867	Washer, rubber	2
6	JM61905	Washer, plain	2
7	J-A-9041	Washer, spring	2
8	J-GM-134551	Nut, hex.	2
9	JM61488	gasket, regulator cover	
10	J-GM-121540	Screw, round head	4
11	J-A-1614	Washer, spirng	11
12	JM61906	Washer, plain	11
13	JM61310	Metal, seal	1
14	J-GM-132908	Screw, round head	7
15	JM61319	Screw, round head	1
16	JM61314	Metal, clamping	1
17	JM61315	Nut, hex.	1
18	JM61509	Resistor (D), ass'y	1
19	JM61513	Bolt, resistor	1

CIRCUIT BREAKER AND REGULATOR (J4C)

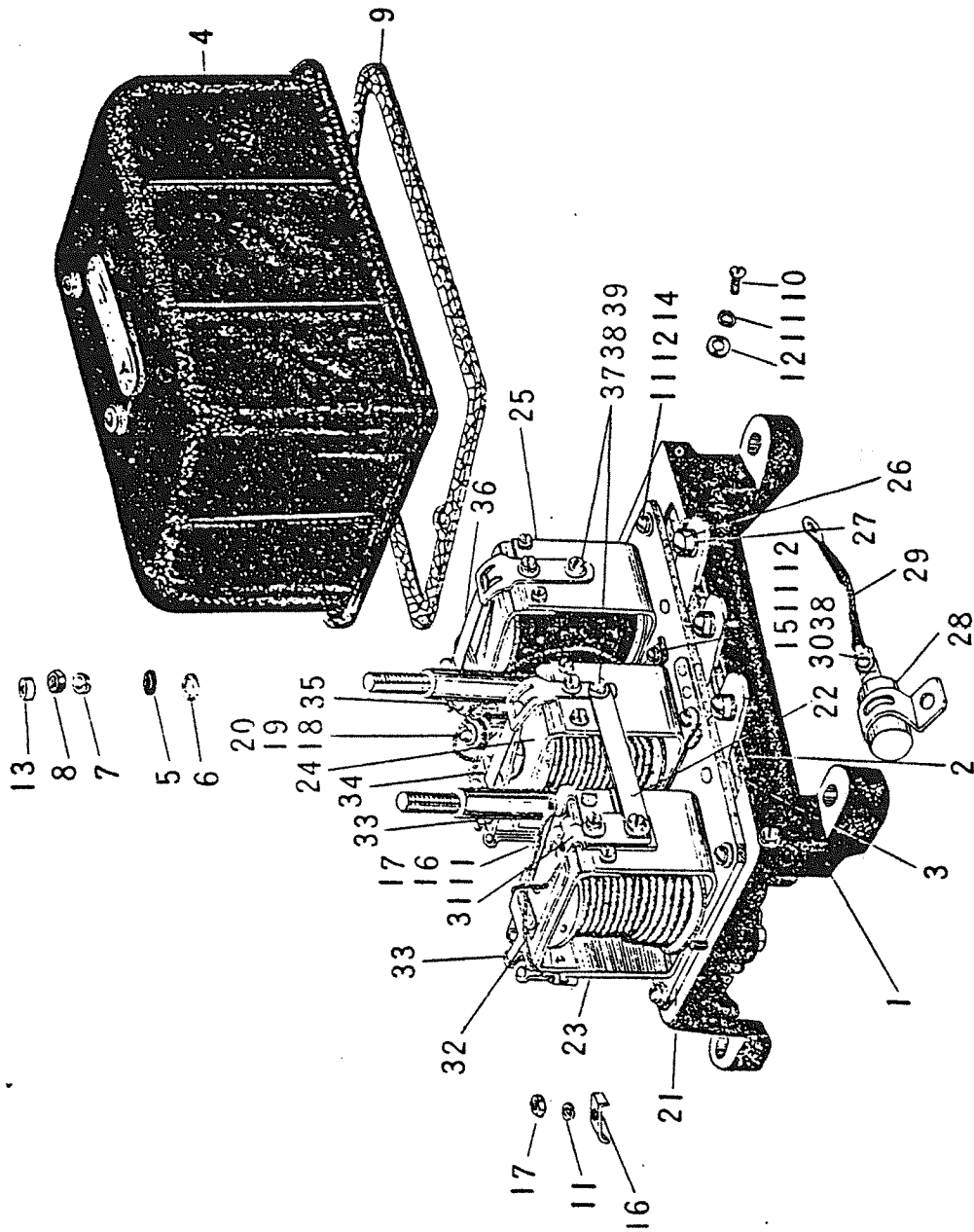


Fig. 44

Key	Parts No.	Nomenclature	No. Req'd	
			J4	J4C
CIRCUIT BREAKER AND REGULATOR (J4C) (Continued)				
20	JM61514	Washer		2
21	JM61454	Plate, fixing, ass'y		1
22	JM61515	Connector		1
23	JM61471	Relay, charging switch, ass'y		1
24	JM61468	Relay, current limiting, ass'y		1
25	JM61459	Relay, constant voltage, ass'y		1
26	JM61876	Screw, oval fillister head	3	3
27	J-A-5288	Washer, spring	3	3
28	JM61399	Capacitor		1
29	JM61516	Lead ass'y		1
30	JM61405	Screw, pan head		1
31	JM61861	Base, stationary contact, ass'y		1
32	JM61857	Armature, circuit breaker, ass'y	1	1
33	JM61919	Spring, circuit and current	2	2
34	JM61505	Armature, current regulator, ass'y		1
35	JM61918	Spring, voltage regulator	1	1
36	JM61492	Armature, voltage regulator, ass'y		1
37	J-GM-131966	Screw, contact stop	6	6
38	J-A-10294	Washer, spring	8	9
39	J-A-1666	Washer, plain	8	6
	J-GM-123774	Bolt hex. hd.		4
	J-GM-120214	Washer, spring		4
	J-GM-120393	Washer, plain		2
	J-GM-446363	Washer, plain		2
	JM60963	Kit, repair, regulator		1
		consists of:		
	JM61505	1. Armature		
	J-GM-131966	3. Screw, contact stop		
	J-A-10294	3. Washer, spring		
	J-A-1666	3. Washer, plain		
	JM61857	1. Armature		

GENERATOR (J4)

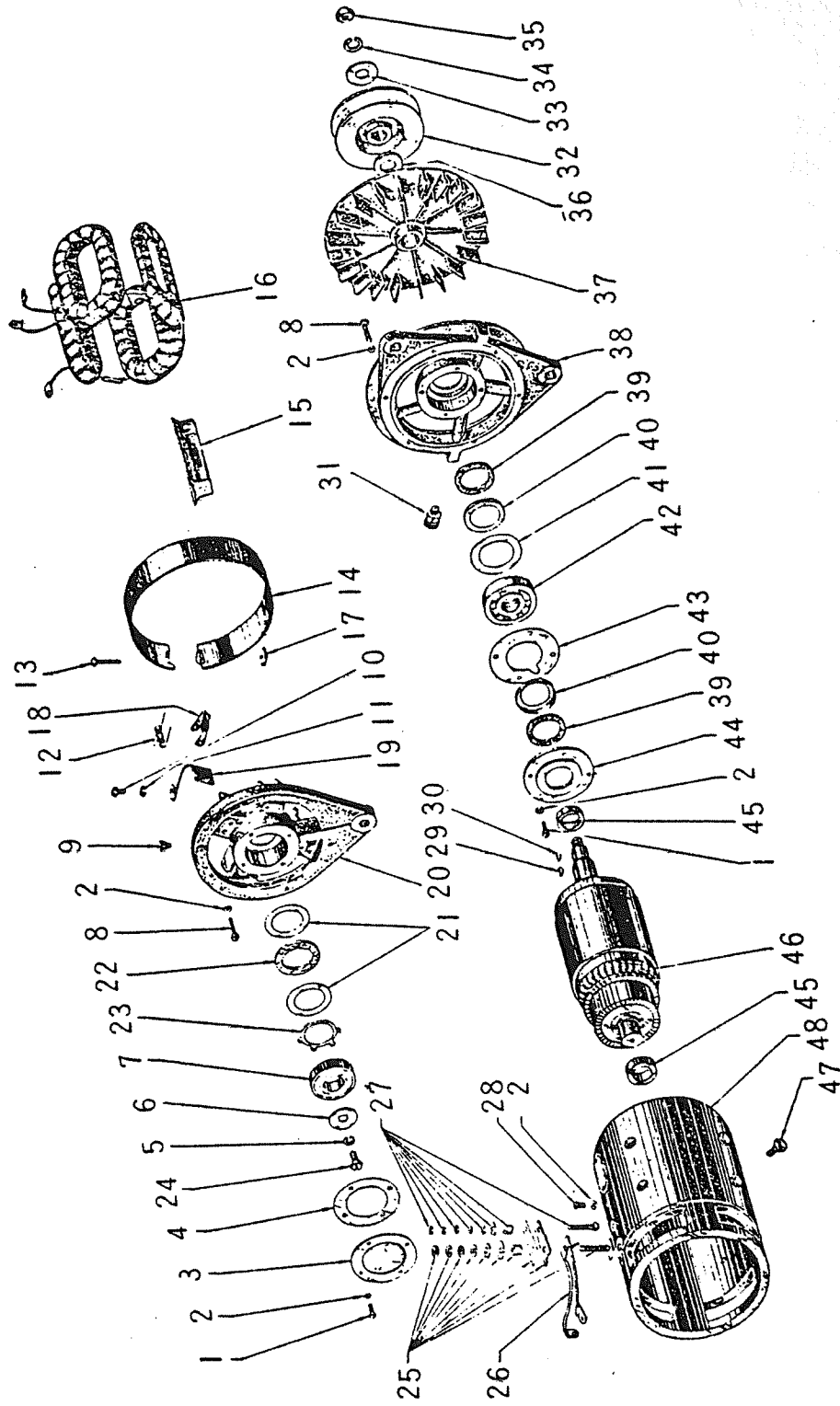


Fig. 45

Key	Parts No.	Nomenclature	No. Req'd	
			J4	J4C

CIRCUIT BREAKER AND REGULATOR (J4C) Continued

JM61492	1. Armature
JM61918	1. Spring
JM61919	2. Spring
JM61488	1. Gasket, cover
JM61867	2. Washer, rubber

GENERATOR (J4)

	J-808618	Generator ass'y	1	
1	J-GM-132110	Screw, fillister hd.	8	
2	J-A-1614	Washer, spring	23	21
3	JM61821	Cover, head commutator end	1	
4	JM61822	Gasket, head cover commutator end	1	
5	J-A-9041	Washer, spring	1	1
6	JM61823	Washer, special, armature shaft	1	
7	JM61831	Bearing, commutator end	1	
8	J-GM-132124	Screw, fillister hd.	6	
9	J-302347	Oiler, commutator end	1	1
10	J-GM-122159	Screw, rd. hd.	4	
11	J-A-10294	Washer, spring	4	4
12	JM61833	Spring, brush, generator	4	
13	J-GM-132926	Screw, rd. hd.	1	
14	JM61819	Band, cover	1	
15	JM61835	Shoe, pole, field coil	4	
16	JM61836	Coil, field, generator, ass'y	1	
17	J-GM-120611	Nut, machine screw	1	
18	JM61834	Arm, brush, generator	4	4
19	JM61832	Brush, generator	4	
20	JM61820	Head, commutator end, ass'y	1	
21	JM61814	Retainer, felt washer, commutator end	2	
22	JM61813	Washer, felt, commutator end	1	
23	JM61812	Plate, shock, commutator end	1	

Key	Parts No.	Nomenclature	No. Req'd	
			J4	J4C
GENERATOR (Continued) (J4)				
24	JM61852	Screw, hex. slotted	1	
25	JM61900	Terminal, armature, generator, ass'y	1	
26	JM61837	Lead, field coil, ass'y	1	
27	JM61901	Terminal, field, generator, ass'y	1	
28	J-GM-121540	Screw, rd. hd.	1	
29	J-GM-106750	Key, ventilating fan	1	
30	J-GM-103906	Key, drive pulley	1	1
31	JM61845	Oiler, drive end	1	
32	J-809652	Pulley, drive end	1	
33	JM61850	Washer, special, armature shaft	1	
34	JM61896	Washer, spring, armature shaft	1	
35	JM61895	Nut, hex. drive end	1	
36	JM61851	Washer, special, armature shaft	1	
37	JM61848	Fan, ventilating, generator	1	
38	JM61847	Head, drive end, generator, ass'y	1	
39	JM61840	Washer, felt, drive end bearing	2	
40	JM61841	Retainer, felt washer, drive end	2	
41	JM61815	Washer, flat, drive end	1	
42	JM61842	Bearing, drive end, generator	1	
43	JM61843	Gasket, bearing retainer, drive end	1	
44	JM61844	Retainer, drive end bearing	1	
45	JM61818	Spacer, armature shaft	2	
46	JM61839	Armature, generator, ass'y	1	
47	JM61893	Screw, pole shoe	8	
48	JM61838	Frame and field, generator, ass'y	1	
GENERATOR (J4C)				
	JM60939	Generator ass'y		1
1— 7	JM61324	Frame and field ass'y		1
1	JM61325	Frame		1

GENERATOR (J4C)

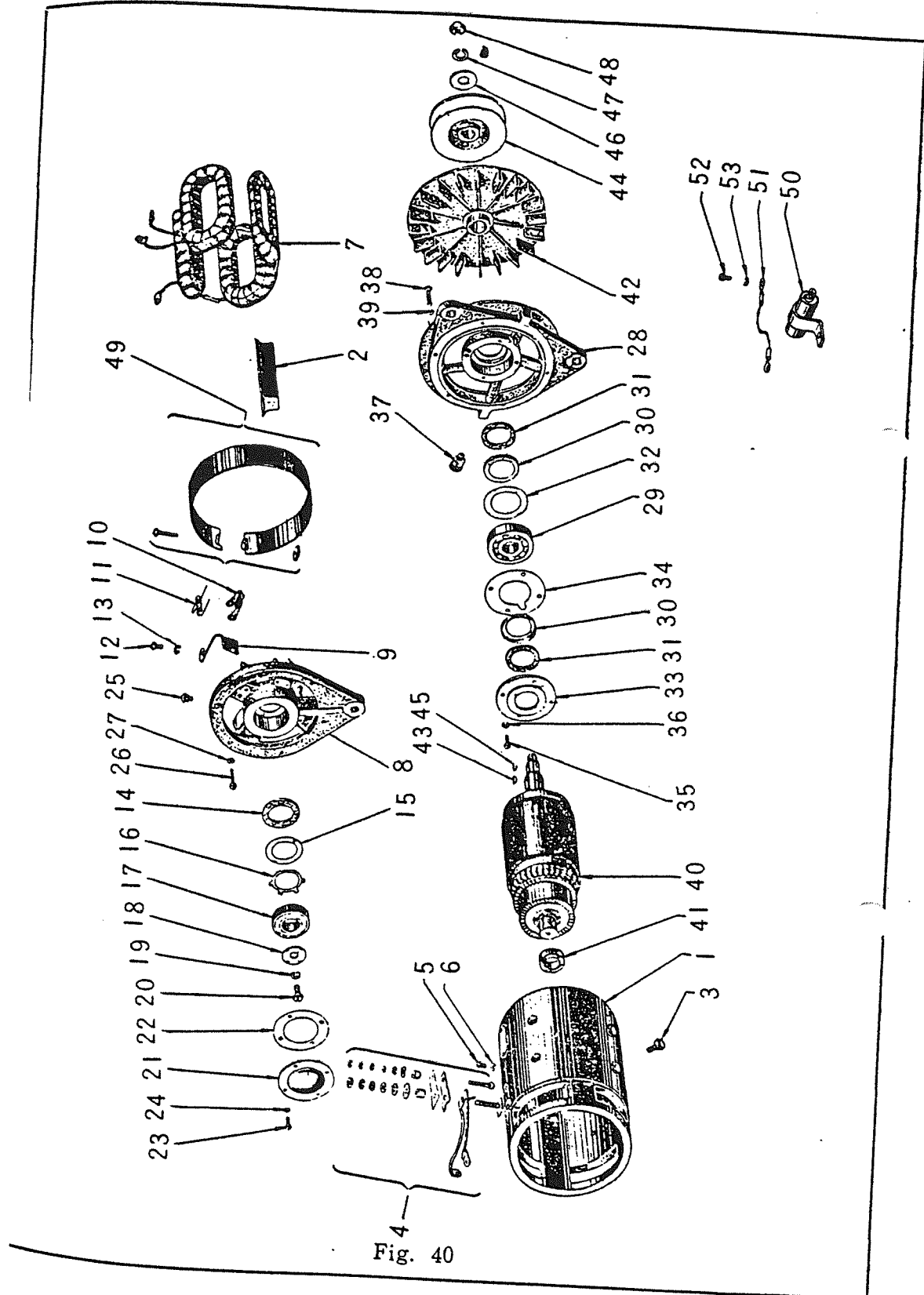


Fig. 40

Key	Parts No.	Nomenclature	No. Req'd	
			J4	J4C
GENERATOR (J4C) (Continued)				
2	JM61326	Core, field		4
3	JM61327	Screw, field core		8
4	JM61328	Terminal ass'y		1
5	JM61340	Screw, round head		1
6	J-A-1614	Washer, spring	1	1
7	JM61342	Coil, field, ass'y		1
8	JM61354	Bracket, commutator end		1
9	JM61360	Brush ass'y		4
10	JM61834	Arm, brush, generator	4	4
11	JM61536	Spring, brush		4
12	JM61532	Screw, round head		4
13	J-A-10294	Washer, spring	4	4
14	JM61537	Felt, commutator end		1
15	JM61321	Retainer, felt		1
16	JM61322	Spring, set, bearing		1
17	JM61358	Bearing, commutator end		1
18	JM61320	Washer, set		1
19	J-A-9041	Washer, spring	1	1
20	JM61531	Screw		1
21	JM61359	Cover, end		1
22	JM61525	Packing, end cover		1
23	JM61533	Screw, fillister head		4
24	J-A-1614	Washer, spring	4	4
25	J-302347	Oiler, commntator end	1	1
26	JM61534	Screw, fillister head		6
27	J-A-1614	Washer, spring	6	6
28	JM61347	Head, drive end, ass'y		1
29	JM60938	Bearing, drive end		1
30	JM61538	Retainer, felt		2
31	JM61530	Washer, felt, driving end		2

Key	Parts No.	Nomenclature	No. Req'd	
			J4	J4C
GENERATOR (J4C) (Continued)				
32	JM61368	Washer, round		1
33	JM61369	Cover, bearing		1
34	JM61526	Gasket, bearing cover		1
35	JM61533	Screw, fillister head		4
36	J-A-1614	Washer, spring	4	4
37	JM61845	Oiler, drive end	1	1
38	JM61534	Screw, fillister head.....		6
39	J-A-1614	Washer, spring	6	6
40	JM61370	Armature ass'y		1
41	JM61441	Washer, flat, bearing, commutator end		1
42	JM61393	Fan		1
43	JM61527	Key, woodruff		1
44	JM61394	Pulley		1
45	J-GM-103906	Key, pulley	1	1
46	JM61395	Washer, plain		1
47	JM61539	Washer, spring		1
48	JM61528	Nut, hex.		1
49	JM61396	Band ass'y		1
50	JM61399	Capacitor		1
51	JM61400	Lead, capacitor, ass'y		1
52	JM61405	Screw, pan head		1
53	J-A-10294	Washer, spring		1
	JM60958	Brush set, generator		1
		Consists of:		
	JM61360	4 Brush ass'y		
	JM60964	Kit, repair, generator		1
		Consists of :		
	JM60958	1 Brush set		
	JM61525	1. Gasket		
	JM61526	1. Gasket		

Key	Parts No.	Nomenclature	No. Req'd	
			J4	J4C

GENERATOR (J4C) (Continued)

JM61527	1.	Key
J-GM-103906	1.	Key
JM61528	1.	Nut
JM61529	1.	Nut
JM61845	1.	Oiler
JM61530	2.	Retainer
JM61531	1.	Screw
JM61532	4.	Screw
JM61533	8.	Screw
JM61534	12.	Screw
JM61535	1.	Screw
JM61536	4.	Spring
JM61537	1.	Washer
JM61538	2.	Washer
J-A-10294	4.	Washer
J-A-1614	20.	Washer
J-A-9041	1.	Washer
JM61539	1.	Washer
JM61320	1.	Washer
JM61321	1.	Retainer
JM61322	1.	Spring
JM60938	1.	Bearing, drive end