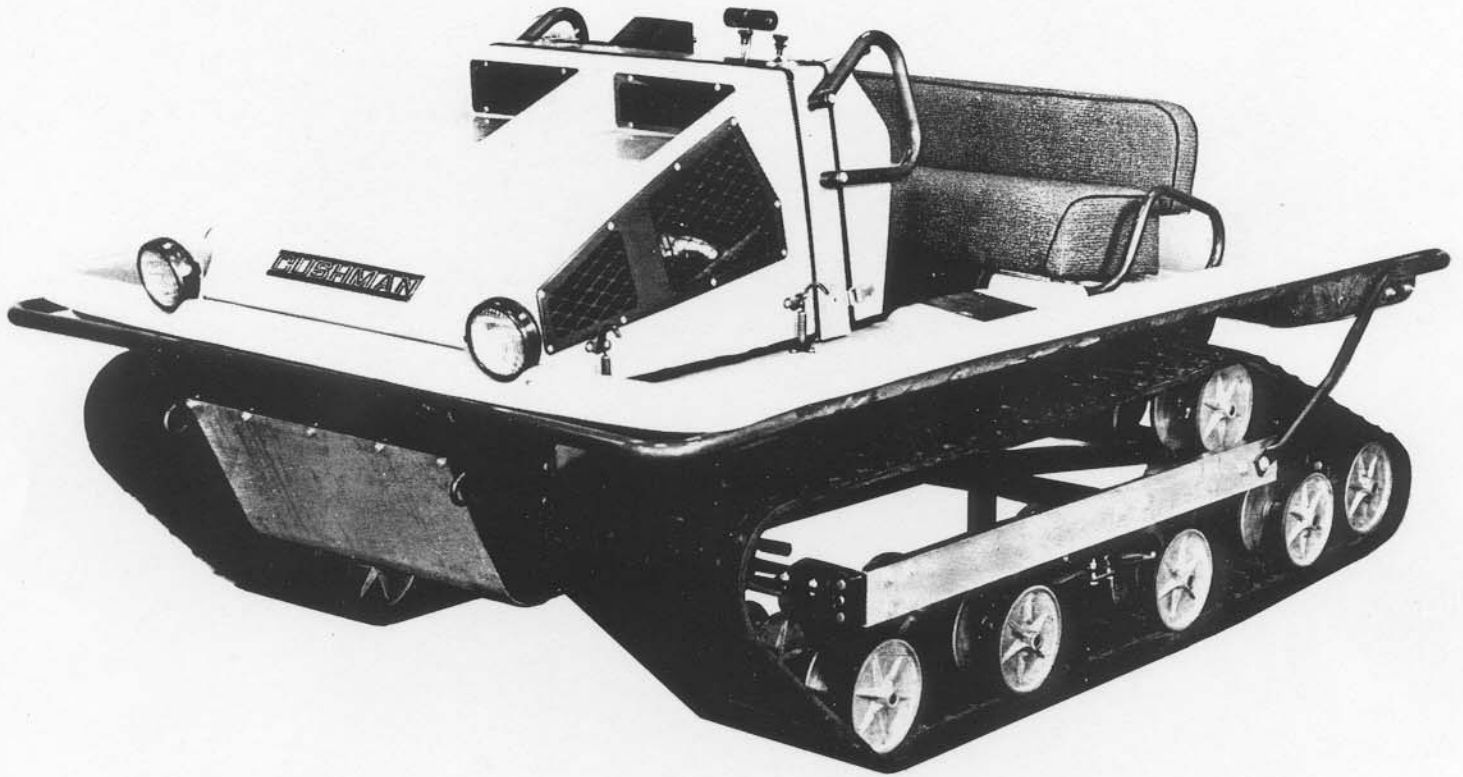


CUSHMAN®

parts manual



TRACKSTER

MODELS

898000

898002

The vehicle model number is stamped on the nameplate located on the cowl trim just below the right handhold.

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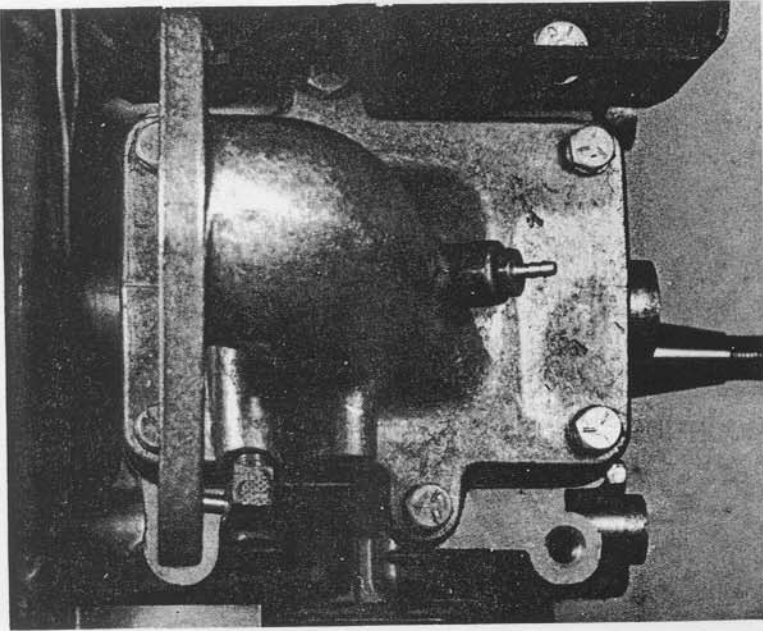
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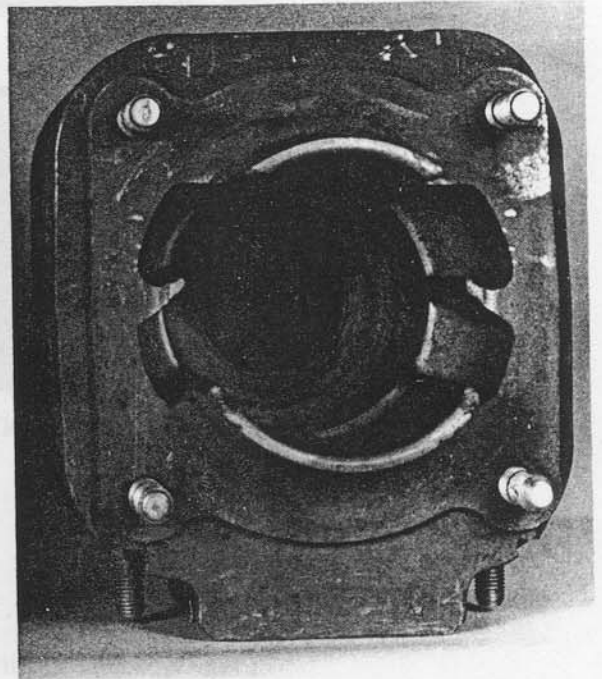
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TRACKSTER ENGINE IDENTIFICATION

Tracksters have been equipped with one of two different engines. A 25 H.P. and a 29 H.P. The 29 H.P. engine is also a replacement engine and may have been installed in any Trackster. Refer to the following photos for correct engine identification before ordering replacement parts.

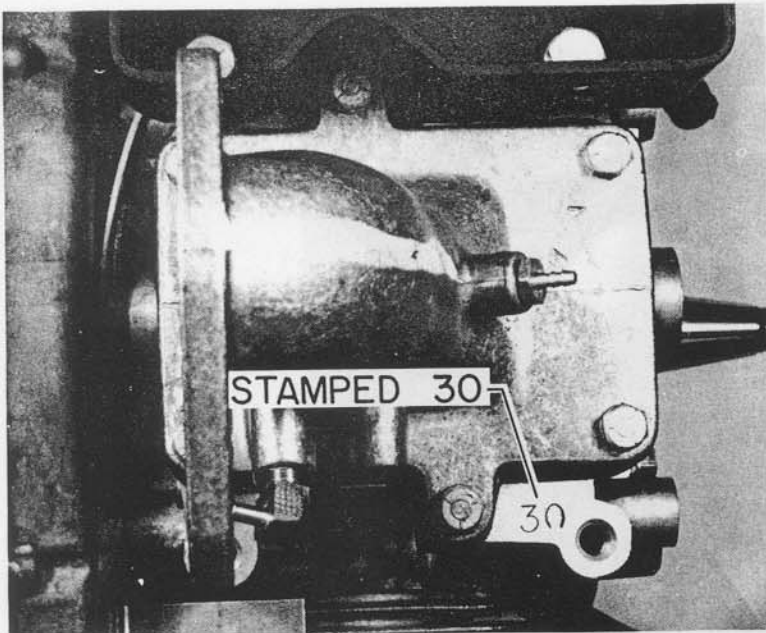


25 H.P. Engine used in Models 898000 — 7010 — 7205 — 7110 — 7210 — 7310.

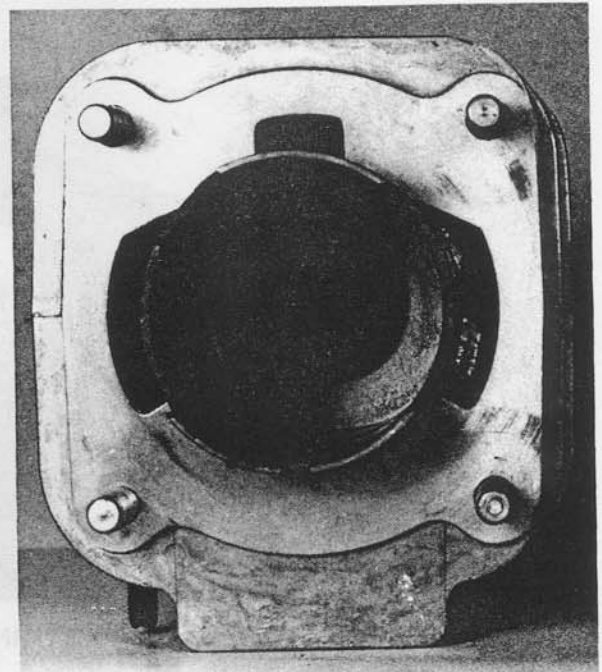


25 H.P. CYLINDER

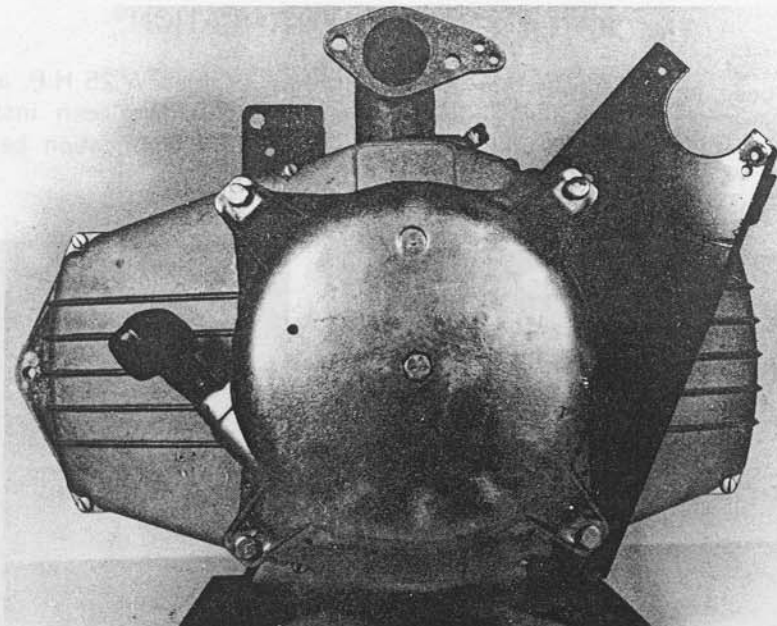
NOTE: DO NOT INTERCHANGE CYLINDERS.



29 H.P. Engine used in 898000 — 7320 and later models, also replacement engine for all models — stamped 30.

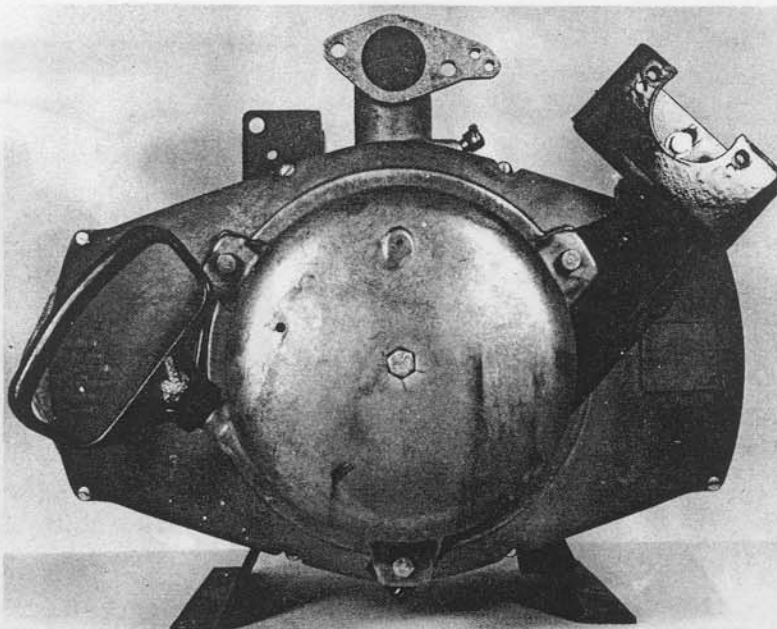


29 H.P. CYLINDER

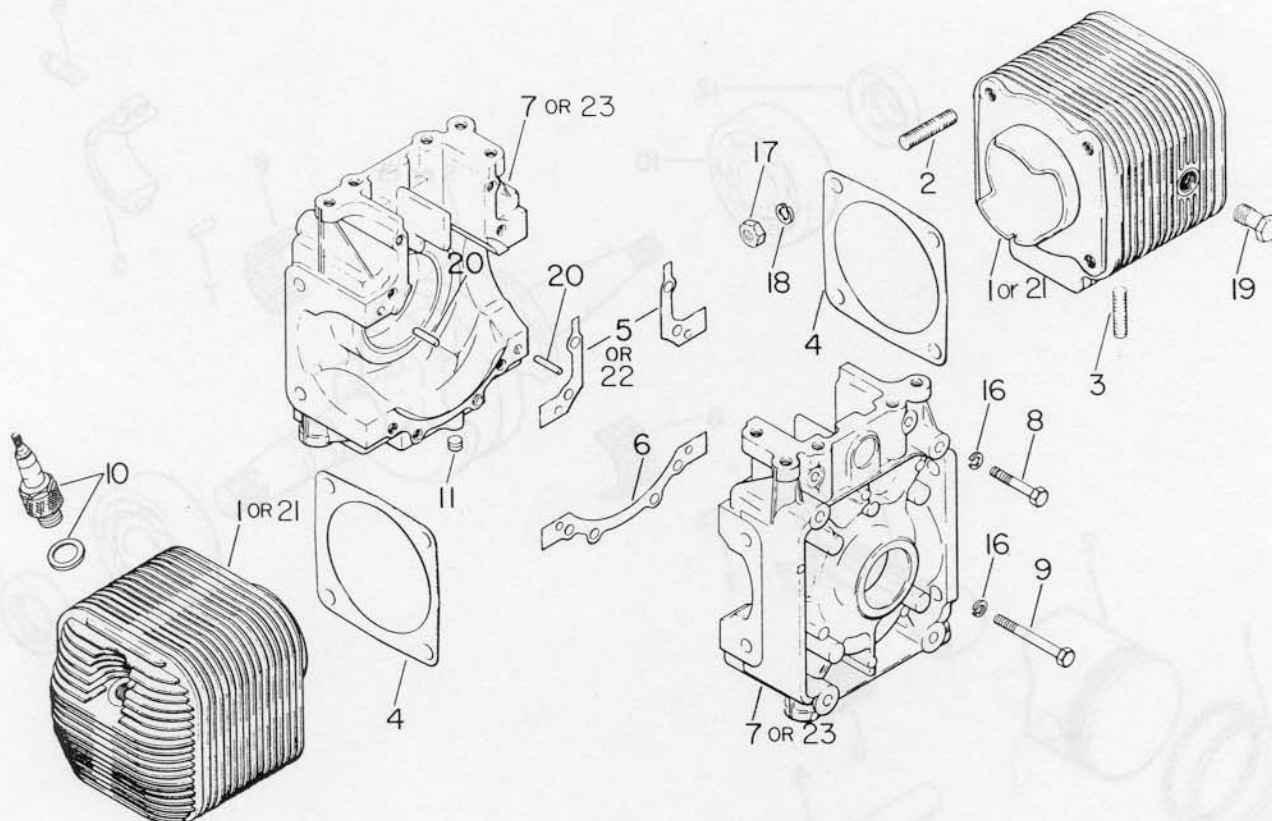


4-POINT MOUNTING STARTER

Two types of recoil starter assemblies have been used.
Refer to photos before ordering replacement parts.

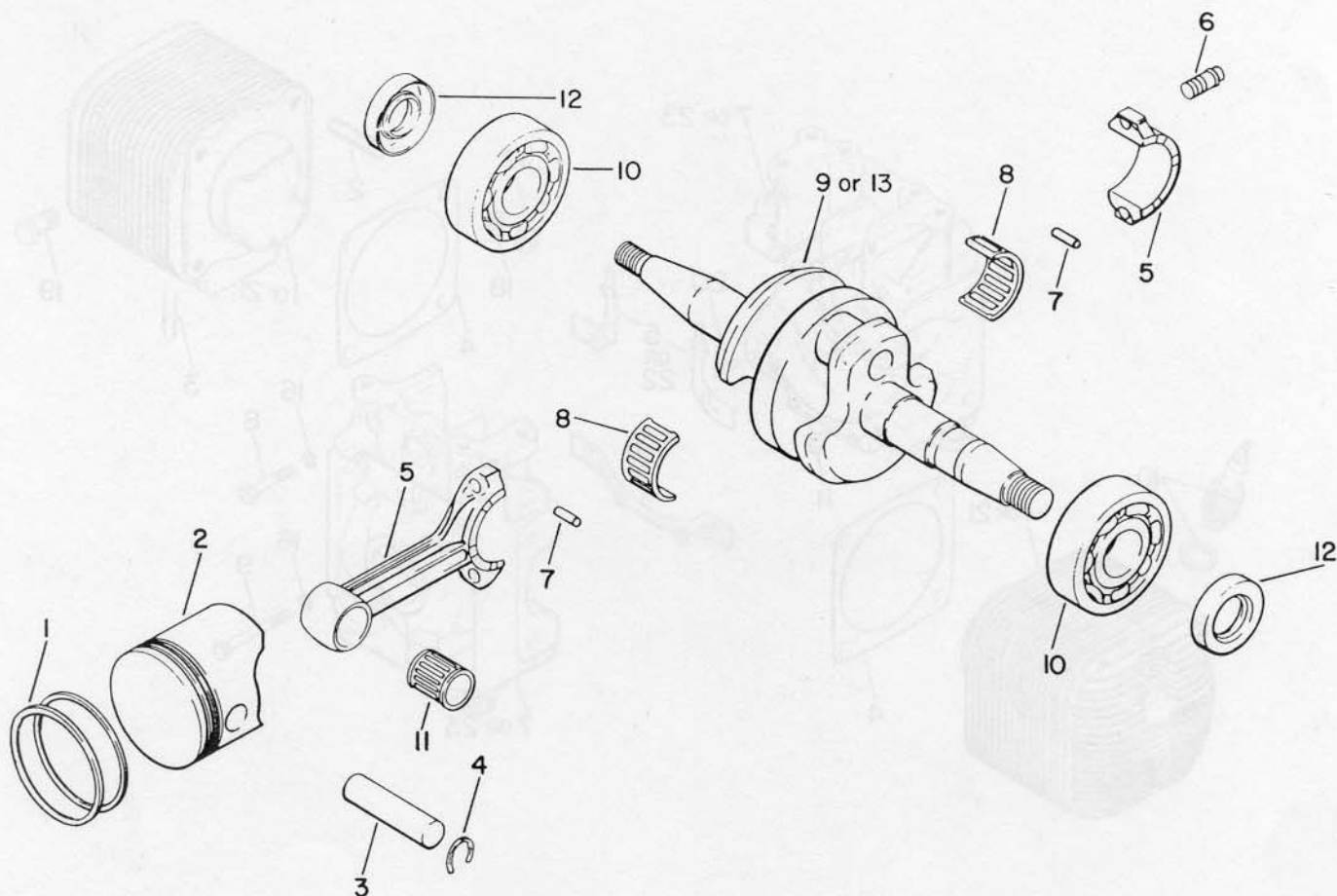


3-POINT MOUNTING STARTER



CYLINDER & CRANKCASE

REF. NO.	PART NO.	DESCRIPTION	NO. REQ'D	REF. NO.	PART NO.	DESCRIPTION	NO. REQ'D
1	162003	Cylinder & Stud 25 H.P. only	2	10	113856	Spark Plug, Champion, (J-2J)	2
2	113530	. Stud	8	11	113271	Plug	1
3	113531	. Stud, exhaust manifold	4	16	306396	Lockwasher 1/4	8
4	113545	Gasket, cylinder	2	17	114232	Nut 3/8	8
5	113502	Gasket, crankcase, 25 H.P. only	2	18	120177	Lockwasher 3/8	8
6	113503	Gasket, bottom	1	19	113675	Plug	2
7	161791	Crankcase, 25 H.P. only	1	20	314469	Roll Pin	2
8	314610	. Screw, crankcase	2	21	162018	Cylinder & stud, 29 H.P. only	2
9	308751	. Screw, crankcase	6	22	113904	Gasket, crankcase, 29 H.P. only	2
				23	162022	Crankcase, 29 H.P. only	1

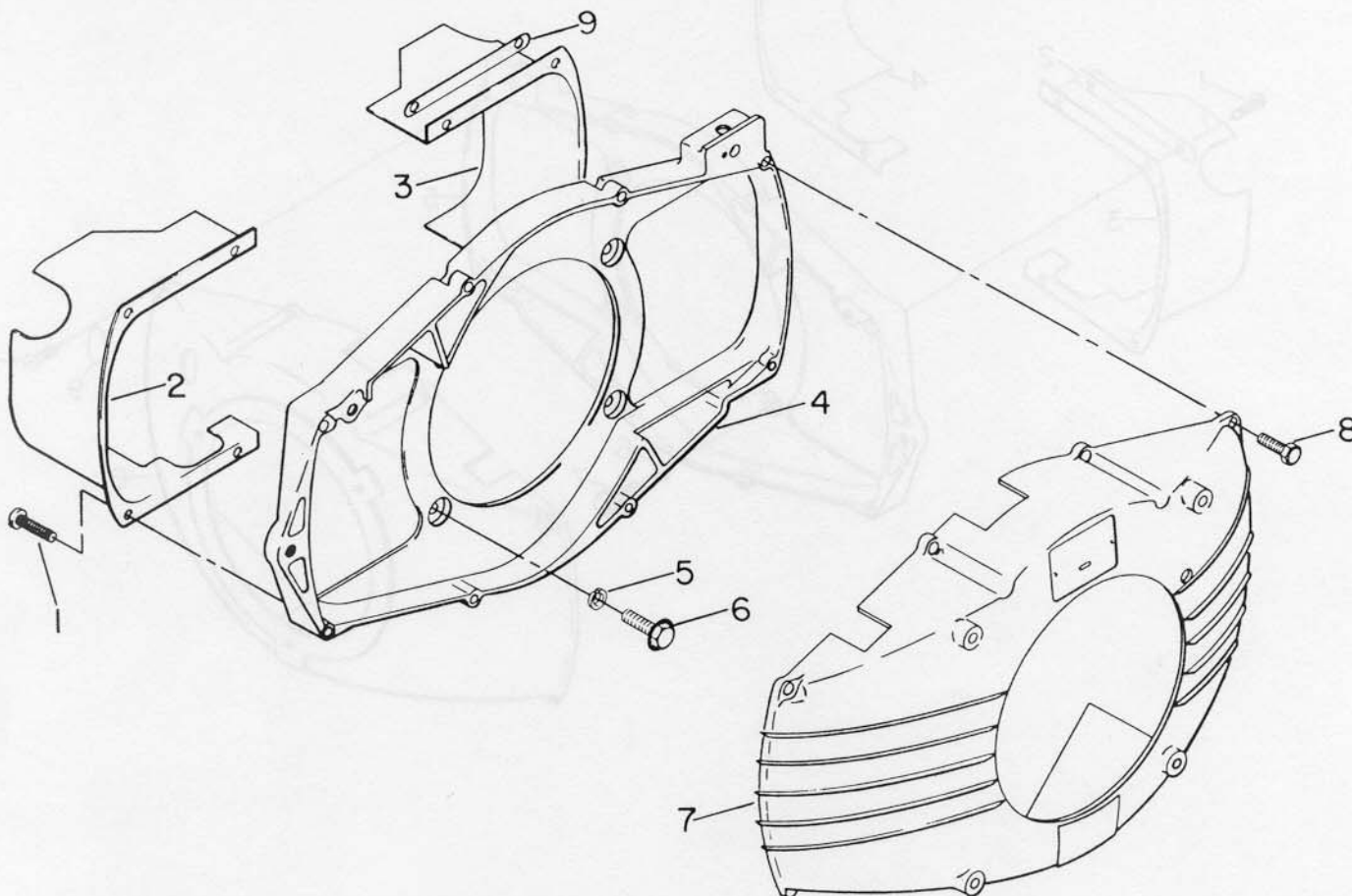


CRANKSHAFT & PISTON

REF. NO.	PART NO.	DESCRIPTION	NO. REQ'D	REF. NO.	PART NO.	DESCRIPTION	NO. REQ'D
1	†162279	Ring Set	2		113950	Bearing, crankshaft rear—29 H.P. only	1
2	†162148	Piston, No. 1, right side	1		378251	Needle Bearing	2
	†162169	Piston, No. 2, left side	1	11	113517	Seal, crankshaft—25 H.P. only	2
3	†114161	Wrist Pin	2	12	113517	Seal, crankshaft front—29 H.P. only	1
4	†316968	Retaining Ring	4		113951	Seal, crankshaft rear—29 H.P. only	1
5	378275	Connecting Rod	2		113952	Crankshaft, 29 H.P. only	1
6	308186	Screw	4	*	112210	Shim, crankshaft .003	As Req'd
7	378515	Bearing Set, connecting rod	2	*	112209	Shim, crankshaft .002	As Req'd
8	378528	Retainer Set	2	*	112211	Shim, crankshaft .005	As Req'd
9	161785	Crankshaft, 25 H.P. only	1	*	112212	Shim, crankshaft .009	As Req'd
10	111413	Bearing, crankshaft—25 H.P. only	2				
	111413	Bearing, crankshaft front—29 H.P. only	1				

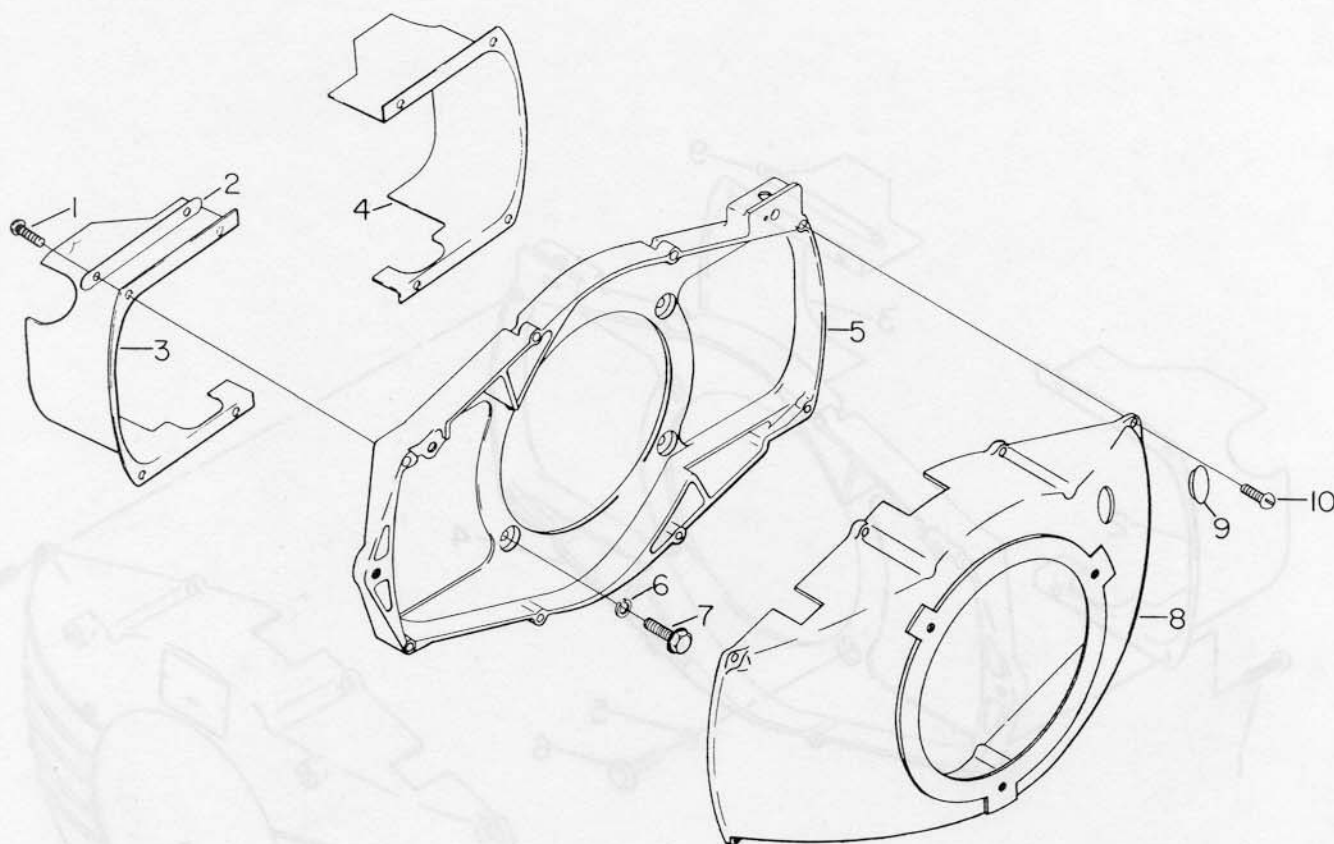
† Piston Set 883025 . . . includes pistons, rings, pins and retaining rings.

* Not Illustrated



FAN HOUSING AND AIR SHROUDS 4 - Point Mounting

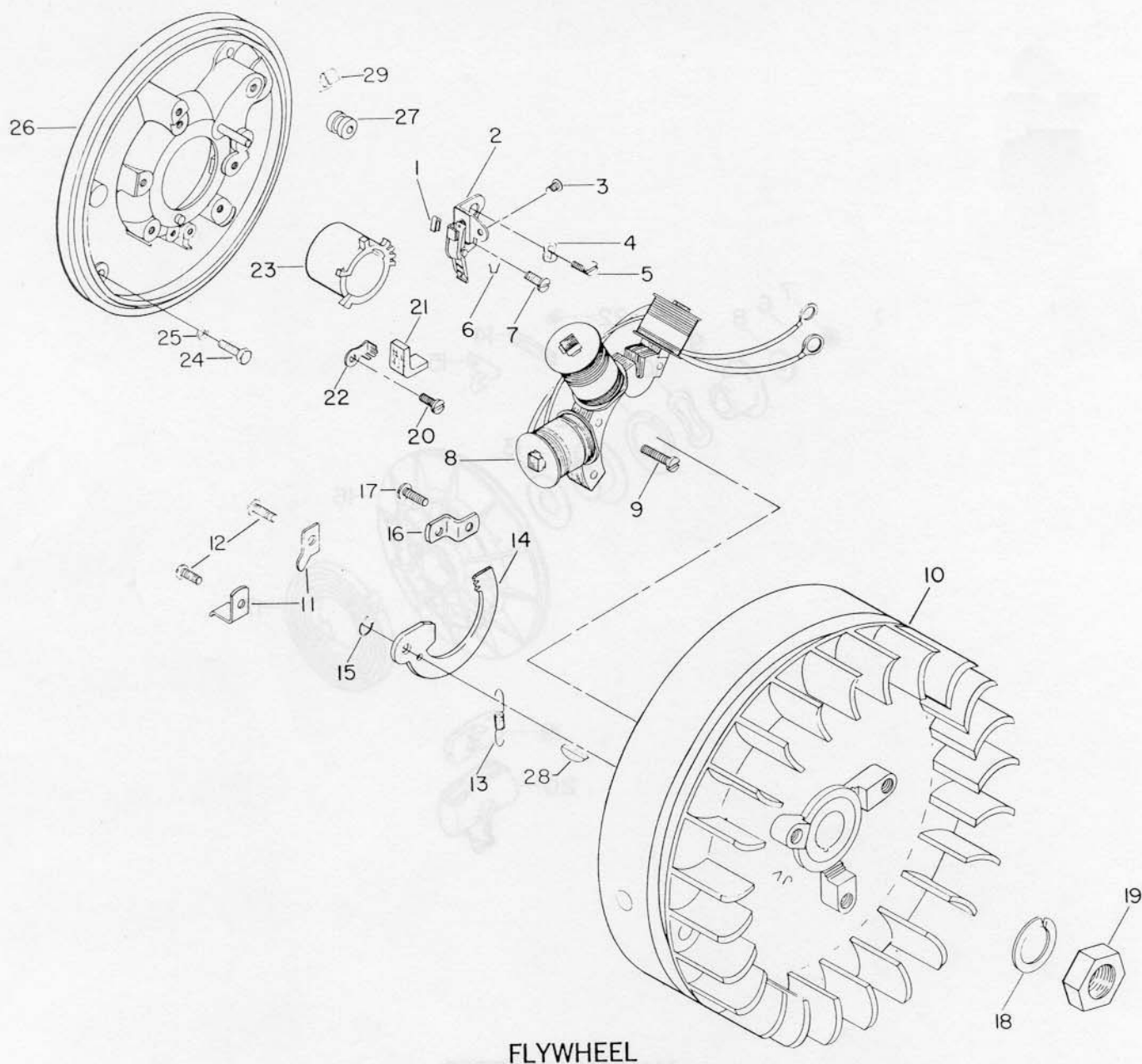
REF. NO.	PART NO.	DESCRIPTION	NO. REQ'D	REF. NO.	PART NO.	DESCRIPTION	NO. REQ'D
1	307019	Screw, #10	8	6	300646	Screw, 1/4	4
2	113555	Shroud, left cylinder	1	7	113854	Fan housing, front	1
3	113554	Shroud, right cylinder	1	8	302948	Screw, #10	8
4	113943	Fan housing, rear	1	9	113941	Reinforcement plate	4
5	306396	Lockwasher, 1/4	4				



FAN HOUSING AND AIR SHROUDS

3 - Point Mounting

REF. NO.	PART NO.	DESCRIPTION	NO. REQ'D	REF. NO.	PART NO.	DESCRIPTION	NO. REQ'D
1	307019	Screw, No. 10	8	6	306396	Lockwasher 1/4	4
2	113941	Reinforcement plate	4	7	300646	Screw 1/4	4
3	113555	Shroud, left cylinder	1	8	114532	Fan Housing, front	1
4	113554	Shroud, right cylinder	1	9	112002	Plug, inspection	1
5	113943	Fan Housing, rear	1	10	302948	Screw, No. 10	8

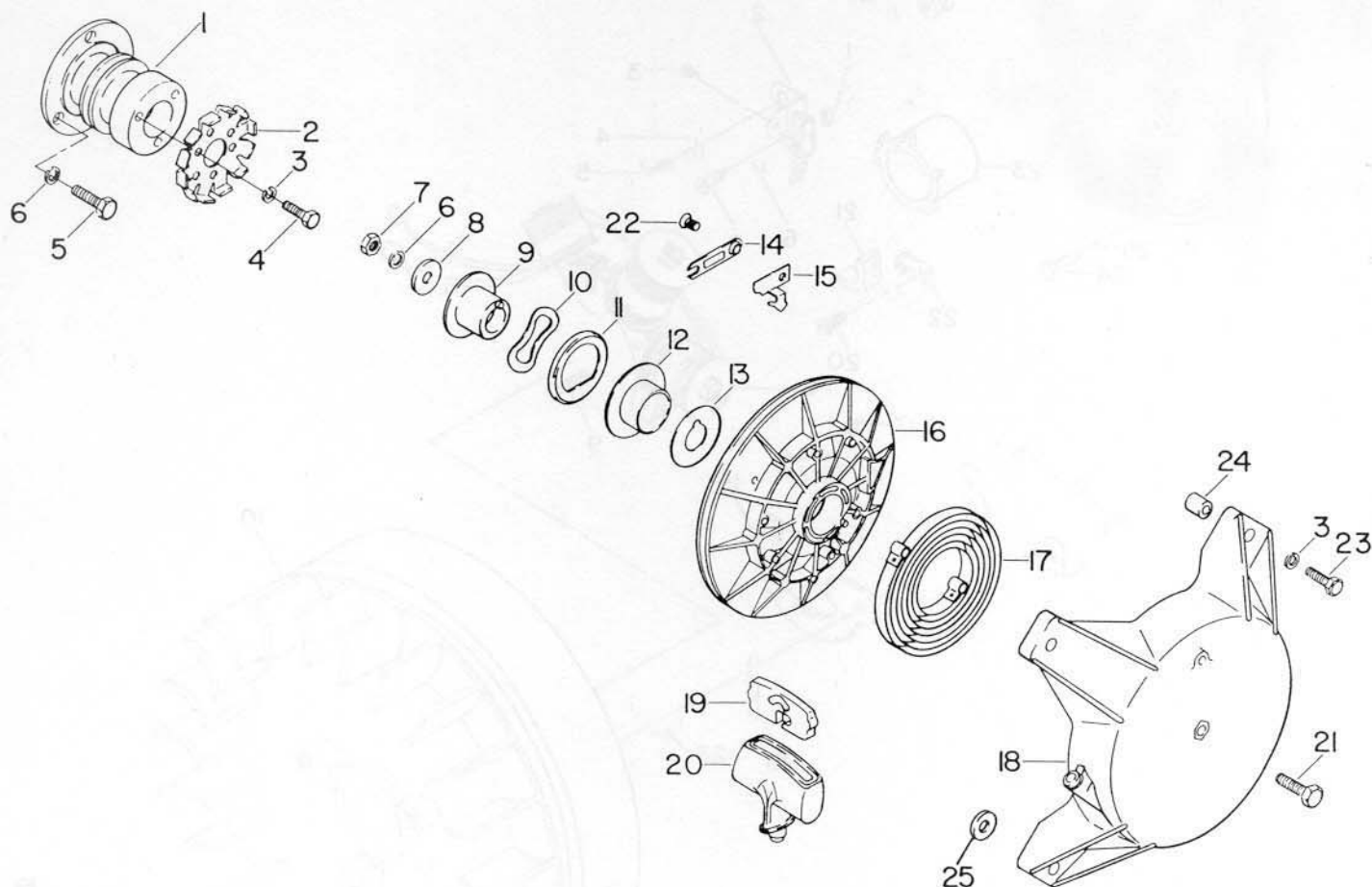


FLYWHEEL

REF. NO.	PART NO.	DESCRIPTION	NO. REQ'D	REF. NO.	PART NO.	DESCRIPTION	NO. REQ'D
1	510204	Clip, spring*	1	14	113762	Weight, timer	1
2	580148	Breaker Point Set*	1	15	425114	Retaining Ring	1
3	302812	Screw	1	16	510650	Support, weight	1
4	510391	Bow Washer, eccentric screw	1	17	307193	Screw, Support	1
5	510185	Screw, eccentric	1	18	310856	Lockwasher, flywheel	1
6	307594	Retainer*	1	19	304104	Nut, flywheel	1
7	302812	Screw	1	20	307019	Screw	1
8	161960	Coil Set	1	21	112699	Wick, oiler *	1
9	510397	Screw, coil mtg.	3	22	510480	Clip, oiler	1
10	161908	Flywheel—25 H.P. only	1	23	510644	Cam	1
	162105	Flywheel—29 H.P. only	1	24	308742	Screw, armature plate	2
11	510649	Cam Retainer, 25 H.P. only	1	25	306396	Lockwasher, armature plate	2
	114081	Cam Stop, 29 H.P. only	1	26	161798	Armature Plate	1
12	307193	Screw, cam retainer, 25 H.P. only	1	27	111510	Grommet	1
	307613	Screw, cam stop, 29 H.P. only	1	28	112494	Key, flywheel	1
13	510646	Spring, flywheel	1	29	113824	Clip, armature wires	1

(*Included in breaker point set 580148)

INDENTED PART NAMES INDICATE THESE PARTS ARE INCLUDED IN PREVIOUS ASSEMBLY

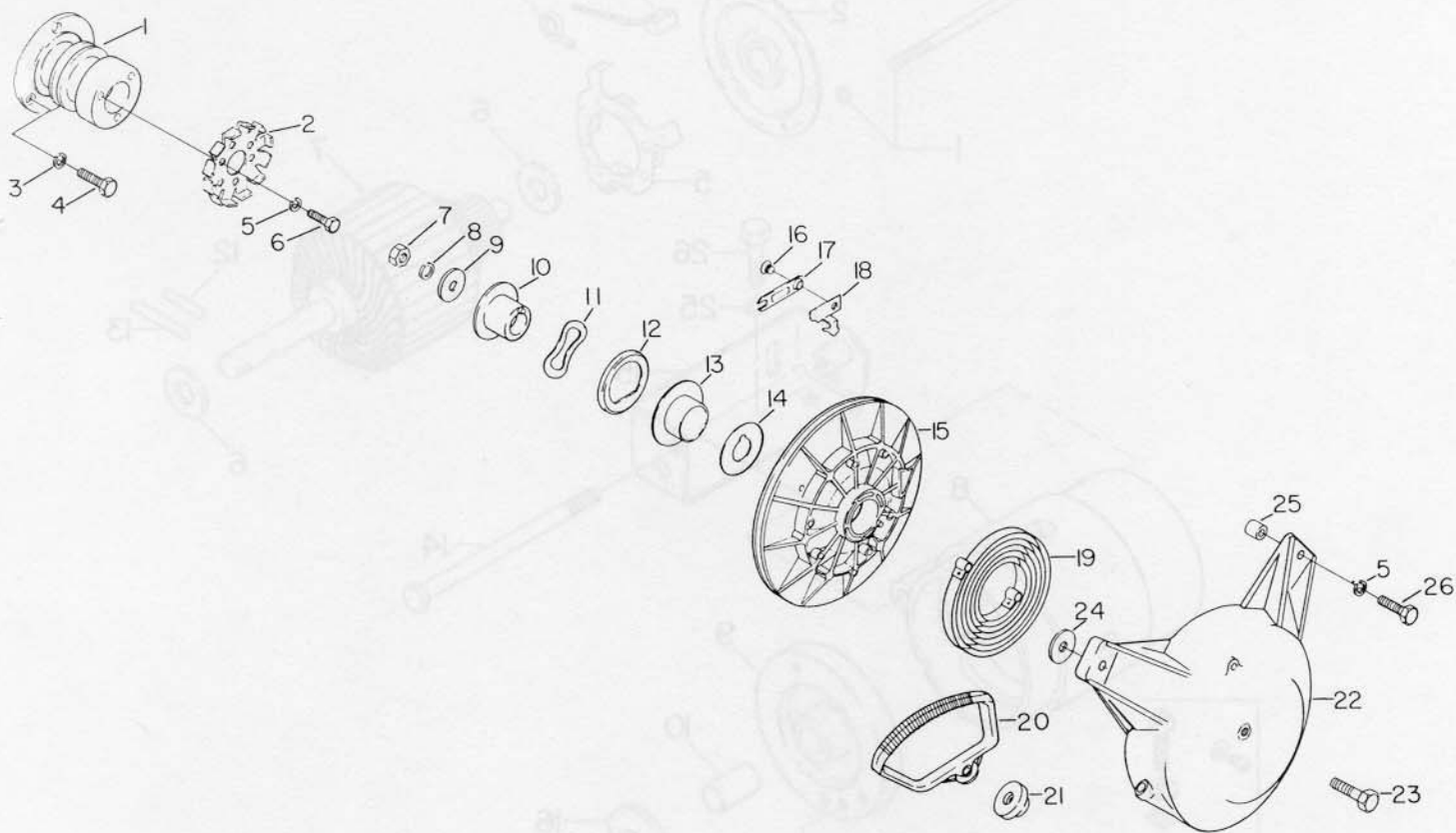


MANUAL STARTER 4 - Point Mounting

REF. NO.	PART NO.	DESCRIPTION	NO. REQ'D	REF. NO.	PART NO.	DESCRIPTION	NO. REQ'D
1	820658	Hub, pull starter	1	13	113783	Spacer	1
2	202111	Ratchet, pull starter	1	14	202317	Retainer, starter pawl	3
3	306396	Lockwasher, 1/4	7	15	202470	Pawl, starter	3
4	306419	Screw, 1/4	3	16	160464	Starter pulley	1
5	306416	Screw, 5/16	3	17	375836	Spring	1
6	306325	Lockwasher, 5/16	3	18	160809	Starter housing	1
*	161966	Rewind starter	1	19	304325	Anchor, rope to handle	1
7	306320	Nut, 5/16	1	20	475297	Starter handle	1
6	306325	Lockwasher, 5/16	1	21	133128	Screw, 5/16	1
8	306283	Washer, 5/16	1	22	307163	Screw, #10	3
9	379067	Spindle and pin	1	*	305000	Rope	1
10	309515	Wave washer	1	23	302754	Screw, 1/4	4
11	309516	Friction ring	1	24	820884	Spacer	4
12	309513	Bushing	1	25	809183	Washer	2

*Not illustrated

INDENTED PART NAMES INDICATE THESE PARTS ARE INCLUDED IN PREVIOUS ASSEMBLY

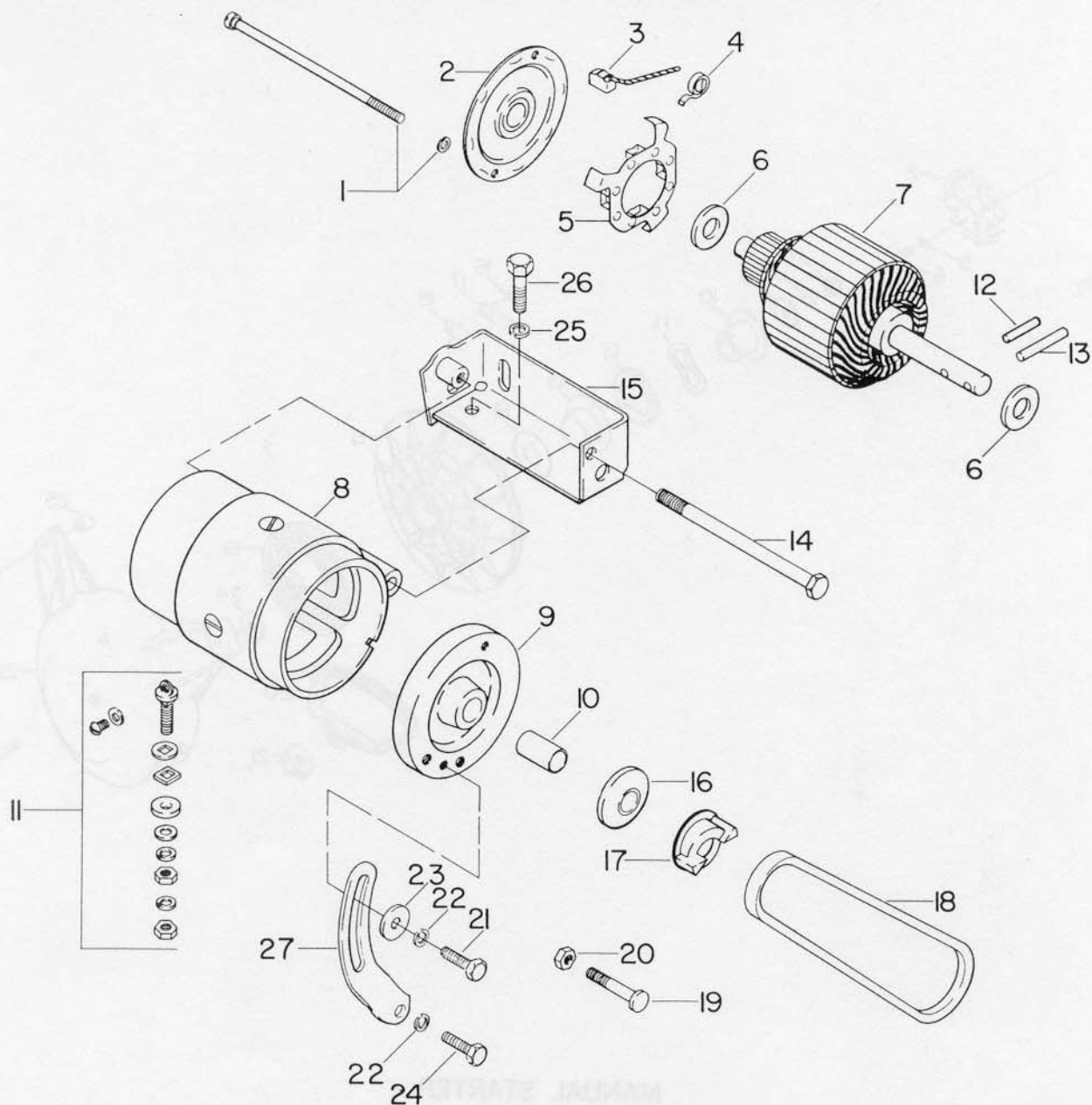


MANUAL STARTER 3 - Point Mounting

REF. NO.	PART NO.	DESCRIPTION	NO. REQ'D	REF. NO.	PART NO.	DESCRIPTION	NO. REQ'D
1	820658	Hub, pull starter	1	14	113783	. Spacer	1
2	202111	Rachet, pull starter	1	15	160464	. Starter Pulley	1
3	306325	Lockwasher, 5/16	3	16	307163	.. Screw	3
4	306416	Screw, 5/16	3	17	202317	.. Retainer	3
5	306396	Lockwasher, 1/4	7	18	202470	.. Pawl	3
6	306419	Screw, 1/4	3	19	375836	. Spring	1
*	162153	Rewind Starter	1	20	262308	. Handle	1
7	306422	. Nut, 5/16	1	21	261772	. Bumper, handle	1
8	306325	. Lockwasher, 5/16	1	22	161969	. Housing	1
9	306283	. Washer, 5/16	1	23	133128	. Screw, 5/16	1
10	379067	. Spindle and Pin	1	*	305000	. Rope—cut to length, 73 3/4"	1
11	309515	. Washer, spring	1	24	809183	Washer	1
12	309516	. Ring, friction	1	25	809025	Spacer	3
13	309513	. Bushing, spindle	1	26	302754	Screw, 1/4	3

*Not illustrated

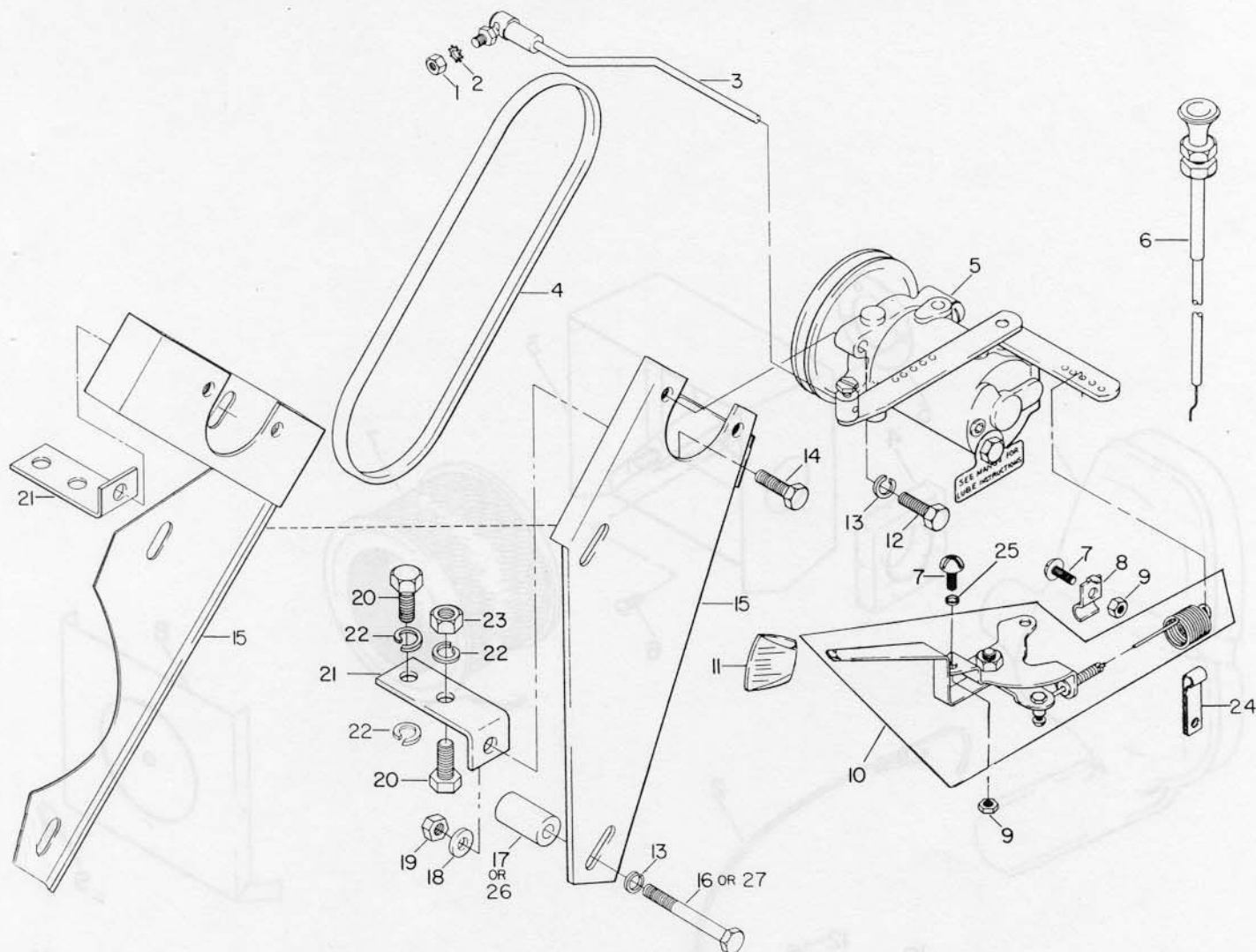
INDENTED PART NAMES INDICATE THESE PARTS ARE INCLUDED IN PREVIOUS ASSEMBLY



STARTER MOTOR

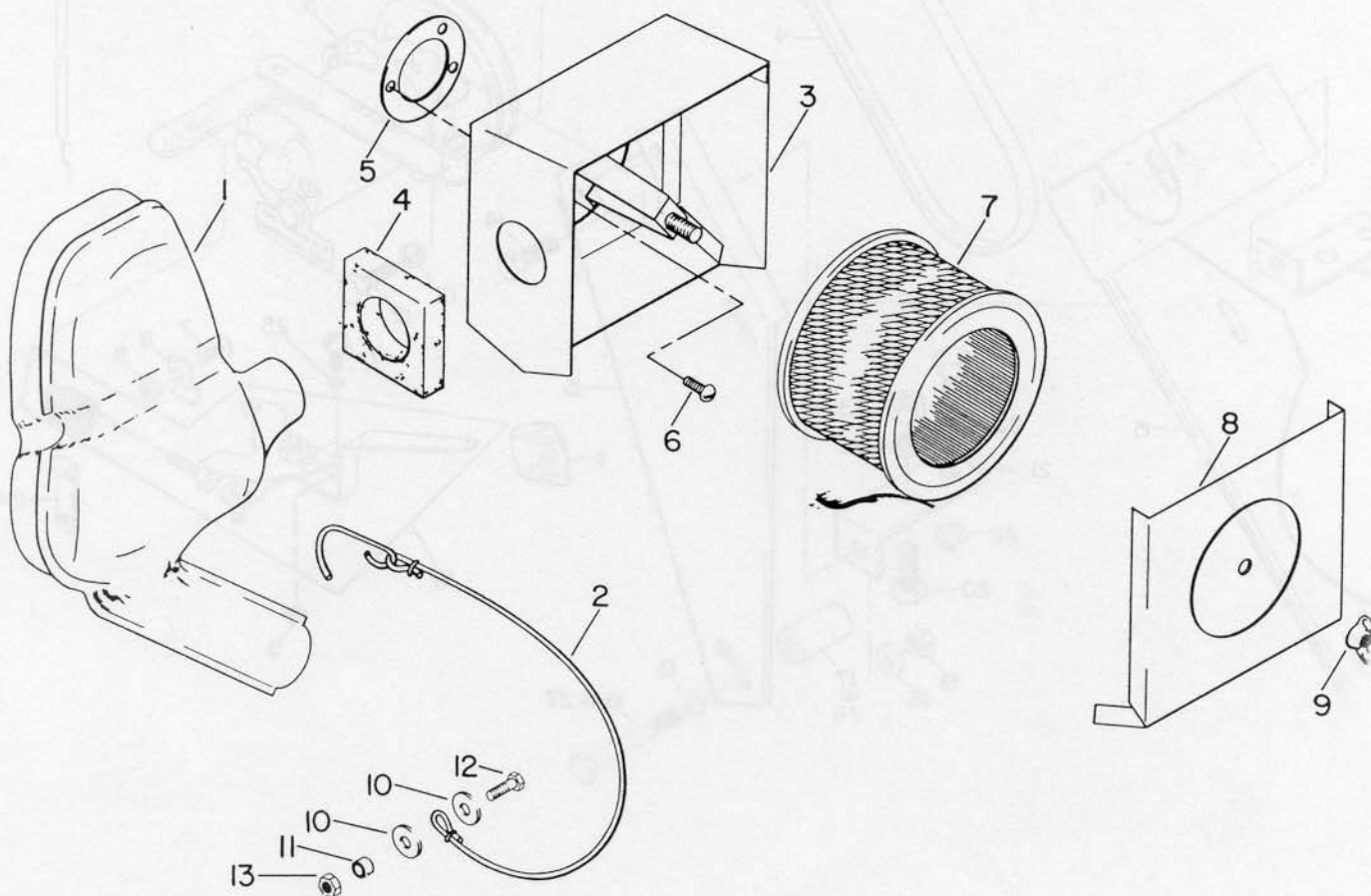
REF. NO.	PART NO.	DESCRIPTION	NO. REQ'D	REF. NO.	PART NO.	DESCRIPTION	NO. REQ'D
	162036	Starter motor	1	14	113615	Screw, starter to bracket	1
1	112440	. Thru bolt package	1	15	291234	Bracket, starter mounting	1
2	112442	. Head, commutator end	1	16	112258	Pulley, stationary	1
3	112450	. Brush set	1	17	112259	Pulley, movable	1
4	112446	. Spring set, brush	1	18	821460	Belt, starter drive	1
5	112445	. Brush plate	1	19	112271	Stud, belt guide	1
6	112449	. Thrust washer package	1	20	306932	Nut, 5/16	1
7	112441	. Armature	1	21	306322	Screw, 5/16	1
8	113329	. Field coil	1	22	306325	Lockwasher, 5/16	2
9	112443	. Head, drive end	1	23	103867	Washer, 5/16	1
10	112444	. Bearing, drive end	1	24	306416	Screw, 5/16	1
11	112448	. Terminal stud package	1	25	120177	Lockwasher	2
12	112263	Spiral pin, short	1	26	306414	Screw, 3/8	2
13	112264	Spiral pin, long	1	27	113559	Adjusting bracket	1

INDENTED PART NAMES INDICATE THESE PARTS ARE INCLUDED IN PREVIOUS ASSEMBLY



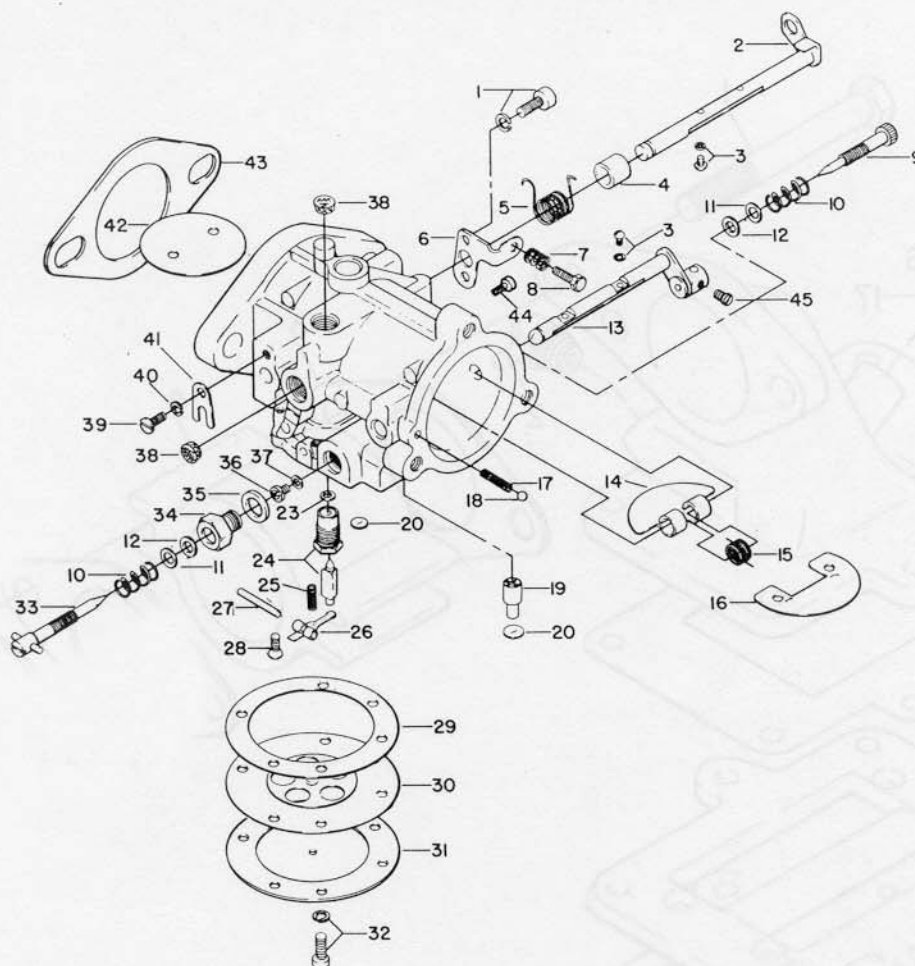
THROTTLE CONTROLS

REF. NO.	PART NO.	DESCRIPTION	NO. REQ'D	REF. NO.	PART NO.	DESCRIPTION	NO. REQ'D
1	132520	Nut, No. 10	1		883102	Bracket, governor mtg.	
2	303916	Lockwasher, No. 10 E. T. shakeproof....	1			3-point starter housing	1
3	821084	Link & ball joint	1	16	302754	Screw, 1/4, 4-point mtg.	2
4	820868	Belt, governor	1	17	820884	Spacer, 4-point mtg.	2
5	820626	Governor	1	18	308090	Washer, 1/4	1
6	882655	Choke cable	1	19	800059	Nut, 1/4 center lock	1
7	800215	Screw, No. 10	3	20	306450	Screw, 5/16	2
8	111898	Clamp, throttle cable	1	21	820870	Bracket, governor	1
9	800053	Nut, No. 10 center lock	3	22	306325	Lockwasher, 5/16	3
10	820871	Cable, throttle	1	23	306932	Nut, 5/16	1
11	821447	Knob, throttle	1	24	111886	Clamp, throttle cable to air cleaner ...	1
12	306409	Screw 1/4	2	25	822249	Spacer	1
13	306396	Lockwasher, 1/4	4	26	809025	Spacer, 3-point mtg.	3
14	300646	Screw, 1/4	1	27	306493	Screw, 1/4, 3-point mtg.	3
15	882091	Bracket, governor mtg.					
		4-point starter housing	1				



AIR CLEANER

REF. NO.	PART NO.	DESCRIPTION	NO. REQ'D	REF. NO.	PART NO.	DESCRIPTION	NO. REQ'D
1	821525	Air silencer	1	8	882331	Plate, end	1
2	882438	Mounting cord	1	9	800315	Wing nut, 5/16	1
3	882099	Box, air cleaner	1	10	816307	Washer	2
4	821526	Seal	As Req'd	11	817019	Spacer	1
5	821083	Gasket	1	12	300646	Screw, 1/4	1
6	260777	Screw, 1/4	3	13	800059	Nut, 1/4 center lock	1
7	820869	Element	1				

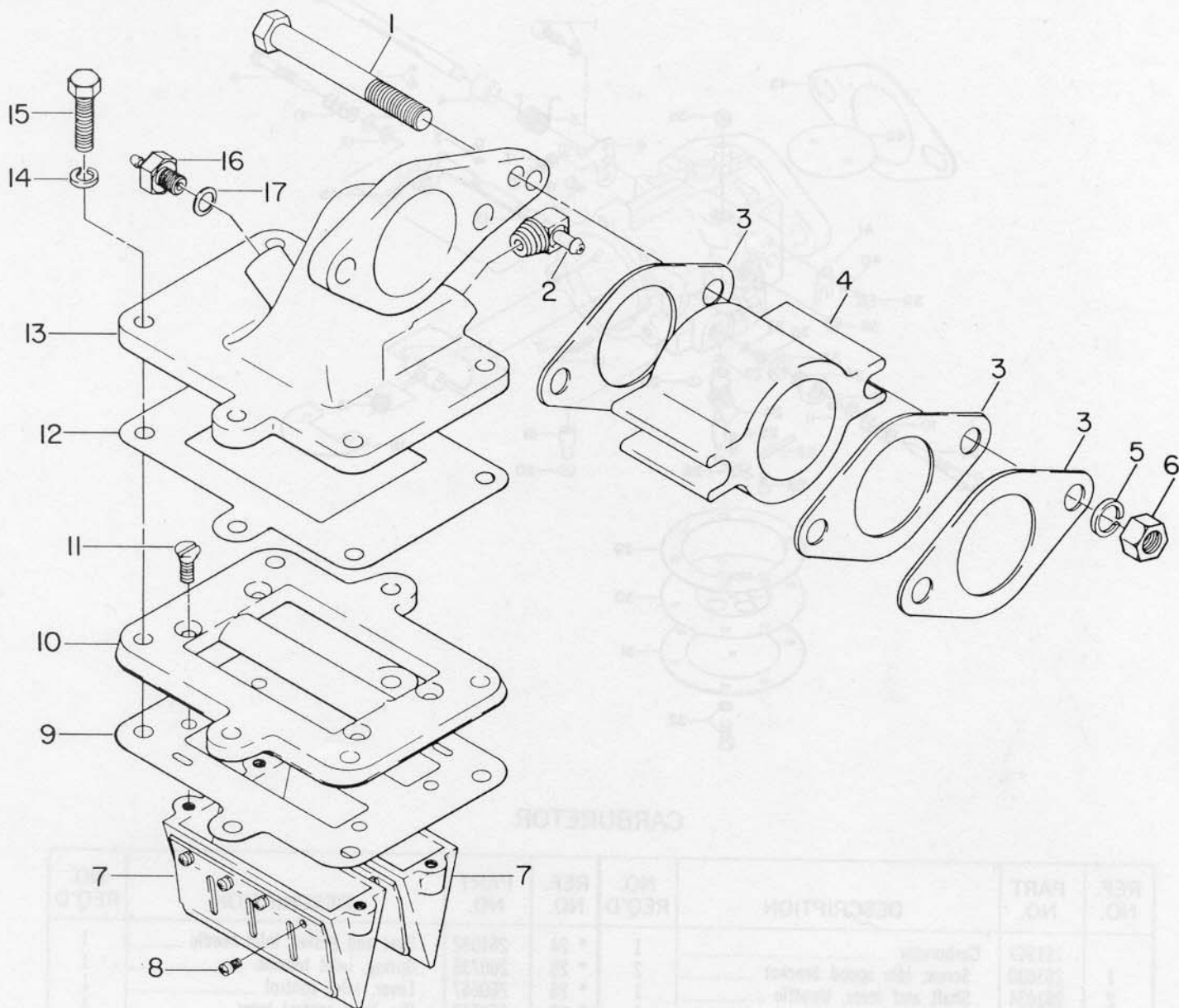


CARBURETOR

REF. NO.	PART NO.	DESCRIPTION	NO. REQ'D	REF. NO.	PART NO.	DESCRIPTION	NO. REQ'D
	161967	Carburetor	1	* 24	261032	. Seat and gasket, inlet needle	1
1	261030	. Screw, idle speed bracket	2	* 25	260736	. Spring, inlet tension	1
2	261034	. Shaft and lever, throttle	1	* 26	260667	. Lever, inlet control	1
* 3	260675	. Screw, choke and throttle shutter	4	* 27	260668	. Pin, inlet control lever	1
4	261036	. Sleeve, throttle shaft	1	* 28	260669	. Screw, inlet control pin	1
* 5	113855	. Spring, throttle	1	* 29	260681	. Gasket, diaphragm	1
6	261029	. Bracket, idle speed	1	* 30	261026	. Diaphragm	1
* 7	260666	. Spring, idle speed screw	1	31	261027	. Cover, diaphragm	1
* 8	261028	. Screw, idle speed	1	32	260694	. Screw, diaphragm cover	6
* 9	260688	. Screw, idle mixture	1	* 33	260702	. Screw, high speed mixture	1
* 10	260670	. Spring, mixture screw	2	34	260703	. Gland, high speed screw	1
* 11	260690	. Washer, mixture screw	2	* 35	260704	. Gasket, mixture screw gland	1
* 12	260691	. Packing, mixture screw	2	* 36	261033	. Main jet & gasket	1
13	261022	. Shaft and lever, choke	1	* 37	260706	. Gasket, main jet	1
14	113907	. Valve, choke	1	38	261031	. Screen, inlet	2
15	261025	. Spring, choke valve	1	39	260674	. Screw, throttle shaft clip	1
16	261023	. Shutter, choke	1	40	260673	. Lockwasher, throttle shaft clip	1
17	260656	. Spring, friction, choke	1	41	260709	. Clip, throttle shaft	1
18	260655	. Ball, friction, choke	1	42	260711	. Throttle valve	1
19	260707	. Nozzle, check valve	1	* 43	113526	. Gasket	1
* 20	260677	. Welch plug	2	44	306552	. Screw, #8	1
* 23	260696	. Gasket, main jet	1	45	307136	. Screw, #6	1

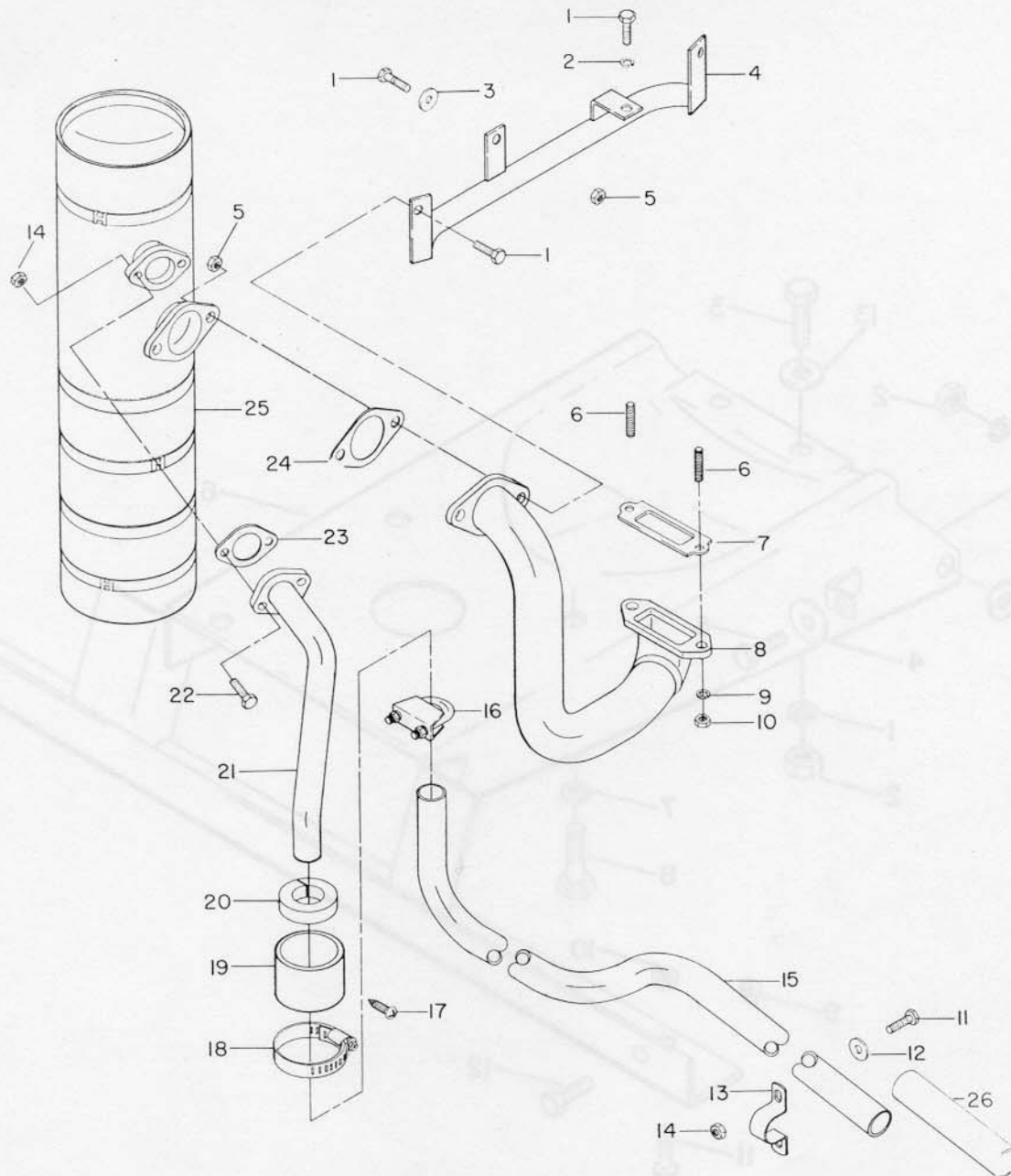
* Also available in Carburetor Repair Kit 290295

INDENTED PART NAMES INDICATE THESE PARTS ARE INCLUDED IN PREVIOUS ASSEMBLY



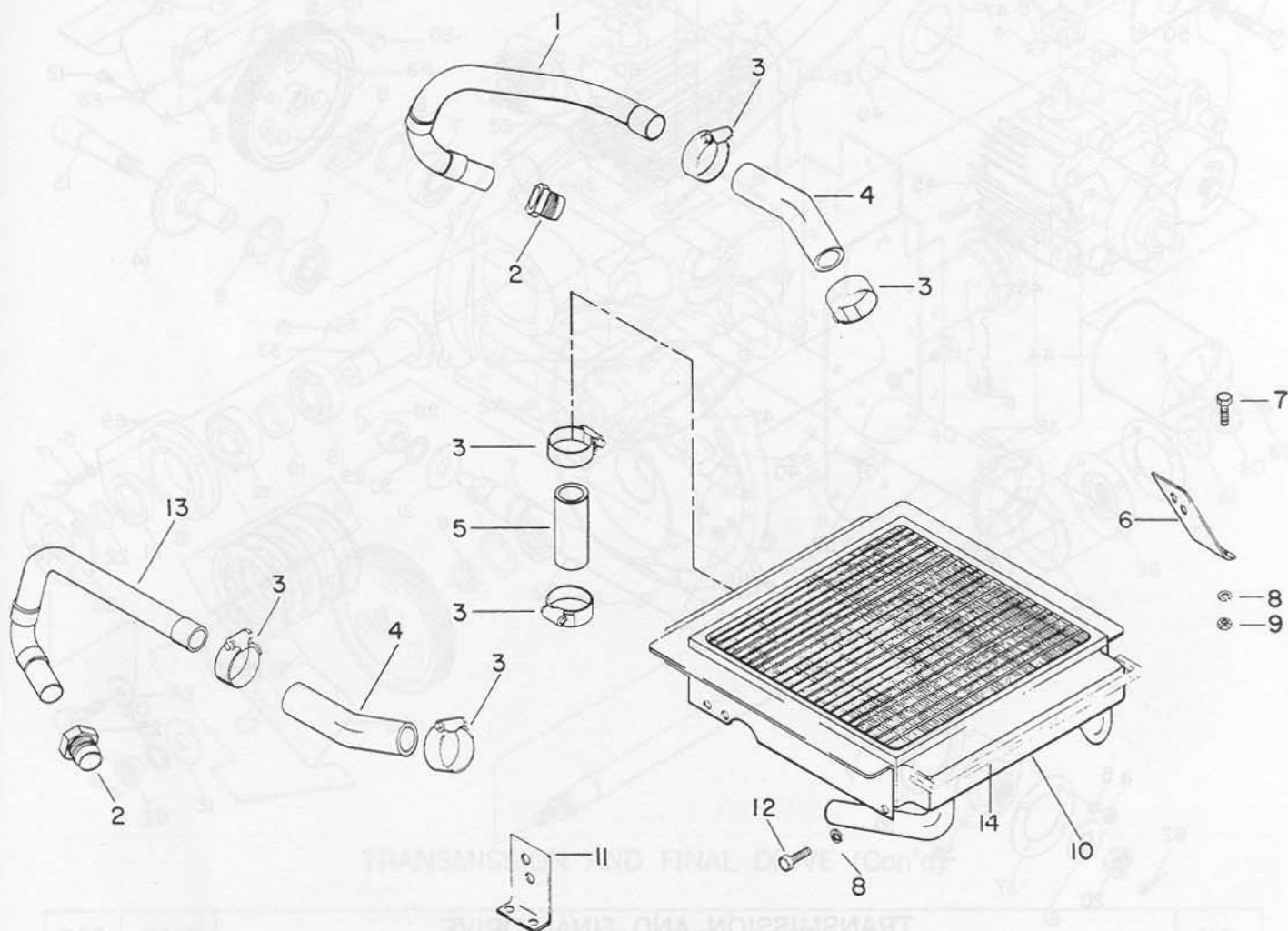
INTAKE MANIFOLD & REED PLATE

REF. NO.	PART NO.	DESCRIPTION	NO. REQ'D	REF. NO.	PART NO.	DESCRIPTION	NO. REQ'D
1	306837	Screw, 3/8	2	10	113543	Base, reed plate	1
2	111560	Elbow, pulse line	1	11	307609	Screw, base to reed plate	4
3	113526	Gasket, manifold extension.....	3	12	113544	Gasket, intake manifold to base.....	1
4	821402	Extension, intake manifold	1	13	113818	Intake manifold	1
5	306025	Lockwasher, 3/8 E.T. shakeproof	2	14	306396	Lockwasher, 1/4	6
6	304632	Nut, 3/8	2	15	306418	Screw, 1/4	6
7	161814	Plate, reed	2	16	821592	Nipple, intake manifold	1
8	307129	Screw, #8	16	17	301996	Washer, nipple	1
9	113542	Gasket, reed plate to base	1				



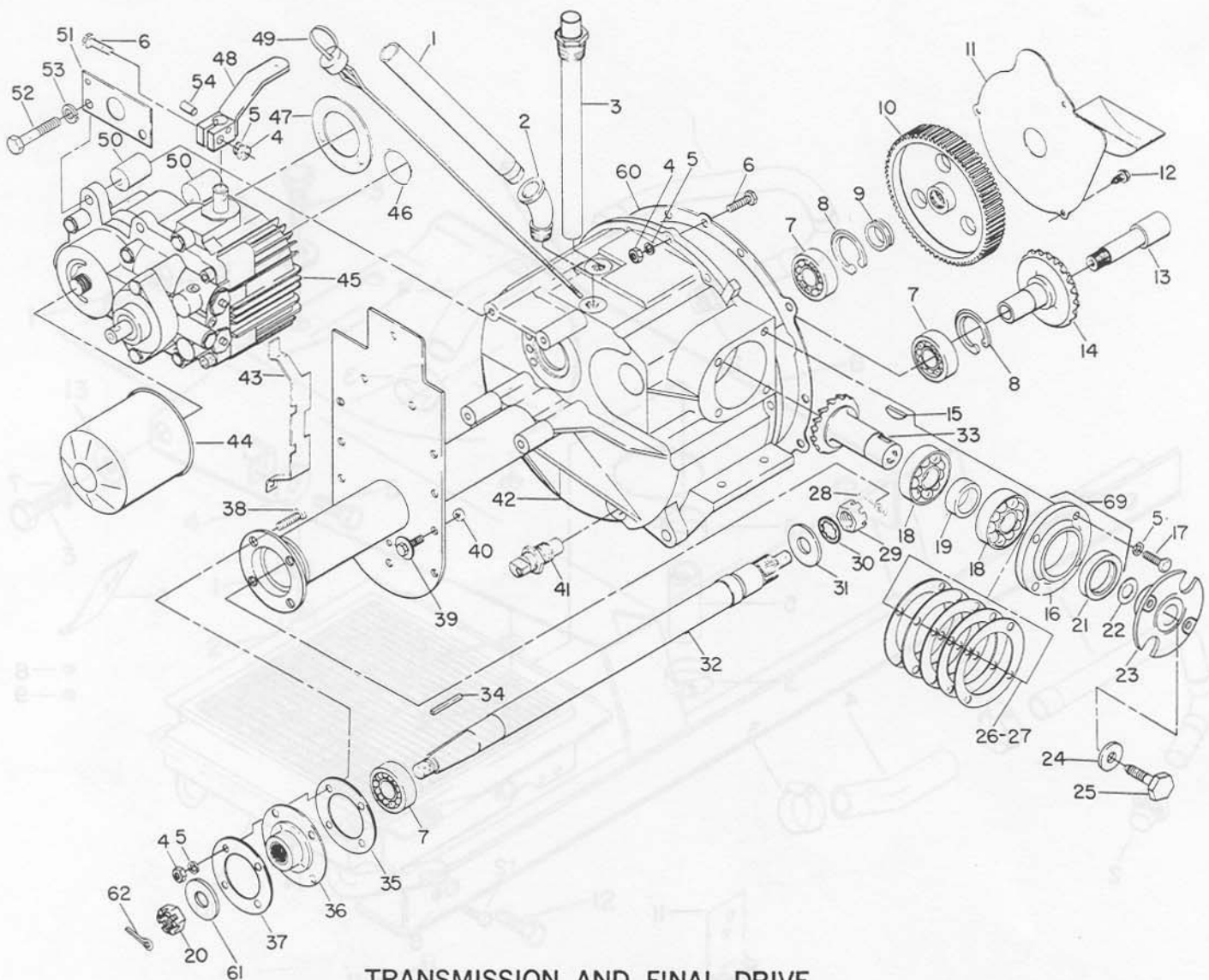
EXHAUST SYSTEM

REF. NO.	PART NO.	DESCRIPTION	NO. REQ'D	REF. NO.	PART NO.	DESCRIPTION	NO. REQ'D
1	306835	Screw, 3/8	6	14	800290	Nut, 5/16 center lock	8
2	120177	Lockwasher, 3/8	1	15	820873	Tail pipe	2
3	809168	Washer, 3/8	1	16	813688	Clamp, tail pipe to exhaust	2
4	882100	Support, muffler	1	17	819195	Screw, #8	4
5	800351	Nut, 3/8 crownlock	5	18	821430	Clamp, seal	4
6	113531	Stud, exhaust manifold	4	19	821469	Seal	2
7	114100	Gasket, engine to exhaust manifold	2	20	820882	Ring, packing	2
8	882092	Manifold, right	1	21	882094	Pipe, exhaust right	1
	or				or		
	882093	Manifold, left	1		882095	Pipe, exhaust left	1
9	306325	Lockwasher, 5/16	4	22	306450	Screw, 5/16	4
10	306320	Nut, 5/16	4	23	111761	Gasket, muffler to exhaust pipe	2
11	821436	Screw, 5/16 sealing	4	24	820883	Gasket, manifold to muffler	2
12	103867	Washer, 5/16	4	25	882080	Muffler assembly	2
13	821834	Clamp, tail pipe to body	2	26	822555	Extension, tailpipe (Vehicles with 7-tooth sprockets)	2



HEAT EXCHANGER

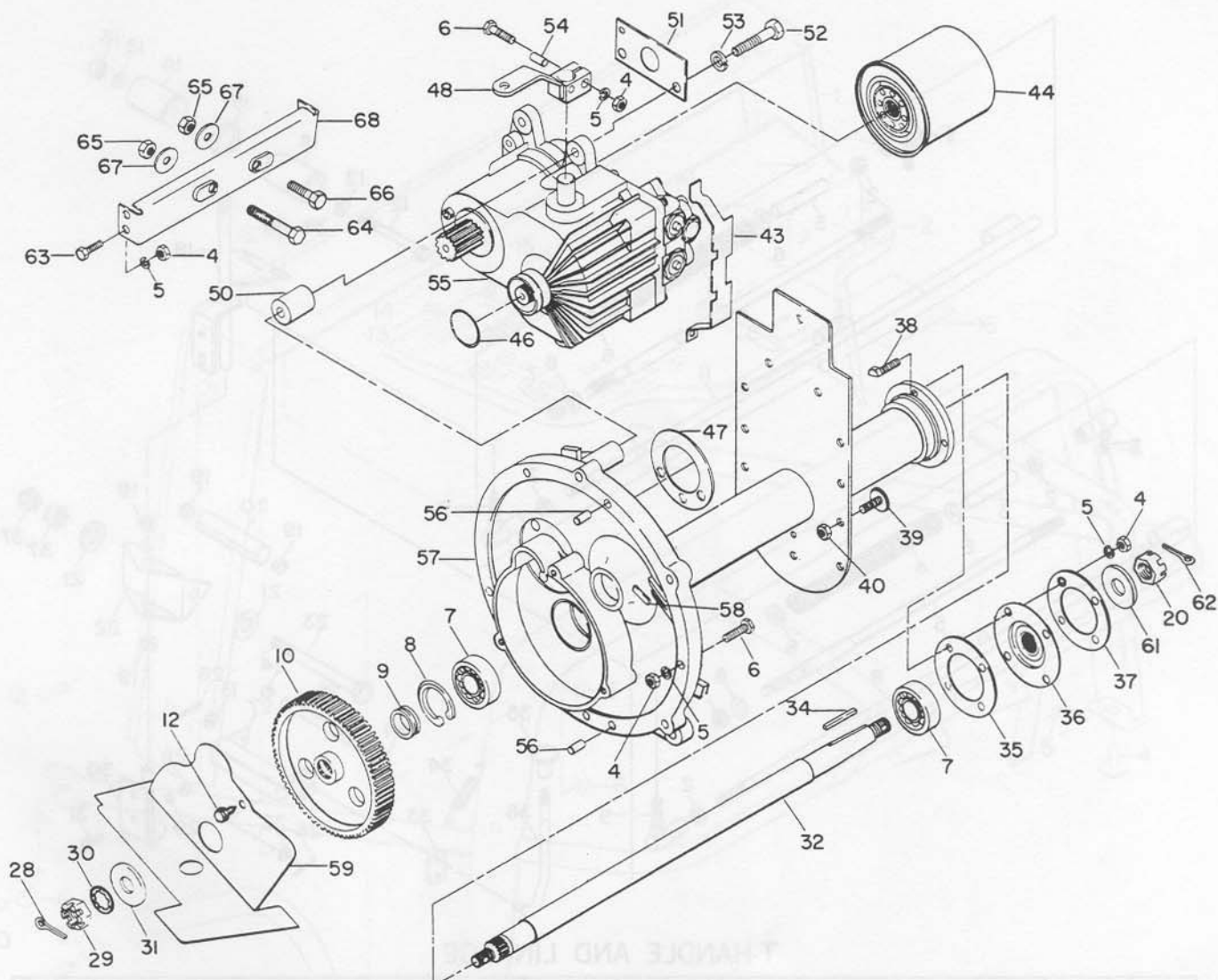
REF. NO.	PART NO.	DESCRIPTION	NO. REQ'D	REF. NO.	PART NO.	DESCRIPTION	NO. REQ'D
1	882102	Tube, right	1	8	306396	Lockwasher, 1/4	6
2	820891	Fitting, tube w/ferrule	2	9	306375	Nut, 1/4	4
3	820889	Hose clamp	6	10	882708	Heat exchanger	1
4	820887	Hose	2	11	821196	Bracket, support, left	1
5	820886	Hose	1	12	306419	Screw, 1/4	2
6	821195	Bracket, support, right	1	13	882101	Tube, left	1
7	306487	Screw, 1/4	4	14	821782	Seal	1



TRANSMISSION AND FINAL DRIVE

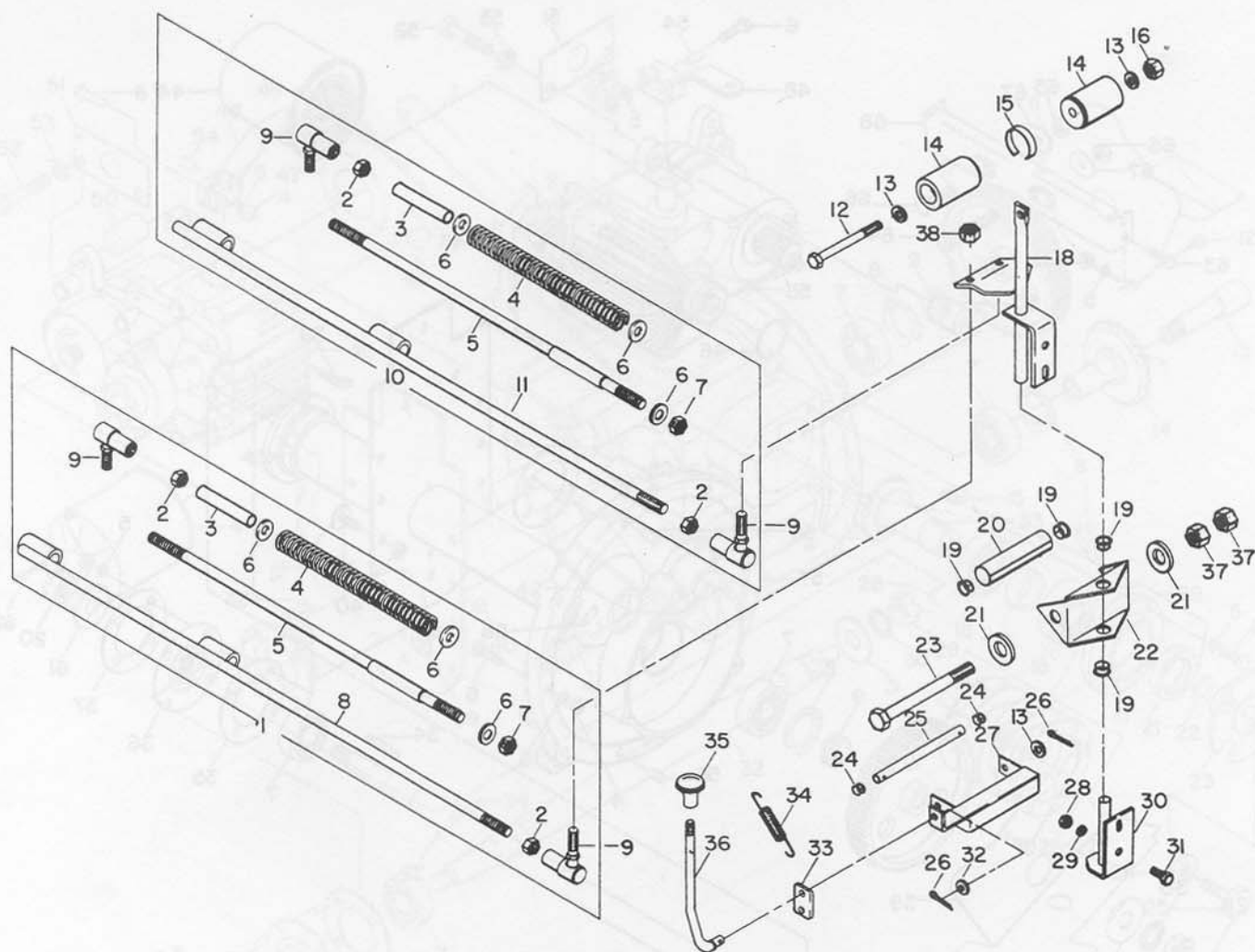
REF. NO.	PART NO.	DESCRIPTION	NO. REQ'D	REF. NO.	PART NO.	DESCRIPTION	NO. REQ'D
	882154	Transmission complete	1	18	820756	Bearing, ball	2
1	820858	Tube, trans. oil filler	1	19	820842	Spacer, bearing	1
2	821470	Elbow, 45° street	1	20	805843	Nut, 5/8	2
3	882087	Tube, oil pickup	1	21	814488	Seal, oil	1
4	306932	Nut, 5/16	22	22	821101	Gasket	1
5	306325	Lockwasher, 5/16	31	23	882025	Hub	1
6	306501	Screw, 5/16	15	24	817783	Washer, 7/16	1
7	815093	Bearing, ball	5	25	800340	Screw, 7/16 nylock	1
8	815087	Ring, retaining	3	26	820687	Shim, .003	As Req'd
9	820686	Spacer, gear	2	27	820688	Shim, .005	As Req'd
10	820689	Gear, drive out	2	28	306328	Pin, cotter	2
11	882089	Cover, left gear	1	29	306941	Nut, 1/2 castle	2
12	112050	Screw, 1/4 self-tapping	6	30	306994	Lockwasher, 1/2 I.T. shakeproof	2
13	882023	Coupling	1	31	809180	Washer, 1/2	2
14	820677	Gear, drive in	1	32	882021	Axle	2
15	306367	Key, gear	1	33	820690	Gear, pinion	1
16	820752	Retainer, oil seal	1	34	805875	Key, drive sprocket	2
17	302479	Screw, 5/16	4				

(continued on page 21)



TRANSMISSION AND FINAL DRIVE (Con'd)

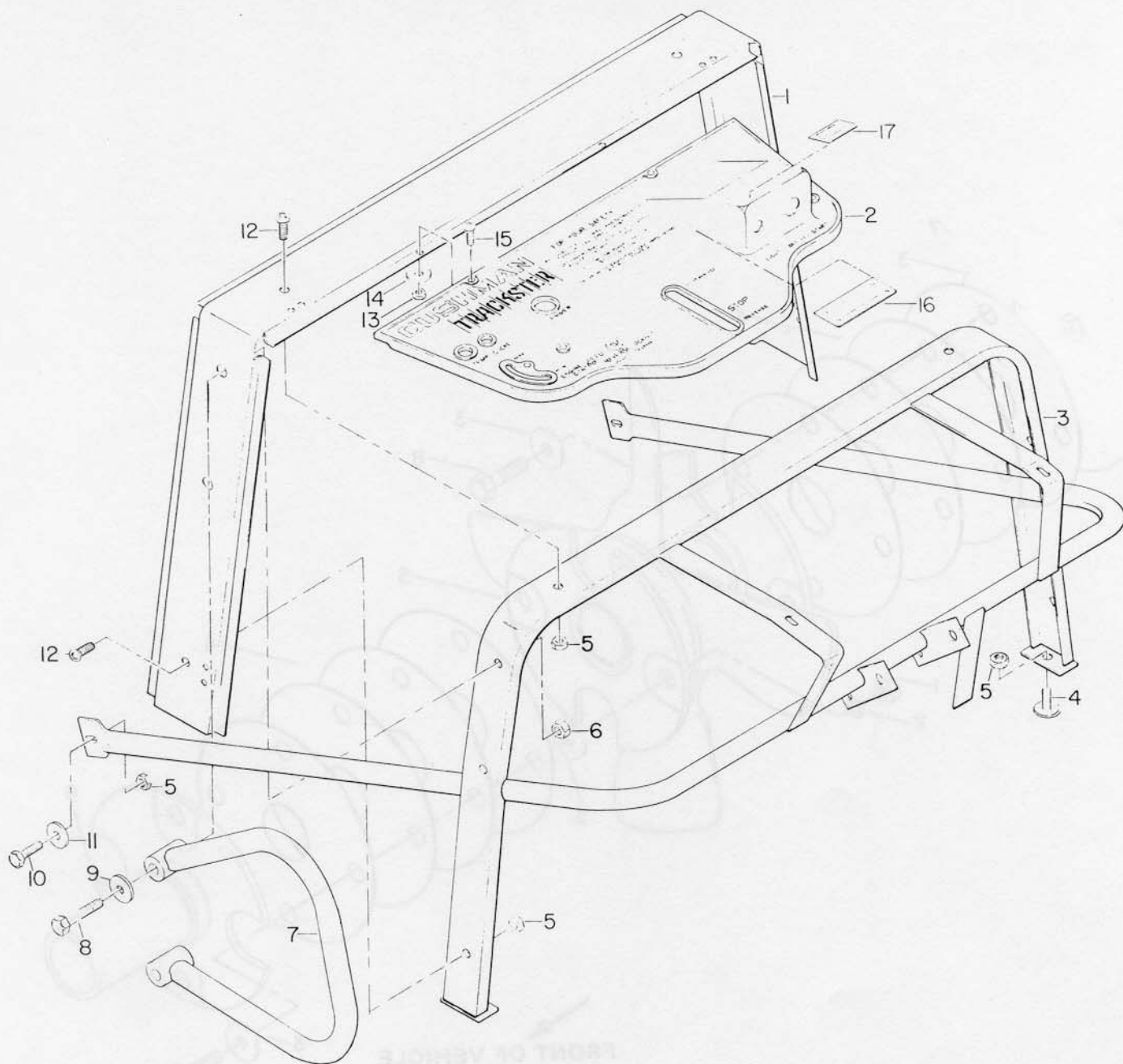
REF. NO.	PART NO.	DESCRIPTION	NO. REQ'D	REF. NO.	PART NO.	DESCRIPTION	NO. REQ'D
35	820696	Gasket, axle retainer	2	53	120177	Lockwasher, 3/8	8
36	882286	Seal & retainer	2	54	315630	Pin, 1/4 x 1	2
37	821433	Ring, retainer	1	55	882593	Trans., right hyd.—includes gaskets and filter (New)	1
38	806251	Screw, 5/16	8				
39	821436	Screw, 5/16 sealing	24				
40	800290	Nut, 5/16 center lock	24				
41	820763	Sender, oil temp. indicator	1				
42	882026	Case, left	1	56	821332	Pin, dowel	2
43	821444	Clip, towing valve	2	57	882027	Case, right	1
44	820950	Filter, transmission	2	58	821461	Gasket, right trans. case	1
45	882592	Trans., left hyd.—includes gaskets and filter (New)	1	59	882090	Cover, right gear	1
				60	820694	Gasket, trans. cases	1
				61	809156	Washer, 5/8 (not used with 7 toothed sprockets)	2
46	821902	O-Ring, hydrostatic mtg.	2	62	304636	Pin, cotter	2
47	820693	Gasket, hydrostatic	2	63	306555	Screw, 5/16	4
48	882086	Arm, control	2	64	551094	Screw, 3/8	1
49	882088	Dipstick	1	65	306562	Nut, 3/8	2
50	820692	Spacer, hydrostatic	4	66	306835	Screw, 3/8	1
51	821440	Hanger, trans. unit	2	67	306981	Washer 3/8	2
52	311213	Screw, 3/8	8	68	882490	Bracket, control rod adj.	1
				69	882287	Seal & retainer	1



T-HANDLE AND LINKAGE

REF. NO.	PART NO.	DESCRIPTION	NO. REQ'D	REF. NO.	PART NO.	DESCRIPTION	NO. REQ'D
1	882106	Rod assy. control, left	1	18	882215	Lever, control	1
2	306319	Nut, 3/8	2	19	820628	Bearing, control handle	4
3	821301	Spacer, rod	1	20	821202	Spacer, control pivot	1
4	820896	Spring	1	21	820629	Friction washer	2
5	882103	Rod, control	1	22	821082	Pivot, control rod	1
6	306981	Washer, 3/8	3	23	311400	Screw, 7/16	1
7	800292	Nut, 3/8 center lock	1	24	818306	Grommet, reverse pivot	2
8	882104	Rod, control, left	1	25	821238	Pivot, shifter	1
9	822221	Ball joint	2	26	306372	Pin, cotter, 3/32 x 1/2	3
10	882107	Rod, control, right, long	1	27	882213	Stop, neutral	1
2	306319	Nut, 3/8	2	28	306375	Nut, 1/4	2
3	821301	Spacer, rod	1	29	306396	Lockwasher, 1/4	2
4	820896	Spring	1	30	882218	Shaft, control handle	1
5	882103	Rod, control, right	1	31	306487	Screw, 1/4	2
6	306981	Washer, 3/8	3	32	800303	Washer, 1/4 flat	1
7	800292	Nut, 3/8 center lock	1	33	111759	Bracket, spring	1
11	882105	Rod, control, right	1	34	805444	Spring, reverse lockout	1
9	822221	Ball joint, steering	2	35	821410	Knob, reverse	1
12	309280	Screw, 5/16	1	36	821224	Rod, reverse lockout	1
13	103867	Washer, 5/16	4	37	304364	Nut, 7/16	2
14	821209	Handle, control	2	38	805837	Nut, 3/8 crown lock	4
15	821407	Trim, control handle	1				
16	800290	Nut 5/16 centerlock	1				

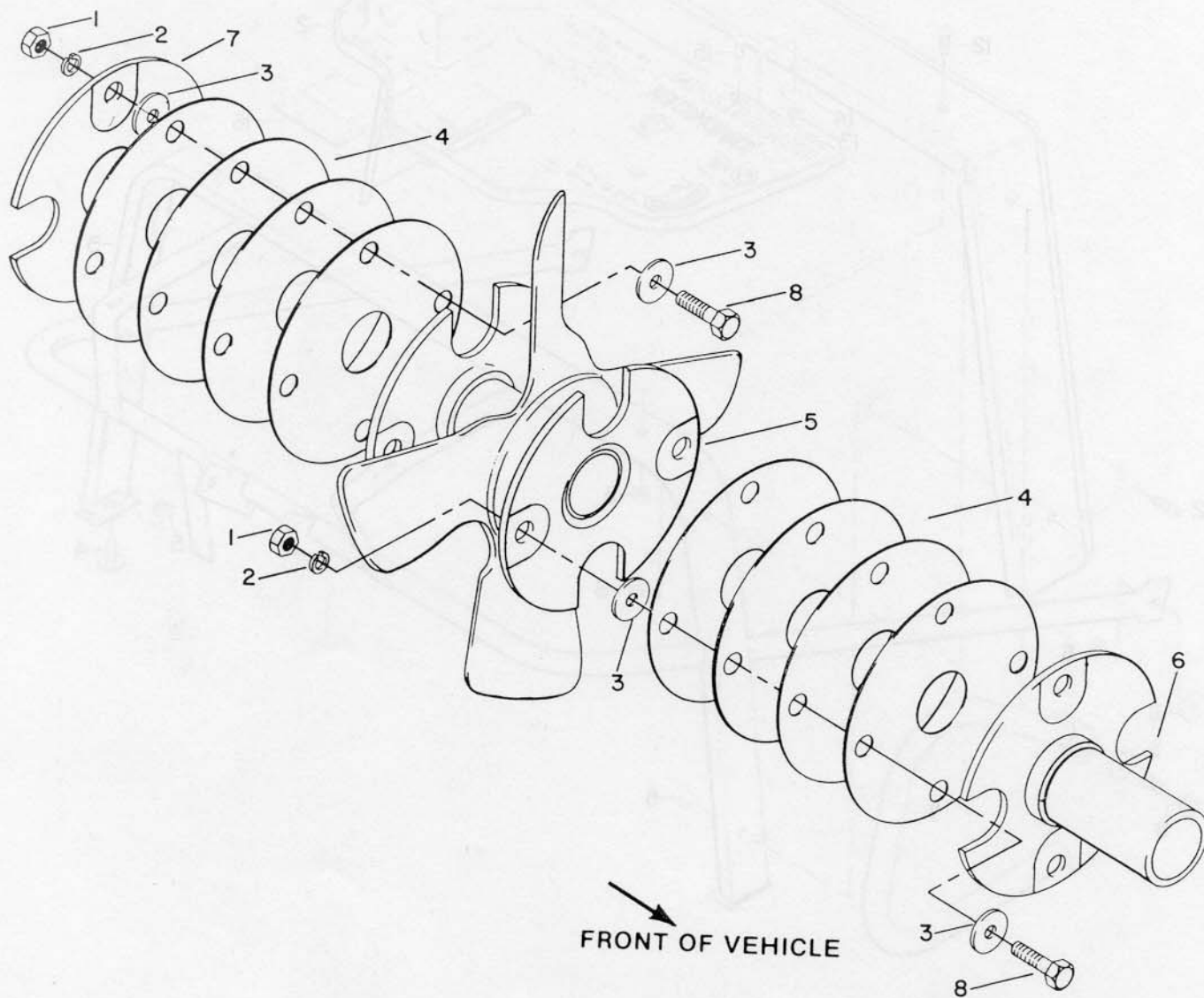
INDENTED PART NAMES INDICATE THESE PARTS ARE INCLUDED IN PREVIOUS ASSEMBLY



CONTROL PANEL & SUPPORT

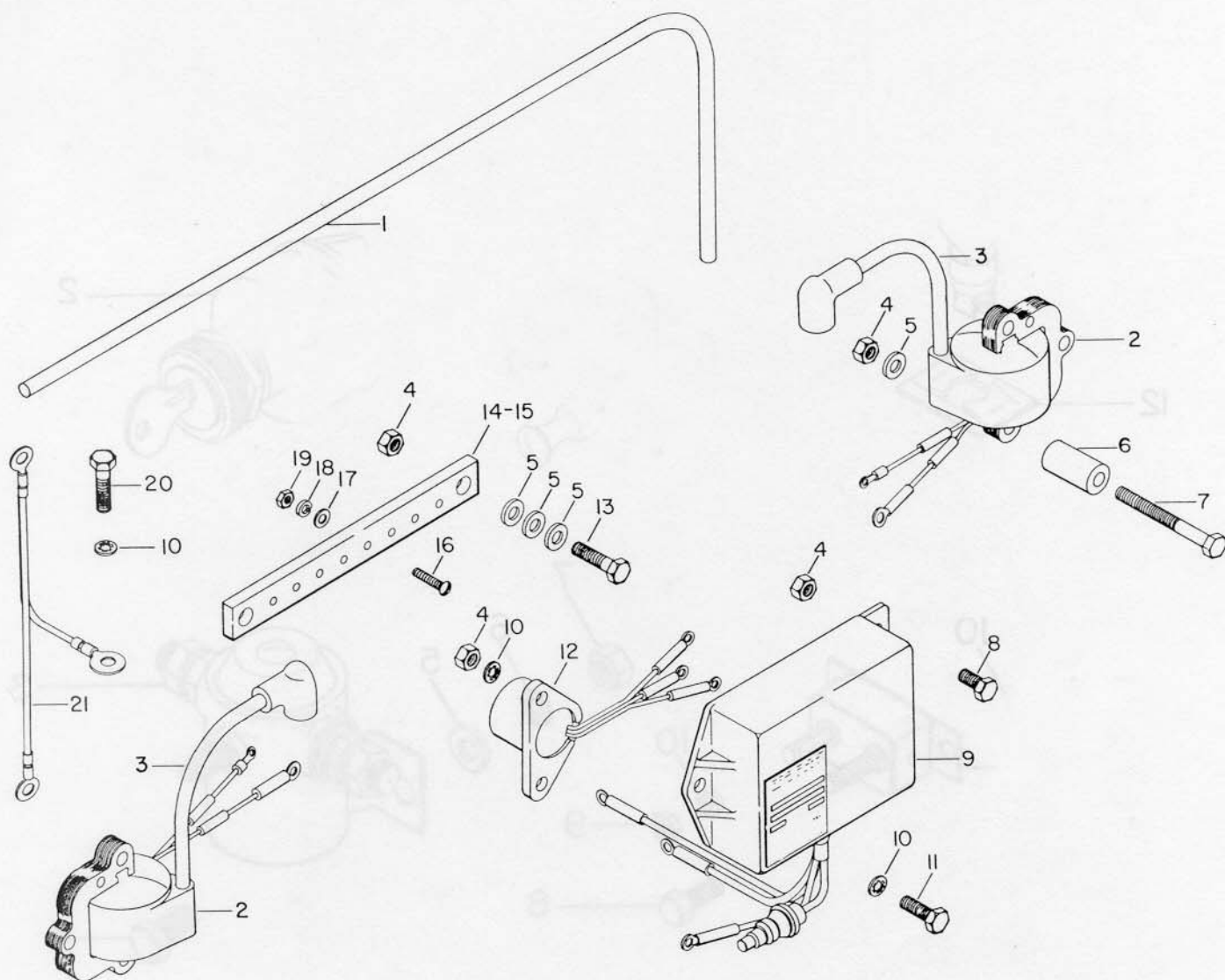
REF. NO.	PART NO.	DESCRIPTION	NO. REQ'D	REF. NO.	PART NO.	DESCRIPTION	NO. REQ'D
1	821074	Trim, support	1	11	103867	Washer, 5/16	2
2	821280	Panel, control	1	12	800177	Screw, 5/16	4
3	882164	Support, control panel	1	13	800053	Nut, #10 center lock	3
4	821436	Screw, sealing	2	14	308089	Washer, #10	3
5	800290	Nut, 5/16 center lock	8	15	800215	Screw, #10	3
6	800292	Nut, 3/8 center lock	4	16	824730	Plate, safety warning	1
7	882167	Handhold	2	17	824741	Plate, water warning	1
8	311416	Screw, 3/8	4	*	800053	Nut, 10-24 center lock hex	4
9	603620	Washer, 3/8	4	*	306514	Screw, 10-24	4
10	306450	Screw, 5/16	2				

* Not Illustrated



DRIVE SHAFT AND FAN

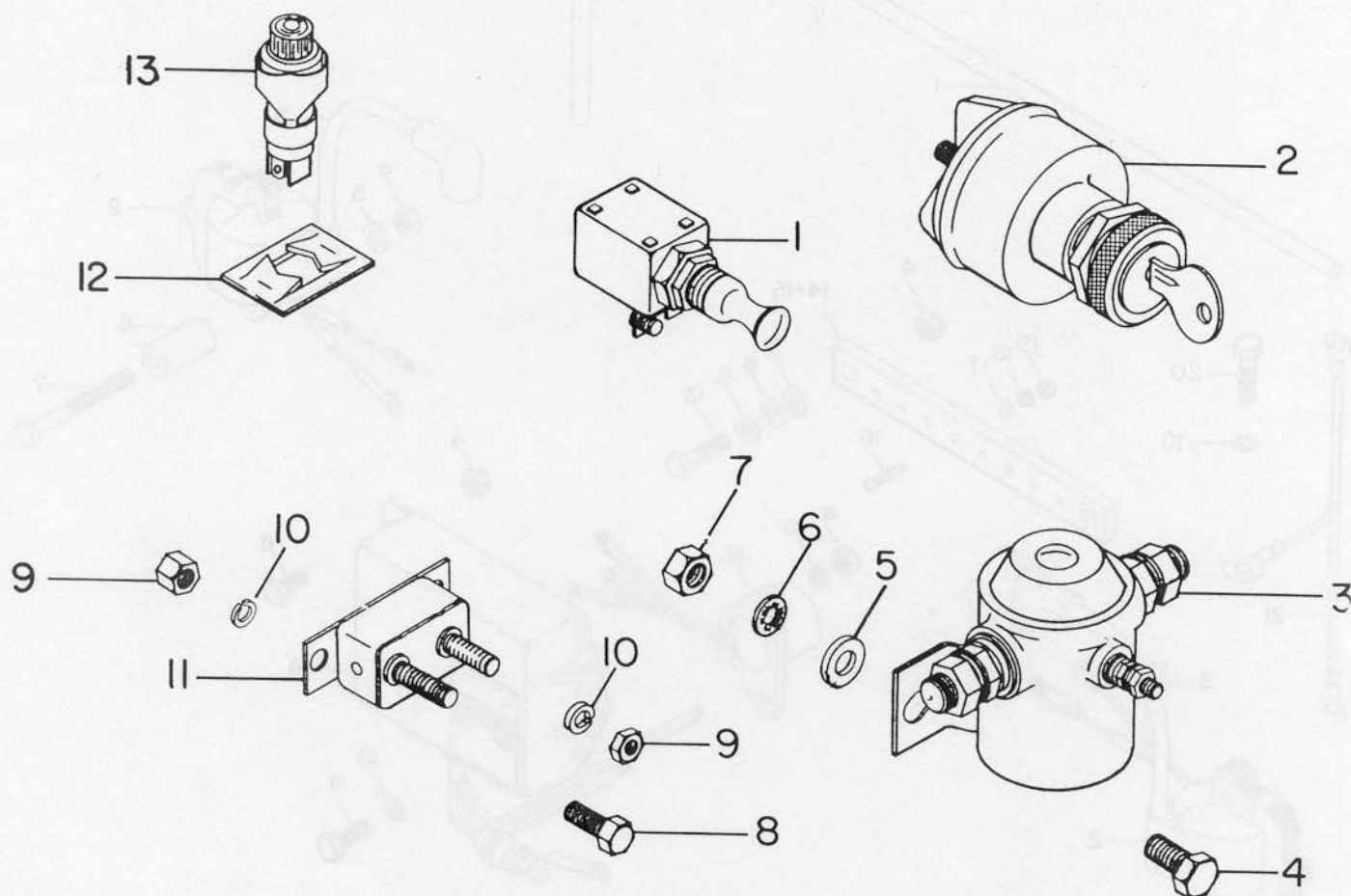
REF. NO.	PART NO.	DESCRIPTION	NO. REQ'D	REF. NO.	PART NO.	DESCRIPTION	NO. REQ'D
1	306932	Nut, 5/16	8	5	882045	Hub and fan	1
2	306325	Lockwasher, 5/16	8	6	882022	Hub, engine side	1
3	817358	Washer, coined	16	7	882025	Hub, transmission side	1
4	817362	Flex plates	8	8	817731	Screw, special	8



IGNITION COMPONENTS

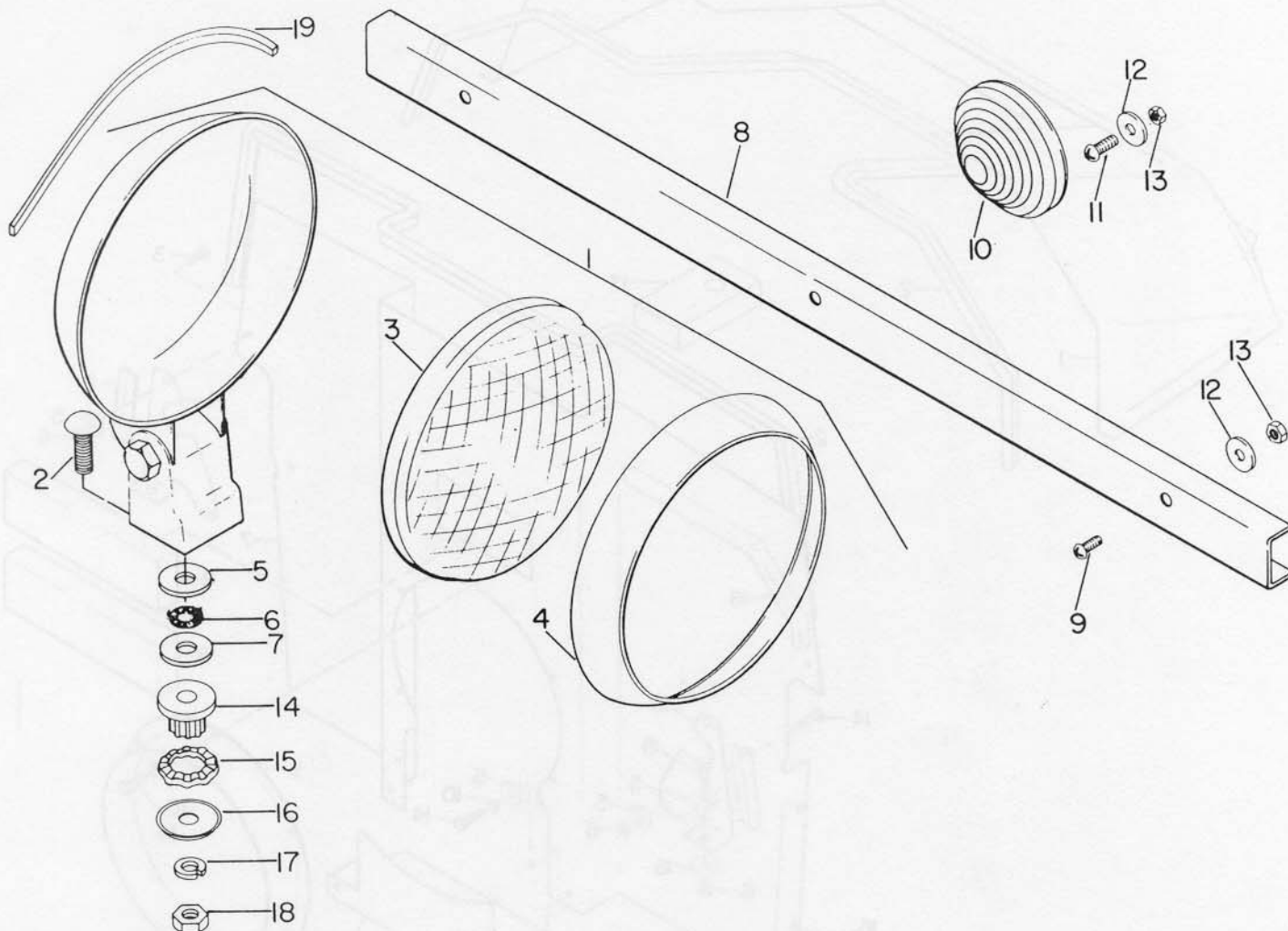
REF. NO.	PART NO.	DESCRIPTION	NO. REQ'D	REF. NO.	PART NO.	DESCRIPTION	NO. REQ'D
1	821448	Tube, wire cover	1	12	580765	Rectifier & lead	1
2	580883	Coil & yoke	2	13	302288	Screw, 1/4	2
3	580884	Lead, spark plug	2	14	882271	Terminal board	1
4	800059	Nut, 1/4 center lock	9	15	821311	Terminal board	1
5	308090	Washer, 1/4	7	16	306315	Screw #8	8
6	820884	Spacer, coil mtg.	4	17	308088	Washer, #8	8
7	302754	Screw, 1/4	4	18	306310	Lockwasher, #8	16
8	306419	Screw, 1/4	2	19	133079	Nut, #8	16
9	389551	Amplifier	1	20	306450	Screw, 5/16	1
10	306992	Lockwasher, 1/4 I.T. shakeproof	3	21	821190	Wire, amp. to ground	1
11	300646	Screw, 1/4	1				

INDENTED PART NAMES INDICATE THESE PARTS ARE INCLUDED IN PREVIOUS ASSEMBLY



ELECTRICAL COMPONENTS

REF. NO.	PART NO.	DESCRIPTION	NO. REQ'D	REF. NO.	PART NO.	DESCRIPTION	NO. REQ'D
1	882654	Switch, light	1	8	306514	Screw, #10	2
2	821181	Switch, ignition	1	9	132520	Nut, #10	4
3	810406	Solenoid	1	10	120052	Lockwasher, #10	4
4	306419	Screw, 1/4	2	11	806807	Circuit breaker	1
5	308090	Washer, 1/4	2	12	821308	Nut, retainer	1
6	306992	Lockwasher, 1/4 I.T. shakeproof	1	13	817324	Light, oil warning	1
7	800059	Nut, 1/4 center lock	2				

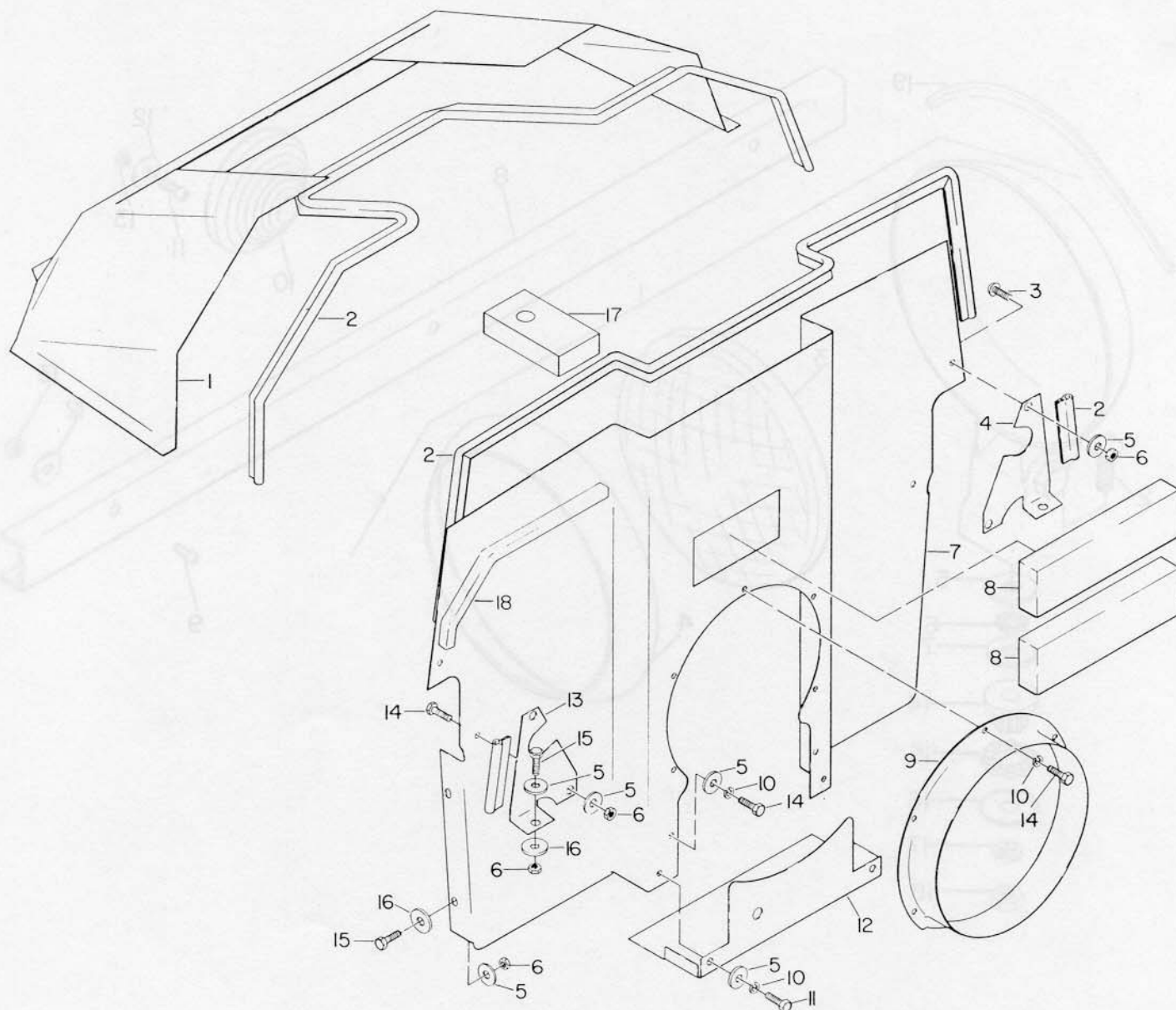


LIGHTS

REF. NO.	PART NO.	DESCRIPTION	NO. REQ'D	REF. NO.	PART NO.	DESCRIPTION	NO. REQ'D
1	821180	Headlight assembly	2	*	821940	. Lens	1
2	800073	. Bolt, carriage $\frac{3}{8}$	2	11	306527	Screw, # 10	2
3	821891	. Sealed beam, headlight #4414	2	12	821426	Washer, #10 sealing	5
4	821901	. Rim headlight	2	13	800053	Nut, #10 center lock	5
5	812666	Washer, $\frac{3}{8}$	2	14	822162	Bushing, vibration isolator	2
6	307001	Lockwasher, shakeproof	2	15	822163	Ring, vibration isolator	2
7	604174	Washer, $\frac{3}{8}$	2	16	822164	Retainer	2
8	821188	Guard, tail light wiring	1	17	120177	Lockwasher, $\frac{3}{8}$	2
9	800299	Screw, # 10	3	18	306562	Nut, $\frac{3}{8}$	2
10	882282	Tail light	1	19	822165	Stripping, headlight bumper	2
*	821939	. Bulb #1895	1				

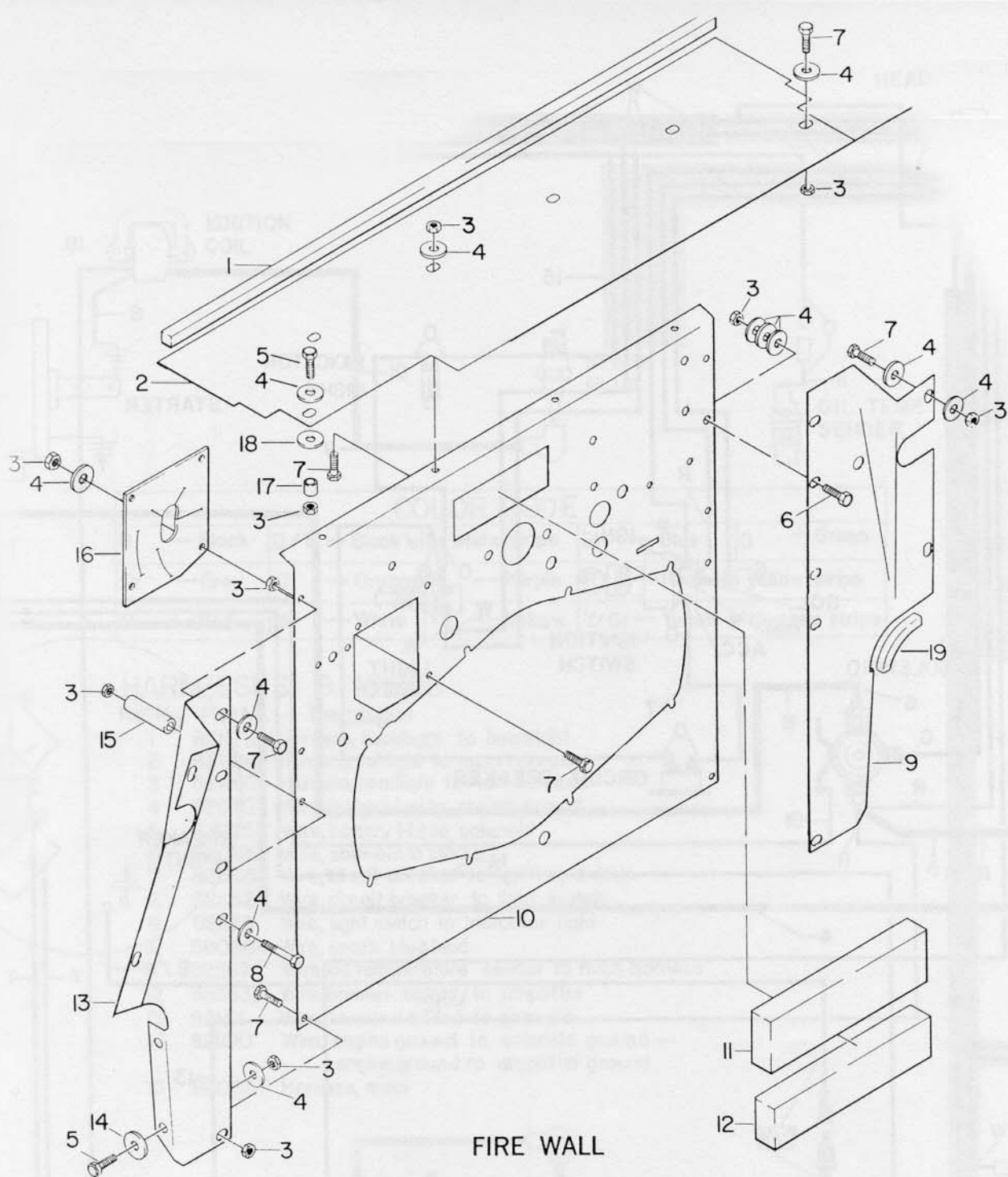
*Not Illustrated

INDENTED PART NAMES INDICATE THESE PARTS ARE INCLUDED IN PREVIOUS ASSEMBLY



FRONT PANEL & FAN SHROUD

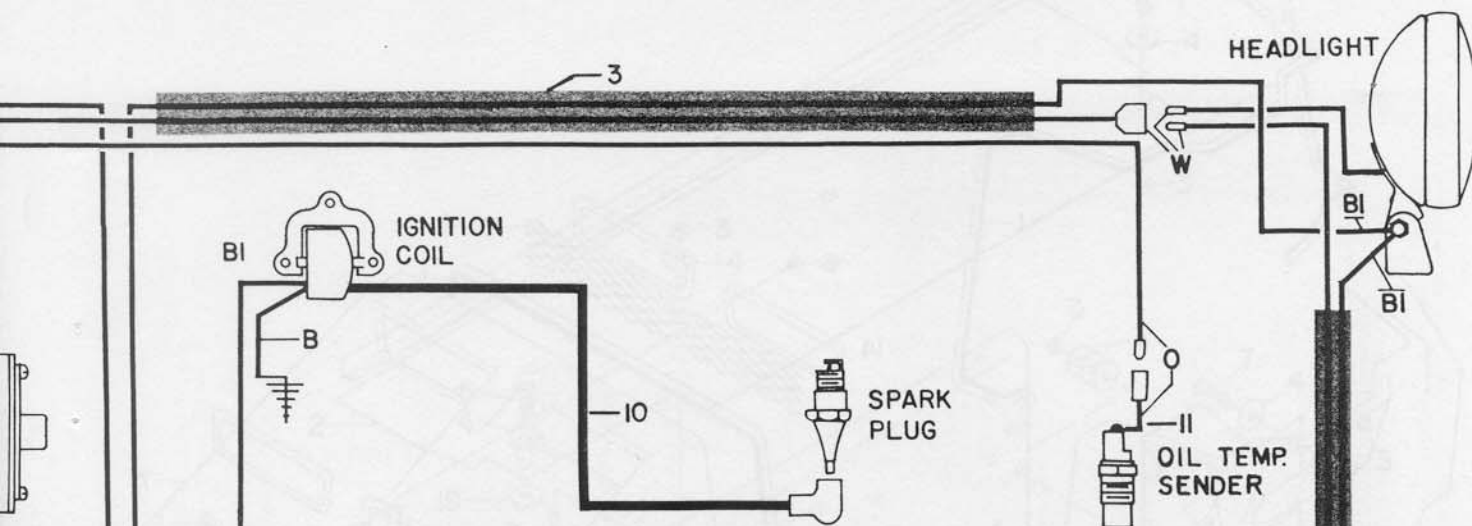
REF. NO.	PART NO.	DESCRIPTION	NO. REQ'D	REF. NO.	PART NO.	DESCRIPTION	NO. REQ'D
1	882288	Cover, heat exchanger	1	10	306396	Lockwasher, 1/4	9
2	821892	. Seal (10 foot length)	1	11	306419	Screw, 1/4	2
3	800019	Screw, 1/4	2	12	821100	Panel, power frame filler	1
4	821093	Panel, right filler	1	13	821092	Panel, left filler	1
5	308090	Washer, 1/4	14	14	306419	Screw, 1/4	9
6	800059	Nut, 1/4 center lock	10	15	300646	Screw, 1/4	6
7	882168	Panel, front (w/seal 821892)	1	16	821427	Washer, sealing	6
8	821445	. Seal, foam	2	17	821768	Seal, dipstick tube	1
9	821090	Shroud, fan	1	18	821782	Seal	2



FIRE WALL

REF. NO.	PART NO.	DESCRIPTION	NO. REQ'D	REF. NO.	PART NO.	DESCRIPTION	NO. REQ'D
1	821536	Strip, sealing	1	11	821445	. Seal, control rods, upper	1
2	821270	Panel, sound	1	12	821281	. Seal, control rods, lower	1
3	800059	Nut, 1/4 center lock	27	13	821192	Panel, left filler	1
4	308090	Washer, 1/4	33	14	821427	Washer, sealing	4
5	300646	Screw, 1/4	5	15	820884	Spacer	4
6	302288	Screw, 1/4	1	16	821423	Boot, starter access	1
7	306419	Screw, 1/4	16	17	817019	Spacer	1
8	302754	Screw, 1/4	4	18	816307	Washer	1
9	821193	Panel, right filler	1	19	821681	Seal, firewall	2
10	882299	Fire wall	1				

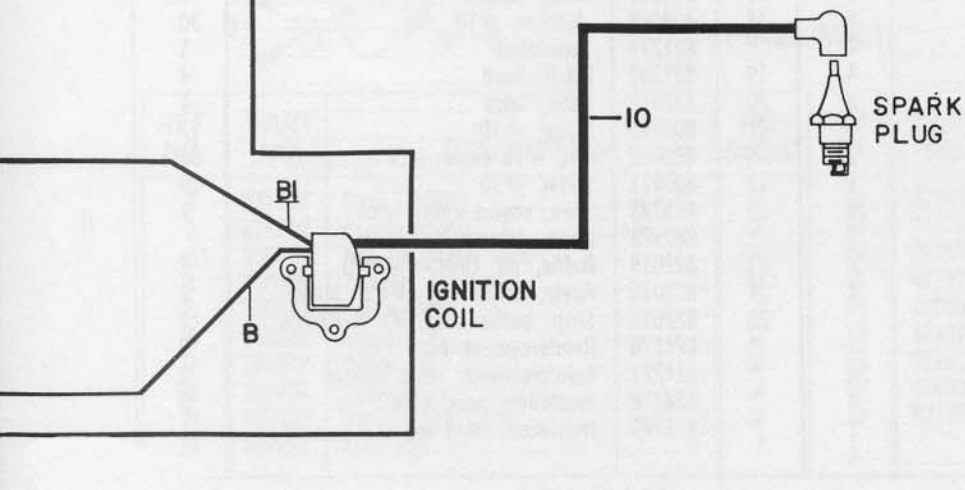
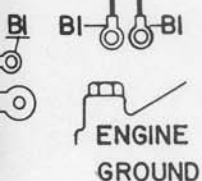


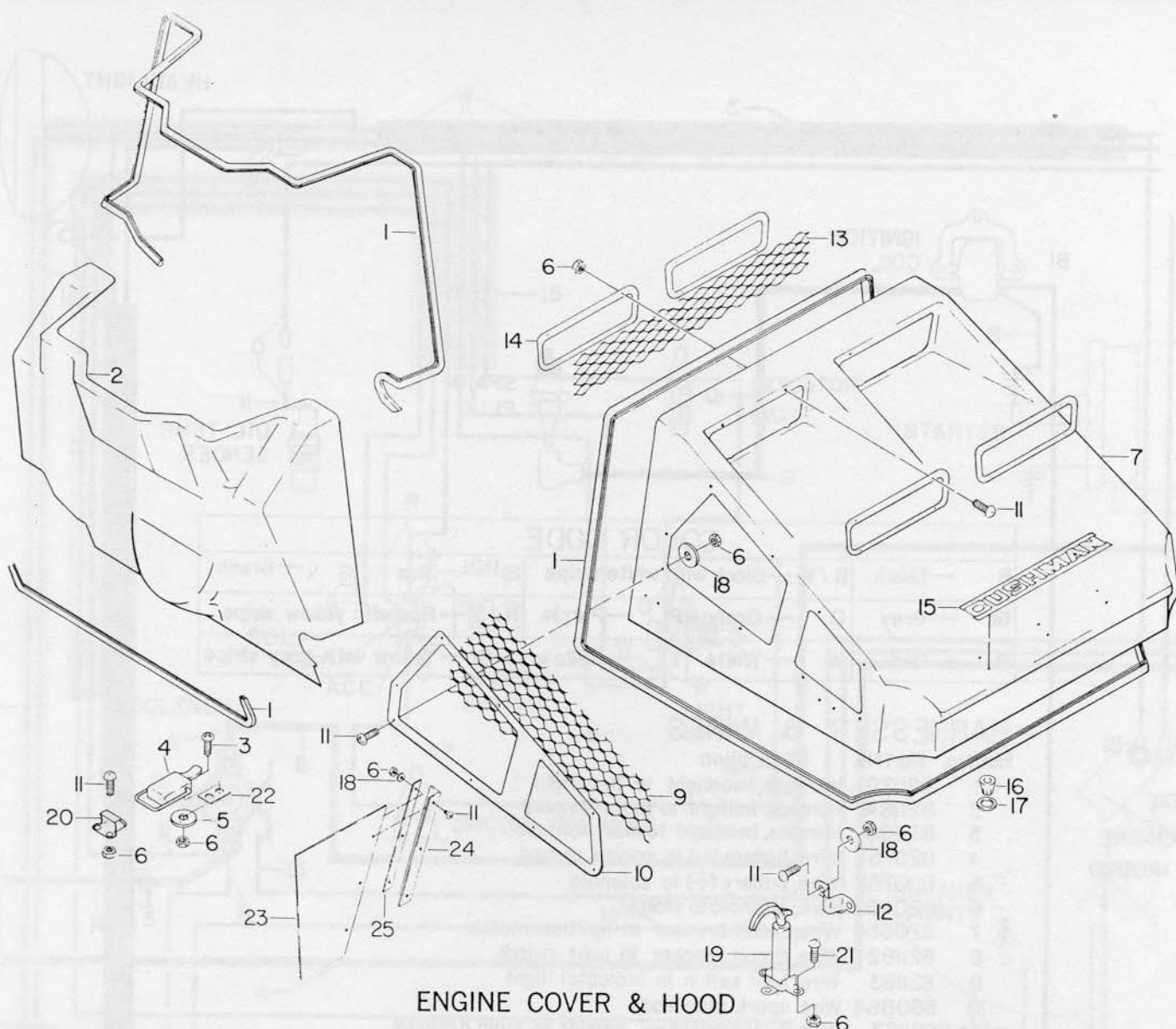


COLOR CODE						
B	— Black	B / W — Black with white stripe	Bl	— Blue	G	— Green
Gr	— Grey	O — Orange	P — Purple	R / Y — Red with yellow stripe		
R	— Red	W — White	Y — Yellow	Y/Gr — Yellow with grey stripe		

HARNESSES & WIRES

Ref.No.	Part No.	Description
1	821179	Harness, headlight to headlight
2	821184	Harness, taillight to main harness
3	821185	Harness, headlight to main harness
4	820757	Wire, battery (—) to engine ground
5	820758	Wire, battery (+) to solenoid
6	820652	Wire, solenoid to starter
7	820656	Wire, circuit breaker to ignition switch
8	821182	Wire, circuit breaker to light switch
9	821183	Wire, light switch to indicator light
10	580884	Wire, spark plug lead
11	821187	Wire, oil temperature sender to main harness
12	383533	Wire, breaker points to amplifier
13	821191	Wire, terminal board to solenoid
14	821190	Wire, engine ground to solenoid ground — engine ground to amplifier ground
15	820657	Harness, main



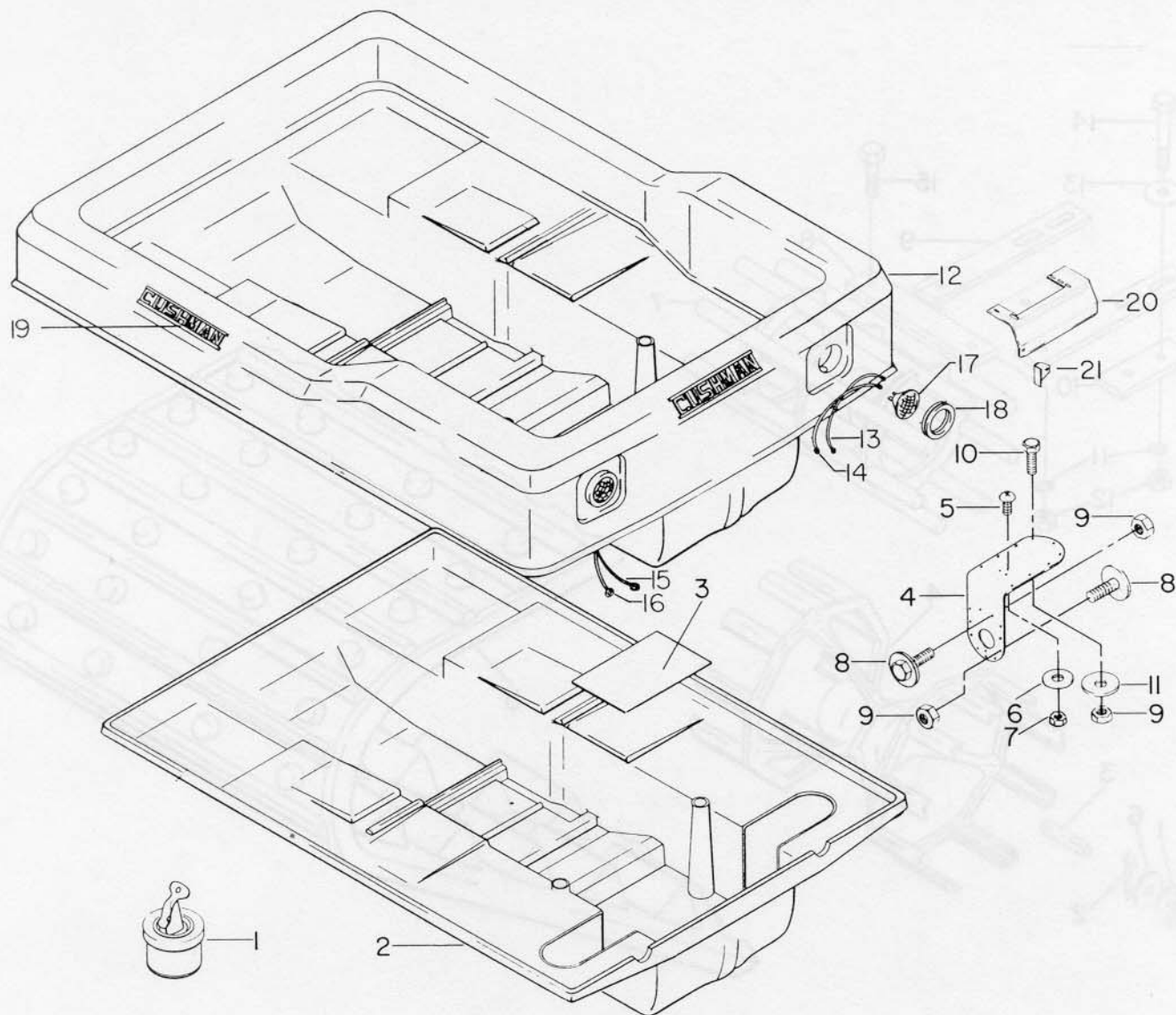


ENGINE COVER & HOOD

REF. NO.	PART NO.	DESCRIPTION	NO. REQ'D	REF. NO.	PART NO.	DESCRIPTION	NO. REQ'D
	882155	Cover, engine, complete	1	15	821453	Nameplate	1
1	821893	Molding, 12 foot	1	16	313973	Fastener, nameplate	6
2	821234	Cover, engine	1	17	314303	Ring, fastener	6
3	800296	Screw, #10	8	18	308089	Washer, #10	30
4	815782	Latch	4	*	821271	Insulation	1
5	308089	Washer	4	19	821233	Latch, hood	4
6	800053	Nut, #10 center lock	8	20	822612	Hook, latch	4
*	821271	Insulation	1	21	800215	Screw, #10	12
	882223	Hood	1	6	800053	Nut, #10 center lock	30
1	821893	Molding, 12 foot	1	11	800271	Screw, #10	10
6	800053	Nut, #10 center lock	10	22	815783	Shim, engine cover latch	4
7	821235	Hood	1	*	882928	Hood, (Marsh Model)	
9	821239	Screen, side	2	23	822019	Baffle, air (Marsh Model)	2
10	821439	Shield, side, right	1	24	822018	Angle, baffle mtg. (Marsh Model)	2
		or		25	822017	Strip, baffle mtg. (Marsh Model)	2
	821471	Shield, side, left	1	*	824276	Reinforcement, hood side	2
11	800296	Screw, #10	34	*	824277	Reinforcement, hood bottom	2
12	821232	Catch	4	*	824278	Insulation, hood side	2
13	821241	Screen, top	1	*	824279	Insulation, hood top	1
14	821243	Shield, top	4				

*Not illustrated

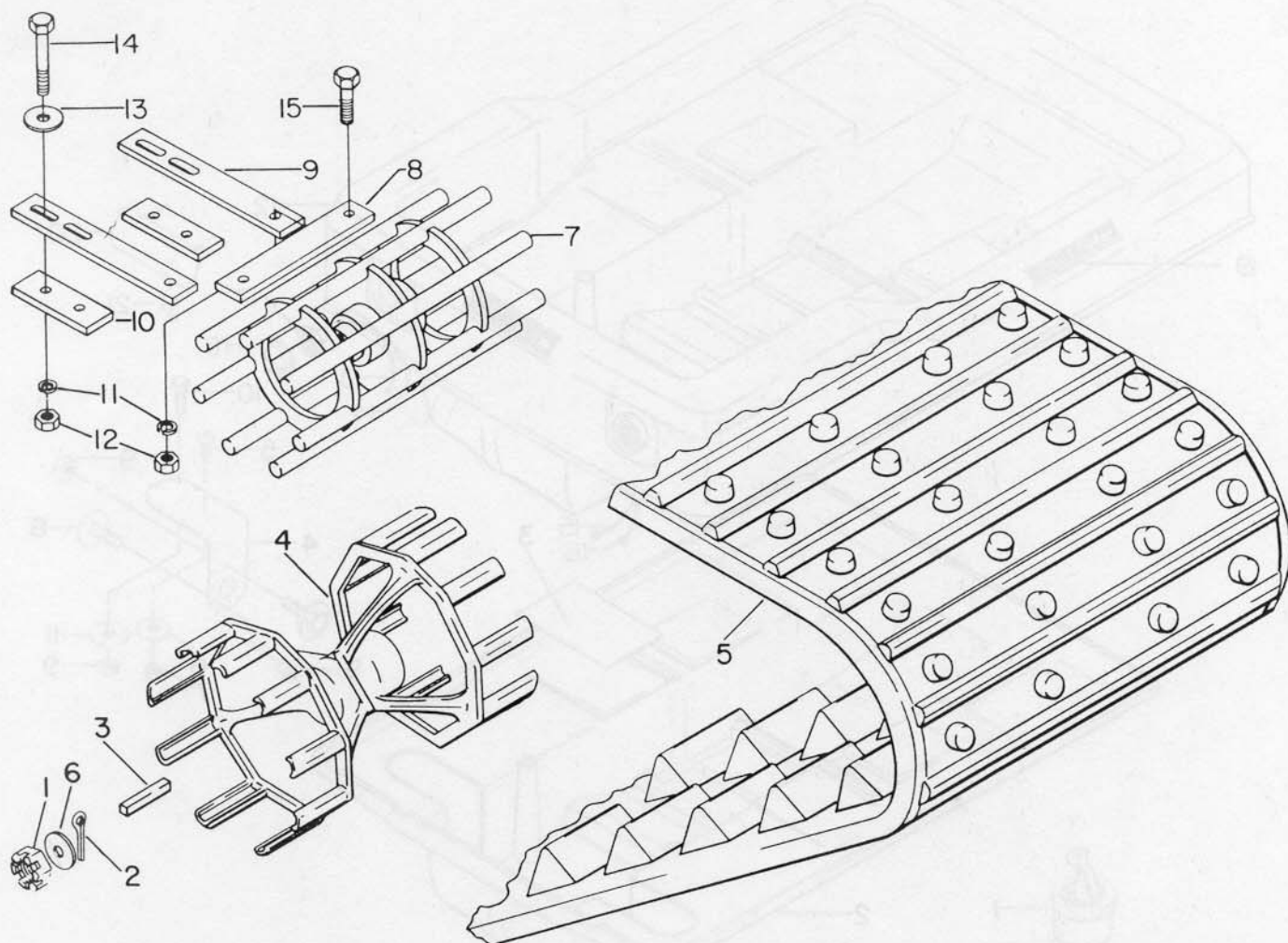
INDENTED PART NAMES INDICATE THESE PARTS ARE INCLUDED IN PREVIOUS ASSEMBLY



BODY

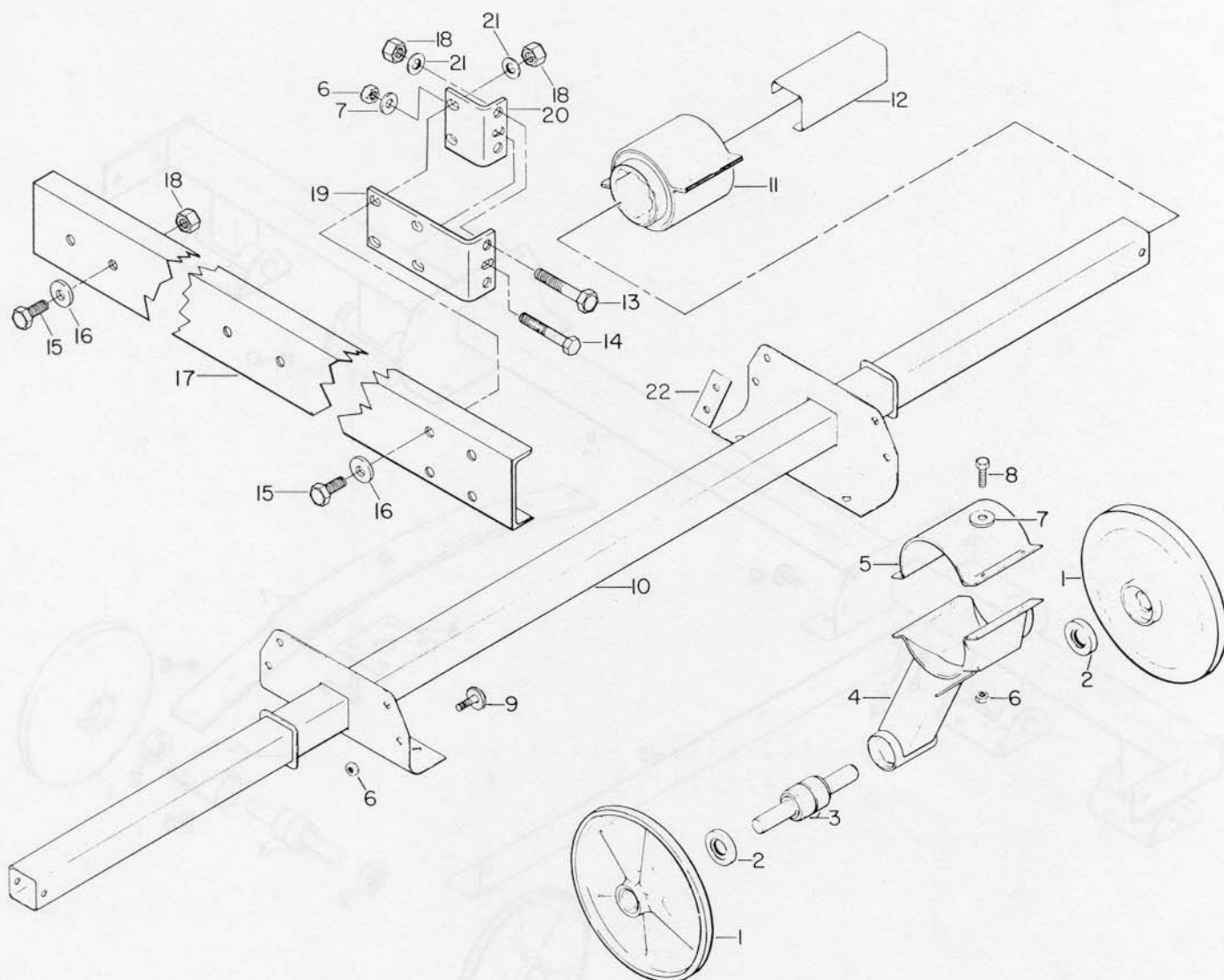
REF. NO.	PART NO.	DESCRIPTION	NO. REQ'D	REF. NO.	PART NO.	DESCRIPTION	NO. REQ'D
1	821274	Drain plug	2	14	818978	Wire, green w/eyelet & spade connectors	1
2	821236	Body	1	15	882462	Wire, yellow	1
3	821273	Tread step	3	16	882464	Wire, yellow	1
4	820742	Support, left	1	17	821891	Headlight	2
or	820741	Support, right	1	18	260389	Retaining ring, headlight	2
5	800215	Screw, #10	12	19	821453	Plate, name	3
6	308089	Washer, #10	12	*	821956	Paint, grey, 12 oz. spray	1
7	800053	Nut, #10 center lock	12	*	821957	Paint, green, 12 oz. spray	1
8	821436	Screw, 5/16 sealing	24	*	822311	Sealant, weatherban #404	As Req'd
9	800290	Nut, 5/16 center lock	42	20	821810	Panel, water propulsion, rt.	1
10	306450	Screw, 5/16	18	21	821811	Panel, water propulsion, left	1
11	821250	Washer, 5/16 sealing	18		821812	Bracket, panel	2
12	882805	Body, (Marsh Model)	1				
13	882463	Wire, green w/eyelet & spade connectors	1				

*Not Illustrated



TRACK AND DRIVE SPROCKET

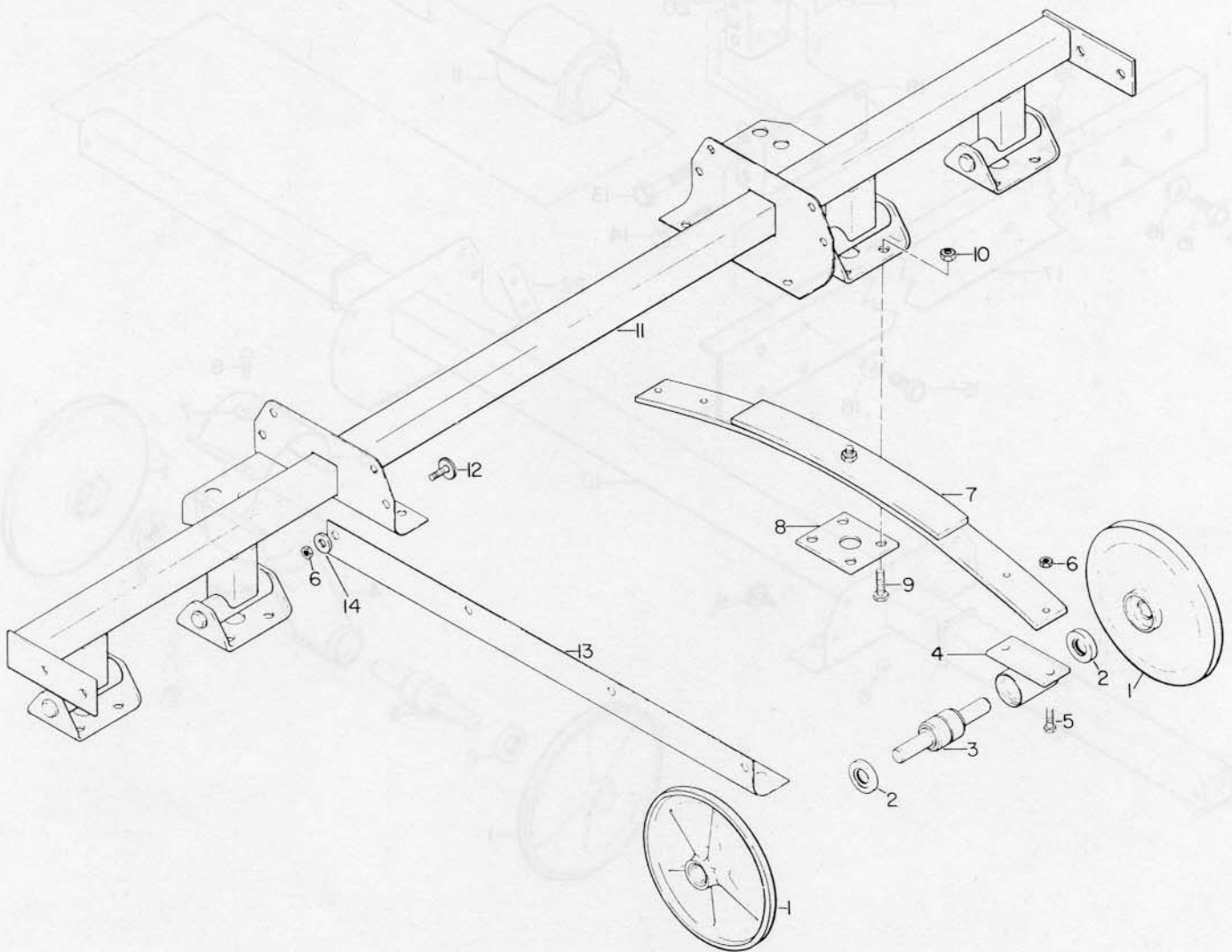
REF. NO.	PART NO.	DESCRIPTION	NO. REQ'D	REF. NO.	PART NO.	DESCRIPTION	NO. REQ'D
1	805843	Nut, $\frac{5}{8}$ castle	2	9	822789	Bracket, scraper	4
2	304636	Pin, cotter	2	10	822788	Pad, scraper	4
3	805875	Key	2	11	120177	Lockwasher, $\frac{3}{8}$	12
4	882041	Drive sprocket—9 tooth	2	12	306562	Nut, $\frac{3}{8}$	12
5	821272	Track	2	13	306981	Washer, $\frac{3}{8}$	8
6	809156	Washer (9 tooth sprocket only)	2	14	311213	Screw, $\frac{3}{8}$ x 3	8
7	882658	Drive sprocket—7 tooth	2	15	306835	Screw, $\frac{3}{8}$ x $1\frac{1}{2}$	4
8	822814	Scraper	2				



FRONT FRAME AND BOGIE WHEELS

REF. NO.	PART NO.	DESCRIPTION	NO. REQ'D	REF. NO.	PART NO.	DESCRIPTION	NO. REQ'D
1	882207	Support, front bogie wheel	4	12	820706	Spacer	2
2	820671	Wheel, bogie	8	13	311416	Screw, $\frac{3}{8}$	4
3	820719	Seal, bogie wheel	8	14	311417	Screw, $\frac{5}{16}$	2
4	820675	Bearing, bogie wheel	4	15	306414	Screw, $\frac{3}{8}$	16
5	882038	Support, front suspension	4	16	603620	Washer	16
6	820676	Cap, front suspension	4	17	820648	Rail, suspension	2
7	800290	Nut, $\frac{5}{16}$ center lock	30	18	800292	Nut, $\frac{3}{8}$ center lock	20
8	103867	Washer, $\frac{5}{16}$	18	19	820651	Bracket, outer	2
9	306450	Screw, $\frac{5}{16}$	16	20	820649	Bracket, inner	2
10	821436	Screw, sealing	12	21	306981	Washer, $\frac{3}{8}$	12
11	882037	Frame, front suspension	1	22	821900	Shim	As Req'd
	882007	Spring, torsilastic	4				

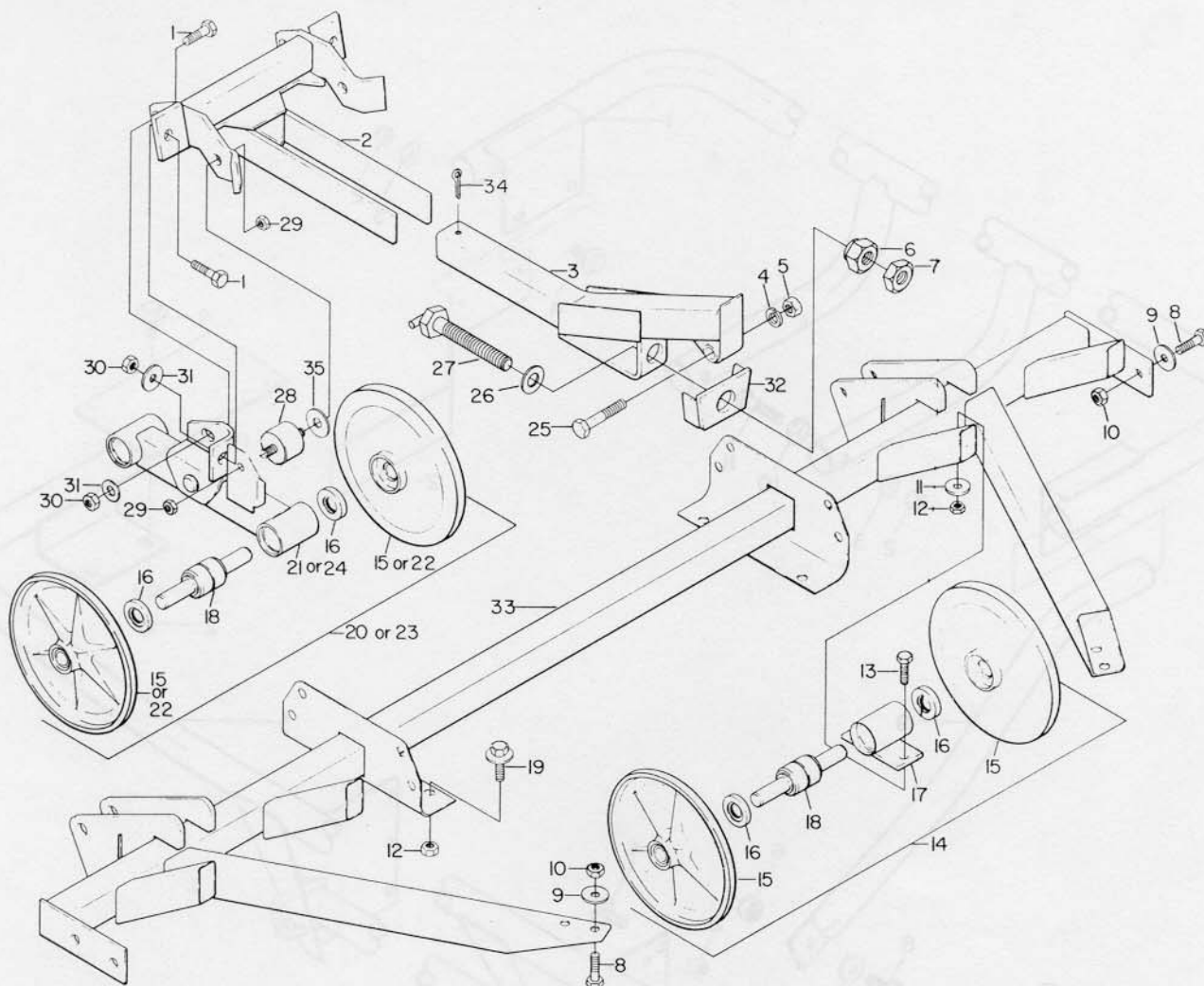
INDENTED PART NAMES INDICATE THESE PARTS ARE INCLUDED IN PREVIOUS ASSEMBLY



CENTER FRAME AND BOGIE WHEELS

REF. NO.	PART NO.	DESCRIPTION	NO. REQ'D	REF. NO.	PART NO.	DESCRIPTION	NO. REQ'D
1	882036	Bearing and wheel	8	8	820709	Retaining plate, spring	4
2	820671	Wheel, bogie	16	9	302600	Screw, $\frac{3}{8}$	16
3	820719	Seal, bogie wheel	16	10	800351	Nut, $\frac{3}{8}$ crownlock	16
4	820675	Bearing, bogie wheel	8	11	882039	Frame, center suspension	1
5	882035	Housing, bearing	8	12	821436	Screw, sealing	16
6	306450	Screw, 5/16	16	13	820705	Support, body, side	2
7	800290	Nut, 5/16 center lock	32	14	103867	Washer, 5/16	12
	820708	Spring	4				

INDENTED PART NAMES INDICATE THESE PARTS ARE INCLUDED IN PREVIOUS ASSEMBLY

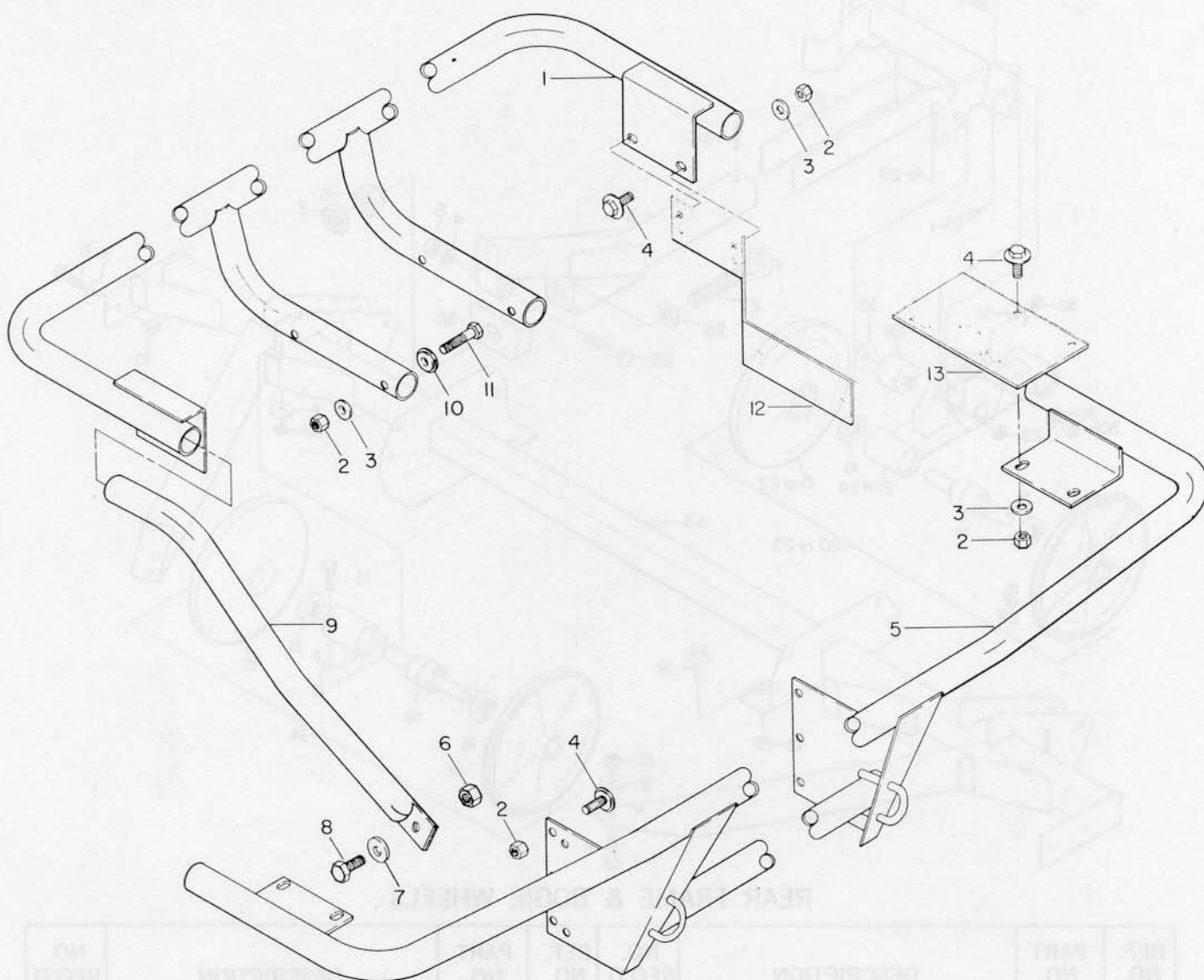


REAR FRAME & BOGIE WHEELS

REF. NO.	PART NO.	DESCRIPTION	NO. REQ'D	REF. NO.	PART NO.	DESCRIPTION	NO. REQ'D
1	306838	Screw, 7/16	8	15	820671	Wheel, bogie, front	4
2	882032	Carrier, rear suspension, 9-tooth spkt...	2	16	820719	Seal, bogie wheel	8
or	882706	Carrier, rear suspension 7-tooth spkt...	2	18	820675	Bearing, bogie wheel	4
3	882033	Rear release tube	2	21	882030	Pivot, left	2
4	120166	Lockwasher, 1/2	6	22	882156	Wheel, bogie, rear	4
5	308332	Nut, 1/2	6	23	882206	Pivot, right rear (1)	2
6	821455	Nut, track adjusting	2	15	820671	Wheel, bogie, front	4
7	200652	Nut, 5/8 jam	2	16	820719	Seal, bogie wheel	8
8	306414	Screw, 3/8	8	18	820675	Bearing, bogie wheel	4
9	603620	Washer, 3/8	8	22	882156	Wheel, bogie, rear	4
10	800292	Nut, 3/8 center lock	8	24	882031	Pivot, right	2
11	306371	Washer, 5/16	4	25	316406	Screw, 1/2	6
12	800290	Nut, 5/16 center lock	20	26	821848	Washer, track adjustment	2
13	130167	Screw, 5/16 x 2 1/4 hex. hd.	4	27	882426	Bolt, track adjustment	2
		or		28	821400	Shear mount	4
	306416	Screw, 5/16 x 1 hex. hd.	4	29	603773	Nut, 3/8 nylock	8
14	882036	Bearing and wheel	4	30	800294	Nut, 7/16 center lock	8
15	820671	Wheel, bogie	8	31	306982	Washer, 7/16	8
16	820719	Seal, bogie wheel	8	32	882292	Cap, track adjusting	2
17	882035	Housing, bearing	4	33	882034	Frame, rear	1
18	820675	Bearing, bogie wheel	4	34	310288	Pin, cotter	2
19	821436	Screw, sealing	12	35	809144	Spacer, sheer mount	As Req'd
20	882205	Pivot, left rear (1)	2				

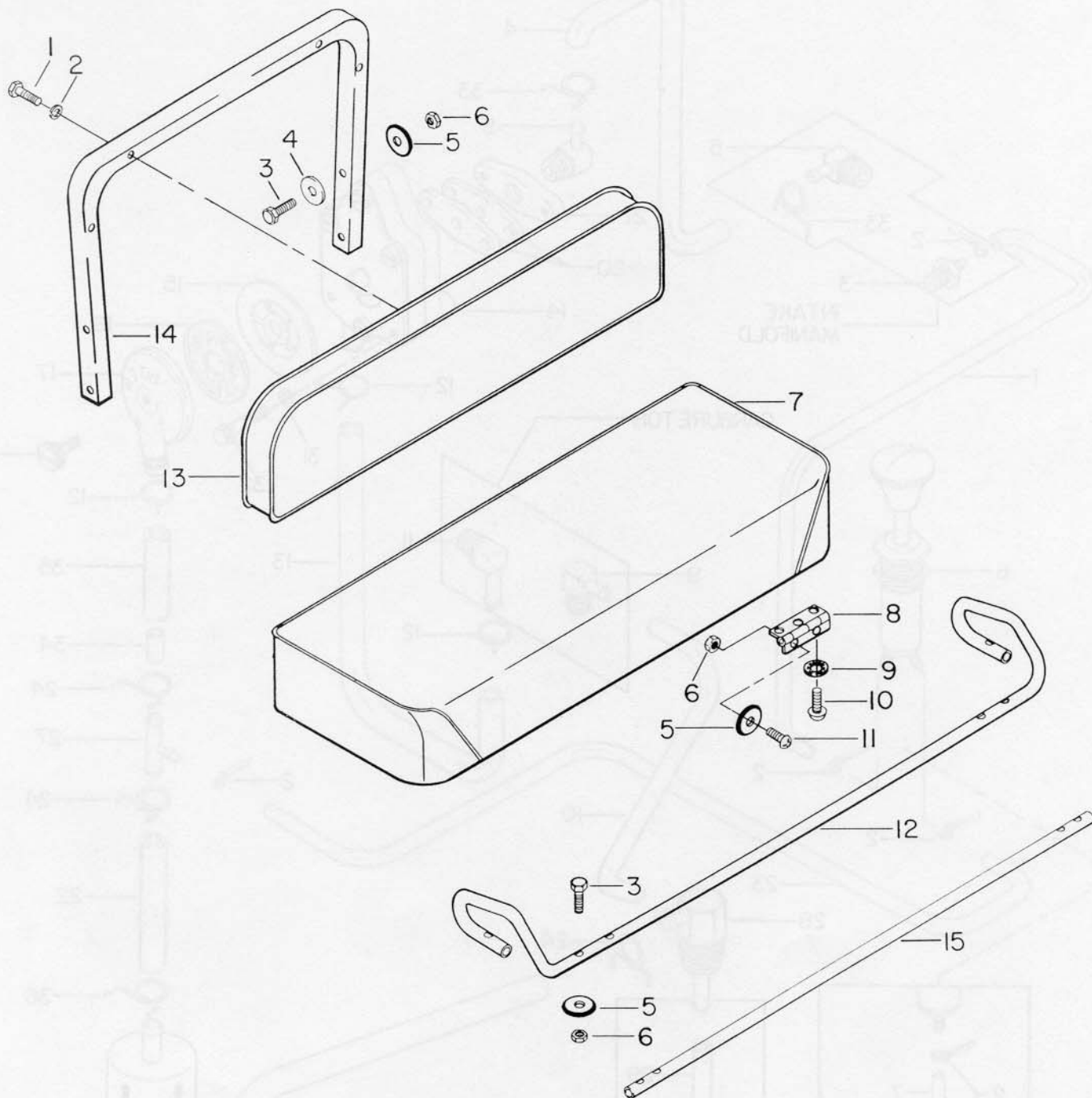
(1) THERE IS A LEFT AND A RIGHT PIVOT ASSEMBLY ON EACH SIDE OF VEHICLE.

INDENTED PART NAMES INDICATE THESE PARTS ARE INCLUDED IN PREVIOUS ASSEMBLY



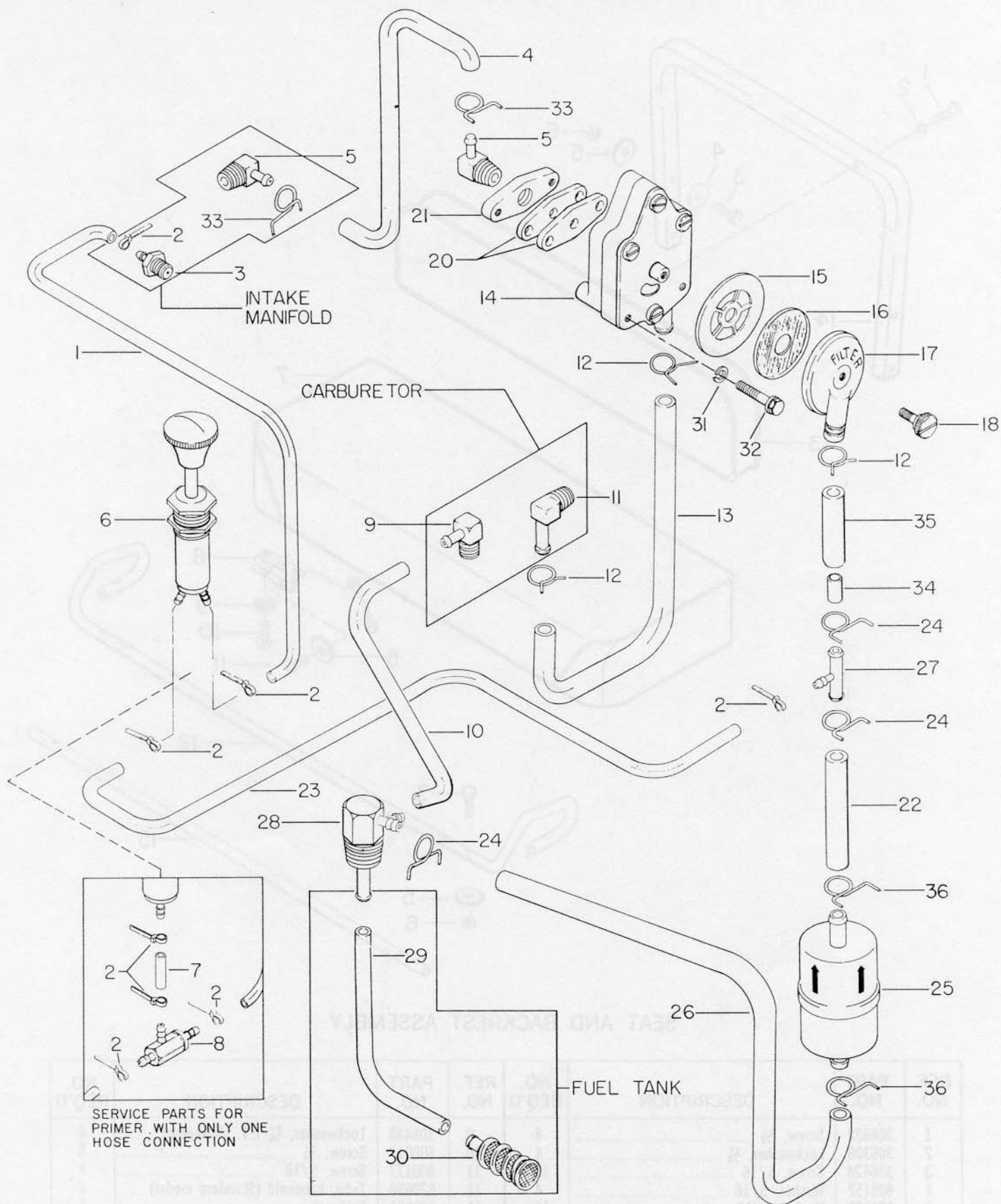
BUMPERS

REF. NO.	PART NO.	DESCRIPTION	NO. REQ'D	REF. NO.	PART NO.	DESCRIPTION	NO. REQ'D
1	882028	Bumper, rear	1	9	821501	Extension, bumper right	1
2	800290	Nut, 5/16 center lock	18		or		
3	103867	Washer, 5/16	12		821502	Extension, bumper left.....	1
4	821436	Screw, 5/16 sealing	14	10	821250	Washer, 5/16 sealing	4
5	882029	Bumper, front	1	11	311411	Screw, 5/16	4
6	800292	Nut, 3/8 center lock	2	12	822764	Bracket, rear bumper (Marsh model)...	2
7	603620	Washer, 13/32	2	13	822891	Bracket, front bumper (Marsh model)	2
8	306414	Screw, 3/8	2				



SEAT AND BACKREST ASSEMBLY

REF. NO.	PART NO.	DESCRIPTION	NO. REQ'D	REF. NO.	PART NO.	DESCRIPTION	NO. REQ'D
1	306832	Screw, 1/4	4	9	306488	Lockwasher, 1/4 E.T. shakeproof	6
2	306396	Lockwasher, 1/4	4	10	800017	Screw, 1/4	6
3	306424	Screw, 5/16	10	11	800177	Screw, 5/16	4
4	809152	Washer, 5/16	4	12	820698	Tube, handhold (Standard model)	1
5	821250	Washer, 5/16 sealing	14	13	882227	Backrest	1
6	800290	Nut, 5/16 center lock	14	14	820699	Support, backrest	1
7	882225	Seat	1	15	822782	Tube, body support (Marsh model)	1
8	820700	Hinge, seat	2				

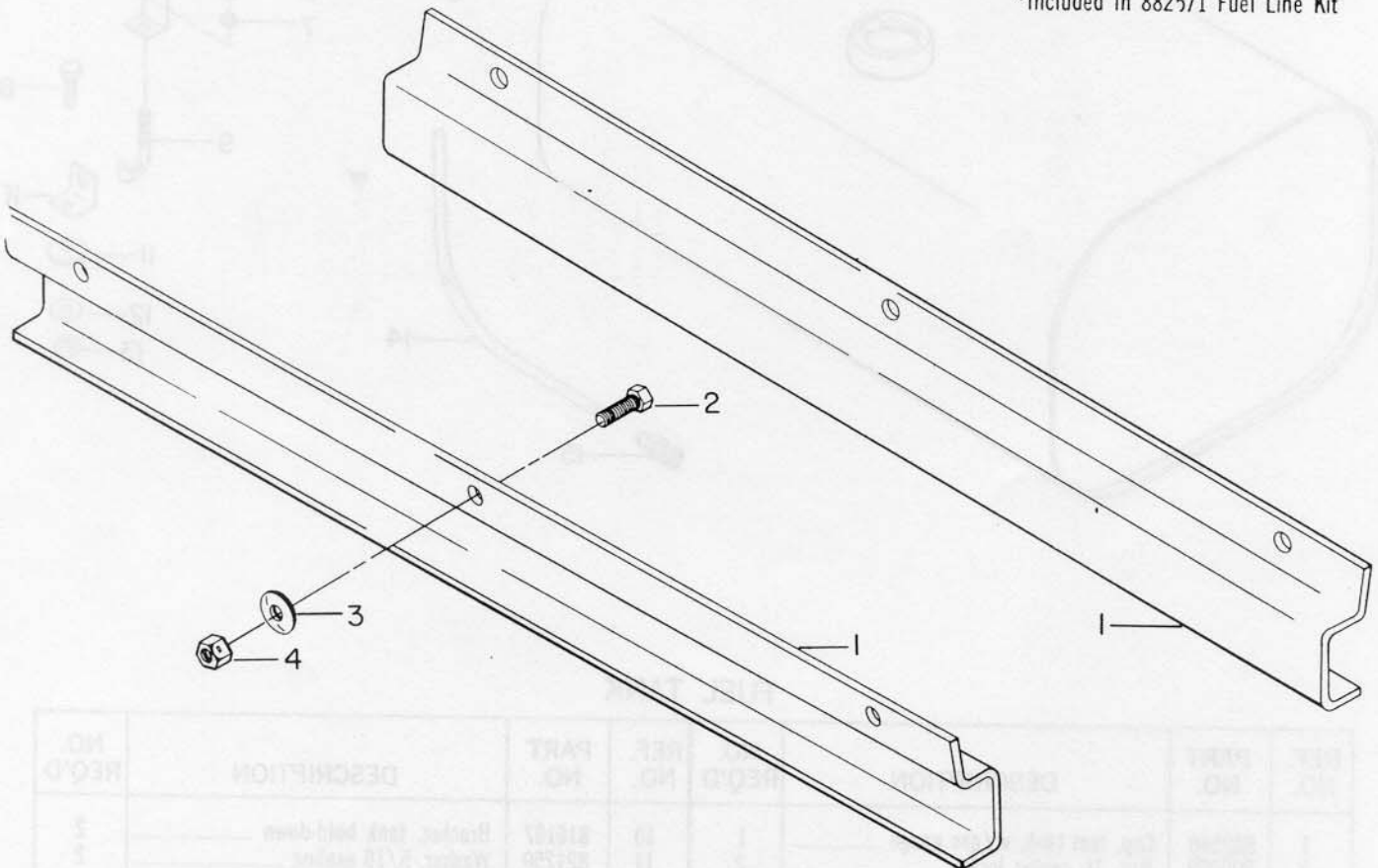


FUEL LINES
(List on Page 41)

FUEL LINES
(Illustrated on Page 40)

REF. NO.	PART NO.	DESCRIPTION	NO. REQ'D	REF. NO.	PART NO.	DESCRIPTION	NO. REQ'D
1	820768	Hose, tee to intake manifold*	1	20	303615	Gasket	2
2	320107	Ty-Rap, fuel hose*	4	21	260465	Nut plate, fuel pump mounting	1
3	821592	Nipple, intake manifold	1	22	821523	Hose, filter to tee*	1
4	820770	Hose, pulse line	1	23	821649	Hose, check valve to tee*	1
5	111560	Elbow, manifold and pump	2	24	309523	Clamp, hose	3
6	883043	Primer, pump*	1	25	821814	Filter, fuel*	1
7	821648	Hose, primer to check valve	1	26	820765	Hose, filter to tank	1
8	821591	Check valve	1	27	821593	Tee, fuel hose	1
9	113791	Elbow, hose, fuel return	1	28	821396	Fitting, fuel tank	1
10	820771	Hose, carburetor to tank*	1	29	821458	Hose, fuel pickup	1
11	306266	Elbow, hose, carburetor, side	1	30	290446	Fuel pickup	1
12	817729	Clamp, fuel hose	3	31	120052	Lockwasher, #10	2
13	820767	Hose, pump to carburetor	1	32	306888	Screw, #10	2
14	385781	Fuel pump	1	33	302647	Clamp, hose	2
15	312679	Gasket	1	34	487809	Check valve	1
16	312675	Screen	1	35	822116	Hose, tee to fuel pump*	1
17	312678	Cap	1	36	821815	Clamp, hose	2
18	312677	Screw	1				

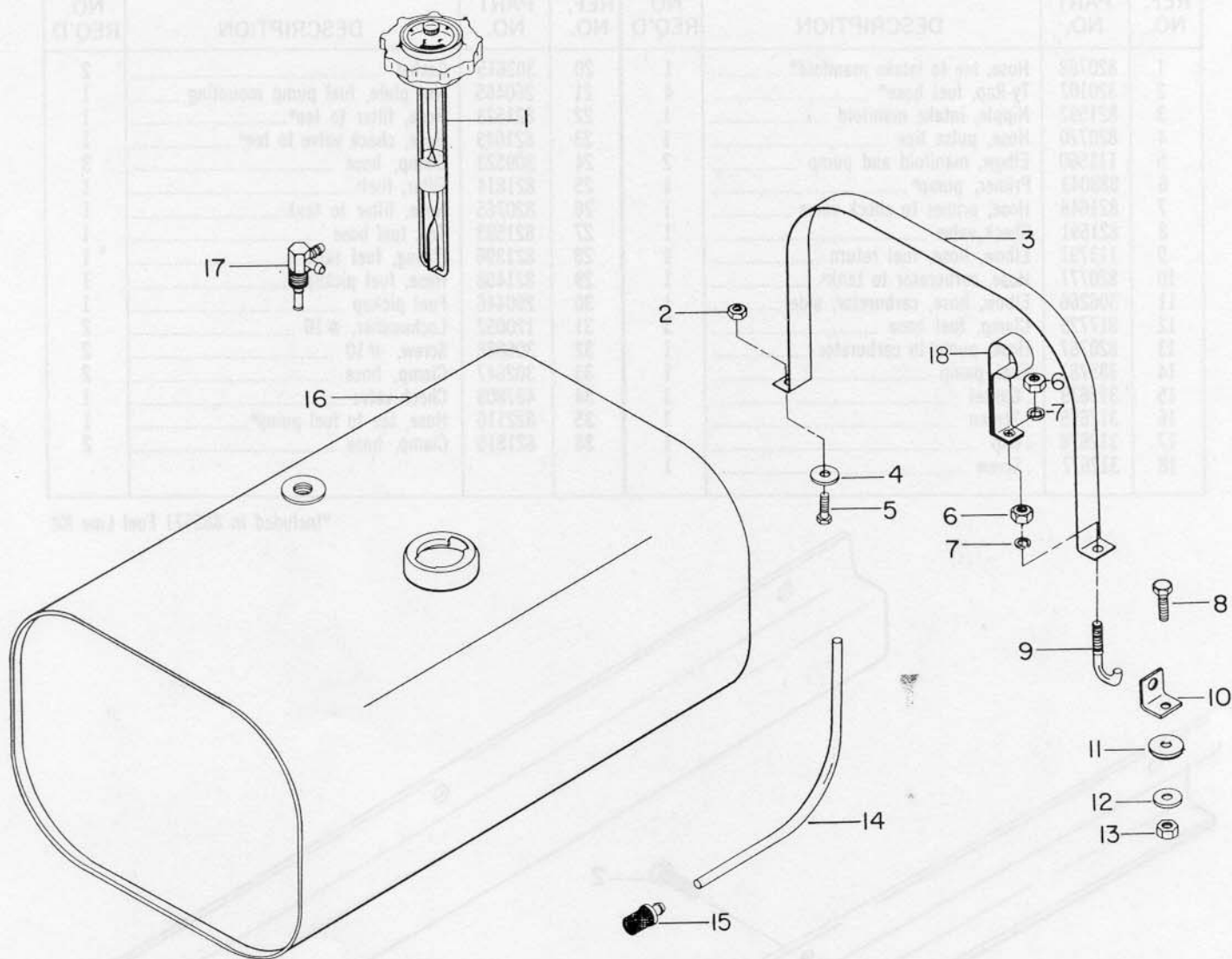
*Included In 882571 Fuel Line Kit



COVERS, FUEL LINES & BATTERY CABLES

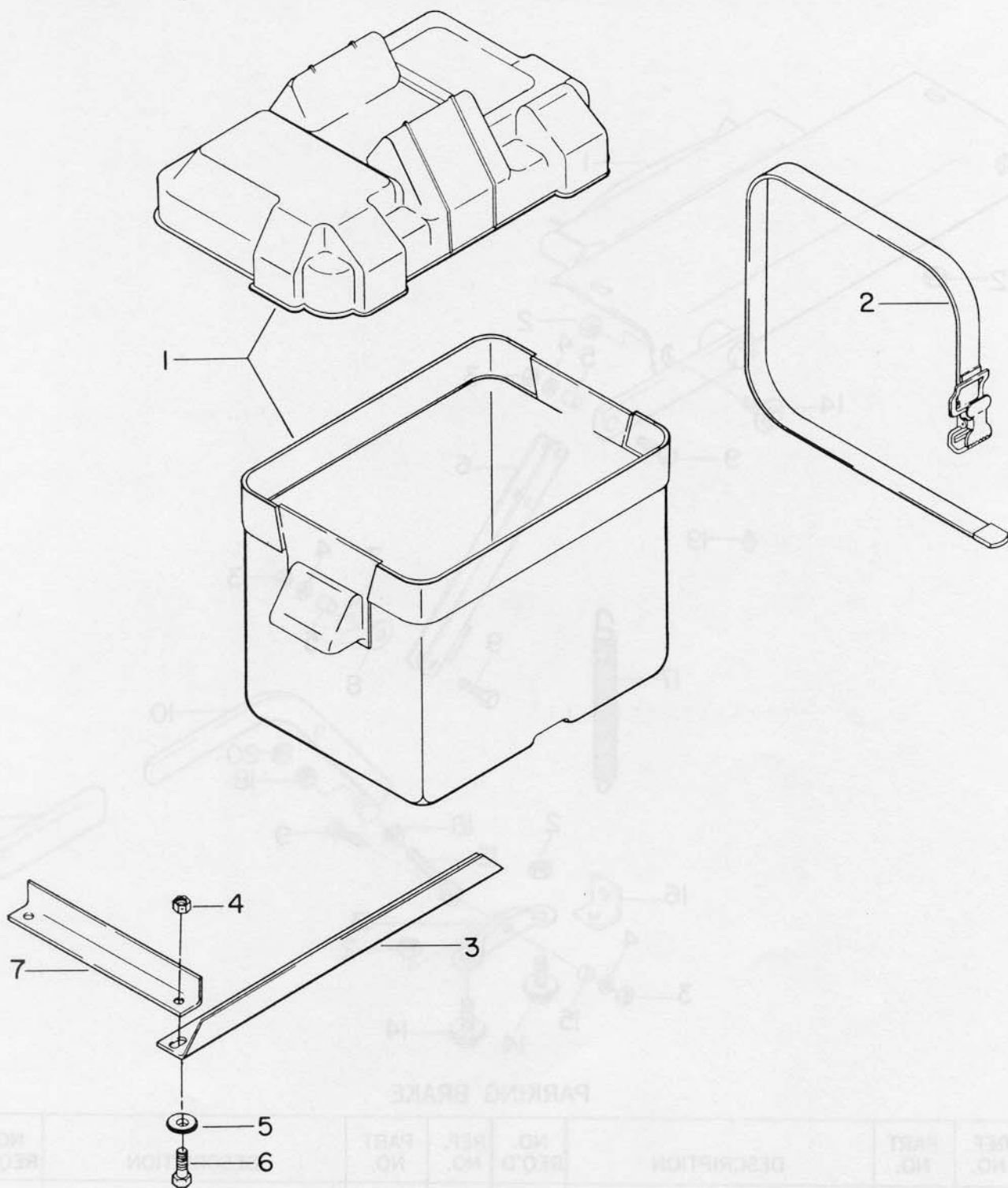
REF. NO.	PART NO.	DESCRIPTION	NO. REQ'D	REF. NO.	PART NO.	DESCRIPTION	NO. REQ'D
1	820764	Cover, fuel lines and cables	2	3	821427	Washer, 1/4 sealing	6
2	306487	Screw, 1/4	6	4	800059	Nut, 1/4 center lock	6

INDENTED PART NAMES INDICATE THESE PARTS ARE INCLUDED IN PREVIOUS ASSEMBLY



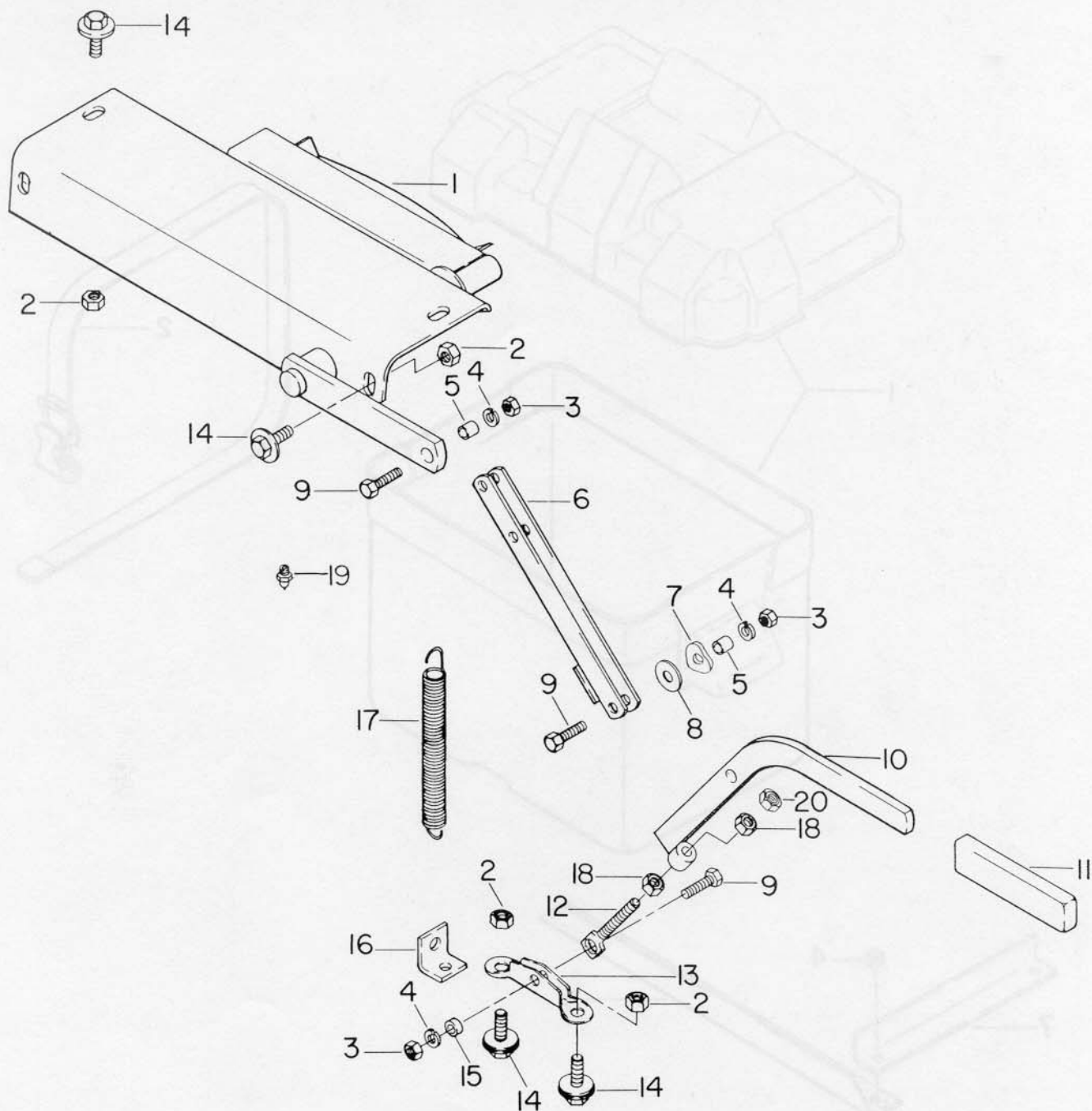
FUEL TANK

REF. NO.	PART NO.	DESCRIPTION	NO. REQ'D	REF. NO.	PART NO.	DESCRIPTION	NO. REQ'D
1	882540	Cap, fuel tank, w/gas gauge	1	10	816187	Bracket, tank hold-down	2
2	800059	Nut, 1/4 center lock	2	11	821250	Washer, 5/16 sealing	2
3	821061	Band, tank hold-down	2	12	103867	Washer, 5/16 plain	2
4	821427	Washer, 1/4 sealing	2	13	800290	Nut, 5/16 center lock	2
5	300646	Screw, 1/4	2	14	821458	Hose, fuel pickup (inside tank)	1
6	306375	Nut, 1/4	3	15	290446	Valve, fuel pickup (inside tank)	1
7	306396	Lockwasher, 1/4	3	16	882043	Tank, fuel	1
8	306435	Screw, 5/16	2	17	821396	Fitting, fuel tank	1
9	809949	J-bolt	2	18	817366	Clamp	1



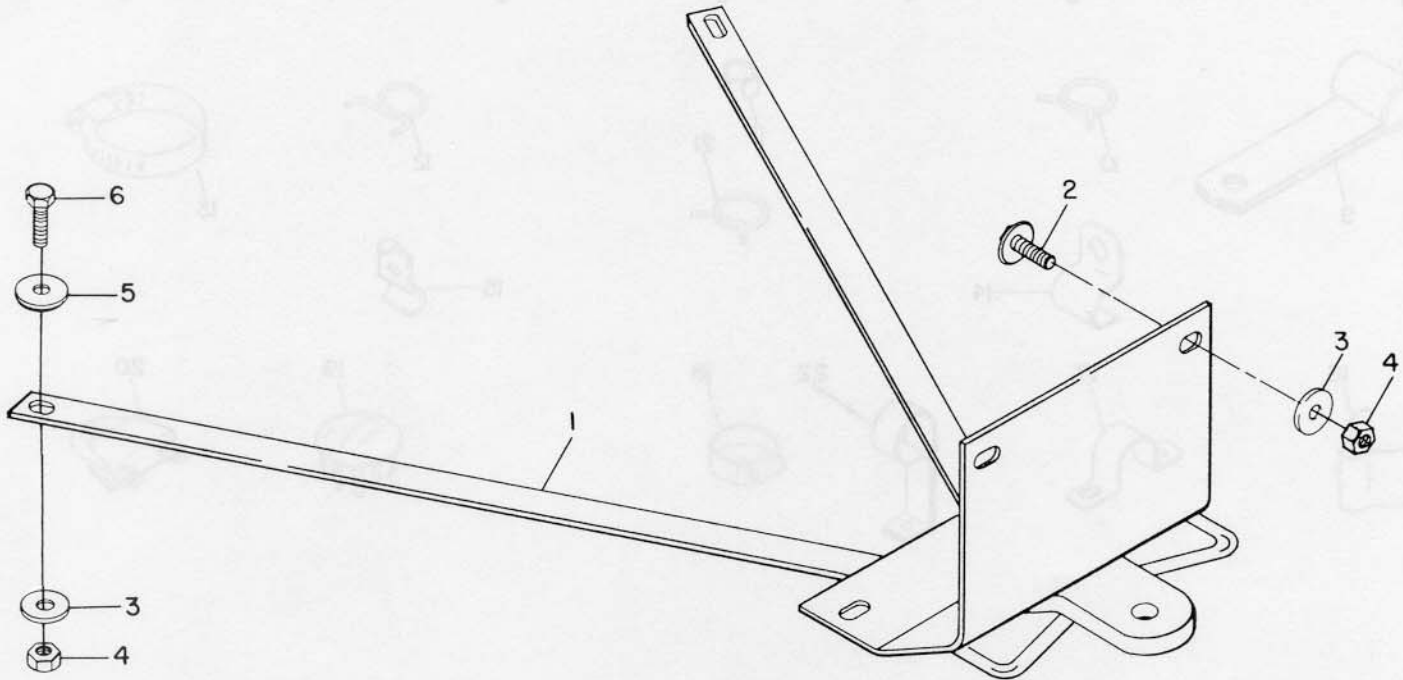
BATTERY BOX

REF. NO.	PART NO.	DESCRIPTION	NO. REQ'D	REF. NO.	PART NO.	DESCRIPTION	NO. REQ'D
1	820902	Box, battery	1	5	821427	Washer, 1/4 sealing	4
2	813644	Strap, hold-down	2	6	306409	Screw, 1/4	4
3	821468	Base, side	2	7	821467	Base, end	2
4	800059	Nut, 1/4 center lock	4				



PARKING BRAKE

REF. NO.	PART NO.	DESCRIPTION	NO. REQ'D	REF. NO.	PART NO.	DESCRIPTION	NO. REQ'D
1	882371	Bracket with shoe	1	11	821696	Grip, handle	1
2	800290	Nut, 5/16 center lock	4	12	821687	Rod, brake adjusting	1
3	306375	Nut, 1/4	3	13	815615	Bracket, handle pivot	1
4	306396	Lockwasher, 1/4	3	14	821436	Screw, 1/4, sealing	4
5	821688	Bushing, brake arm	2	15	805245	Bushing, handle pivot	1
6	882381	Arm, brake	1	16	816187	Bracket, spring	1
7	800322	Washer, 7/16 wave	1	17	805376	Spring, brake return	1
8	306982	Washer, 7/16 plain	1	18	306562	Nut, 3/8	2
9	302288	Screw, 1/4	3	19	815695	Lubrication fitting	1
10	882384	Handle, brake	1	20	304632	Nut, jam	1

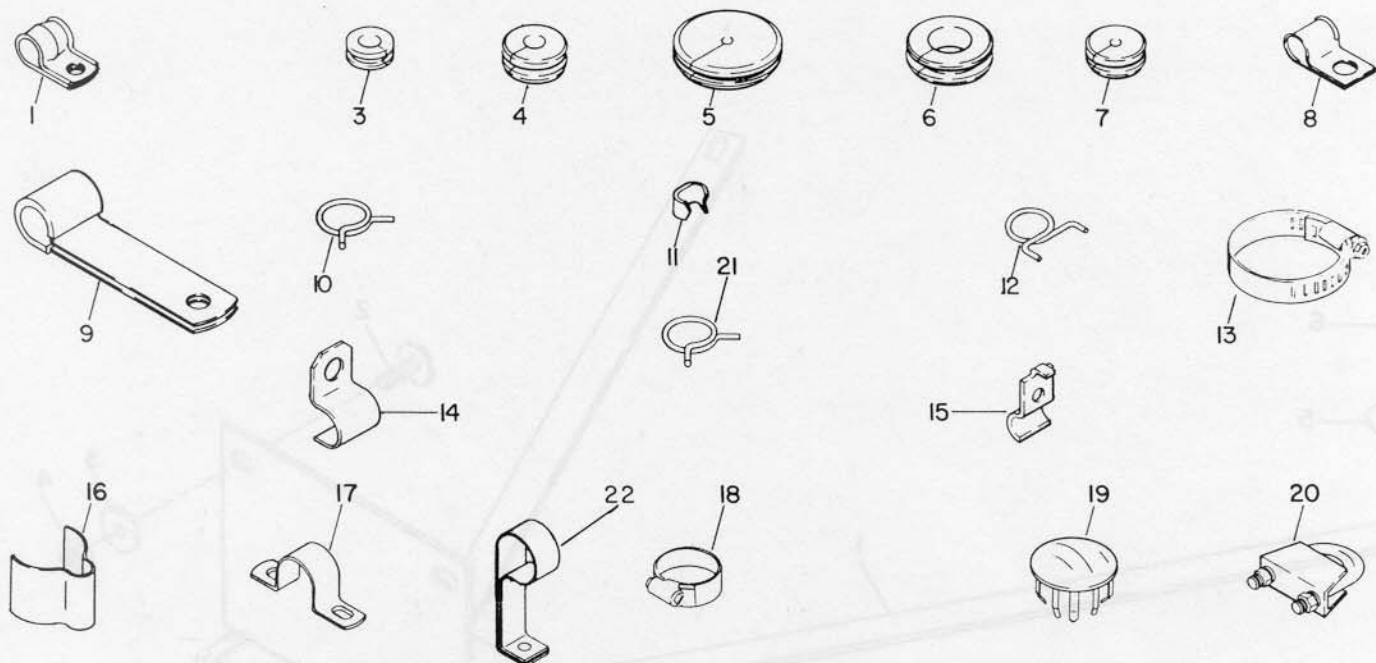


CLAMPS AND GROMMETS

REF. NO.	PART NO.	DESCRIPTION	NO. REQ'D	REF. NO.	PART NO.	DESCRIPTION	NO. REQ'D
1	882110	Tow hitch, rear	1	4	800290	Nut, 5/16 center lock	6
2	821436	Screw, 5/16 sealing	4	5	821250	Washer, 5/16 sealing	2
3	103867	Washer, 5/16	6	6	306435	Screw, 5/16	2

TOW HITCH

REF. NO.	PART NO.	DESCRIPTION	NO. REQ'D	REF. NO.	PART NO.	DESCRIPTION	NO. REQ'D
1	882110	Tow hitch, rear	1	4	800290	Nut, 5/16 center lock	6
2	821436	Screw, 5/16 sealing	4	5	821250	Washer, 5/16 sealing	2
3	103867	Washer, 5/16	6	6	306435	Screw, 5/16	2



CLAMPS AND GROMMETS

REF. NO.	PART NO.	DESCRIPTION	NO. REQ'D	REF. NO.	PART NO.	DESCRIPTION	NO. REQ'D
1	815848	Clamp, headlight harness	2	11	261015	Clamp, hose to check valve	3
		oil temp. sender wire to shroud.....	1			hose to primer	1
		oil temp. sender wire to sound panel	3			hose to manifold	1
3	810445	Grommet, amplifier wires	1			hose to tee	1
4	814440	Grommet, choke cable	2	12	309523	Clamp, hose to fuel tank fitting.....	1
		amplifier wires, primer hose	1			hose to filter	2
5	821446	Grommet, breaker point wire	1			hose to tee	2
6	809146	Grommet, starter cable thru fire wall.....	1			hose to carburetor side	1
7	814439	Grommet, oil temp. sender wire thru fire wall	2	13	821430	Clamp, exhaust pipe seal	4
8	812393	Clamp, ignition coil wires to terminal block	1	14	111140	Clamp, coil wire to sound panel	3
		main wire harness to fire wall.....	1	15	111898	Clamp, throttle cable	1
9	816070	Clamp, fuel line to parking brake bracket	1	16	809069	Clamp, fuel cable to tube	1
10	817729	Clamp, hose to fuel pump	2	17	821834	Clamp, tail pipe	2
				18	820889	Clamp, heat exchanger hoses	6
				19	805888	Plug, starter access hole	1
				20	813688	Clamp, exhaust pipe to tail pipe	2
				21	821941	Clamp, hose to fuel pump	1
						hose to manifold	1
				22	817366	Clamp, wire harness	1

IMPORTANT

BY-PASS VALVE INSTRUCTIONS

TO IMPROVE HYDROSTATIC PRIMING IN COLD WEATHER START-UPS, THIS VEHICLE IS EQUIPPED WITH A RADIATOR BY-PASS VALVE ON LEFT TRANSMISSION.

OPEN VALVE PRIOR TO COLD START-UP.

OPEN VALVE -BELOW 32°F
UP TO 65°F

CLOSE VALVE-OVER 65°F (45°F FLOTATION VEHICLES)
(OR WHEN OIL TEMPERATURE LIGHT
COMES ON)

823708

823708

IMPORTANT

PROCEDURES FOR ENGINE BREAK-IN

The first 20 gallons of fuel must be mixed 24:1 - Refer to Owner's Manual, Page 6, for type of oil.

DO NOT exceed 1/2 to 2/3 throttle with minimum loads during the first 20 gallons.

Carburetor has been preset at the factory. DO NOT ATTEMPT TO ADJUST UNTIL AFTER BREAK-IN PERIOD.

After break-in period fuel mixture is 50:1 and engine can be operated at full throttle.

1M-5-73-JN

824008

824008

THIS VEHICLE IS
EQUIPPED WITH
AUTOMATIC
SPROCKET LOCK

824961

USE CAUTION WHEN GOING DOWN HILLS. SUDDEN STOPS
COULD CAUSE VEHICLE TO FLIP OVER FORWARD AND
CAUSE SERIOUS INJURY TO PASSENGERS

CAUTION-WHEN ENGINE IS NOT RUNNING VEHICLE
CANNOT BE STOPPED OR STEERED BY T-HANDLE CONTROL

ALL DRIVERS MUST BE THOROUGHLY TRAINED BEFORE
OPERATING THIS VEHICLE -

OPERATE CAUTIOUSLY ON UNFAMILIAR TERRAIN

CABS • ROLLBARS • SNOW PLOWS • OTHER
ACCESSORIES • PASSENGERS AND PAYLOADS WILL
AFFECT THE STABILITY OF THIS VEHICLE

824730

WATER WARNINGS

WAVES WILL SWAMP THIS
VEHICLE - VEHICLE CANNOT PROPEL
ITSELF ACROSS RUNNING WATER -
VEHICLE WILL SINK IF PASSENGER
COMPARTMENT FILLS WITH WATER -
VEHICLE MAY NOT BE ABLE TO
CLIMB ONTO BANK FROM WATER -
VEHICLE MAY TAKE ON WATER WHEN
ENTERING OR LEAVING WATER
ON INCLINES

824741

WARNING

2 Cycle Engine - Oil Must Be Mixed With Gas
Do Not Mix Gas And Oil In Vehicle Tank.
Premixing Of Gas And Oil Is Essential For
Proper Lubrication Of Engine.

Use Evinrude, Johnson, Outboard Marine
Corporation Approved Oil Or A Reputable
Automotive Engine Oil SAE 40 MS Or MM.
Do Not Use ML (Light Duty) Or Multiple
Viscosity Oils.

50:1 Fuel Mixture 50:1

13 Ounces Oil To
5 Gallons Regular Gasoline.

821452



SAFETY WARNING

Check transmission level frequently.
Low oil level could cause vehicle
to freewheel and become uncontrollable. Check oil level immediately after stopping engine. Oil should be at full mark on dipstick.

This transmission equipped with 4 quarts of Arctic Oil (Mil. Spec. 5606, i.e., Mobil Aero HFA or Texaco Aircraft Hydraulic Oil AA) and 4 quarts Type "F" automotive transmission fluid. When adding oil, add approximately at the same ratio as above. Any deviation will void warranty.

822456

822456

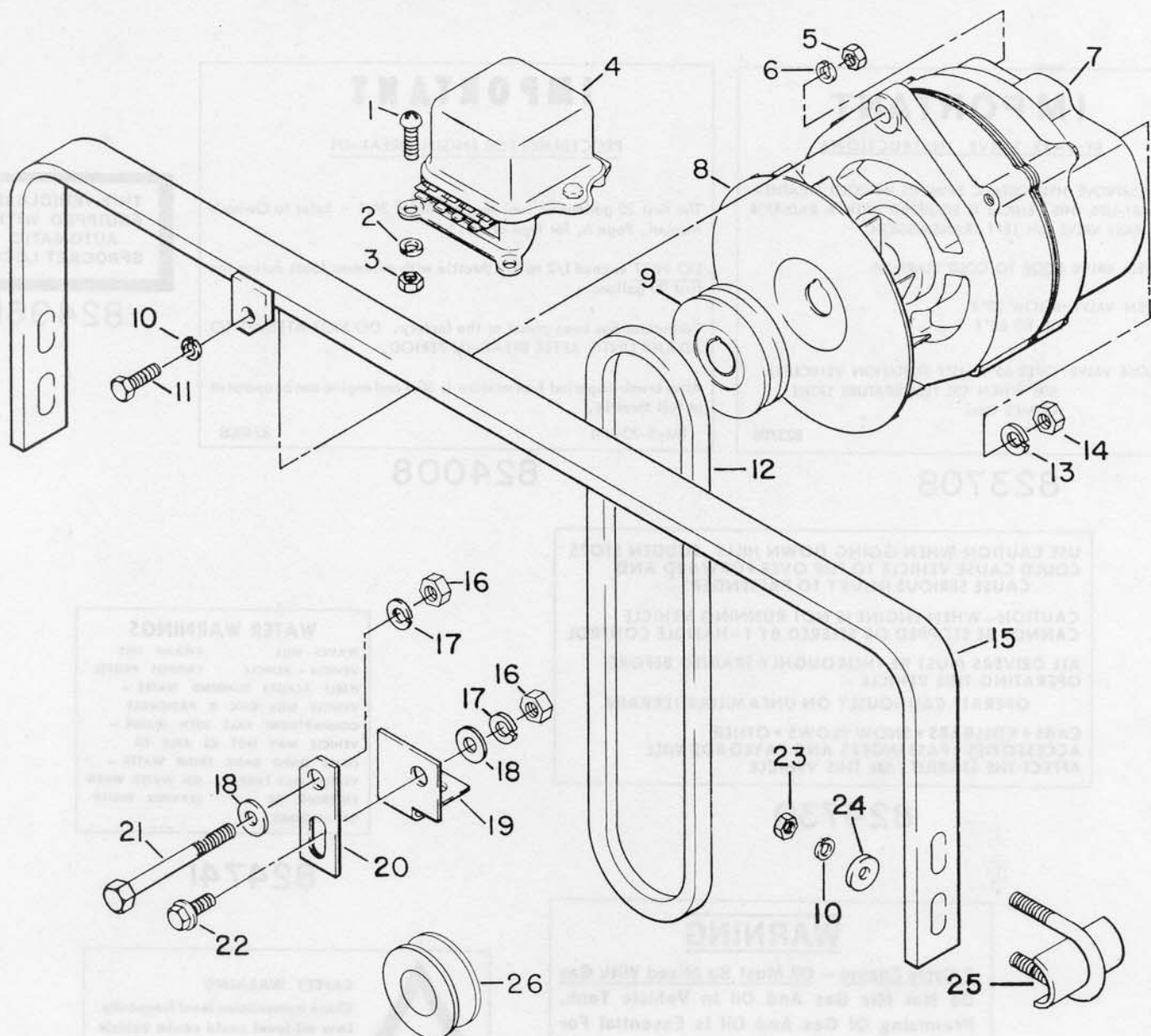
WARNING

ALTERNATOR-BATTERY

SERVICE

1. THIS IS A NEGATIVE GROUND SYSTEM, REVERSING BATTERY CONNECTION WILL DAMAGE ALTERNATOR RECTIFIER.
2. BOOSTER BATTERIES USED FOR STARTING MUST BE CONNECTED WITH PROPER POLARITY.
3. BATTERY CABLES SHOULD BE DISCONNECTED BEFORE USING A "FAST CHARGER."

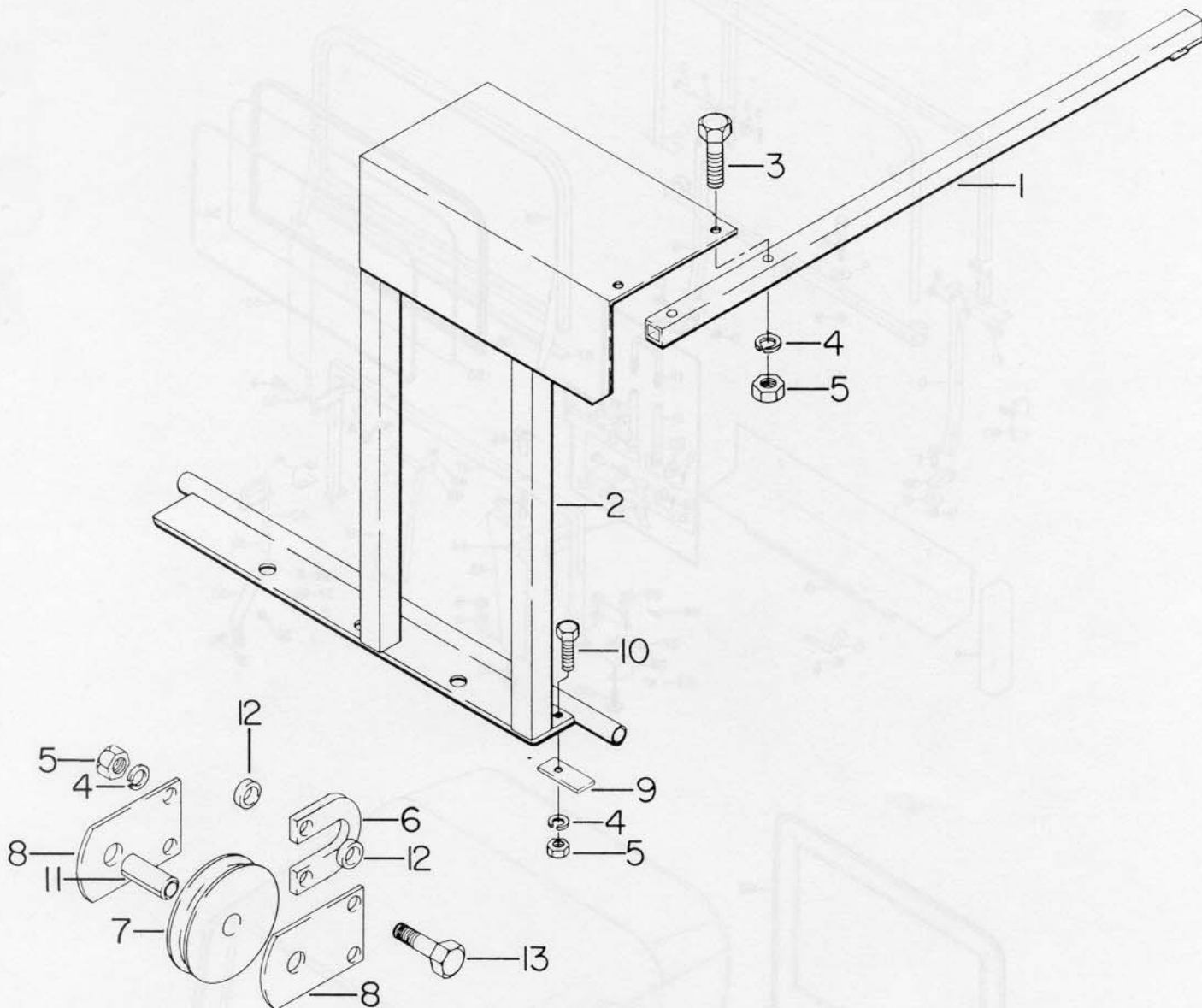
821424



42-AMP ALTERNATOR SET
882759

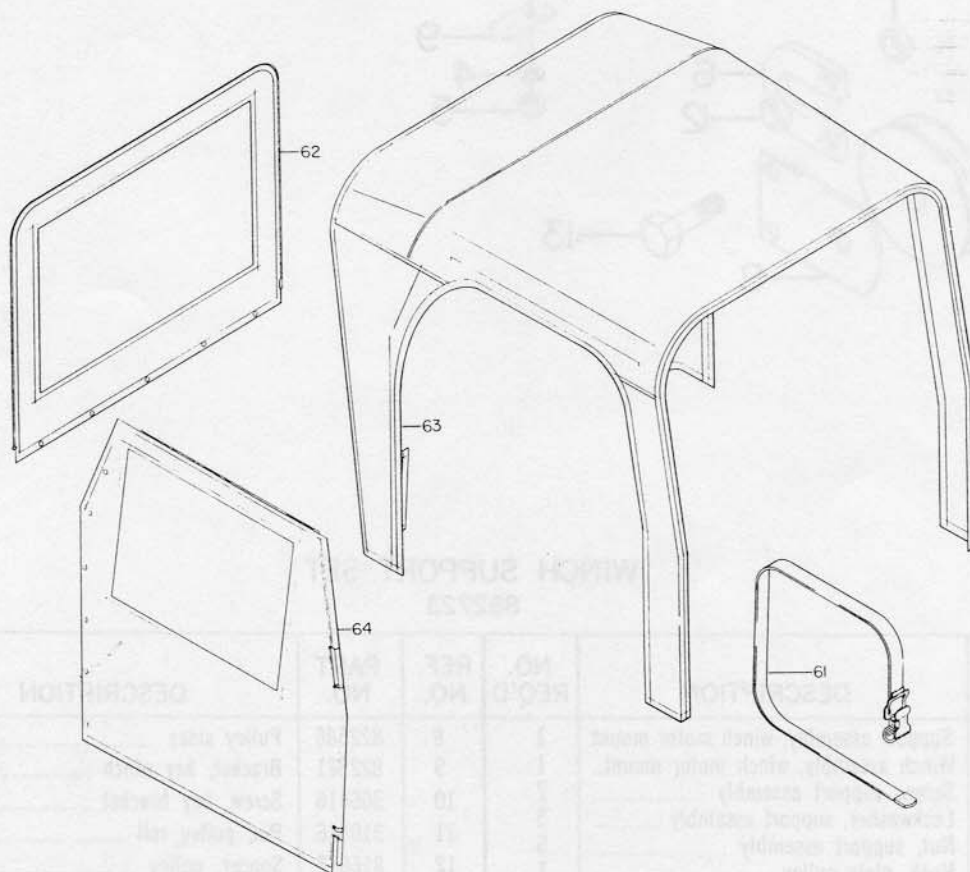
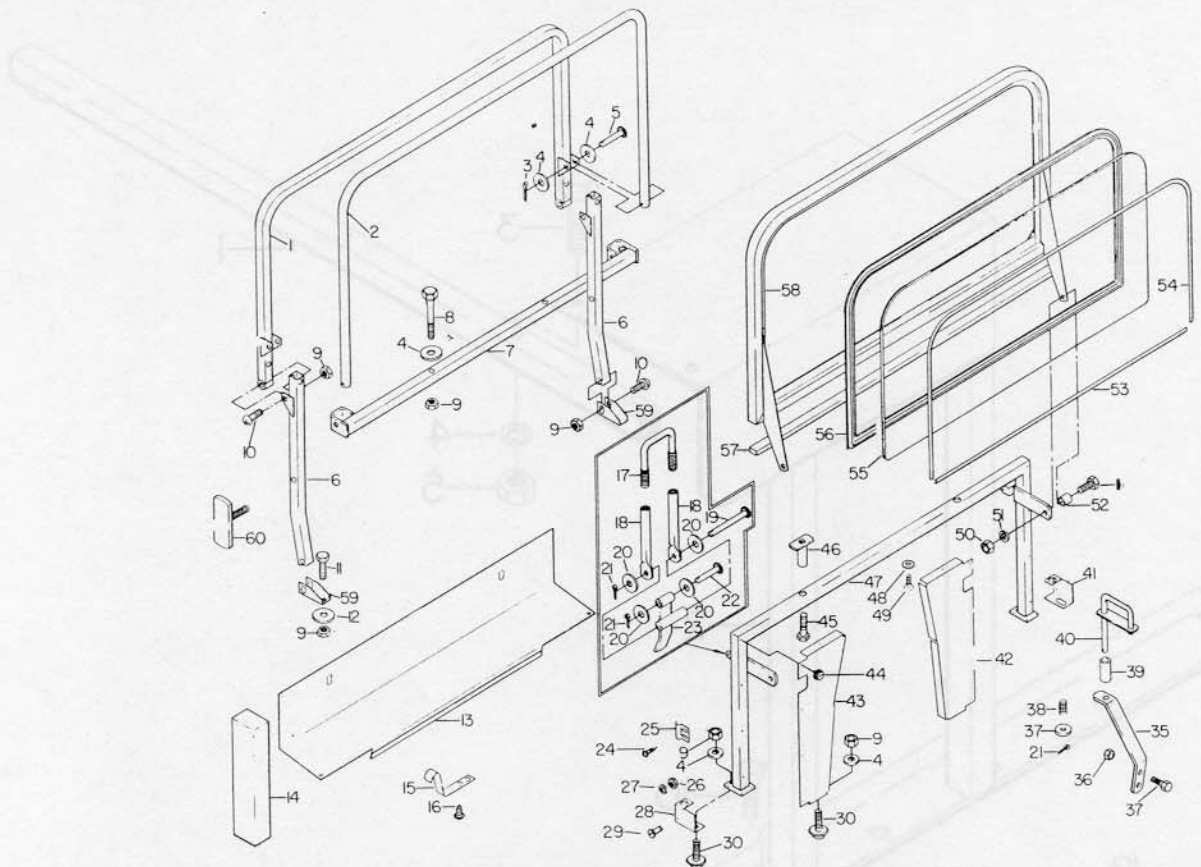
REF. NO.	PART NO.	DESCRIPTION	NO. REQ'D	REF. NO.	PART NO.	DESCRIPTION	NO. REQ'D
1	800026	Screw, 1/4	3	16	306562	Nut, 3/8	2
2	306396	Lockwasher, 1/4	3	17	120177	Lockwasher, 3/8	2
3	306375	Nut, 1/4	3	18	306981	Washer, 3/8	2
4	816865	Regulator, voltage	1	19	822705	Bracket	1
5	132520	Nut, #10	1	20	822704	Arm, adjusting	1
6	120052	Lockwasher, #10	1	21	311213	Screw, 3/8	1
7	816868	Alternator	1	22	800385	Screw, 3/8	1
8	822703	Fan	1	23	306932	Nut, 5/16	4
9	816866	Pulley	1	24	103867	Washer, 5/16	4
10	306325	Lockwasher, 5/16	5	25	882768	U-bolt	2
11	306450	Screw, 5/16	1	26	822633	Pulley, driveshaft	1
12	822702	Belt	1	*	817393	Wire harness	
13	306909	Lockwasher, #12	1	*	882774	Wire to terminal board	
14	200653	Nut, #12	1	*	882775	Wire to solenoid	
15	882767	Support	1				

*Not Illustrated



WINCH SUPPORT SET
882723

REF. NO.	PART NO.	DESCRIPTION	NO. REQ'D	REF. NO.	PART NO.	DESCRIPTION	NO. REQ'D
1	882722	Support assembly, winch motor mount	1	8	822586	Pulley sides	2
2	882721	Winch assembly, winch motor mount..	1	9	822581	Bracket, key winch	1
3	306501	Screw, support assembly	2	10	306416	Screw, key bracket	1
4	306325	Lockwasher, support assembly	5	11	310546	Pin, pulley roll	1
5	306932	Nut, support assembly	5	12	816612	Spacer, pulley	4
6	822587	Hook, plate pulley	1	13	306435	Screw, pulley	2
7	822588	Pulley sheave	1				



CONVERTIBLE CAB SET

(List on Page 51)

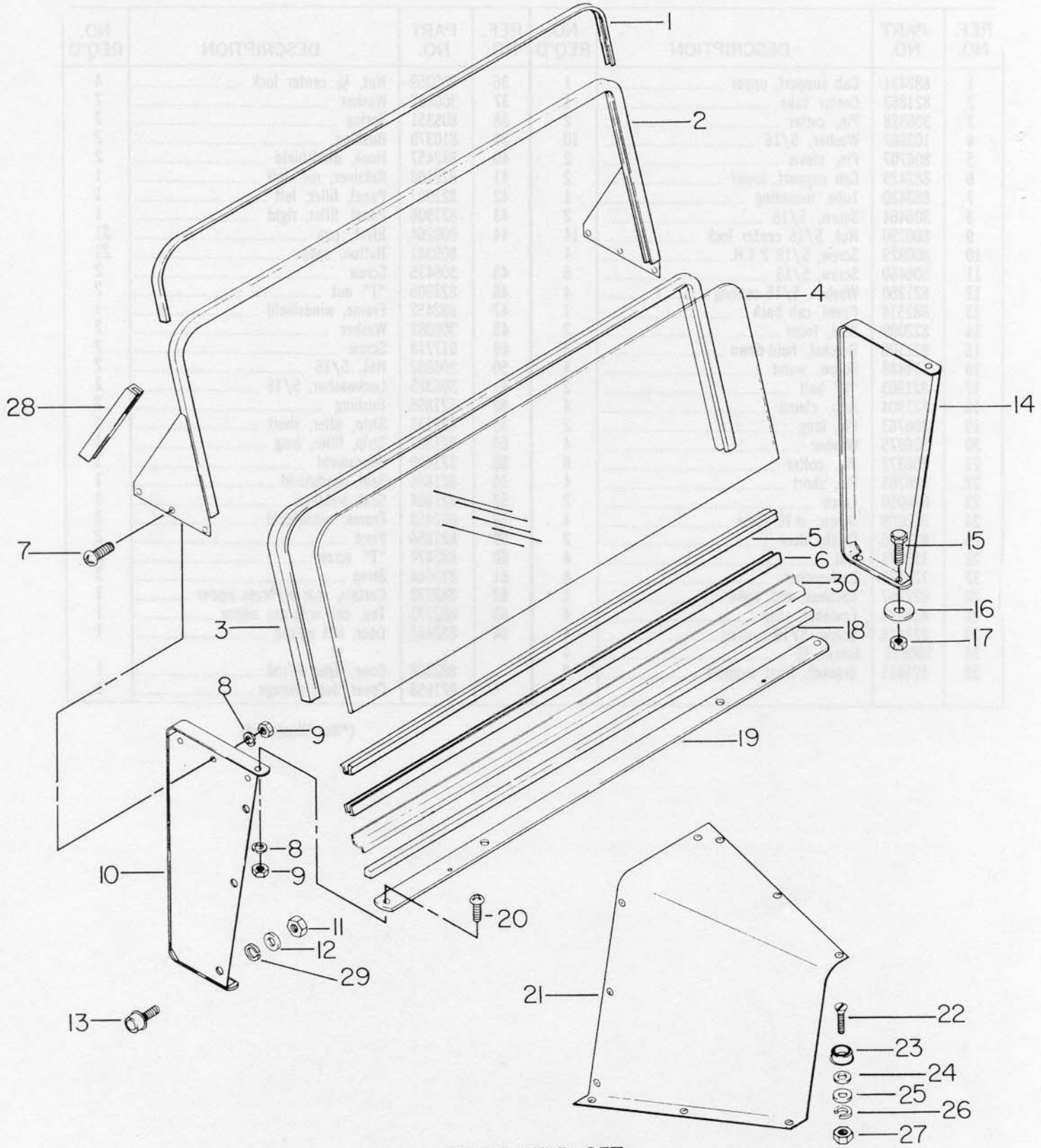
CONVERTIBLE CAB SET

882442

(Illustrated on Page 50)

REF. NO.	PART NO.	DESCRIPTION	NO. REQ'D	REF. NO.	PART NO.	DESCRIPTION	NO. REQ'D
1	882431	Cab support, upper	1	36	800059	Nut, 1/4 center lock	4
2	821863	Center tube	1	37	306407	Washer	2
3	306328	Pin, cotter	2	38	805351	Spring	2
4	103867	Washer, 5/16	10	39	810379	Bushing	2
5	806707	Pin, clevis	2	40	882457	Hook, windshield	2
6	882429	Cab support, lower	2	41	822108	Retainer, rod, left	1
7	882430	Tube, mounting	1	42	821907	Panel, filler, left	1
8	306464	Screw, 5/16	2	43	821906	Panel, filler, right	1
9	800290	Nut, 5/16 center lock	14	44	800264	Rivet, pop	21
10	800329	Screw, 5/16 P.T.H.	4		809381	Button, snap	21
11	306450	Screw, 5/16	6	45	306435	Screw	2
12	821250	Washer, 5/16 sealing	4	46	821905	"T" nut	2
13	882518	Panel, cab back	1	47	882452	Frame, windshield	1
14	822089	Seal, foam	2	48	308088	Washer	2
15	822106	Bracket, hold-down	2	49	817718	Screw	2
16	304488	Screw, wood	4	50	306932	Nut, 5/16	2
17	821903	"U" bolt	2	51	306325	Lockwasher, 5/16	2
18	821904	Arm, clamp	4	52	821896	Bushing	2
19	806763	Pin, long	2	53	822130	Strip, filler, short	1
20	306975	Washer	4	54	821887	Strip, filler, long	1
21	306372	Pin, cotter	6	55	821490	Windshield	1
22	806765	Pin, short	4	56	821886	Seal, windshield	1
23	876050	Latch	2	57	821884	Seal, weather	1
24	800009	Screw, #10 sams	4	58	882453	Frame, windshield	1
25	822105	Catch, door	2	59	821856	Pivot	2
26	133079	Nut	4	60	882474	"T" screw	2
27	120122	Lockwasher	4	61	813644	Strap	3
28	822107	Retainer, rod, right	1	62	882772	Curtain, rear w/brass zipper	1
29	818376	Fastener, snap	4	63	882773	Top, cab w/brass zipper	1
30	821436	Screw, 5/16 sealing	4	64	882467	Door, left w/rod	1
34	300646	Screw, 1/4	4			or	
35	821611	Bracket, front support	2		882468	Door, right w/rod	1
				*	821958	Cover, door storage	1

(*Not Illustrated)



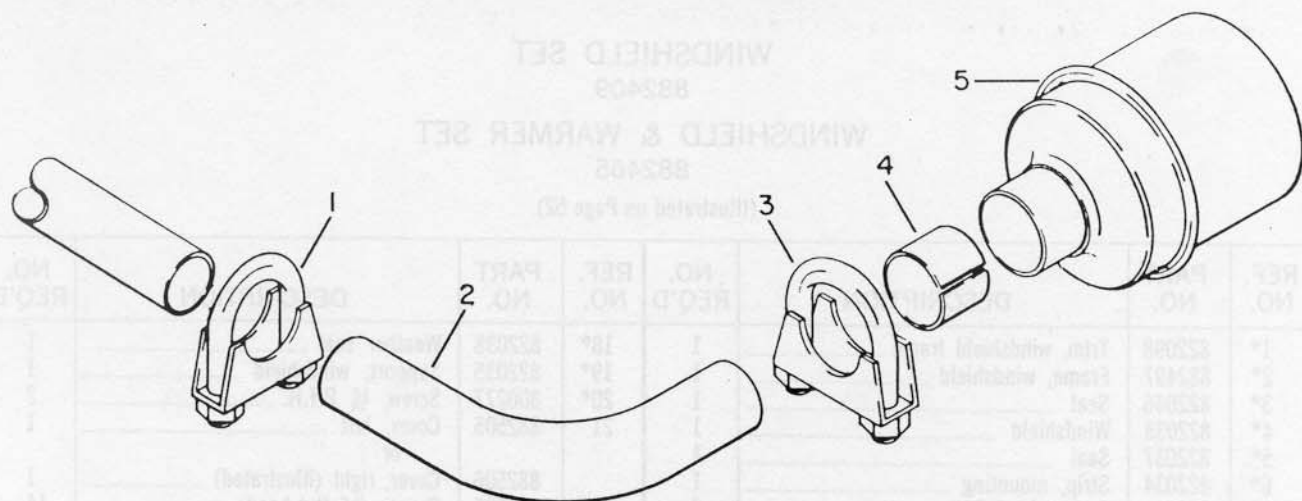
WINDSHIELD SET
882409

WINDSHIELD & WARMER SET
882465

(Illustrated on Page 52)

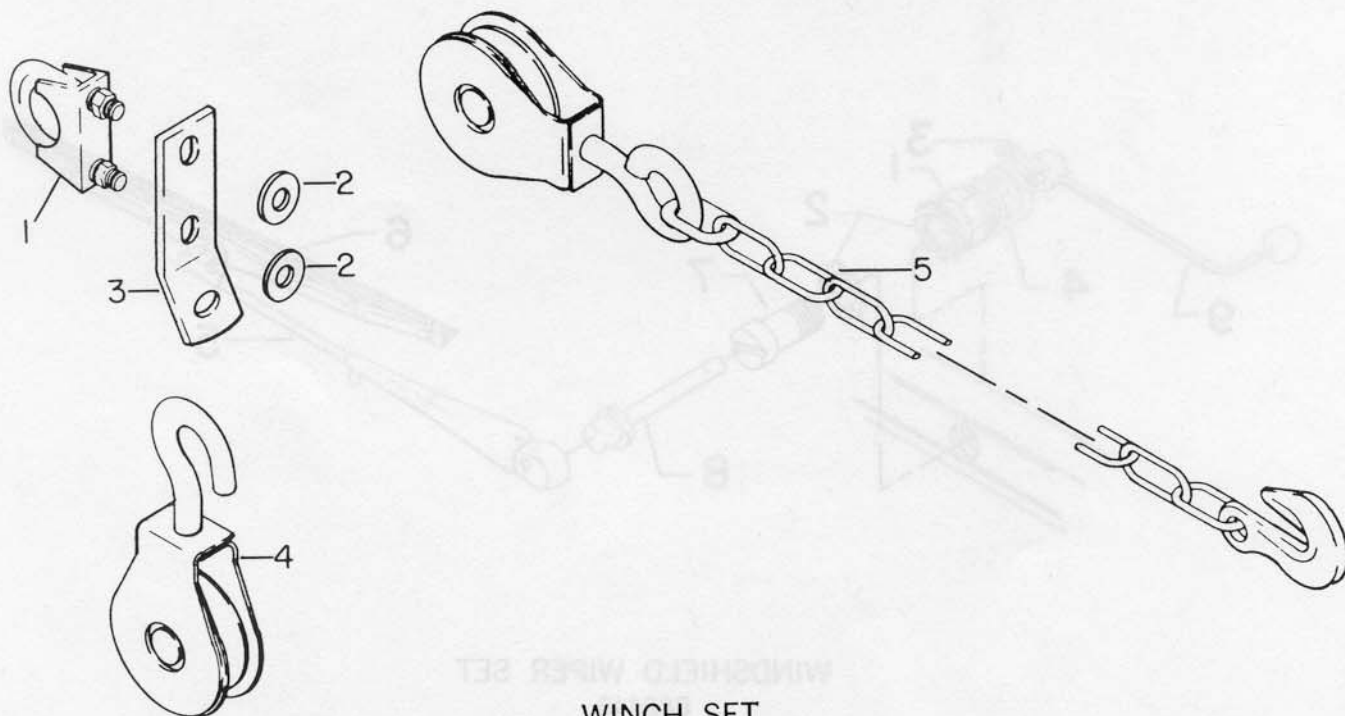
(*Windshield Set Only)

53



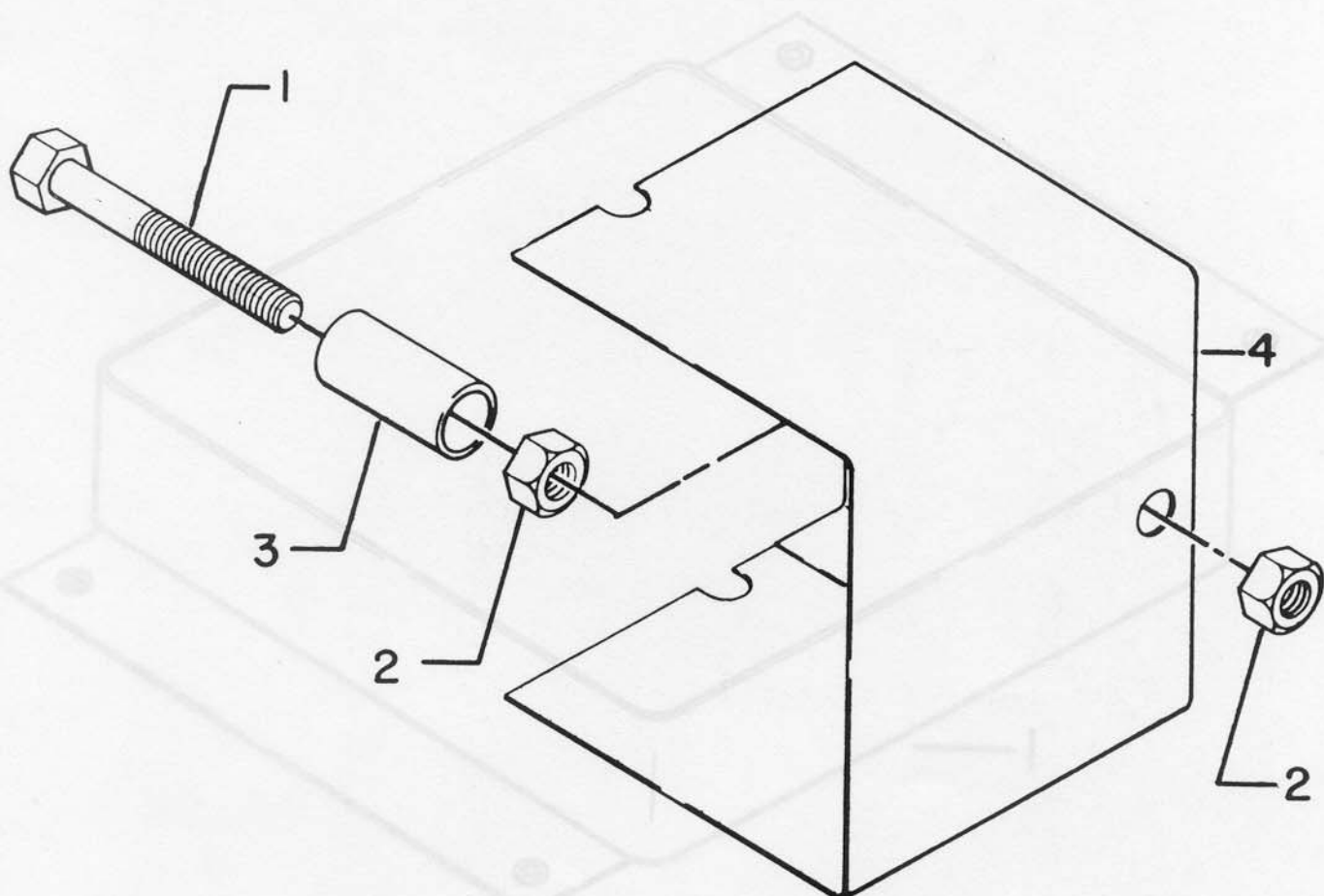
SPARK ARRESTOR
882527

REF. NO.	PART NO.	DESCRIPTION	NO. REQ'D	REF. NO.	PART NO.	DESCRIPTION	NO. REQ'D
1	813688	Clamp, 1 $\frac{1}{8}$ "	2	4	822141	Adapter	2
2	813700	Angle tube	2	5	822139	Spark arrestor	2
3	818962	Clamp, 1 $\frac{1}{4}$ "	2				



WINCH SET
882526

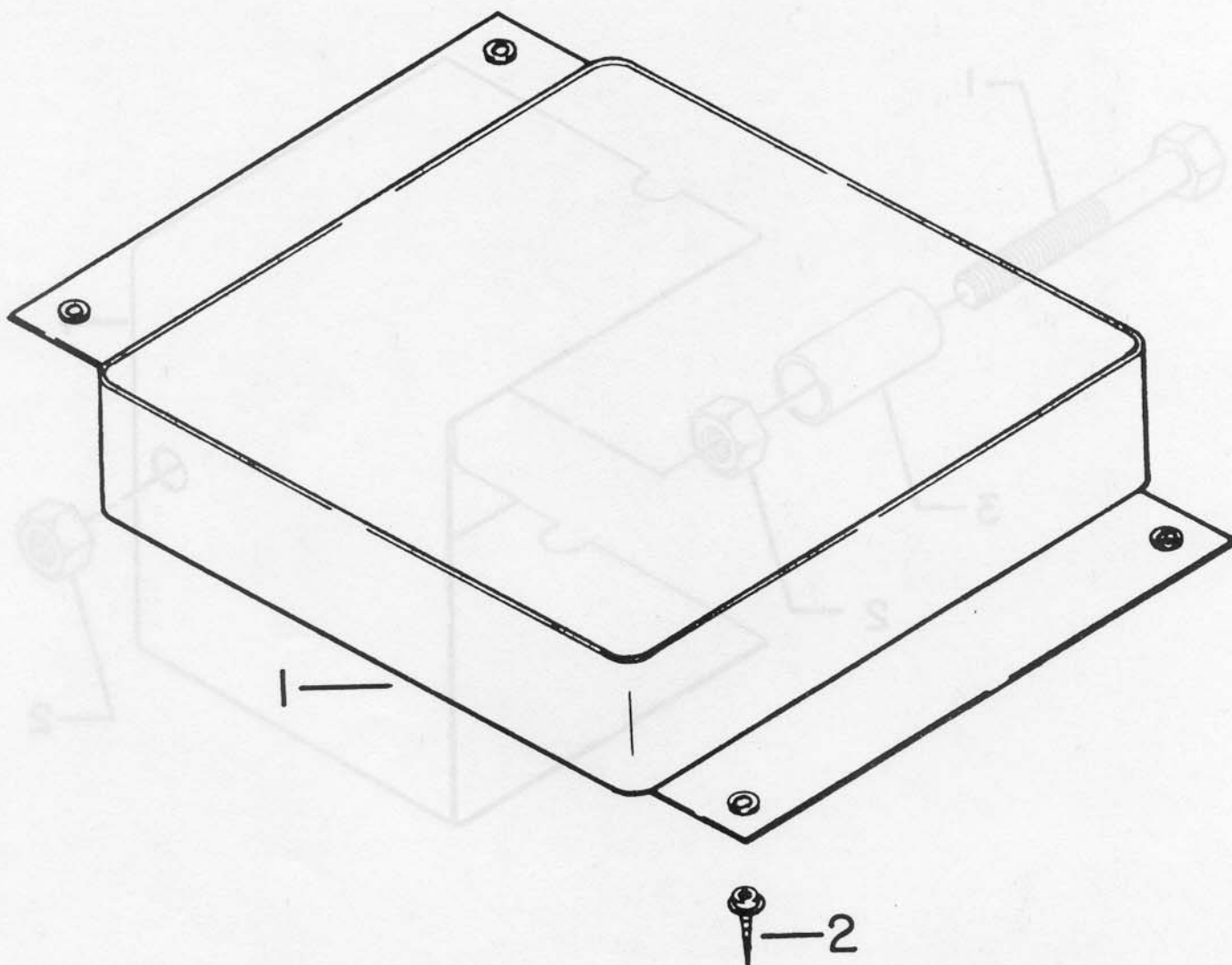
REF. NO.	PART NO.	DESCRIPTION	NO. REQ'D	REF. NO.	PART NO.	DESCRIPTION	NO. REQ'D
1	813688	Clamp (w/nuts)	2	4	821867	Pulley	1
2	103867	Washer	4	5	882428	Pulley and chain	1
3	821835	Bracket	2				



RADIO SUPPRESSION SET 882450

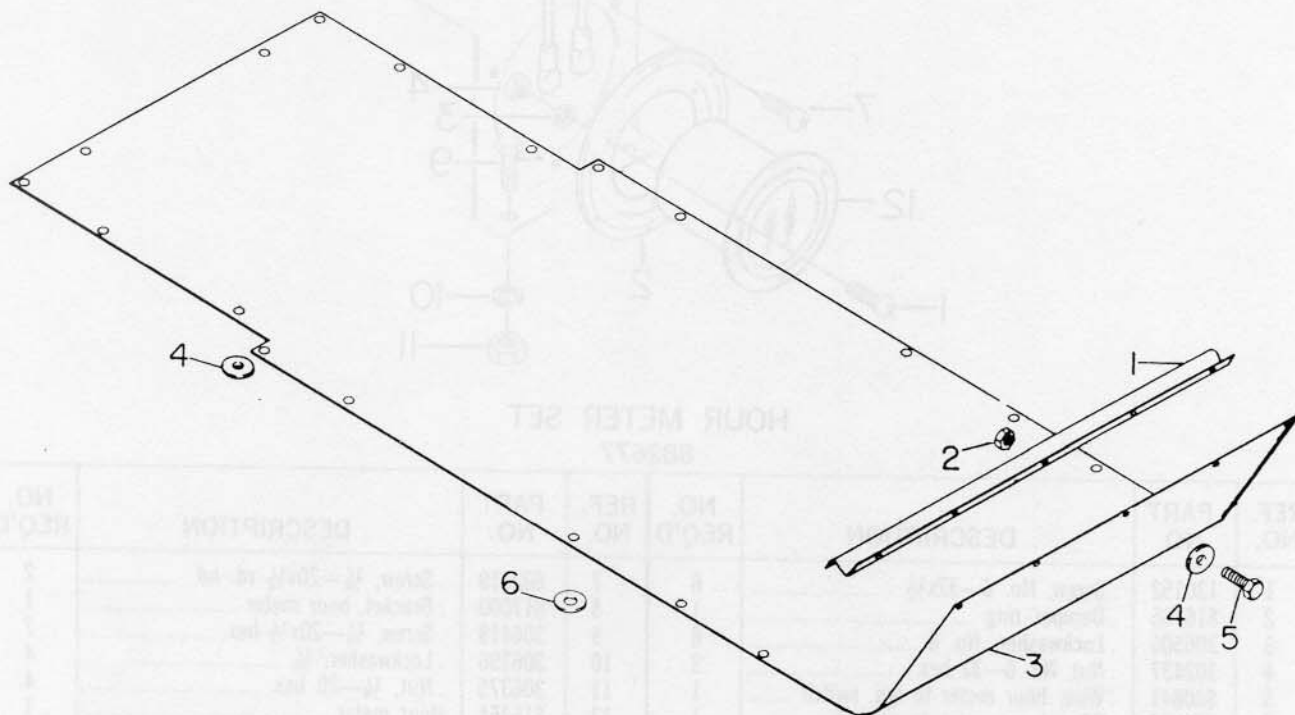
REF. NO.	PART NO.	DESCRIPTION	NO. REQ'D	REF. NO.	PART NO.	DESCRIPTION	NO. REQ'D
1	306832	Screw, 1/4	2	2	800059	Nut, 1/4 lock	4
*	378539	Spark plug, resistance (Champion XJ-4J)	2	3	821787	Bushing	2
				4	882433	Box, radio suppression	2

*Not Shown



REAR SEAT CUSHIONS 882451

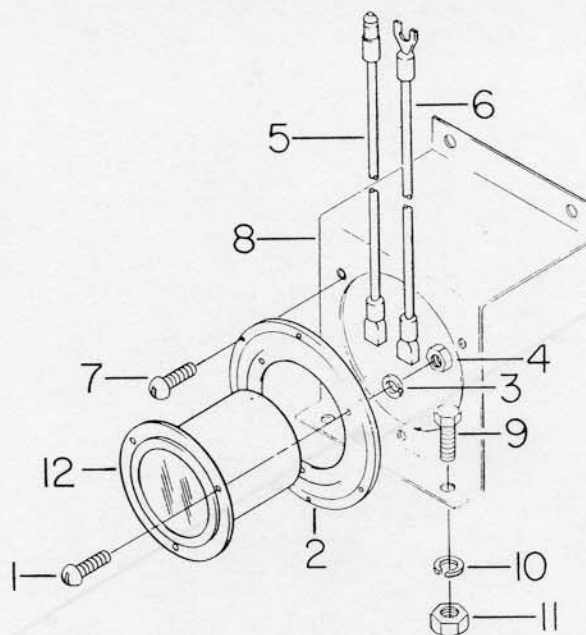
REF. NO.	PART NO.	DESCRIPTION	NO. REQ'D	REF. NO.	PART NO.	DESCRIPTION	NO. REQ'D
1	882455	Seat, rear	2	2	821679	Snap fastener	8



SKID PLATE

REF. NO.	PART NO.	DESCRIPTION	NO. REQ'D	REF. NO.	PART NO.	DESCRIPTION	NO. REQ'D
1	821965	Bracket	1	5	300646	Screw, 1/4	5
2	800059	Nut, 1/4 center lock	5	6	103867	Washer, 5/16	12
3	821964	Skid plate	1	*	302288	Screw, 1/4 (use if needed)	4
4	809183	Washer, special	9				

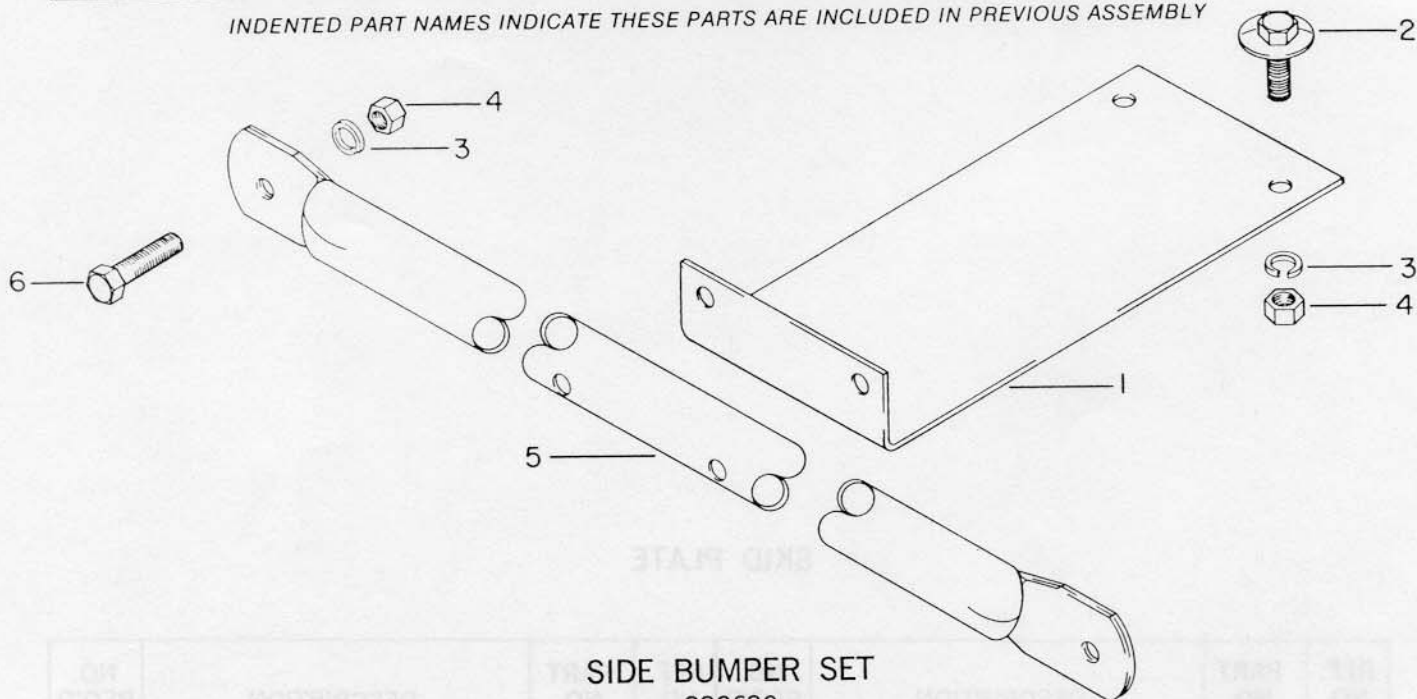
(* Not Illustrated)



HOUR METER SET
882677

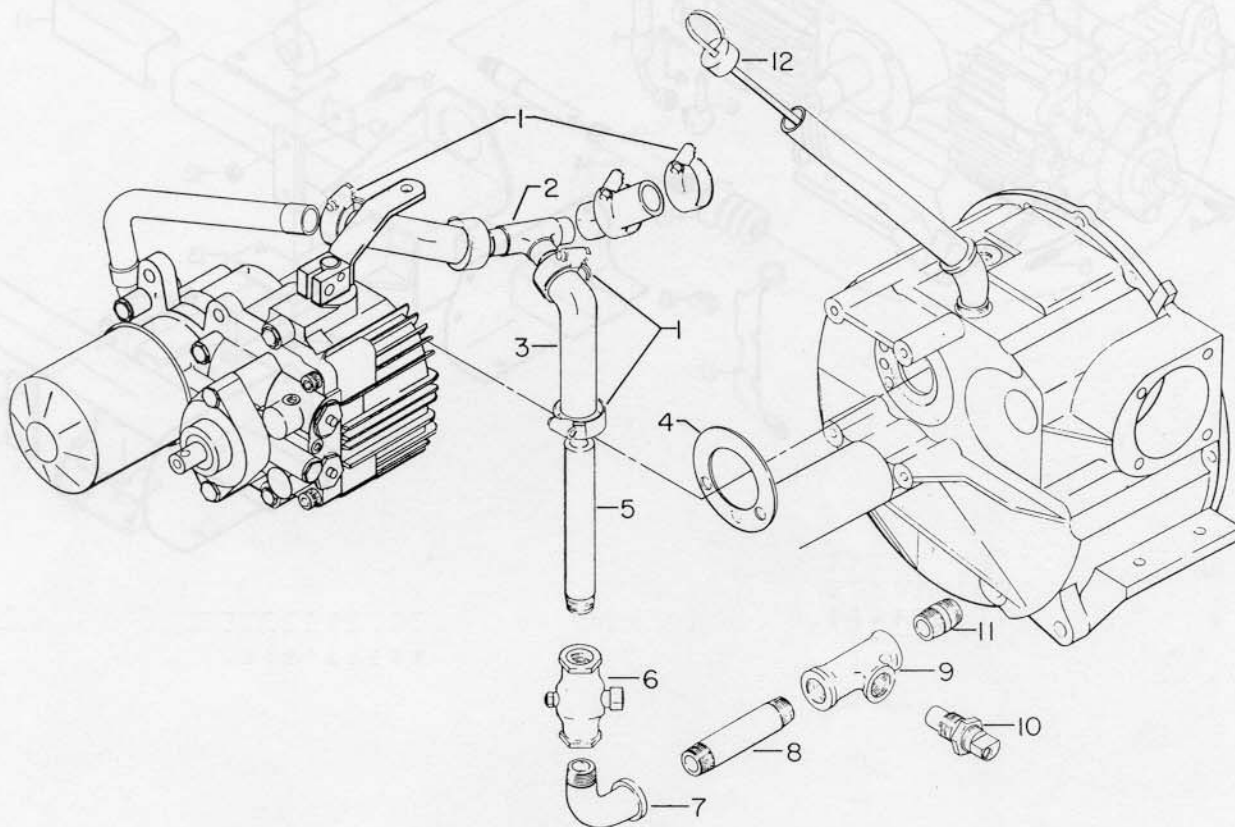
REF. NO.	PART NO.	DESCRIPTION	NO. REQ'D	REF. NO.	PART NO.	DESCRIPTION	NO. REQ'D
1	130152	Screw, No. 6—32x1½	6	7	602319	Screw, ¼—20x1½ rd. hd.	2
2	816765	Damper ring	1	8	817000	Bracket, hour meter	1
3	306506	Lockwasher, No. 6	6	9	306419	Screw, ¼—20x1½ hex.	2
4	302437	Nut, No. 6—32 hex.	3	10	306396	Lockwasher, ¼	4
5	880841	Wire, hour meter to ign. switch	1	11	306375	Nut, ¼—20 hex.	4
6	820132	Wire, hour meter to ground	1	12	816764	Hour meter	1

INDENTED PART NAMES INDICATE THESE PARTS ARE INCLUDED IN PREVIOUS ASSEMBLY



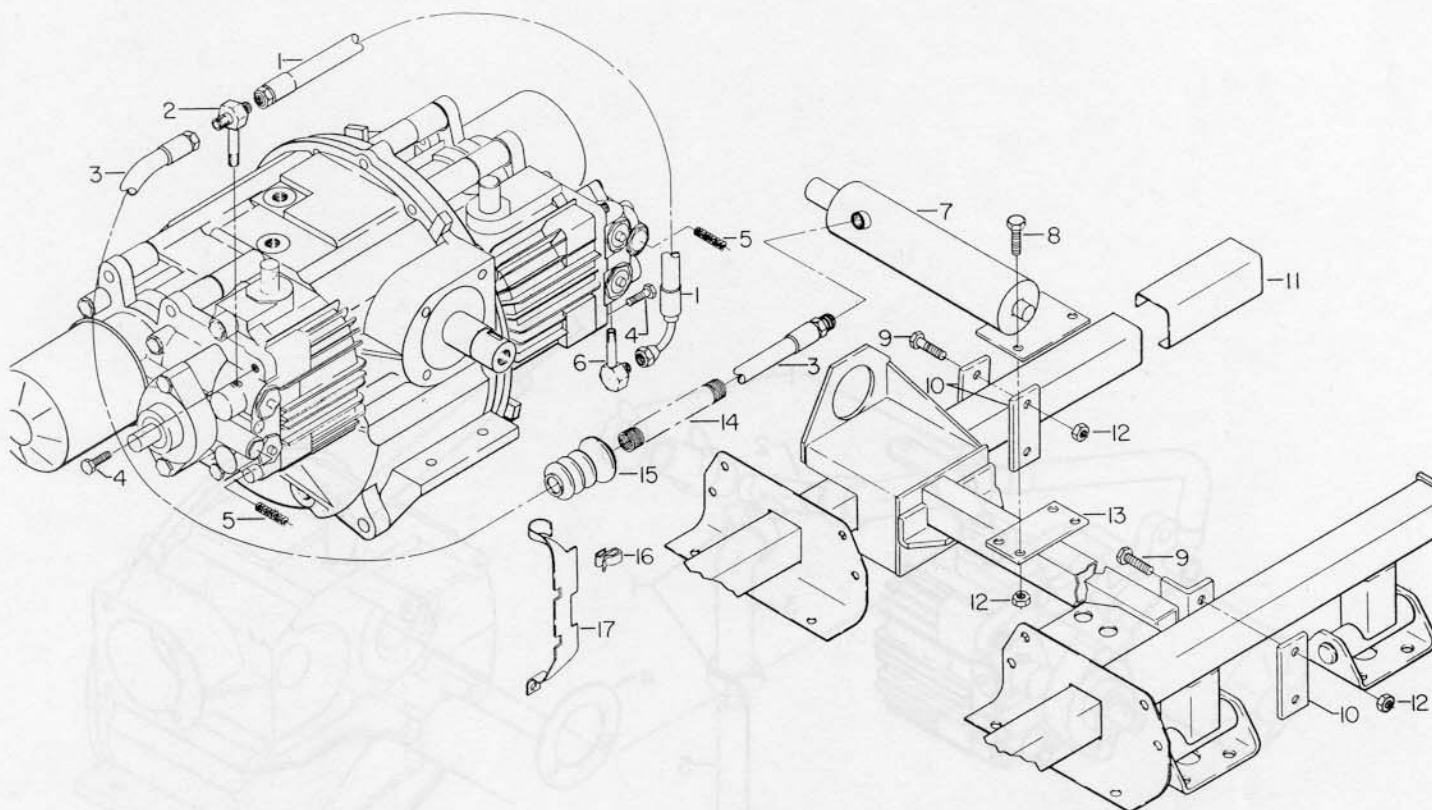
SIDE BUMPER SET
882630

REF. NO.	PART NO.	DESCRIPTION	NO. REQ'D	REF. NO.	PART NO.	DESCRIPTION	NO. REQ'D
1	822342	Bracket, bumper	2	4	306932	Nut, 5/16	12
2	821436	Bolt, sealing bracket mounting	4	5	822356	Side bumper	2
3	306325	Lockwasher, 5/16	12	6	306423	Screw, 5/16	8



RADIATOR BY-PASS SYSTEM

REF. NO.	PART NO.	DESCRIPTION	NO. REQ'D	REF. NO.	PART NO.	DESCRIPTION	NO. REQ'D
1	820889	Clamp	4	7	823701	Elbow	1
2	883230	Tee assembly	1	8	823707	Nipple, 4"	1
3	823706	Hose	1	9	823700	Tee	1
4	820693	Gasket, hydrostat	1	10	820763	Sender, oil temperature	1
5	823698	Pipe	1	11	823699	Nipple, short	1
6	823697	Valve	1	12	882088	Dipstick	1



SPROCKET LOCK

REF. NO.	PART NO.	DESCRIPTION	NO. REQ'D	REF. NO.	PART NO.	DESCRIPTION	NO. REQ'D
1	824911	Hose	1	11	824919	Spacer, torsilastic	1
2	824935	Tee	1	12	800351	Locknut, 3/8"—16	6
3	824910	Hose	1	13	883278	Frame assy., cylinder mtg.	1
4	824332	Screw, hydrostat case (black)	2	14	824941	Protector, hose	1
5	823898	Spring, charge pump	2	15	811928	Boot	1
6	824936	Elbow	1	16	809122	Clip, towing valve clip mtg.	4
7	883279	Cylinder	1	17	823606	Clip, towing valve	2
8	306414	Screw, 3/8"—16x1"	2		824940	Wrench, (not illustrated)	1
9	301431	Screw, 3/8"—16x2 1/2"	4		824967	Sealer (not illustrated)	
10	823914	Bracket	3				