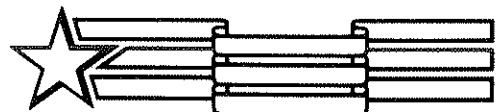


Ingersoll

**FRONT CUT MOWERS
5012, 5016, 5018
Parts Catalog 8-3241**



QUALITY IN THE AMERICAN TRADITION

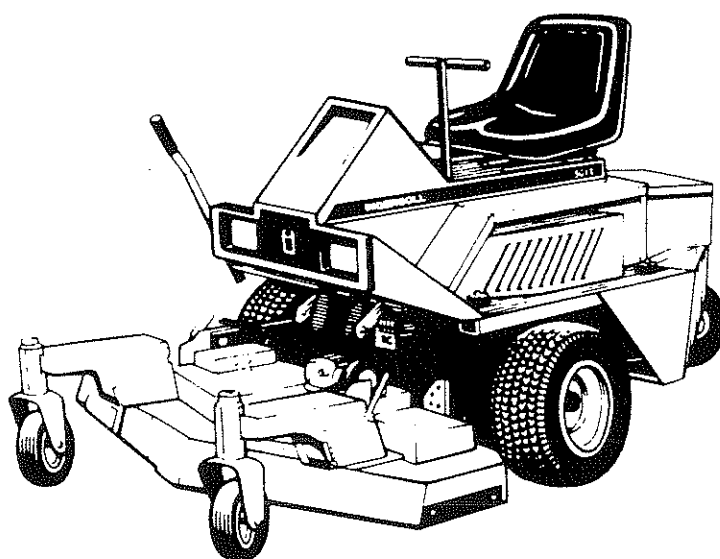
Ingersoll Equipment Co., Inc.

Winneconne, Wisconsin 54986-9576

FRONT CUT MOWERS
5012, 5016, 5018
Parts Catalog 8-3241

7-95-RP-100

NOTE: This catalog replaces
8-3240



**PRODUCT IDENTIFICATION NUMBERS (P.I.N.)
OR SERIAL NUMBERS (S/N)**

The P.I.N. for your front cut mower is located on a sticker placed on the inside of the base near the battery. Other components will have the P.I.N. attached individually. Example (engines, transmissions, etc.).

ENGINE IDENTIFICATION

TRACTOR MODEL	ENGINE MODEL
5012*	BRIGGS & STRATTON CORPORATION ENGINE MODEL 422447 SPEC. NO. 1277-01
5016*	BRIGGS & STRATTON CORPORATION ENGINE MODEL 402447 SPEC. NO. 1225
5018	KOHLER COMPANY ENGINE MODEL M18QS SPEC. NO. PS24532

***IMPORTANT NOTICE:** In this catalog Briggs & Stratton engine parts and warranty are handled by the engine manufacturer.

CONTACT YOUR LOCAL ENGINE DISTRIBUTOR

INDEX

There is an index at the front and rear of this catalog.

The front index is an alphabetical index of the major groups or assemblies.

The rear index is a numerical index of the part numbers and pages on which these numbers are shown.

ILLUSTRATION

Each illustration in this catalog shows a group of parts or components. These parts and components are aligned approximately as the parts and components on your machine. Each part and component in an illustration has a reference number. These reference numbers are in a list on the page opposite of the illustration. Next to the reference number is the part number, description and required quantity of the part shown in the illustration.

UAR - "Use as required" indicates that the part quantity is variable.

NSS - "Not sold separately" indicates that the part is only available as a component of an assembly or the part must be purchased locally. If the part is an assembly component, the description will be indented under the assembly description in the parts list.

O/L - "Obtain locally"

** - "Footnotes" are added to a part number when more information is needed for identification. They only relate to the part numbers indicated.

INDENTED DESCRIPTIONS

An assembly can have many components. The components of an assembly are indicated by an indented description. The quantity for an indented part is the total needed for that complete assembly. See the example.

REF.	PART NO.	DESCRIPTION	REQ'D
	C 55159	CYLINDER ASSY - rear steering	1
28	C 56208	SOCKET ASSY - rear cylinder	1
29	C 55956	PLUG - adjusting, socket assy	1
30	C 55957	SEAT - socket ball	2
31	C 56210	SPRING - socket	1
32	C 56209	SEAT - socket spring	1
33	G 45175	CLAMP ASSY - socket assy	1
	16- 836	BOLT - 1/2" x 2-1/4" N.F. hex	1
34	132- 104	PIN - cotter, 3/16" x 3"	1
35	C 55889	STUD - ball, socket & cylinder	2
36	13- 410	BOLT - 1/4" x 5/8" N.C., hex	4
37	92- 4	LOCK WASHER - 1/4" SAE	4

PARTS ORDERS

All orders must include the following information:

1. Correct part number.
2. Complete description of part or component.
3. Total quantity of each part or component.
4. Product model number.
5. All necessary product identification numbers.
6. Method for sending the parts.
7. Complete and correct address.

CATALOG REVISIONS

As the product changes, new pages will be available for your catalog. A notice will be issued.

IMPORTANT: Put all revisions into the catalog as soon as possible.

RIGHT HAND AND LEFT HAND IDENTIFICATION

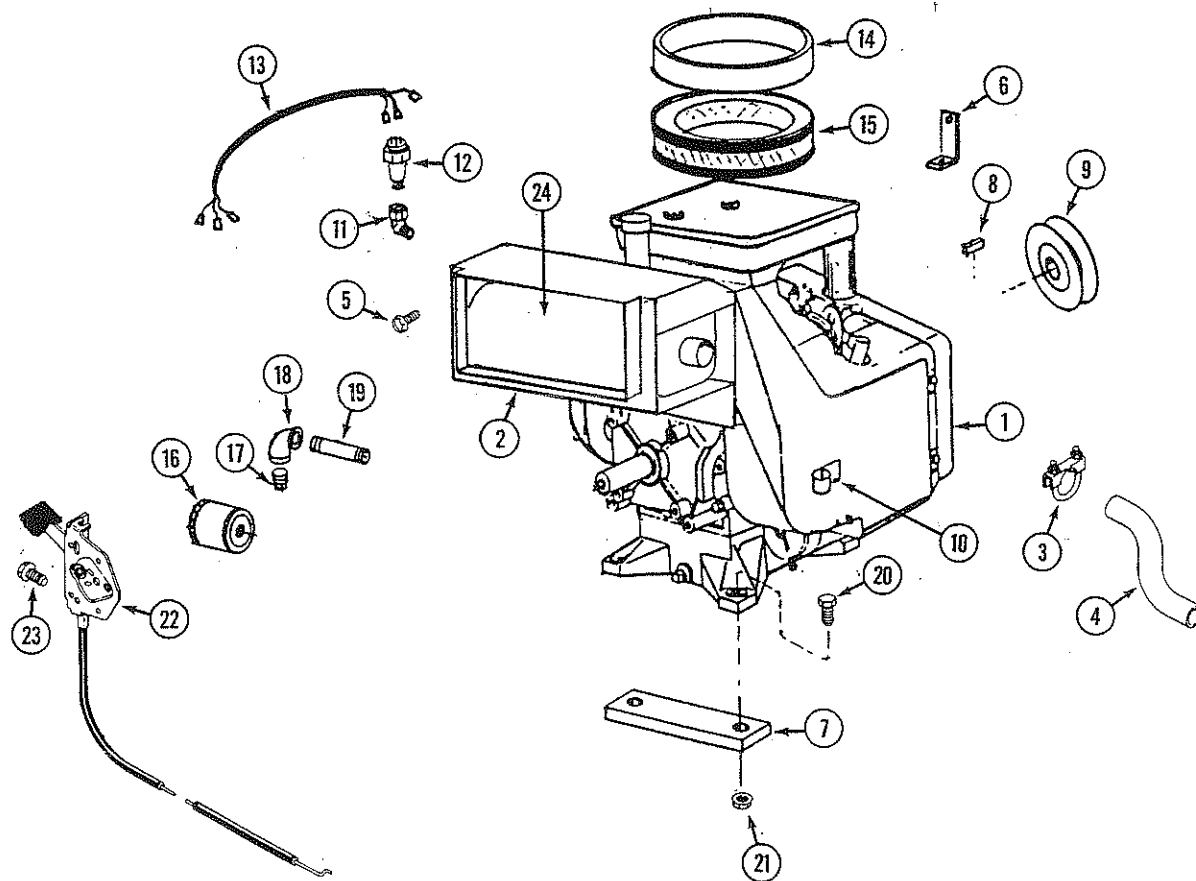
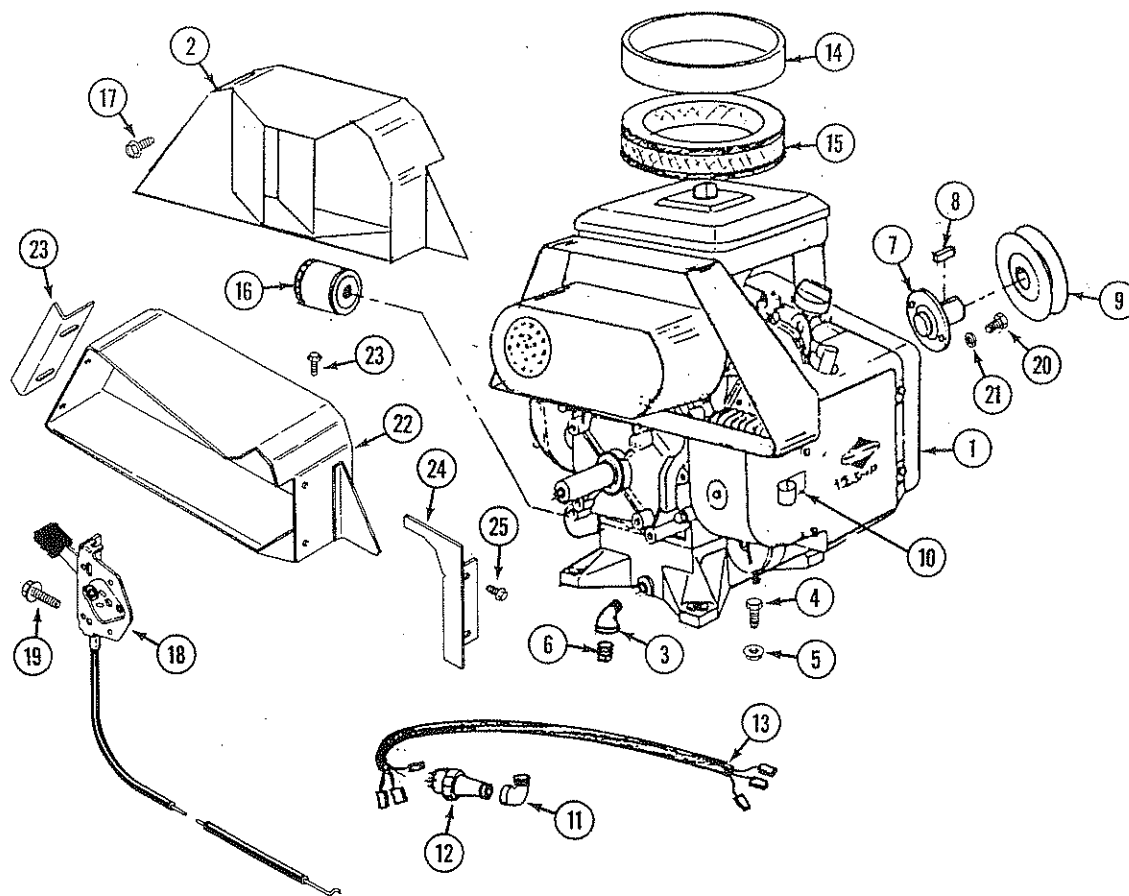
The words right hand (RH) and left hand (LH) as used in this catalog indicate the direction while you are in the operator's seat in the normal operating position.

TABLE OF CONTENTS

Engine and Attaching Parts	5-19
Electrical Clutch	21
Fuel System	21
Base Assembly	23
Body	25
Seat Lid and Steering	27
Single Tail Wheel	29
Dual Tail Wheel	29-31
Parking Brake	33
Cross Shaft, Pump Drive (5018)	33
Drive Assembly R.H. (5018)	35
Drive Assembly L.H. (5018)	37
Steering Cable Kit (5018)	39
Lift Lever	39
Transmission and Drive Chains (5012, 5016)	41
Cross Shaft, Transmission (5012, 5016)	43
Hydraulic System (5018)	45
Wiring Diagram	47-49
Decals	51
Deck Lift, Electric	53-55

KOHLER ENGINE (5018)

Air Cleaner	7
Carburetor and Intake Manifold	7
Governor	9
Crankshaft and Flywheel	11
Camshaft and Valves	11
Crankcase	13
Piston, Rings and Connecting Rod	15
Baffles and Shrouds	15
Engine Lubrication	17
Breather	17
Starter	19
Engine Electrical Components	19



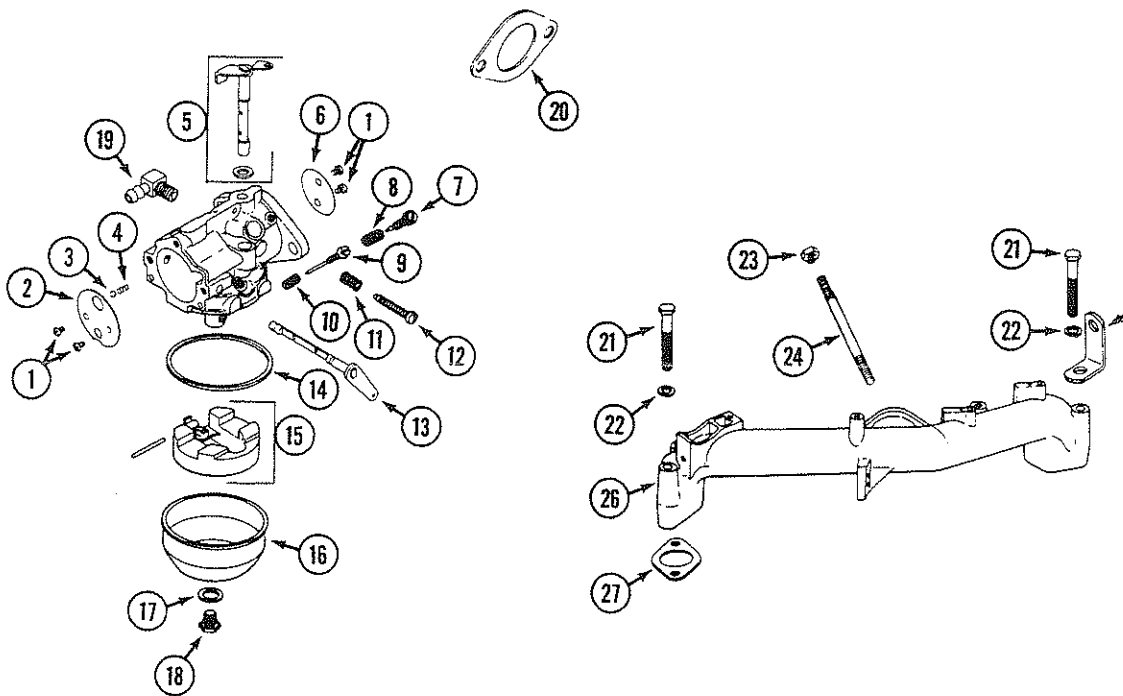
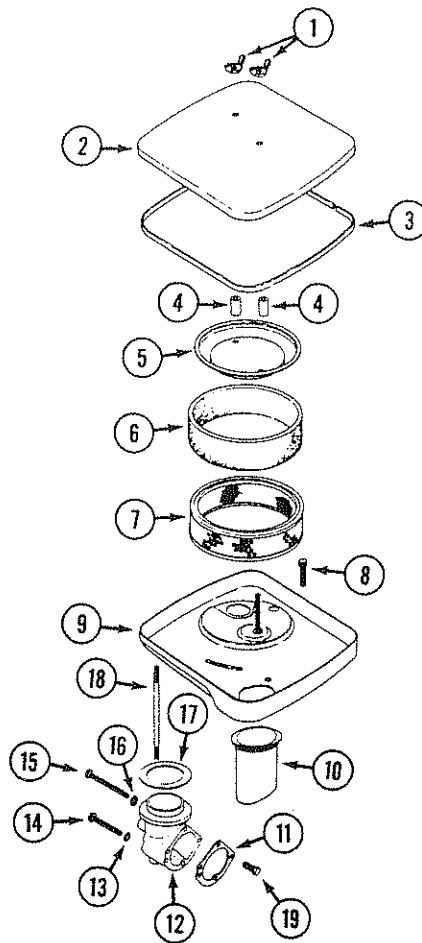
ENGINE AND ATTACHING PARTS (5012, 5016)**BRIGGS AND STRATTON**

(See your local distributor for internal parts and warranty)

REF.	PART NO.	DESCRIPTION	REQ'D
1	C 45811	ENGINE - Briggs & Stratton, model 422447, Spec. 1289 (16 hp) (5016)	1
1	NSS	ENGINE - Briggs & Stratton, model 402447 Spec. No. 1225 (16 hp) (5016) (use C45811)	1
1	C 41675	ENGINE - Briggs and Stratton, model 404447, Spec. No. 1211 (12.5 hp) (5012)	1
2	C 37533	DUCT - air (use before S/N 14178235)	1
3	221- 1413	ELBOW - street 3/8"	1
4	113- 104	BOLT - 5/16" - 18 x 1-1/4"	4
5	131- 911	NUT - 5/16" - 18	4
6	C 37546	PLUG - pipe 3/8"	1
7	C 37537	SHAFT - stub	1
8	C 37538	KEY - 1/4" x 1/4" x 1"	1
9	C 37539	PULLEY - drive (use C32199 set screw)	1
10	C 37540	RETAINER - starter cable	2
11	221- 411	ELBOW - street 1/8"	1
12	C 37531	UNIT - oil sending	1
13	C 42240	HARNESS - wire	1
14	C 37543	PRECLEANER	1
15	C 37544	FILTER - air	1
16	C 37545	FILTER - oil	1
17	121- 21	BOLT - 1/4" - 20 flange lock	7
18	C 37819	CABLE - choke	1
18	C 37820	CABLE - throttle	1
19	C 39403	SCREW - #12 x 1/2"	4
20	113- 207	BOLT - 3/8" - 16 x 1"	2
21	192- 21	LOCKWASHER - 3/8"	2
22	C 45077	DUCT - air (use S/N 14178235 and after)	1
23	C 45078	DEFLECTOR - air, front (use S/N 14178235 and after)	1
24	C 45079	DEFLECTOR - air, rear (use S/N 14178235 and after)	1
25	187- 1328	BOLT - #8 - 18 x 3/8"	4

ENGINE AND ATTACHING PARTS (5018)**KOHLER**

1	C 41676	ENGINE - Kohler Model M18QS, Spec. No. 24532 (18 hp)	1
2	C 42050	DUCT - air	1
3	C 42055	CLAMP - pipe (use before S/N 14175549)	1
3	C 45755	CLAMP - muffler 1-1/2" (use S/N 14175549 and after)	1
4	C 45684	PIPE - rear exhaust (also use C45755 before S/N 14175549)	1
5	121- 21	BOLT - 1/4" - 20 flange lock	7
6	C 37536	BRACKET - wire standoff	4
7	C 37563	SPACER	2
8	C 37538	KEY - 1/4" x 1/4" x 1"	1
9	C 37564	PULLEY - drive (includes 83-46 set screw)	1
10	C 37540	RETAINER - starter wire	1
11	C 37541	ELBOW - street 1/8"	1
12	C 37531	UNIT - oil sending	1
13	C 42240	HARNESS - wire	1
14	C 37566	PRECLEANER	1
15	C 37567	FILTER - air	1
16	C 37568	FILTER - oil	1
17	C 37546	PLUG - pipe 3/8"	1
18	221- 376	ELBOW - pipe 3/8"	1
19	C 37548	NIPPLE - pipe 3/8" x 4"	1
20	113- 122	BOLT - 5/16" - 18 x 1-1/2"	4
21	131- 911	NUT - 5/16" - 18	4
22	C 37819	CABLE - choke	1
22	C 37820	CABLE - throttle	1
23	C 39403	SCREW - #12 x 1/2"	4
24	C 40893	MUFFLER - exhaust	1

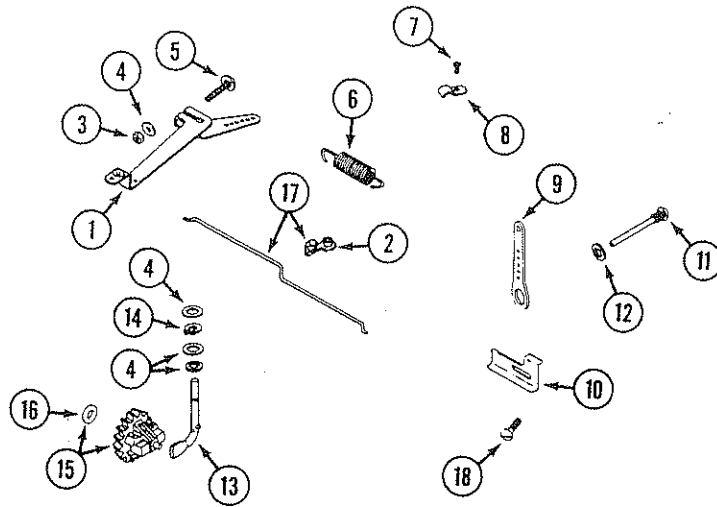


AIR CLEANER (5018)

REF.	PART NO.	DESCRIPTION	REQ'D
1	C 26703	NUT - wing 1/4" - 20	2
2	C 43447	COVER - air cleaner	1
3	C 43448	SEAL - cover	1
4	KO 231032	SEAL - element cover	2
5	C 43449	COVER - element	1
6	C 37566	PRECLEANER	1
7	C 43451	ELEMENT - air cleaner	1
8	C 43452	SCREW - 1/4" - 20 x 7/16" washer head	1
9	C 43453	BASE - air cleaner	1
10	C 43454	TUBE - air	1
11	C 43455	GASKET - elbow	1
12	C 43591	KIT - air intake elbow (inc. ref. 11-19)	1
13	C 43456	WASHER - #10 lock	2
14	C 43457	SCREW - #10 - 32 x 1-1/4"	2
15	C 43458	SCREW - #10 - 32 x 2-1/4"	1
16	C 43459	WASHER - #10	1
17	C 43460	GASKET - air cleaner	1
18	C 43461	STUD	1
19	C 43462	SCREW	1

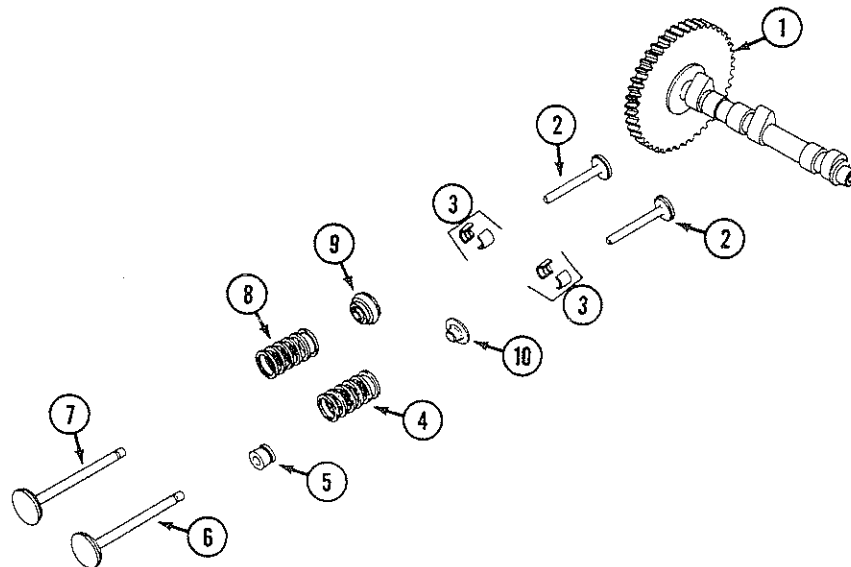
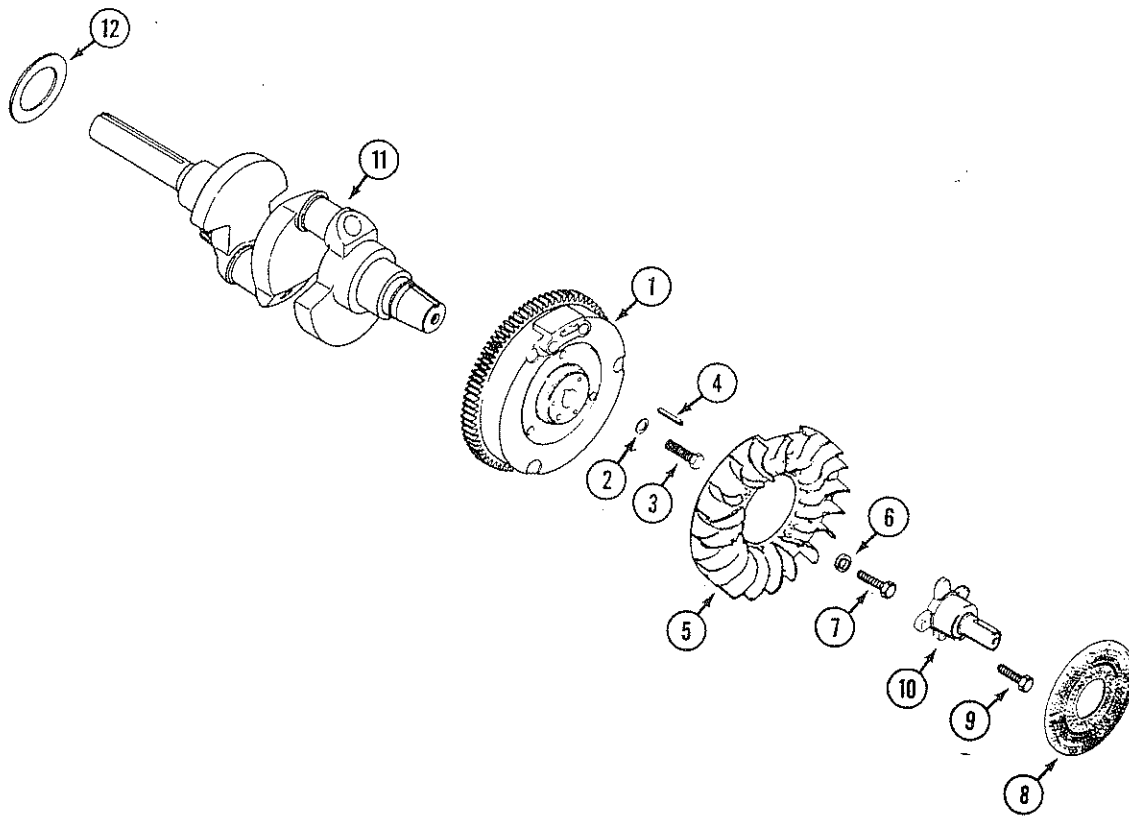
CARBURETOR AND INTAKE MANIFOLD (5018)

	C 43485	CARBURETOR	1
1	C 32862	SCREW - throttle and choke plate	4
2	C 43493	PLATE - choke	1
3	C 32865	BALL - choke	1
4	C 32866	SPRING - choke	1
5	C 43494	SHAFT - throttle (includes seal)	1
6	C 32869	PLATE - throttle	1
7	C 32872	NEEDLE - idle adjust	1
8	C 32871	SPRING - idle needle	1
9	C 43491	NEEDLE - high speed	1
10	C 32871	SPRING - main needle	1
11	C 32873	SPRING - throttle adjust	1
12	C 32874	SCREW - throttle adjust	1
13	C 43496	SHAFT - choke	1
14	C 32878	GASKET - bowl	1
15	C 32879	KIT - float	1
16	C 32880	BOWL - fuel	1
17	C 32881	GASKET - bowl screw	1
18	C 32882	SCREW - bowl	1
19	C 10678	CONNECTOR - 90°	1
20	C 43487	GASKET - carburetor	1
21	C 43488	SCREW - 5/16" - 18 x 2-3/4"	4
22	192- 20	LOCKWASHER - 5/16"	4
23	C 43490	NUT - 5/16" - 18	2
24	C 43491	STUD - 5/16" - 18 x 1"	2
25	C 43592	STRAP - lifting	2
26	C 43592	MANIFOLD - intake	1
27	C 43489	GASKET - intake manifold	2
	C 32884	KIT - carburetor repair	1



GOVERNOR (5018)

EF.	PART NO.	DESCRIPTION	REQ'D
1	C 43550	ARM - governor	1
2	C 32861	BUSHING - linkage	2
3	129- 101	NUT - 1/4" - 20	1
4	192- 19	WASHER - 1/4"	4
5	111- 129	BOLT - 1/4" - 20 x 1" carriage	1
6	C 43552	SPRING - governor	1
7	182- 559	SCREW - #10 - 24 x 13/32" tapping	2
8	C 43553	CLAMP - cable	2
9	C 43554	LEVER - speed control	1
10	C 43555	STOP - high speed	1
11	C 43556	PIN - governor stop	1
12	C 18099	WASHER - 1/4"	1
13	C 43557	SHAFT - governor	1
14	C 43558	RETAINER - governor shaft	1
15	C 27274	GEAR - governor	1
16	KO 237022	WASHER - thrust	1
17	C 43559	LINKAGE - governor (includes ref. 2)	1
18	C 43462	SCREW - 1/4" - 20 x 3/4" tapping	1

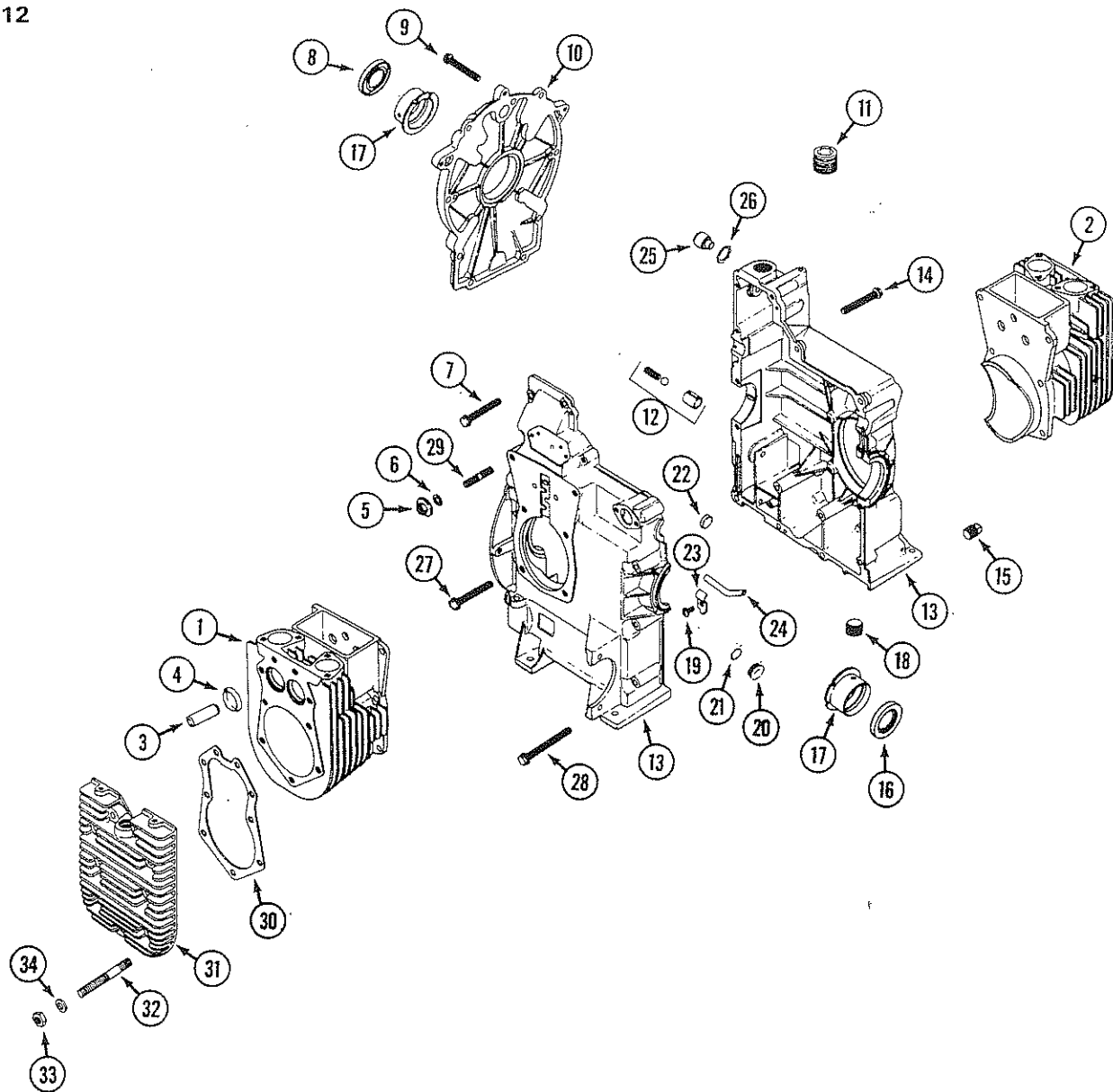


CRANKSHAFT AND FLYWHEEL (5018)

REF.	PART NO.	DESCRIPTION	REQ'D
1	C 43543	FLYWHEEL	1
2	C 32917	WASHER	1
3	28- 620	BOLT - 3/8" - 24 x 1-1/4"	1
4	C 43544	KEY - 3/16" square, 7/8"	1
5	C 32920	FAN	1
6	C 32919	SPACER	4
7	121- 21	SCREW - 1/4" - 20 x 1/2"	4
8	C 43545	SCREEN - grass	1
9	C 43546	SCREW - 3/8" - 16 x 1"	4
10	KO235945	SHAFT - stub	1
11	C 43524	CRANKSHAFT - 1" x 2-3/4" stub end	1
12	C 43525	WASHER - thrust .119"/.122"	UAR
12	C 43526	WASHER - thrust .128"/.131"	1
12	C 43527	WASHER - thrust .137"/.140"	UAR

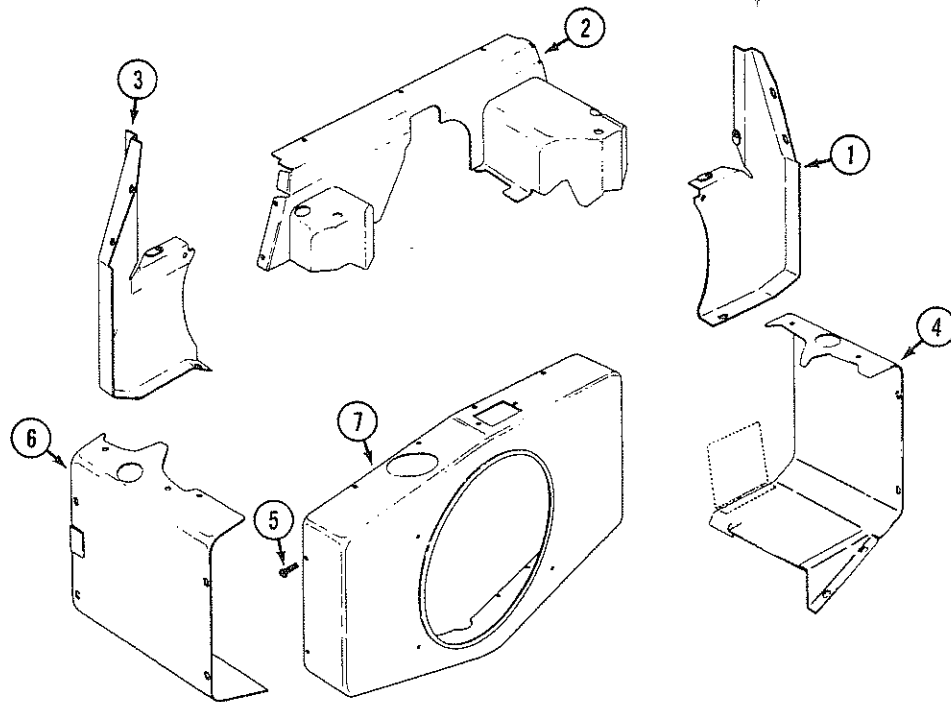
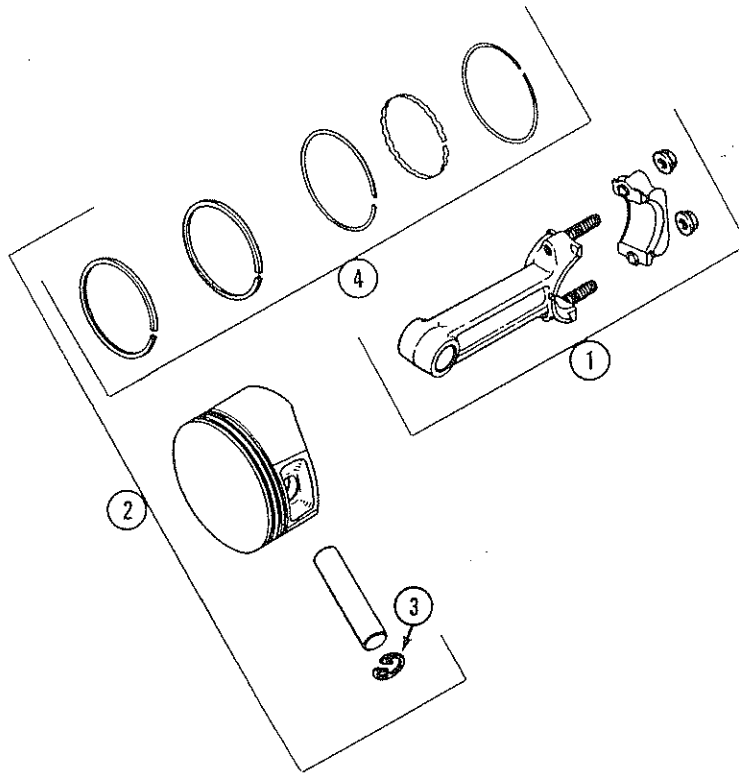
CAMSHAFT AND VALVE (5018)

1	C 43477	CAMSHAFT	1
2	C 43478	TAPPET	4
3	C 24884	KIT - retainer	4
4	C 43479	SPRING - intake valve	2
5	C 43480	SEAL - intake valve stem	2
6	C 43481	VALVE - intake	2
7	C 43482	VALVE - exhaust	2
8	C 43483	SPRING - exhaust valve	2
9	KO230020	ROTATOR - exhaust valve	2
10	C 43484	RETAINER - intake valve spring	2



CRANKCASE (5018)

REF.	PART NO.	DESCRIPTION	REQ'D
1	C 43497	KIT - #1 cylinder barrel (includes ref. 3, 4 and exhaust valve)	1
2	C 43498	KIT - #2 cylinder barrel (includes ref. 3, 4 and exhaust valve)	1
3	C 43499	GUIDE - valve	4
4	C 43500	INSERT - valve seat	4
5	129- 102	NUT - 5/16" - 18	12
6	195- 102	WASHER - 5/16"	12
7	C 43501	SCREW - 5/16" - 18 x 1-1/2" flange	7
8	C 43502	SEAL - rear, oil 1-3/8" ID	1
9	C 43503	SCREW - 5/16" - 18 x 1" washer head	9
10	C 43504	KIT - closure plate	1
11	C 43505	PLUG - 1/8" NPTF	1
12	C 43506	KIT - oil pressure relief	1
13	NSS	CRANKCASE - use C43486 short block	2
	C 43486	SHORT BLOCK - includes gasket kit	1
14	C 43507	SCREW - 5/16" - 18 x 2" flange	1
15	221- 3	PLUG - pipe 3/8" N.P.T.F.	1
16	C 43508	SEAL - front, oil	1
17	C 43509	BEARING - main (std.)	2
17	C 43510	BEARING - main (.010" undersize)	2
17	C 43511	BEARING - main (.020" undersize)	2
18	C 43512	PLUG - 3/8" NPTF	2
19	C 43513	SCREW - self tap	1
20	C 43514	PLUG - 3/4"	1
21	C 43515	"O" RING	1
22	C 43516	PLUG - cup 5/16"	1
23	C 43517	CLAMP - tube	1
24	C 43518	TUBE - oil pickup	1
25	C 43519	SHAFT - governor	1
26	C 43520	RING - retaining	1
27	C 43521	SCREW - 3/16" - 16 x 3-5/8"	2
28	C 43522	SCREW - 5/16" - 18 x 3-1/2"	8
29	C 43523	STUD - 2"	12
30	C 43530	GASKET - cylinder head	2
31	C 43528	HEAD - cylinder	2
32	C 43529	STUD - 5/16" - 18 x 2"	18
33	129- 102	NUT - 5/16" - 18	18
34	195- 102	WASHER - 5/16"	18

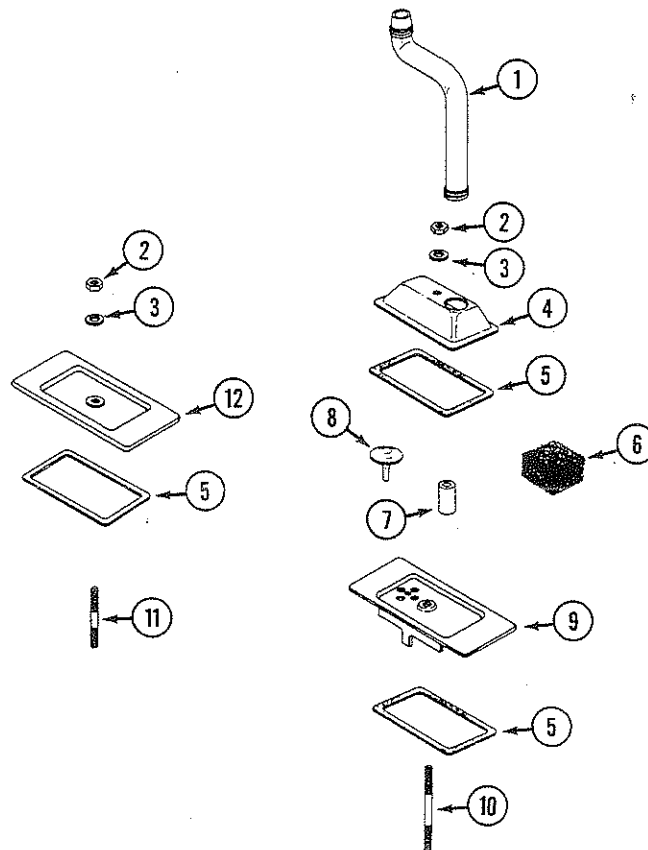
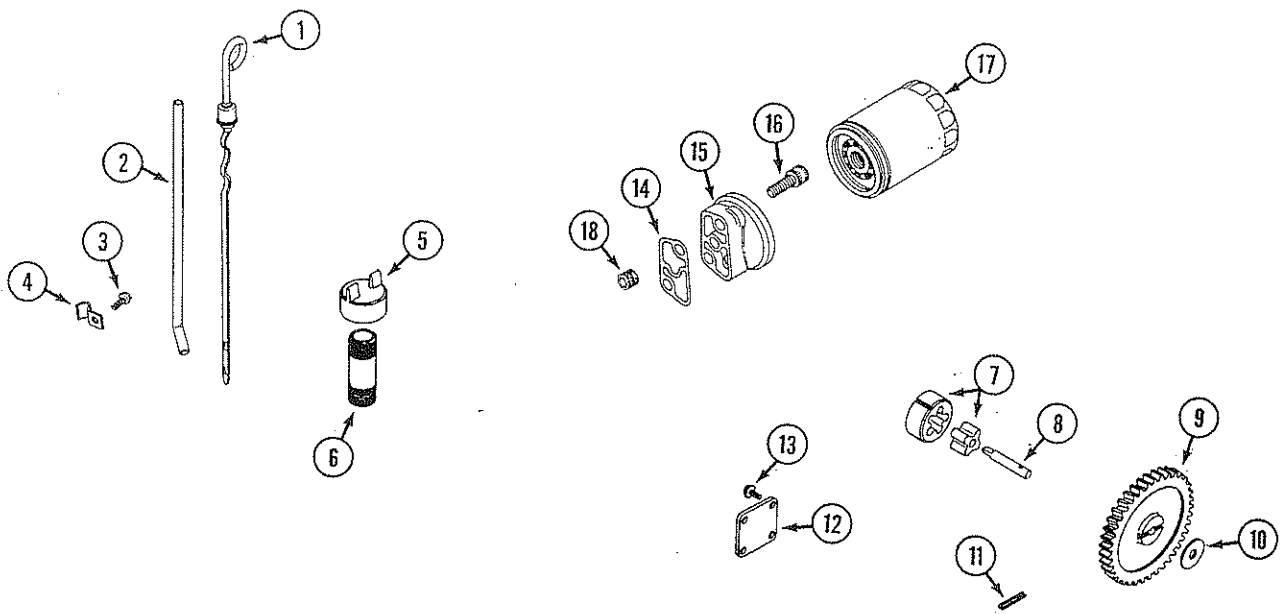


PISTON, RINGS AND CONNECTING ROD (5018)

REF.	PART NO.	DESCRIPTION	REQ'D
1	C 43566	ROD - connecting (std.)	2
1	C 43567	ROD - connecting (.010" undersize)	2
2	C 43568	PISTON AND RINGS (std)	2
2	C 43569	PISTON AND RINGS (.003" oversize)	2
2	C 43570	PISTON AND RINGS (.010" oversize)	2
2	C 43571	PISTON AND RINGS (.020" oversize)	2
2	C 43572	PISTON AND RINGS (.030" oversize)	2
3	C 43573	RETAINER - piston pin	4
4	C 43574	RING SET - std. and .003" undersize	2
4	C 43575	RING SET - .010" undersize	2
4	C 43576	RING SET - .020" undersize	2
4	C 43577	RING SET - .030" undersize	2

BAFFLES AND SHROUDS (5018)

1	C 43463	DUCT - air, #1 side (use before engine serial no. 1835500016)	1
1	C 43464	DUCT - air, #1 side (use after engine serial no. 1835500006)	1
2	C 43589	COVER - air duct	1
3	C 43590	DUCT - air, #2 side	1
4	C 43465	BAFFLE - #1 cylinder head (use before engine serial no. 1835500016) . .	1
4	C 43466	BAFFLE - #1 cylinder head (use after engine serial no. 1835500006) . . .	1
5	C 43452	SCREW - 1/4" - 20 x 7/16" self-tap	23
6	C 43467	BAFFLE - #2 cylinder head	1
7	C 43468	HOUSING - blower	1

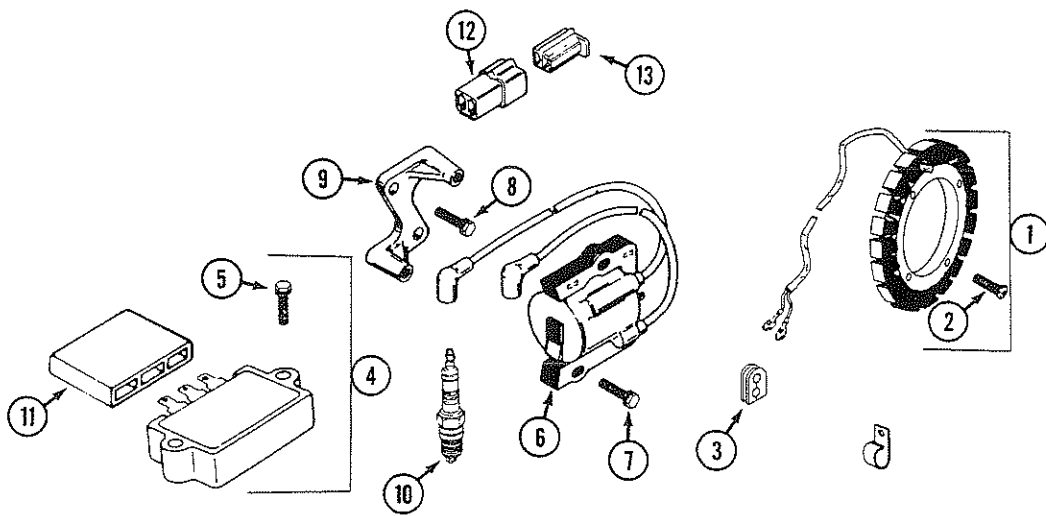
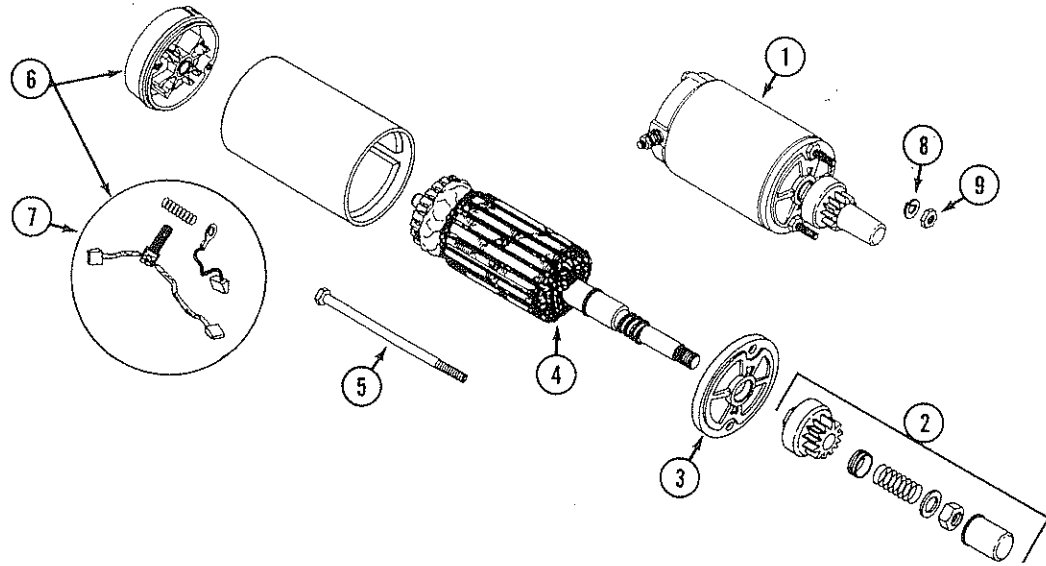


ENGINE LUBRICATION (5018)

REF.	PART NO.	DESCRIPTION	REQ'D
1	C 43531	DIPSTICK	1
2	C 43532	TUBE - oil level	1
3	C 43513	SCREW - #10 - 32 x 7/16"	1
4	C 43534	CLIP - tube	1
5	C 43535	CAP - pipe	1
6	C 43536	PIPE - oil fill 3/4" x 2-1/2"	1
7	C 43578	ROTOR SET	1
8	C 43579	SHAFT - oil pump	1
9	C 43580	GEAR - oil pump	1
10	C 43581	SPACER	UAR
11	C 43582	PIN - roll	1
12	C 43583	COVER - oil pump	1
13	C 43513	SCREW - #10 - 32 x 7/16" washer head	4
14	C 43584	GASKET - adapter	1
15	C 43585	ADAPTER - oil filter	1
16	C 43586	SCREW - 5/16" - 18 x 1"	2
17	C 37568	FILTER - oil	1
18	C 43505	PLUG - pipe 1/8"	1

BREATHER (5018)

1	C 43469	HOSE - breather	1
2	129- 101	NUT - 1/4" - 20	2
3	C 18099	WASHER - 1/4"	2
4	C 43470	COVER - upper	1
5	C 43471	GASKET - valve cover	3
6	C 43472	FILTER - breather	1
7	C 43473	SEAL - breather	1
8	C 43474	VALVE - breather	1
9	C 43475	COVER - lower	1
10	KO275220	STUD - breather cover	1
11	C 43587	STUD - valve cover	1
12	C 43476	COVER - valve	1

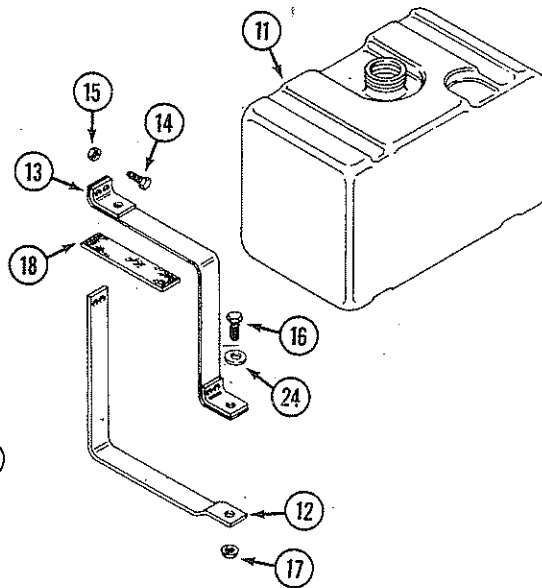
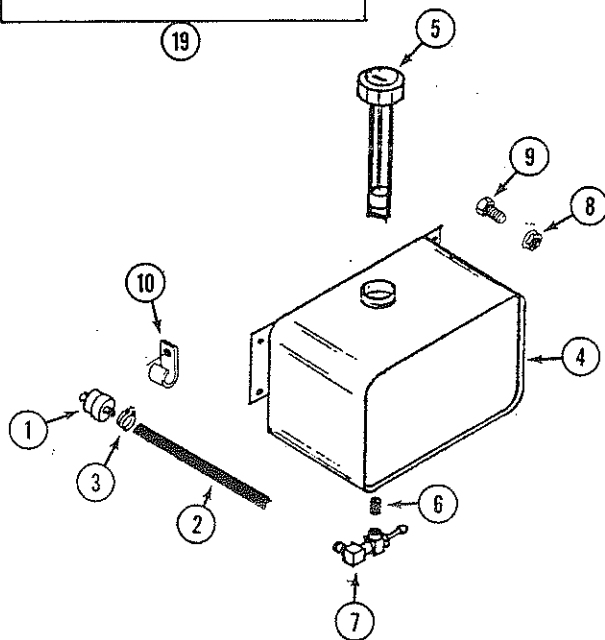
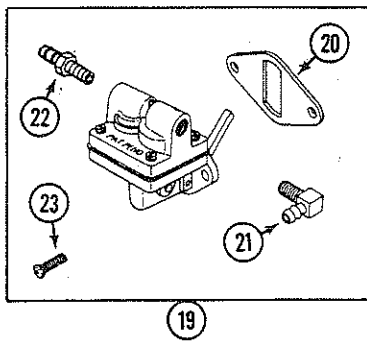
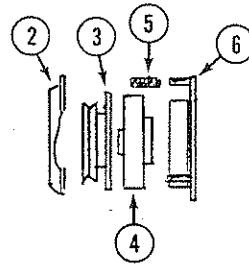
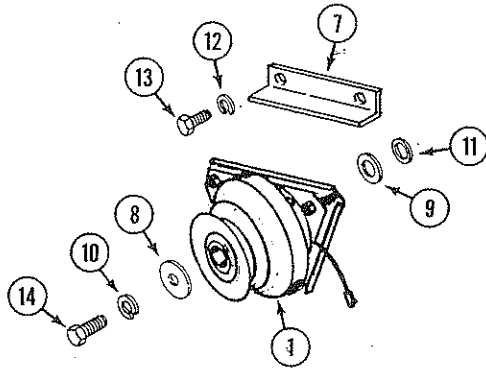


STARTER (5018)

REF.	PART NO.	DESCRIPTION	REQ'D
1	C 43537	STARTER - 12V	1
2	C 43538	KIT - drive	1
3	C 43539	CAP - drive end	1
4	C 43540	ARMATURE	1
5	C 43541	BOLT - thru 1/4" - 20 x 5-7/8"	2
6	C 43542	CAP - commutator end	1
7	C 28683	KIT - brush and spring	1
8	192- 19	LOCKWASHER - 1/4"	2
9	129- 101	NUT - 1/4" - 20	2

ENGINE ELECTRICAL COMPONENTS (5018)

1	C 28692	STATOR - 15 amps	1
2	C 32947	SCREW - #10 - 24 x 3/4"	4
3	C 43533	GROMMET	1
4	C 32948	REGULATOR - rectifier 15 amp	1
5	187- 1037	SCREW - 1/4" - 20 x 5/8"	2
6	C 43561	MODULE - ignition	1
7	C 43560	SCREW - 1/4" - 20 x 1" washer head	2
8	113- 4	SCREW - 1/4" - 20 x 1"	2
9	C 43562	BRACKET - module	1
10	C 43563	SPARK PLUG	2
11	C 32949	CONNECTOR - rectifier	1
12	C 43564	CONNECTOR - 2 contact, female	1
13	C 43565	CONNECTOR - 2 contact, male	1

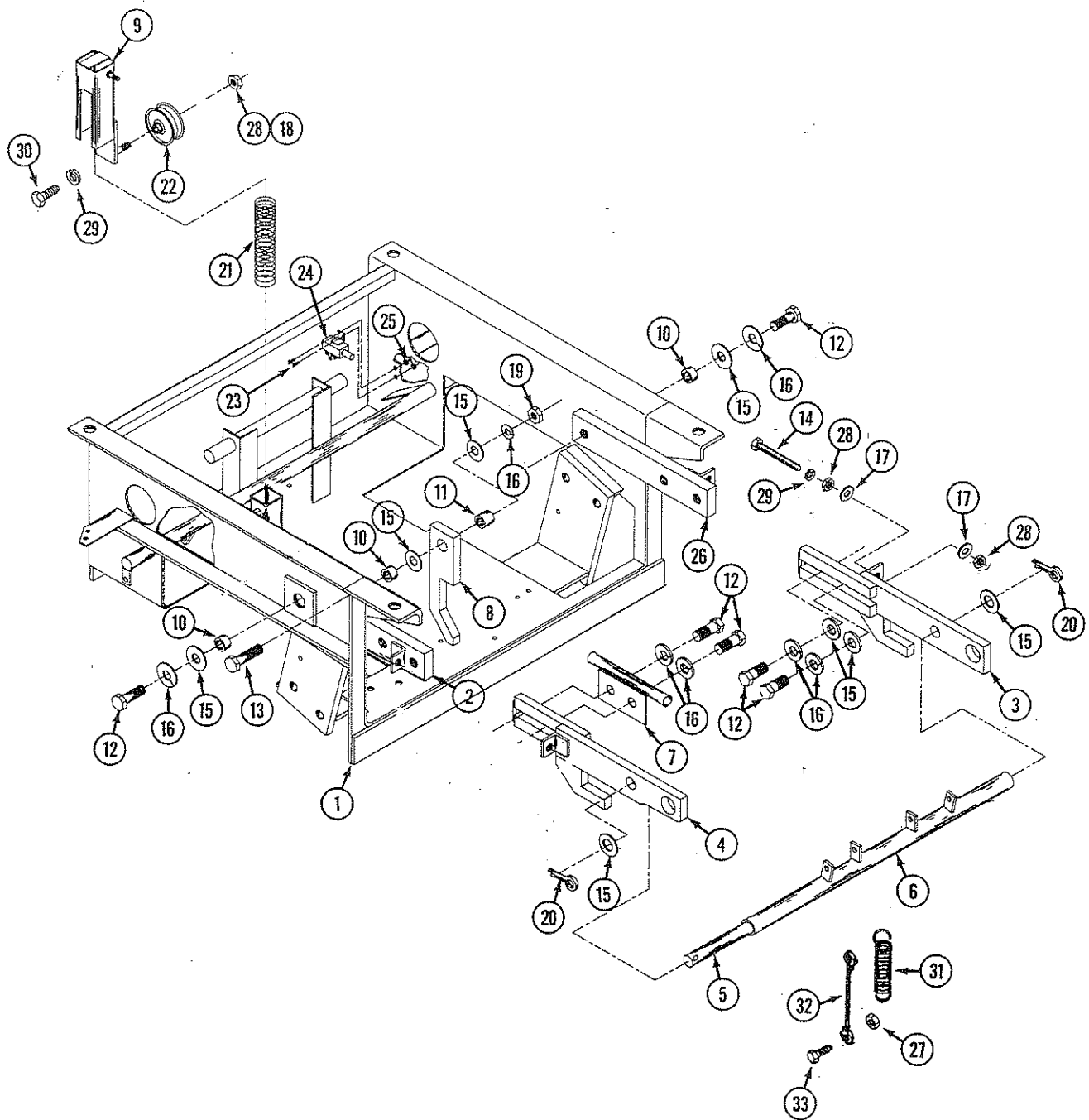


ELECTRIC CLUTCH (PTO)

REF.	PART NO.	DESCRIPTION	REQ'D
1	C 37511	CLUTCH ASSEMBLY	1
2	C 37549	BRAKE - clutch	1
3	C 37550	ARMATURE - clutch	1
4	C 37551	ROTOR - clutch	1
5	C 37552	KIT - spring and nut (3 each)	1
6	C 37553	COIL - clutch	1
7	C 37562	BRACKET - clutch stop	1
8	C 31615	WASHER - retaining	1
9	NSS	WASHER - 1" (5012, 5016) (use only Ref. 11)	1
10	192- 21	LOCKWASHER - 3/8"	1
11	C 31614	WASHER - 1-1/8"	1
12	192- 22	LOCKWASHER - 7/16"	2
13	113- 335	BOLT - 7/16" - 14 x 3/4"	2
14	114- 201	BOLT - 3/8" - 24 x 1-1/4"	1

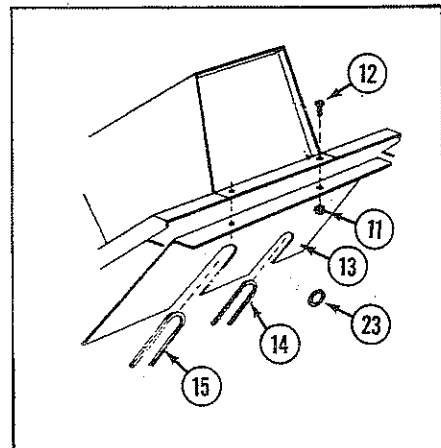
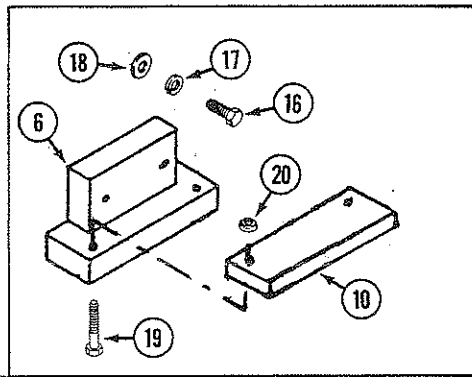
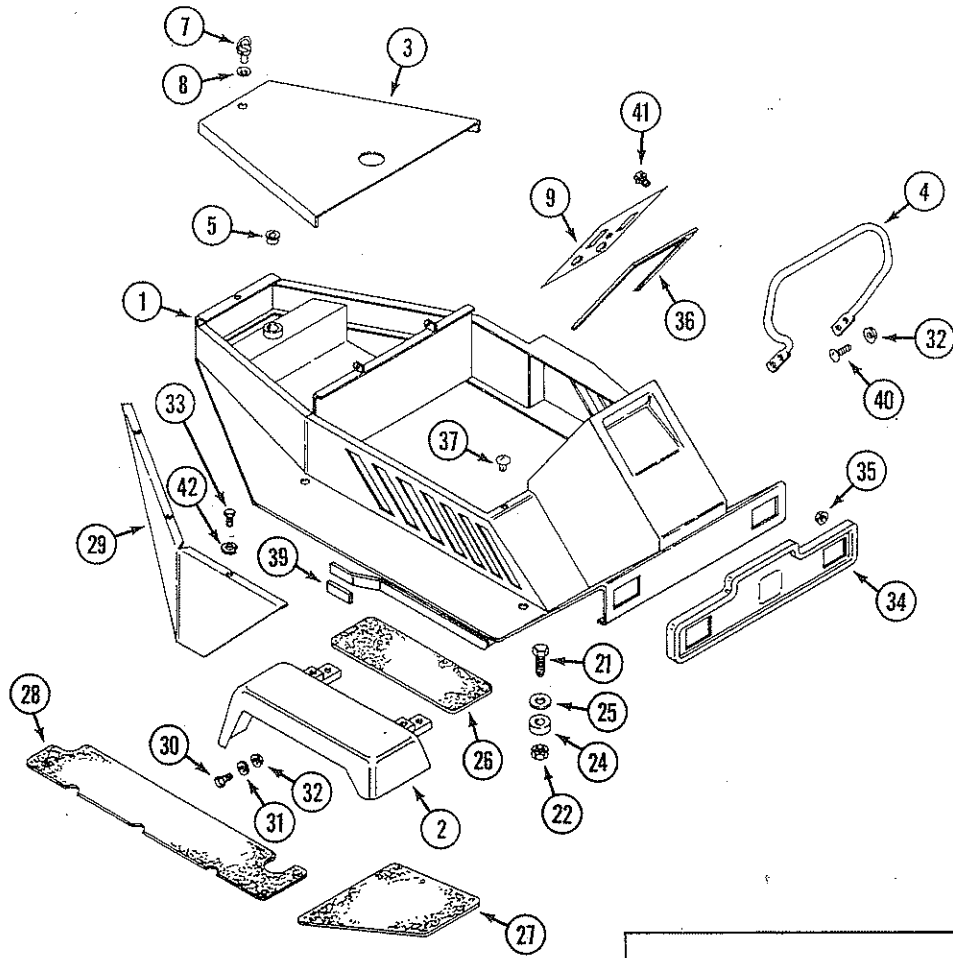
FUEL SYSTEM

1	C 37554	FILTER - fuel	1
2	C 44027	HOSE - fuel (cut to length)	1
3	214- 103	CLAMP - hose	4
4	NSS	TANK - fuel (1-3/4" filler tube) (use C45119, C44822) metal	1
4	C 45119	TANK - fuel (2-1/4" filler tube) metal	1
5	C 44290	CAP - fuel tank (with gauge) (1-3/4" threads)	1
5	C 44822	CAP - fuel tank (with gauge) (2-1/4" threads) use on metal tank	1
5	C 45334	CAP - fuel tank (with gauge) (2-1/4" threads) (use on plastic tank)	1
6	C 37812	NIPPLE - pipe 1/8"	1
7	C 37811	VALVE - shut off	1
8	131- 934	NUT - 1/4" - 20 flange lock	4
9	113- 1	BOLT - 1/4" - 20 x 1/2"	1
9	113- 3	BOLT - 1/4" - 20 x 3/4"	3
10	C 32455	CLIP - "J" fuel line	1
11	C 45333	TANK - fuel (2-1/4" filler tube) (plastic)	1
11	NSS	TANK - fuel (1-3/4" filler tube) (plastic) (use C45333, C45334)	1
12	C 45061	BRACKET - fuel tank	2
13	C 45062	STRAP - fuel tank	2
14	113- 5	BOLT - 1/4" - 20 x 1-1/2"	2
15	131- 71	NUT - 1/4" - 20 lock	2
16	113- 103	BOLT - 5/16" - 18 x 1"	2
17	131- 911	NUT - 5/16" - 18 flange lock	2
18	C 34189	CUSHION	2
19	C 43547	PUMP - fuel	1
20	C 43548	GASKET - fuel pump	1
21	C 10678	CONNECTOR - 90° hose	1
22	C 43549	CONNECTOR - hose	1
23	C 43550	SCREW - 1/4" - 20 x 5/8"	2
24	195- 521	WASHER - 5/16"	2



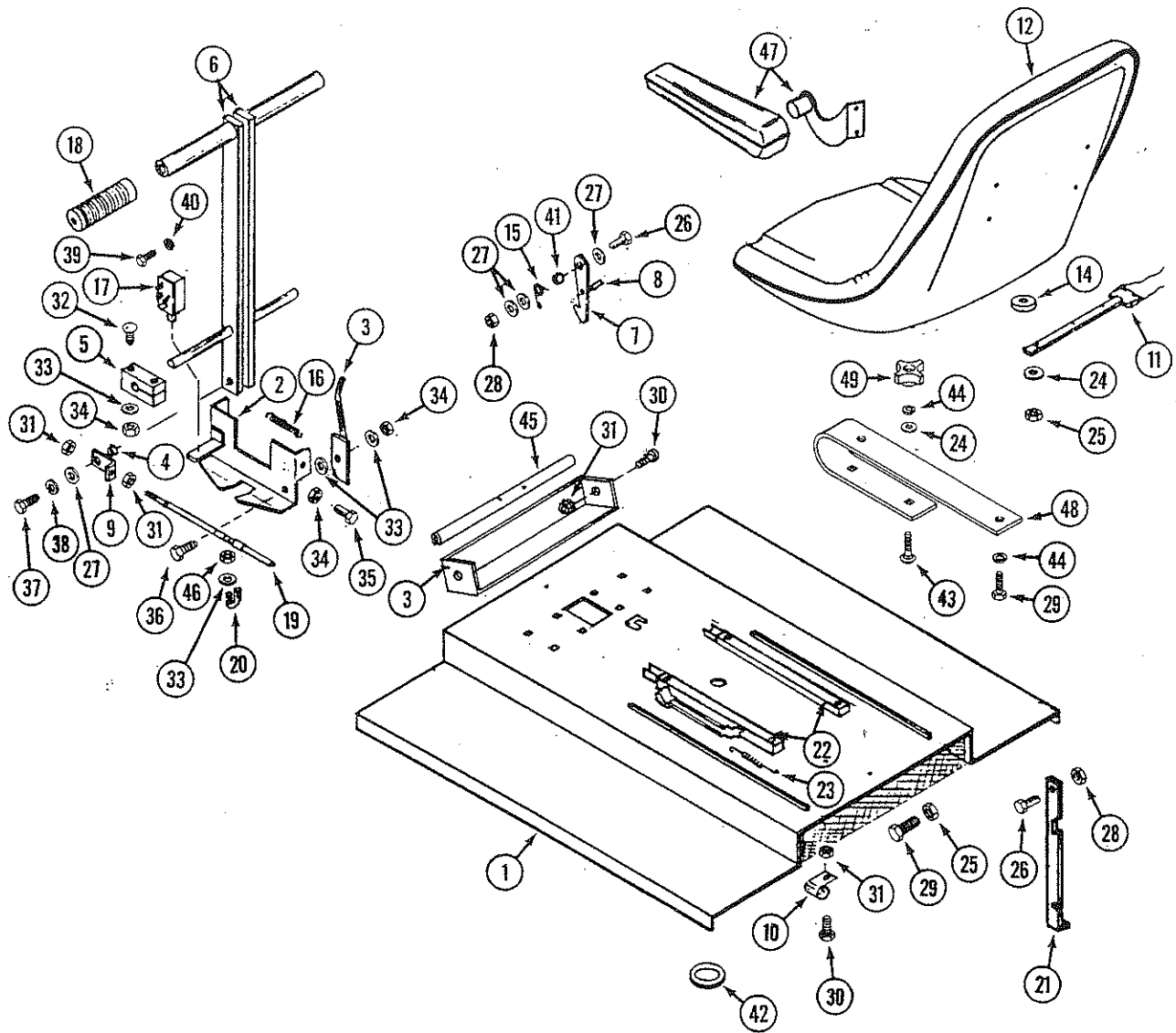
BASE ASSEMBLY

REF.	PART NO.	DESCRIPTION	REQ'D
1	C 42892	BASE - 5018 shown	1
1	C 41005	BASE - (5012, 5016)	1
2	C 37575	ARM - deck lift R.H.	1
3	C 37574	ARM - front L.H.	1
4	C 37573	ARM - front R.H.	1
5	C 37578	PIN - cross bar	1
6	C 37579	BAR - cross	1
7	C 37577	TUBE - wire	1
8	C 37583	LOCK - forward nose down	2
9	C 37585	TUBE - drive idler (5018 shown)	1
9	C 37603	TUBE - drive idler (5012, 5016)	1
10	C 37576	BUSHING - deck lift arm (3/8" long)	3
11	C 37586	BUSHING - pivot (1/2" long)	1
12	113- 417	BOLT - 1/2" - 13 x 1-1/4"	6
13	113- 441	BOLT - 1/2" - 13 x 2-1/4"	1
14	113- 210	BOLT - 3/8" - 16 x 3"	2
15	195- 106	WASHER - 1/2"	8
16	192- 23	LOCKWASHER - 1/2"	7
17	195- 104	WASHER - 3/8"	4
18	131- 938	NUT - flange lock 3/8" - 16	1
19	129- 105	NUT - 1/2" - 13	1
20	132- 310	PIN - cotter 1/8" x 1"	2
21	C 37595	SPRING - idler tension	1
22	C 15672	PULLEY - idler 2-1/4" O.D. (5018)	1
22	C 38864	PULLEY - idler (5012, 5016)	1
23	C 37597	SCREW - machine #10 - 32 x 5/8"	2
24	C 37521	SWITCH - safety	1
25	193- 1000	NUT - lock #10 - 32	2
26	C 38594	ARM - deck lift L.H.	1
27	131- 71	NUT - lock 1/4" - 20	4
28	129- 103	NUT - 3/8" - 16	5
29	192- 21	LOCKWASHER - 3/8"	3
30	113- 213	BOLT - 3/8" - 16 x 2-1/4" (5012, 5016)	1
31	C 37815	SPRING - lift assist	2
32	C 37816	CABLE - lift	2
33	113- 4	BOLT - 1/4" - 20 x 1"	4



BODY

REF.	PART NO.	DESCRIPTION	REQ'D
1	C 44954	BODY - 5012, 5016, 5018 (use S/N 14175540 and after)	1
1	C 40992	BODY - 5018 (shown) (use before S/N 14175540)	1
1	C 40956	BODY - (5012, 5016) (use before S/N 14178249)	1
2	C 39534	FENDER - R.H. (shown) 5018	1
2	C 40645	FENDER - L.H. 5018	1
3	C 41163	COVER - back	1
4	C 44844	BAR - handle (optional)	1
5	C 37824	BEARING - rear wheel fork	2
6	C 37810	WEIGHT - tail (optional for 5012)	1
7	C 41944	STUD - fastener	1
8	C 41945	GROMMET - fastener	1
9	C 42053	PANEL - dash	1
10	C 37958	WEIGHT - tail 13 lb. (optional for 5012)	2
11	C 37598	NUT - lock #10 - 32	2
12	182- 528	SCREW - #10 - 32 x 1/2"	2
13	C 37828	SHIELD - heat	1
14	C 37829	TRIM - 9"	1
15	C 37830	TRIM - 12-3/4"	1
16	113- 103	BOLT - 5/16" - 18 x 1"	2
17	192- 20	LOCKWASHER - 5/16"	2
18	195- 103	WASHER - 5/16"	2
19	113- 259	BOLT - 3/8" - 16 x 4-1/2"	2
20	131- 1352	NUT - 3/8" - 16 flange lock	2
21	113- 425	BOLT - 1/2" - 13 x 3"	4
22	131- 70	NUT - 1/2" lock	4
23	C 25165	GROMMET	1
24	C 37818	MOUNT - body, rubber	8
25	C 37581	WASHER - mount, body	4
26	C 39524	PAD - fender (5018)	2
27	C 39525	PAD - footrest, front L.H.	1
27	C 39526	PAD - footrest, front R.H. (shown)	1
28	C 40725	PAD - footrest, rear L.H. (5018)	1
28	C 40726	PAD - footrest, rear R.H. (shown) (5018)	1
28	C 39537	PAD - footrest, rear L.H. (5012, 5016)	1
28	C 39538	PAD - footrest, rear R.H. (5012, 5016)	1
29	C 42061	SKIRT - L.H. (5018)	1
29	C 42062	SKIRT - R.H. (shown) (5018)	1
29	C 41167	SKIRT - L.H. (5016)	1
29	C 41171	SKIRT - R.H. (5016)	1
29	C 41175	SKIRT - L.H. (5012)	1
29	C 41179	SKIRT - R.H. (5012)	1
30	113- 118	BOLT - 5/16" - 18 x 5/8"	4
31	195- 103	WASHER - 5/16"	4
32	131- 911	NUT - 5/16" - 18 flange lock	8
33	C 34808	BOLT - 1/4" - 20 x 3/4" self-tap (5012, 5016)	8
33	C 42056	BOLT - 5/16" - 18 x 5/8" black	10
33	C 42057	BOLT - 5/16" - 18 x 1-3/4" black	4
34	C 39533	PLATE - face	1
35	131- 971	NUT - #8 - 32 flange lock	2
36	C 44035	TRIM - 27" (cut to length)	1
37	C 37817	BUMPER - nylon	4
39	C 37631	GRIP - handle	1
40	111- 132	BOLT - 5/16" - 18 x 3/4" carriage	UAR
40	C 42056	SCREW - 5/16" - 18 x 5/8" black	UAR
41	182- 573	SCREW - #10 - 24 x 1/2"	4
41	C 39403	SCREW - #12 x 1/2"	4
42	192- 19	LOCKWASHER - 1/4" (5012, 5016)	8
43	C 34117	NUT - #10 - 24 flange lock	2



SEAT LID AND STEERING

REF.	PART NO.	DESCRIPTION	REQ'D
1	C 44237**	LID - seat	1
1	C 38054**	LID - seat	1
2	C 37840	BRACKET - lever lock	1
3	C 37841	LATCH - lever lock	1
4	C 42895	BUSHING - (also order C42896)	2
5	C 37842	BEARING - block	4
6	C 37843*	LEVER - steering	2
6	C 44915**	LEVER - steering	2
7	C 44481	LATCH - seat lid	1
8	NSS	BOLT - latch, seat lid (use C44481)	1
9	C 42896	BRACKET - steering cable end (also order C42895)	4
10	C 32455	RETAINER - harness, seat lid	1
11	C 37520	SWITCH - seat	1
12	C 37847	SEAT	1
12	C 43201**	SEAT	1
13	C 37826	PLATE - lid filler	1
14	C 37850*	SPACER - seat	4
15	C 37851	SPRING - latch, seat lid	1
16	C 37837	SPRING - bracket, lever lock	1
17	C 37521	SWITCH - safety	1
18	C 37631	GRIP - handle	2
19	NSS	CABLE - steering (5018) (see page 37)	2
19	C 37705	CABLE - steering (5012, 5016)	2
20	C 37616	CLAMP - steering cable	UAR
21	C 37852	PROP - seat lid	1
22	C 37848*	KIT - seat slide rail (pair)	1
23	C 37853	SPRING - seat	1
24	195- 103	WASHER - 5/16"	8
25	131- 69	NUT - 5/16"	4
26	113- 4	BOLT - 1/4" - 20 x 1"	2
27	195- 520	WASHER - 1/4"	3
28	131- 71	NUT - 1/4" - 20 lock	3
29	113- 103	BOLT - 5/16" - 18 x 1"	6
30	182- 528	SCREW - #10 - 32 x 1/2"	3
31	193- 1000	NUT - #10 - 32	7
32	111- 114	BOLT - 1/4" - 20 x 1-1/2" carriage	8
33	195- 102	WASHER - 1/4"	10
34	131- 71	NUT - 1/4" - 20 lock	11
35	113- 3	BOLT - 1/4" - 20 x 3/4"	2
36	C 42359	BOLT 1/4" - 20 x 2"	1
37	113- 3	BOLT - 1/4" - 20 x 3/4"	2
38	192- 19	LOCKWASHER - 1/4"	2
39	182- 525	SCREW - #10 - 32 x 3/8"	1
40	192- 18	LOCKWASHER - 3/16"	1
41	C 44498	SPACER	1
42	C 37787	GROMMET - 1/2" x 1"	UAR
42	C 25165	GROMMET - 1" x 1-3/4"	UAR
43	111- 204	BOLT - 5/16" - 18 x 1"	4
44	192- 20	LOCKWASHER - 5/16"	8
45	C 41956	TRIM - (23-1/2" piece, cut to length)	1
46	131- 71	NUT - 1/4" - 20 lock	UAR
47	NSS	KIT - arm rest (optional) (order as machinery item GDS13)	-
	C 22947	TIE - nylon	1
48	C 43137**	SPRING - seat	2
49	C 43438**	KNOB - seat	4

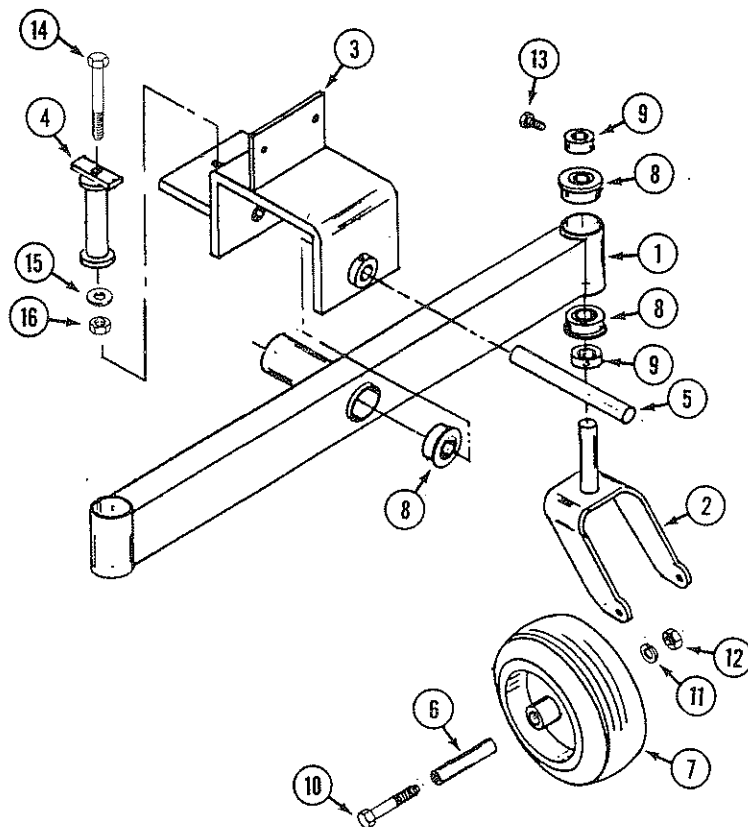
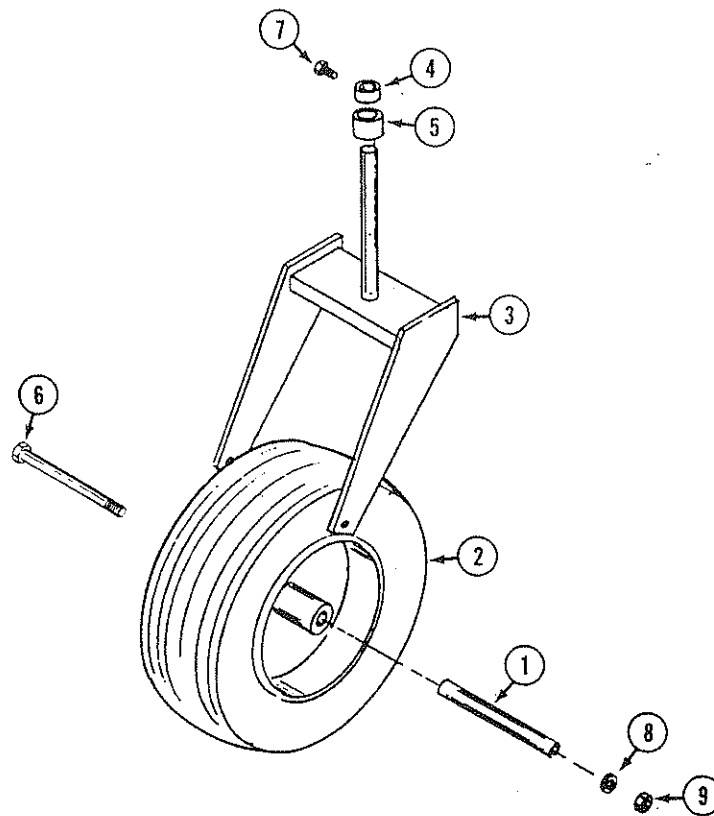
*use before S/N:

**use S/N and after:

5012 - all before

5016 - 14178234

5018 - 14175495

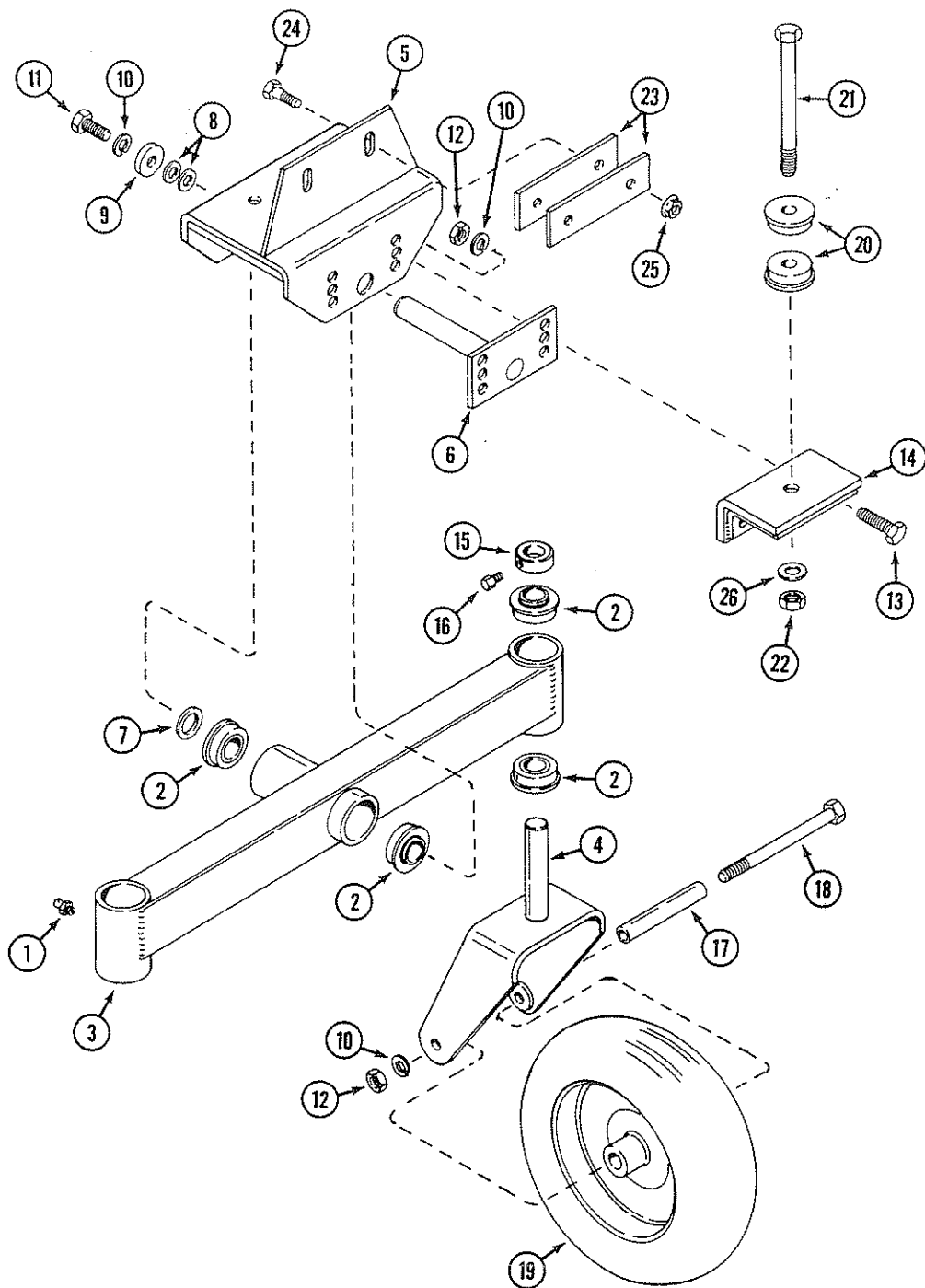


SINGLE TAIL WHEEL

REF.	PART NO.	DESCRIPTION	REQ'D
1	C 38027	AXLE - wheel (5012, 5016)	1
1	C 37854	AXLE - wheel (5018)	1
2	C 38028	WHEEL ASSEMBLY - tail (5012, 5016)	1
	C 42624	BEARING - wheel (5012, 5016)	2
	C 38029	TIRE - 15 x 6.00 - 6 (5012, 5016)	1
	C 38232	RIM - 6" (5012, 5016) (includes bearings)	1
2	C 37855	WHEEL ASSEMBLY - tail (5018)	1
	C 42624	BEARING - wheel (5018)	2
	C 37857	TIRE - 15 x 6.50 - 8 (5018)	1
	C 37858	RIM - 8" (5018) (includes bearings)	1
3	C 39015	FORK - tail wheel (5012, 5016)	1
3	C 37859	FORK - tail wheel (5018)	1
4	C 37860	COLLAR - set 1"	1
5	C 37861	SPACER - tail wheel fork	1
6	C 38055	BOLT - 1/2" - 13 x 8-1/2" (5012, 5016)	1
6	113- 452	BOLT - 1/2" - 13 x 9-1/2" (5018)	1
7	85- 58	SCREW - set 5/16" - 18 x 1/2" square head	1
8	192- 23	LOCKWASHER - 1/2"	1
9	129- 105	NUT - 1/2" - 13	1
	219- 92	FITTING - grease 90° 1/4" - 28 self tap (caster pivot)	1

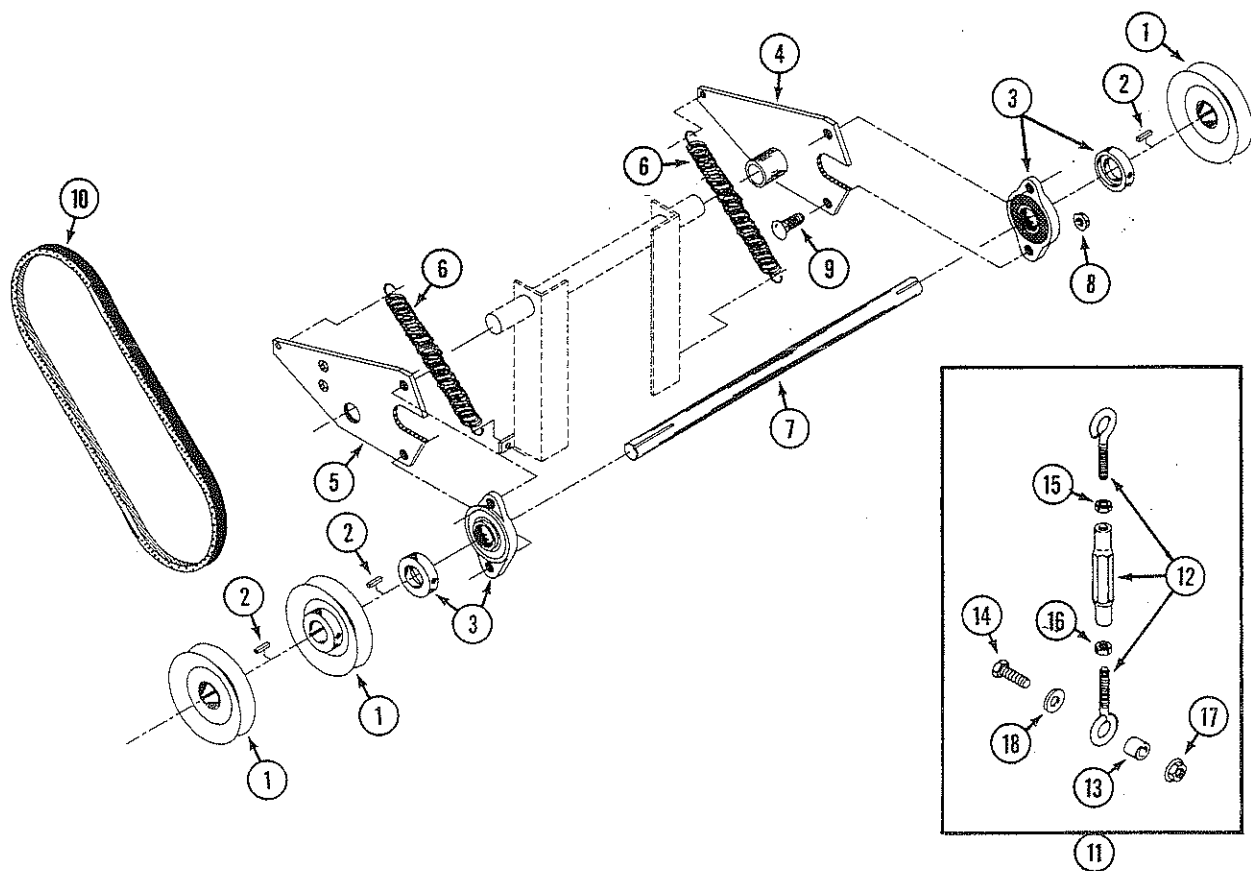
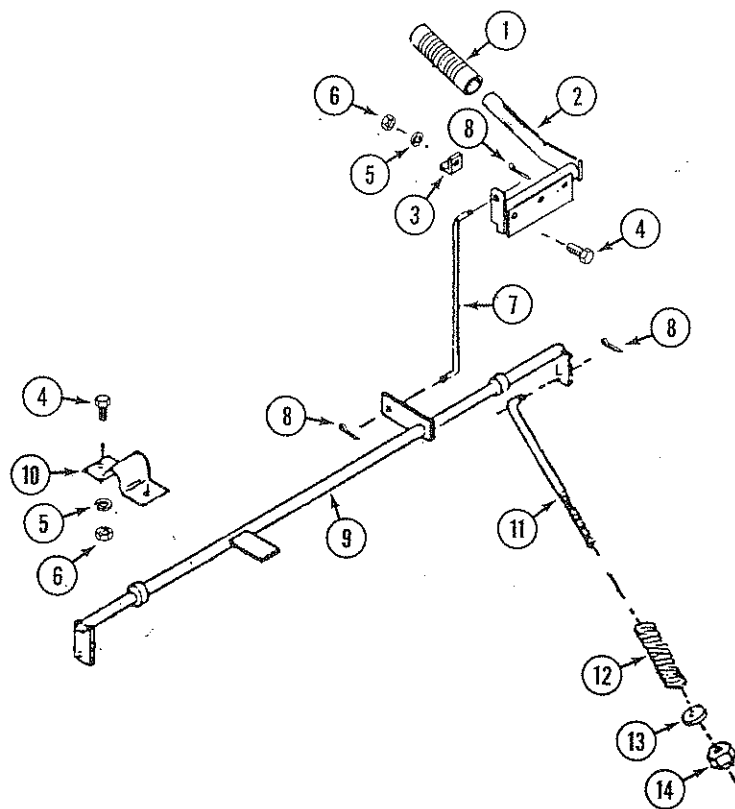
DUAL TAIL WHEEL (DW10)

1	C 37863	AXLE - dual wheel	1
2	NSS	FORK - tail wheel (use C45645 and 113-448)	2
3	C 37865	BRACKET - mounting	1
4	C 37866	TUBE - block	1
5	C 38230	PIVOT - axle	1
6	C 37915	AXLE - wheel	2
7	C 37869	WHEEL ASSEMBLY	2
	C 37872	BEARING - wheel	2
	C 37870	TIRE - 13 x 5.00 - 6	2
	C 37871	RIM -	2
8	C 37824	BEARING - 1"	6
9	C 37860	COLLAR - set 1"	4
10	113- 2419	BOLT - 1/2" - 13 x 6-1/2"	2
11	192- 23	LOCKWASHER - 1/2"	2
12	129- 105	NUT - 1/2" - 13	2
13	C 37756	SCREW - set 5/16" - 18 x 1/2" square head	4
	219- 20	FITTING - grease 1/4" - 28 self tap (castor pivot)	UAR
14	C 38055	BOLT - 1/2" - 13 x 8-1/2"	1
15	195- 106	WASHER - 1/2"	UAR
16	131- 70	NUT - 1/2" - 13 lock	1



DTW10 DUAL TAIL WHEEL

REF.	PART NO.	DESCRIPTION	REQ'D
1	219- 20	FITTING - lubrication 1/4" - 28	3
2	C 37824	BEARING - ball 1"	6
3	C 45610	AXLE - dual wheel	1
4	C 45645	FORK - wheel	2
5	C 45618	MOUNT - axle	1
6	C 45689	ROD - axle pivot	1
7	C 14919	WASHER - 1" x 1-3/4"	UAR
8	C 37004	WASHER - 1/2" x 1"	UAR
9	C 45841	WASHER - 1/2" x 1-3/8"	1
10	192- 23	LOCKWASHER - 1/2"	5
11	113- 417	BOLT - 1/2" - 13 x 1-1/4"	1
12	129- 105	NUT - 1/2" - 13	4
13	113- 412	BOLT - 1/2" - 13 x 1-3/4"	2
14	C 45708	MOUNT - axle, front extension	1
15	C 37860	COLLAR - set 1"	2
16	85- 58	SCREW - set 5/16" - 18 x 1/2" square head	1
17	C 37915	TUBE - axle	2
18	113- 448	BOLT - 1/2" - 13 x 7"	2
19	C 37869	WHEEL ASSEMBLY	2
	C 37872	BEARING - wheel	2
	C 37870	TIRE - 13 x 5.00 - 6	1
	C 37871	RIM	1
20	C 45711	BUSHING - tail wheel hub	2
21	113- 646	BOLT - 5/8" - 11 x 7-1/2"	UAR
21	113- 2606	BOLT - 5/8" - 11 x 11"	UAR
22	131- 356	NUT - 5/8" - 11	1
23	C 45746	PLATE - stiffener	2
24	113- 208	BOLT - 3/8" - 16 x 1-1/4"	2
25	131- 1352	NUT - 3/8" - 16 flange lock	2
26	195- 541	WASHER - 5/8" x 1-1/2"	1



PARKING BRAKE

(also see drive assembly)

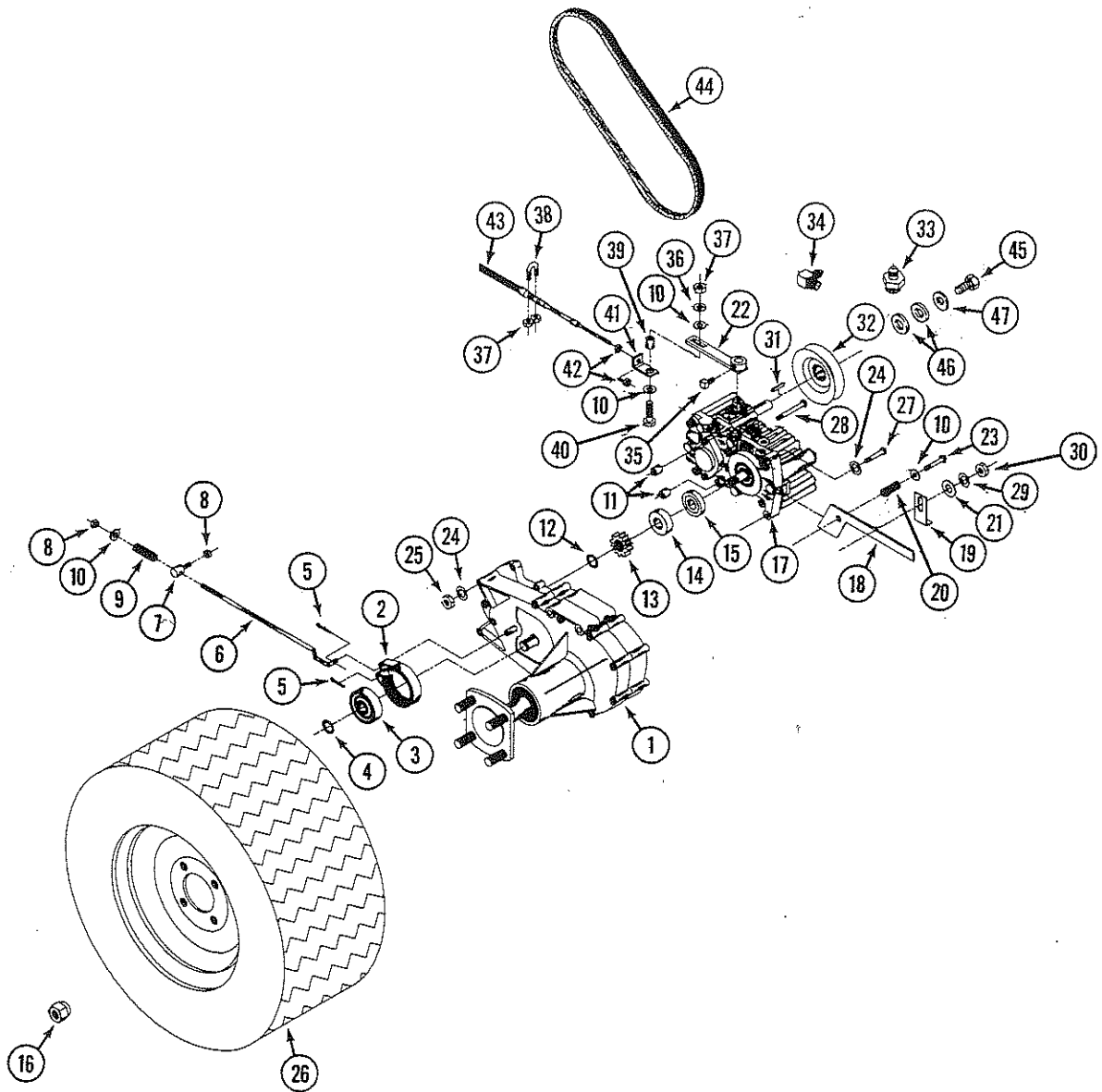
REF.	PART NO.	DESCRIPTION	REQ'D
1	C 37631	GRIP - handle	1
2	C 37604	HANDLE - brake	1
3	C 37630	BRACKET - stop (5018)	1
4	113- 3	BOLT - 1/4" - 20 x 3/4"	4
5	192- 19	LOCKWASHER - 1/4"	4
6	129- 101	NUT - 1/4" - 20	4
7	C 37606	ROD - brake (5012, 5016)	1
7	C 37822	ROD - brake (5018)	1
8	132- 332	PIN - cotter 3/32" x 1"	2
9	C 37985	ROD - cross, brake (5018 brake rod not replaceable) (5012, 5016)	1
10	C 37607	BEARING - cross rod (5012, 5016)	2
11	C 37986	ROD - caliper (5018 see drive assembly) (5012, 5016)	2
12	C 37987	SPRING - compression (5012, 5016) (5018 see drive assembly)	2
13	195- 102	WASHER 1/4"	2
14	131- 71	NUT - lock 1/4" - 20	2

PUMP DRIVE CROSS SHAFT

(5018)

1	C 37770	PULLEY - 4" OD x 3/4" ID (use 83-55 set screw)	3
2	C 29581	KEY - 3/16" x 3/16" x 1"	3
3	C 37773	BEARING - flanged (includes locking collar)	2
4	C 37774	MOUNT - bearing L.H.	1
5	C 37775	MOUNT - bearing R.H.	1
6	C 37776*	SPRING - extention	2
7	C 45777	SHAFT - cross	1
8	131- 911	NUT - 5/16" - 18 flange lock	4
9	111- 203	BOLT - 5/16" - 18 x 1" carriage	4
10	C 24342	BELT - drive (use PIN 14175410 and after) 36"	1
10	C 38406*	BELT - drive (use before PIN 14175410) 34"	1
11	C 45420	KIT - belt tension	1
12	C 45123	TURNBUCKLE	2
13	C 45146	SPACER	2
14	113- 209	BOLT - 3/8" - 16 x 1-1/2"	2
15	129- 103	NUT - 3/8" - 16	2
16	129- 175	NUT - 3/8" - 16 L.H. threads	2
17	131- 938	NUT - 3/8" - 16 flange lock	2
18	195- 2029	WASHER	2

*Prior to PIN 14175410 the use of C24342 belt can be recommended. It is a longer belt, permitting increased belt adjustment. Removal of two air fins on the body side is required to allow for the new belt path.



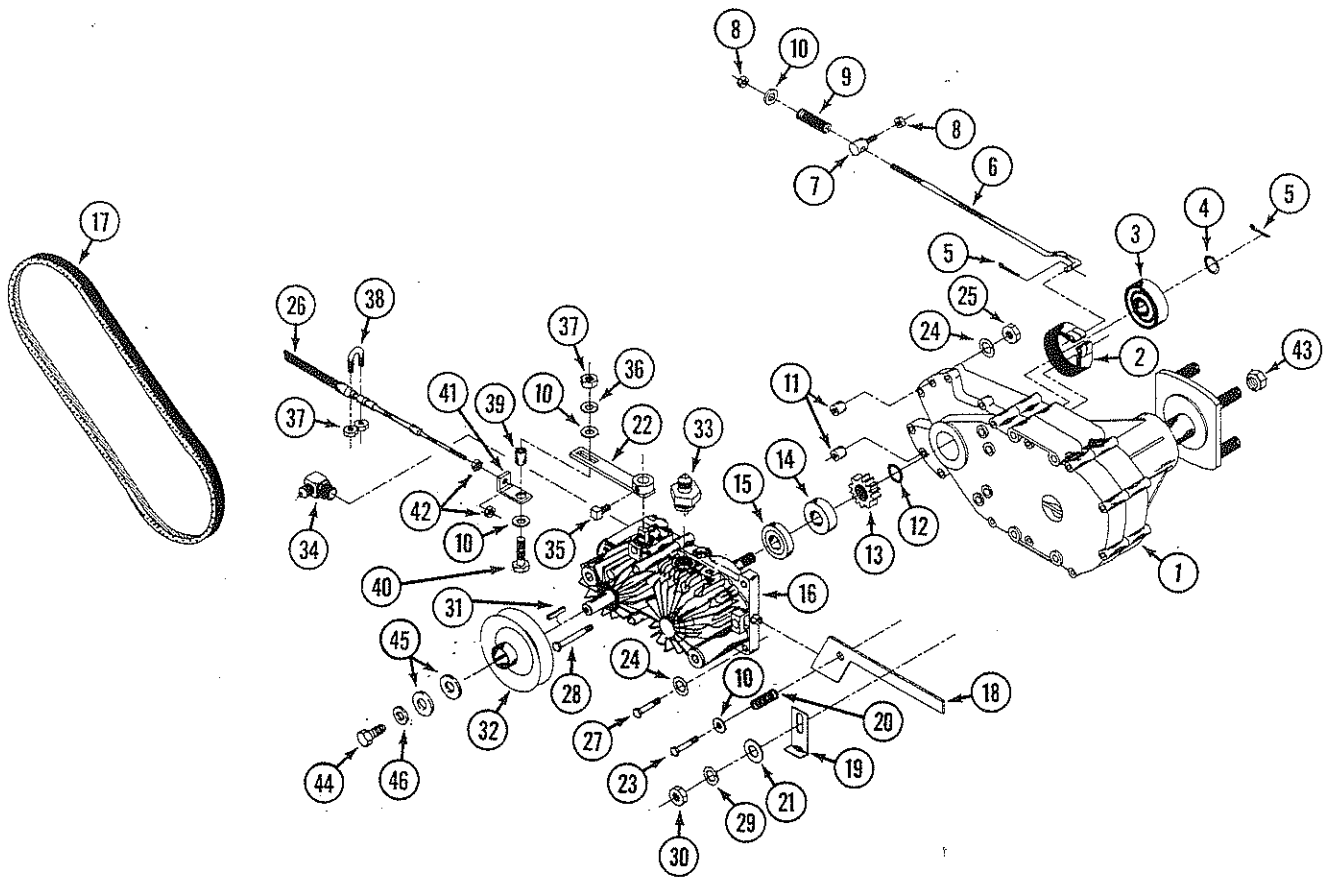
DRIVE ASSEMBLY R.H. (5018)

REF.	PART NO.	DESCRIPTION	REQ'D
1	C 37729	TRANSMISSION - ZT	1
2	C 37730	BAND - brake	1
3	C 37731	DRUM - brake	1
4	C 37732	RING - snap	1
5	132- 332	PIN - cotter 1/8" x 1"	2
6	C 37733	ROD - brake	1
7	C 37724	COLLAR - brake rod	1
8	131- 71	NUT - lock 1/4" - 20	2
9	C 37725	SPRING	1
10	195- 102	WASHER - 1/4"	5
11	C 37736	SPACER	2
12	C 37737	RING - snap	1
13	C 37738	GEAR	1
14	C 37739	BEARING	1
15	C 37740	SPACER	1
16	C 37657	NUT - lug 1/2" - 20	4
17	C 45399	PUMP - hydro R.H. (also use C45408 before S/N 14175499)	1
18	C 37742	LEVER - transmission dump (use before S/N 14175495) shown	1
19	C 37743	BRACKET - dump lever stop	1
20	C 37744	SPRING - compression	1
21	C 37745	WASHER - 3/8"	1
22	NSS	ARM - transmission (see page 37)	1
23	C 37747	BOLT - dump valve	1
24	192- 21	LOCKWASHER - 5/16"	4
25	129- 103	NUT - 5/16" - 18	2
26	C 37763	WHEEL ASSEMBLY	1
	C 37652	TIRE - 18 x 9.50 - 8	1
	C 37656	RIM - wheel	1
27	113- 120	BOLT - 5/16" - 18 x 1-3/4"	2
28	113- 134	BOLT - 5/16" - 18 x 7-1/2"	2
29	C 37591	LOCKWASHER - 3/8"	1
30	C 37592	NUT - 3/8" - 16	1
31	C 37752	KEY - 5 x 5 x 25 mm	1
32	NSS*	PULLEY - 4" OD x 15 mm ID (use C45272)	1
32	C 45272**	PULLEY - 4" OD x 15 mm ID (also use C32199 set screw)	1
33	C 37754	ADAPTER -	1
34	C 37755	ADAPTER - 90°	1
35	C 37756	SCREW - set 5/16" - 18 x 1/2" square head	1
36	C 37757	LOCKWASHER - 1/4"	1
37	131- 1102	NUT - 1/4" - 20	3
38	C 37616	CLAMP - cable	1
39	C 37615	BUSHING - cable	1
40	113- 4	BOLT - 1/4" - 20 x 1"	1
41	C 37614	BRACKET - cable end	1
42	193- 1000	NUT - lock #10 - 32	4
43	NSS	CABLE - steering 58" (see page 37)	1
44	C 37761	BELT - pump drive	1
45	C 45273	BOLT - M6 - 1.0 x 12m flange	2
46	195- 2063	WASHER - 5/8" x 1"	UAR
46	C 25178	WASHER - 5/8" x 1" x .020"	2
47	195- 520	WASHER - 5/16" x 7/8"	1
48	C 45166	LEVER - transmission dump R.H. (use S/N 14175495 and after)	1

NOTE: See page 39 for steering cable kit.

*use before S/N 14175513

**use S/N 14175513 and after

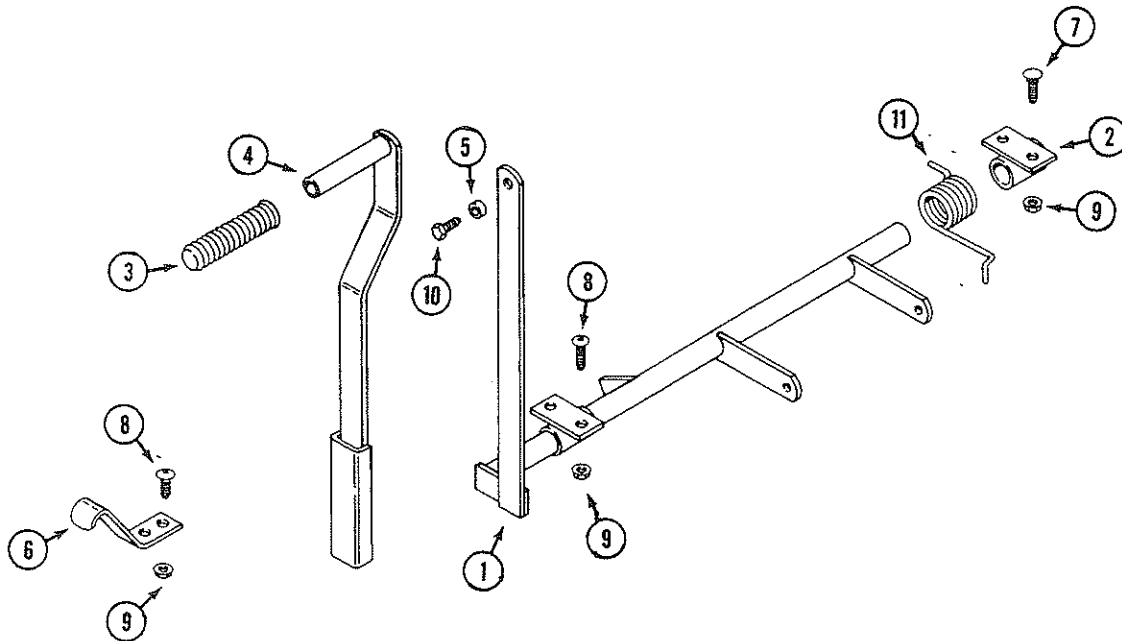
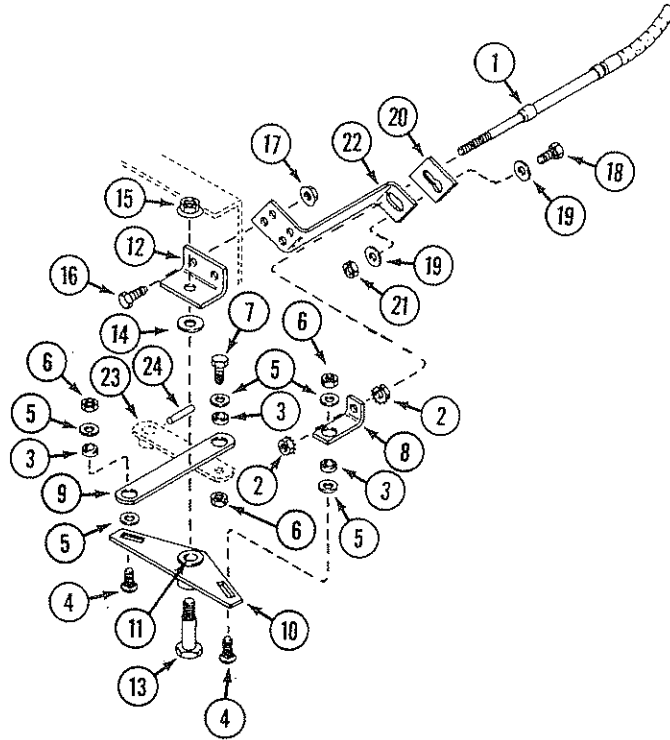


DRIVE ASSEMBLY L.H.

(5018)

REF.	PART NO.	DESCRIPTION	REQ'D
1	C 37729	TRANSMISSION - ZT	1
2	C 37730	BAND - brake	1
3	C 37731	DRUM - brake	1
4	C 37732	RING - snap	1
5	132- 332	PIN - cotter 1/8" x 1"	2
6	C 37733	ROD - brake	1
7	C 37724	COLLAR - rod	1
8	131- 71	NUT - lock 1/4" - 20	2
9	C 37725	SPRING	1
10	195- 102	WASHER - 1/4"	5
11	C 37736	SPACER	2
12	C 37737	RING - snap	1
13	C 37738	GEAR	1
14	C 37739	BEARING	1
15	C 37740	SPACER	1
16	C 45398	PUMP - hydro L.H. (also use C45408 before S/N 14175499)	1
17	C 37761	BELT - pump drive	1
18	C 37742	LEVER - transmission dump (use before S/N 14175495) shown	1
18	C 45165	LEVER - transmission dump (use S/N 14175495 and after)	1
19	C 37743	BRACKET - dump lever stop	1
20	C 37744	SPRING - compression	1
21	C 37765	WASHER - 3/8"	1
22	NSS	ARM - transmission (see page 37)	1
23	C 37748	BOLT - dump lever	1
24	192- 21	LOCKWASHER - 5/16"	4
25	129- 103	NUT - 5/16" - 18	2
26	NSS	CABLE - steering 58" (see page 37) <i>Page 38</i>	1
27	113- 120	BOLT - 5/16" - 18 x 1-3/4"	2
28	C 37751	BOLT - 5/16" - 18 x 7-1/2"	2
29	C 37591	LOCKWASHER - 3/8"	1
30	C 37592	NUT - 3/8" - 16	1
31	C 37752	KEY - 5 x 5 x 25 mm	1
32	NSS*	PULLEY - 4" OD x 15 mm ID (use C45272)	1
32	C 45272	PULLEY - 4" OD x 15 mm ID (also use C322199 set screw)	1
33	C 37754	FITTING - male adapter	1
34	C 37755	FITTING - male adaptor 90°	1
35	C 37756	SCREW - set 5/16" - 18 x 1/2" square head	1
36	C 37757	LOCKWASHER - 1/4"	1
37	131- 1102	NUT - 1/4" - 20	3
38	C 37616	CLAMP - cable	1
39	C 37615	BUSHING - cable	1
40	113- 4	BOLT - 1/4" - 20 x 1"	1
41	C 37614	BRACKET - cable end	1
42	193- 1000	NUT - lock #10 - 32	4
	C 37763	WHEEL ASSEMBLY - not shown	1
	C 37652	TIRE - 18 x 9.50-8	1
	C 37656	RIM - wheel	1
43	C 37657	NUT - lug 1/2" - 20	4
44	C 45273	BOLT - M6 - 1.0 x 12 mm flange	1
45	195- 2063	WASHER - 5/8" x 1"	UAR
46	195- 520	WASHER - 5/16" x 7/8"	1

NOTE: See page 37 for steering cable kit.



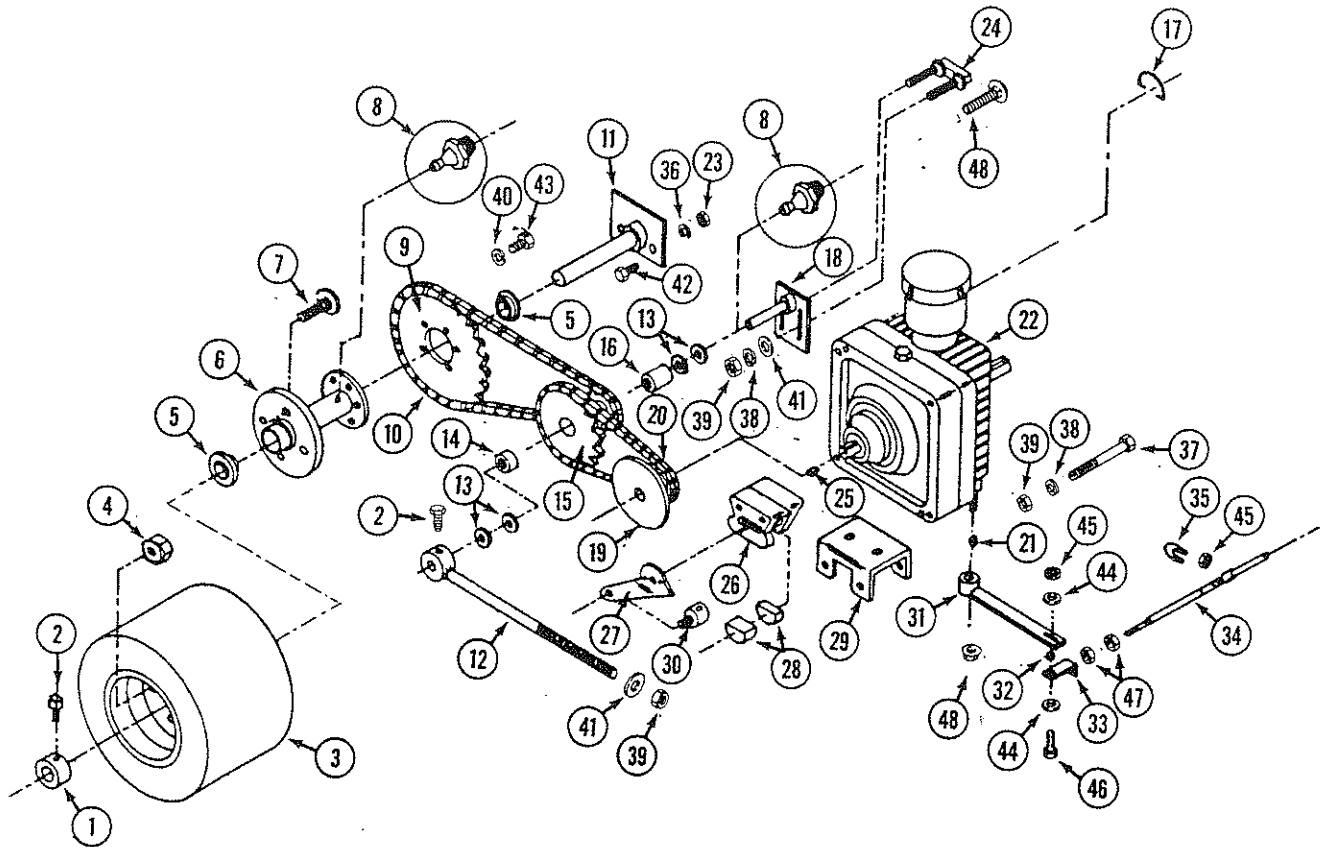
C43293 STEERING CABLE KIT

(includes cables and hardware for both sides)

REF.	PART NO.	DESCRIPTION	REQ'D
1	C 42894	CABLE - steering 46"	2
2	C 37598	NUT - #10 - 32	8
3	C 42895	BUSHING - steering cable	8
4	111- 111	BOLT - 1/4" - 20 x 1" carriage	4
5	195- 102	WASHER - 1/4"	10
6	131- 71	NUT - 1/4" - 20	6
7	113- 4	BOLT - 1/4" - 20 x 1"	2
8	C 42896	BRACKET - steering cable end	4
9	C 42897	LINK - control cable	2
10	C 42898	BELLCRANK	2
11	C 16714	BUSHING	1
12	C 42901	BRACKET - bellicrank mounting	2
13	C 16745	BOLT - shoulder	2
14	195- 533	WASHER - 1/2"	2
15	131- 1352	NUT - 3/8" - 16 flange lock	2
16	113- 103	BOLT - 5/16" - 18 x 1"	4
17	131- 911	NUT - 5/16" - 18	4
18	113- 4	BOLT - 1/4" - 20 x 1"	2
19	195- 102	WASHER - 1/4"	4
20	C 42903	PLATE - cable mounting	2
21	131- 71	NUT - 1/4" - 20 lock	2
22	C 42902	BRACKET - cable mounting	2
23	C 42904	ARM - transmission	2
24	C 34173	PIN - spring	2

LIFT LEVER**5016 - S/N 14178249 and after****5018 - S/N 14175540 and after**

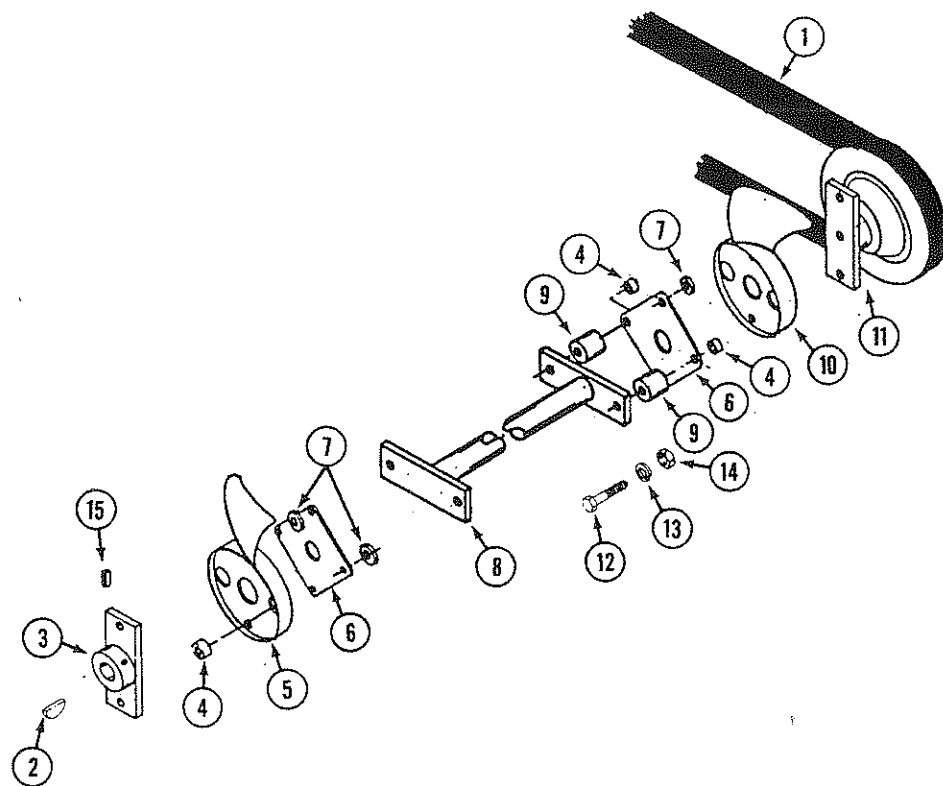
1	C 44942	LEVER - lift	1
2	C 44948	PIVOT - lift	1
3	C 37631	GRIP - handle	1
4	C 44949	EXTENSION - lift lever, upper	1
5	C 42895	BUSHING	1
6	C 44952	BRACKET - lever lock down	1
7	111- 132	BOLT - carriage 5/16" - 18 x 3/4"	4
8	C 42056	SCREW - 5/16" - 18 x 5/8" allen head	2
8	C 44959	SCREW - 5/16" - 18 x 3/4"	4
9	131- 911	NUT - 5/16" - 18 flange lock	8
10	113- 1	BOLT - 1/4" - 20 x 1/2"	1
11	C 45120	SPRING - torsion	1



TRANSMISSION AND DRIVE CHAINS

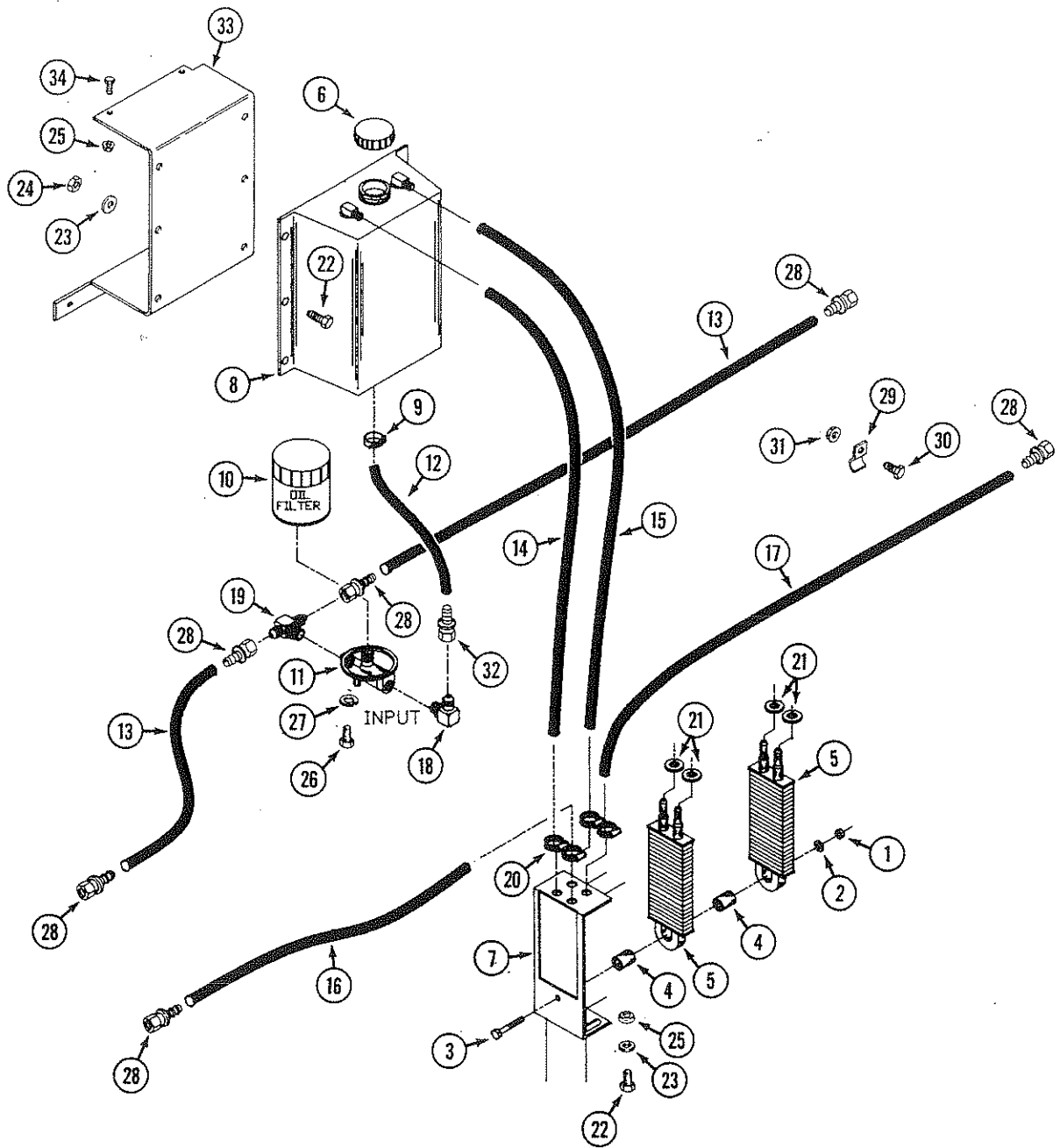
(5012, 5016)

REF.	PART NO.	DESCRIPTION	REQ'D
1	C 37860	COLLAR - set 1"	2
2	C 37756	SCREW - set 5/16" - 18 x 1/2" square head	2
3	C 37988	WHEEL ASSEMBLY - drive	2
	C 37989	TIRE - 16 x 7.50 - 8	1
	C 37990	RIM - wheel	1
4	C 37657	NUT - lug 1/2" - 20	8
	C 37992	HUB ASSEMBLY (5012)	2
5	C 37824	BEARING - wheel	2
6	C 37991	HUB - wheel (5012)	1
6	C 38993	HUB - wheel (5016)	2
7	C 37661	BOLT - lug 1/2" - 20 x 1-1/4"	4
8	C 37993	FITTING - grease 1/4" - 28 self tapping	1
9	C 37994	SPROCKET - final drive	1
10	C 37996	CHAIN - final drive (5012)	2
10	C 44081	CHAIN - final drive, No. 40 (5016)	2
	C 28983	LINK - offset (5016)	1
	C 28982	LINK - connecting (5016)	1
11	C 37997	AXLE - drive wheel (5012)	2
11	C 38859	AXLE - drive wheel (5016)	2
12	C 37998	COLLAR - support	2
13	C 37999	WASHER - 3/4" 10 ga.	8
14	C 38000	BEARING - idler sprocket 1/2"	2
15	C 38002	SPROCKET - idler (includes bearings)	1
16	C 38003	BEARING - idler sprocket 3/4"	2
17	C 38004	CLIP - transmission dump valve	2
18	C 38005	SHAFT - idler sprocket	2
19	C 38006	SPROCKET - transmission (includes brake disc)	2
20	C 38007	CHAIN - primary drive (5012)	2
20	C 44083	CHAIN - primary drive No. 40 (5016)	2
	C 28982	LINK - connecting (5016)	1
21	C 37665	KEY - 1/8" x 3/8" Woodruff	2
22	C 38008	TRANSMISSION L.H. (shown) (CW)	1
22	C 38009	TRANSMISSION - R.H. (CCW)	1
	C 38010	DIAPHRAGM - transmission	1
	C 38011	KIT - seal	1
	C 38012	KIT - reservoir, transmission	1
23	129- 105	NUT - 1/2" - 13	4
24	C 38013	BAR - bolt	2
25	C 37664	KEY - woodruff 1/8" x 1/2"	2
	C 37626	BRAKE ASSEMBLY - L.H.	1
	C 37625	BRAKE ASSEMBLY - R.H.	1
26	C 37727	CALIPER - brake	1
27	C 38016	LEVER - caliper L.H.	1
27	C 38017	LEVER - caliper R.H.	1
28	C 37627	PAD - brake (set)	1
29	C 38018	BRACKET - caliper	1
30	C 37724	COLLAR - caliper rod	1
31	C 37698	ARM - transmission L.H.	1
31	C 37699	ARM - transmission R.H.	1
32	C 42895	BUSHING - cable end (5012 - also use C42896)	2
33	C 42896	END - steering cable (5012 - also use C42895)	2
34	C 37705	CABLE - steering	2
35	C 37616	CLAMP - steering cable	2
36	192- 23	LOCKWASHER - 1/2"	4
37	113- 241	BOLT - 3/8" - 16 x 3"	8
38	192- 21	LOCKWASHER - 3/8"	6
39	129- 103	NUT - 3/8" - 16	6
40	192- 20	LOCKWASHER - 5/16"	5
41	195- 104	WASHER - 3/8"	4
42	113- 410	BOLT - 1/2" - 13 x 1-1/2"	4
43	113- 103	BOLT - 5/16" 18 x 1"	5
44	195- 520	WASHER - 1/4"	4
45	131- 71	NUT - 1/4" - 20 lock	6
46	113- 4	BOLT - 1/4" - 20 x 1"	2
47	193- 1000	NUT - #10 - 32 lock	4
48	111- 366	BOLT - carriage 3/8" - 16 x 1-1/4"	4
49	131- 1352	NUT - 3/8" - 16 flange lock	2



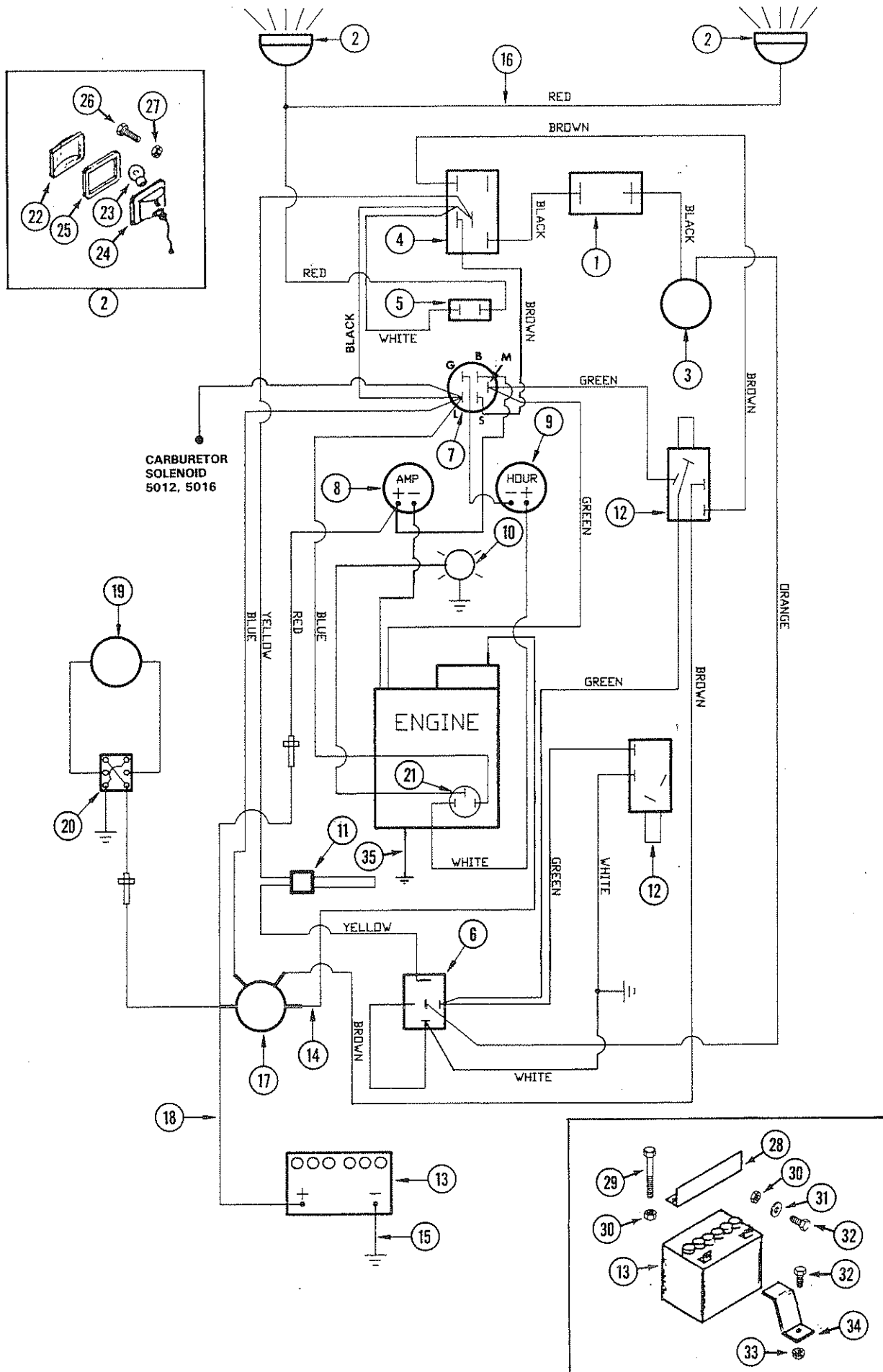
CROSS SHAFT (TRANSMISSION)
(5012, 5016)

REF.	PART NO.	DESCRIPTION	REQ'D
1	C 37995	BELT - transmission drive	1
2	C 37664	KEY - woodruff 1/8" x 1/2"	2
3	C 37694	HUB - drive plate	1
4	C 37702	SPACER - bolt	4
5	C 38014	FAN - CCW	1
6	C 37700	PLATE - drive	2
7	C 37704	WASHER - 1/4" 10 ga	6
8	C 38015	SHAFT - cross	1
9	C 37703	SPACER	2
10	C 38019	FAN - CW	1
11	C 37695	PULLEY - drive (includes drive plate)	1
12	113- 110	BOLT - 5/16" - 18 x 2-1/4"	UAR
12	113- 104	BOLT - 5/16" - 18 x 1-1/4"	UAR
12	113- 103	BOLT - 5/16" - 18 x 1"	UAR
13	192- 20	LOCKWASHER - 5/16"	8
14	129- 102	NUT - 5/16" - 18	8
15	84- 45	SCREW - set 1/4" - 28 x 3/8"	2



HYDRAULIC SYSTEM (5018)

REF.	PART NO.	DESCRIPTION	REQ'D
1	131- 69	NUT - lock 5/16"	1
2	195- 103	WASHER - 5/16"	1
3	113- 119	BOLT - 5/16" - 18 x 2-3/4"	1
4	C 45495	BUSHING - rubber	2
5	C 37769	COOLER - oil	2
6	C 37639	CAP - oil tank	1
7	C 37772	MOUNT - oil cooler	1
8	C 37778	TANK - oil	1
9	214- 254	CLAMP - hose 5/8"	2
10	C 37637	FILTER - oil	1
11	C 37636	HEAD - oil filter	1
12	C 42785	HOSE - 5/8" x 11" (12" cut to length)	1
13	C 42784	HOSE - hydraulic 3/8" x 13" (48" cut to length)	1
14	C 42784	HOSE - hydraulic 3/8" x 25" (48" cut to length)	1
15	C 42784	HOSE - hydraulic 3/8" x 27" (48" cut to length)	1
16	C 42784	HOSE - hydraulic 3/8" x 38" (48" cut to length)	1
17	C 42784	HOSE - hydraulic 3/8" x 24" (48" cut to length)	1
18	C 37642	FITTING - male 90° adapter	1
19	C 37785	FITTING - male tee adapter	1
20	214- 274	CLAMP - hose 3/8"	4
21	C 37787	GROMMET - 1/2" ID x 1" OD	4
22	113- 3	BOLT - 1/4" - 20 x 3/4"	6
23	195- 102	WASHER - 1/4"	8
24	131- 1102	NUT - 1/4" - 20 lock	4
25	131- 934	NUT - 1/4" - 20 flange lock	2
26	C 41931	BOLT - 1/4" - 20 x 3/4" self-tap	2
27	192- 19	LOCKWASHER - 1/4"	2
28	C 41986	FITTING - 3/8" hose barb x 3/8" FM JIC	6
29	C 32455	CLIP - "J"	1
30	113- 102	BOLT - 5/16" x 18 x 3/4"	1
31	131- 911	NUT - 5/16" - 18 flange lock	1
32	C 41978	FITTING - 5/8" hose barb x 1/2" FM JIC	1
33	C 37807	MOUNT - oil tank	1
34	113- 3	BOLT - 1/4" - 20 x 1/2"	4

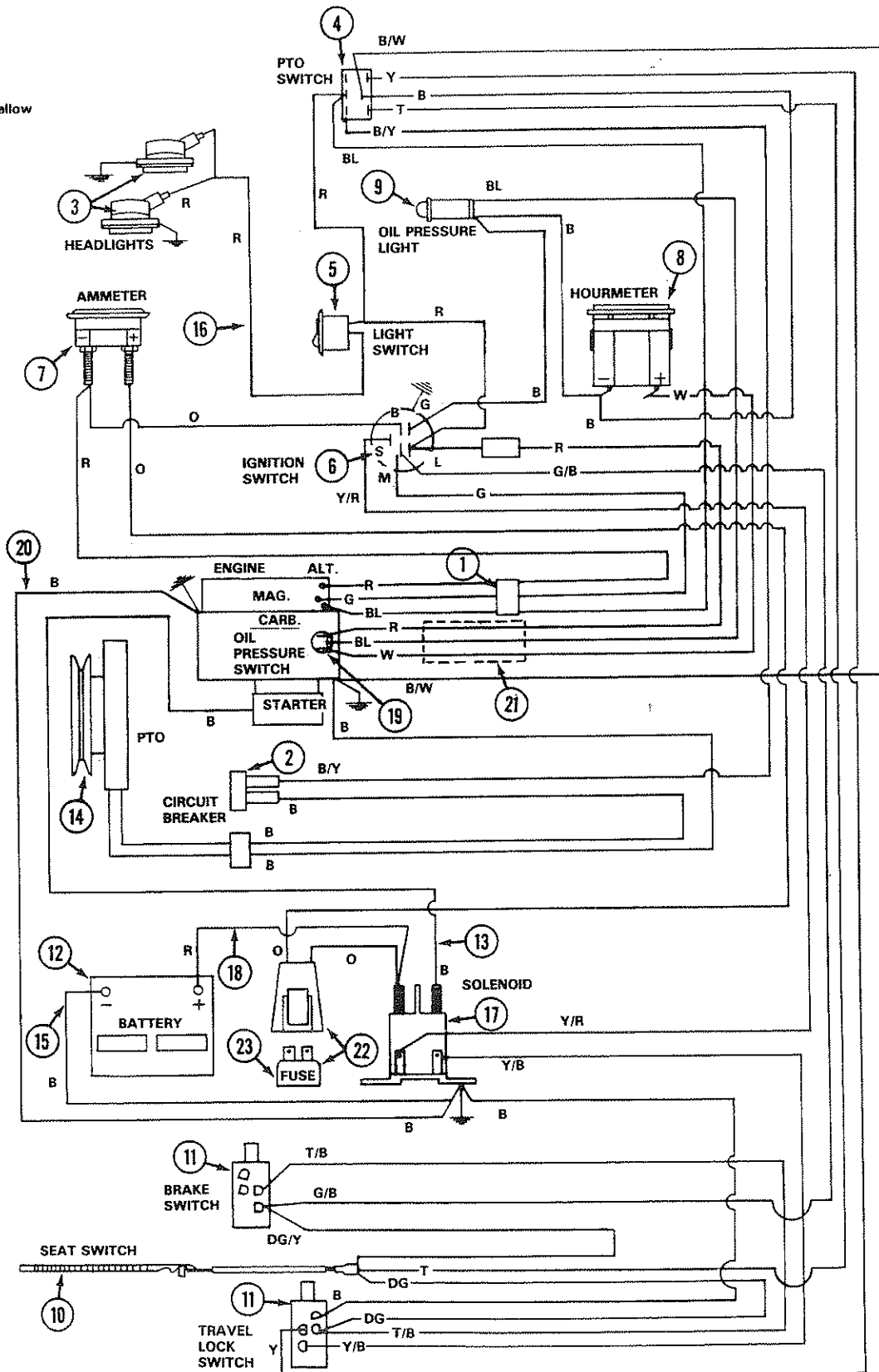


WIRING DIAGRAM
5012 - All
5016, 5018 - before S/N 14175541

REF.	PART NO.	DESCRIPTION	REQ'D
	C 42241	HARNESS - wire	1
1	C 37505	BREAKER - circuit, 10 amp	1
2	NSS	HEADLIGHT - (use C32178 and C44075)	2
3	C 37511	CLUTCH - PTO, electric	1
4	C 31937	SWITCH - PTO (also see nut and cap below)	1
	C 44469	NUT - 1/2" - 27 (PTO switch)	2
	C 31619	CAP - PTO switch	1
5	C 37514	SWITCH - headlight	1
6	C 37515	RELAY	1
	113- 3	BOLT - 1/4" - 20 x 3/4" (relay mounting)	1
	192- 19	LOCKWASHER - 1/4" (relay mounting)	1
	121- 101	NUT - 1/4" - 20 (relay mounting)	1
7	C 24145	SWITCH - ignition	1
	193- 63	WASHER - 5/8" lock (ignition switch)	1
	C 32396	NUT - 5/8" - 32 (ignition switch)	1
	C 32407	KEY - ignition (ignition switch)	2
	C 32397	CAP - nut (ignition switch)	1
8	C 37517	AMMETER	1
9	C 37518	METER - hour	1
10	C 37519	LIGHT - oil	1
11	C 37520	SWITCH - seat	1
12	C 37521	SWITCH - safety (enlarge mounting hole if required)	2
13	C 41010	BATTERY - 12 volt	1
14	C 37523	WIRE - starter	2
15	C 37528	CABLE - ground	1
16	C 37525	WIRE - headlight (with female terminals) early production	1
16	C 44075	WIRE - headlight (with 2 male spade terminals)	1
17	C 37526	SOLENOID - starting	1
	113- 3	BOLT - 1/4" - 20 x 3/4" (solenoid and relay mounting)	2
	192- 19	LOCKWASHER - 1/4" (solenoid and relay mounting)	2
	129- 101	NUT - 1/4" - 20 (solenoid and relay mounting)	2
	192- 20	LOCKWASHER - 5/16" (solenoid studs)	2
	129- 102	NUT - 5/16" - 18 (solenoid studs)	2
	192- 18	LOCKWASHER - 3/16" (solenoid studs)	2
	129- 37	NUT - #10 - 32 (solenoid studs)	1
	129- 6	NUT - #8 - 32 (solenoid studs)	1
18	C 37523	WIRE - battery positive to solenoid	1
19	C 37529	ACTUATOR - electric lift (model EDL) (for model BEPL see page 49)	1
20	C 37530	SWITCH - deck lift (model EDL) (for model BEPL see page 49)	1
21	C 37531	SWITCH - oil light	1
22	C 37507	LENS - headlight	2
23	C 37508	BULB - headlight	2
24	C 37509	RECEPTICAL - headlight	2
25	C 37510	GASKET - headlight	2
26	113- 4	BOLT - 1/4" - 20 x 1"	2
27	129- 101	NUT - 1/4" - 20	2
28	C 37983	BRACKET - battery hold down	1
29	C 38677	BOLT - 1/4" - 20 x 7"	2
30	131- 71	NUT - 1/4" - 20 lock	4
31	195- 102	WASHER - 1/4"	3
32	113- 3	BOLT - 1/4" - 20 x 3/4"	3
33	131- 934	NUT - 1/4" - 20 flange lock	1
34	NSS	PROTECTOR - battery post (use C24069 rubber boot)	1
35	C 41643	WIRE - ground	1

WIRE COLOR CODE

DG	- Dark Green
T/B	- Tan/Black
B	- Black
Y/B	- Yellow/Black
Y	- Yellow
T	- Tan
DG/Y	- Dark Green/Yellow
O	- Orange
Y/R	- Yellow/Red
B/W	- Black/White
BL	- Blue
B/Y	- Black/Yellow
G/B	- Green/Black
R	- Red
G	- Green
W	- White



ELECTRICAL SYSTEM

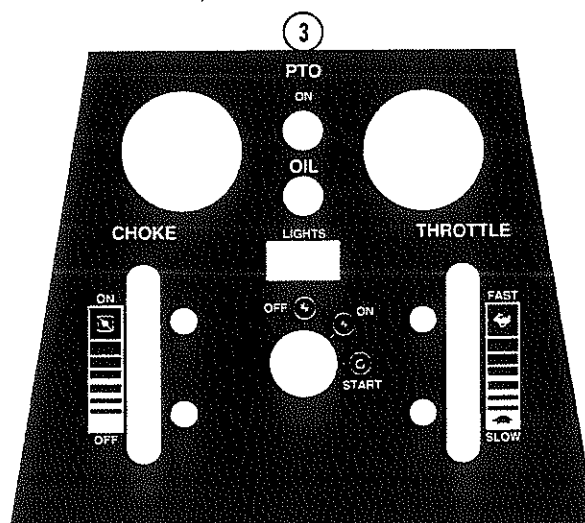
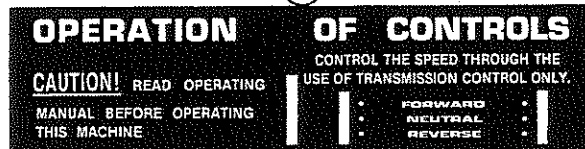
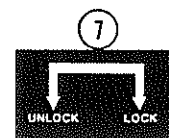
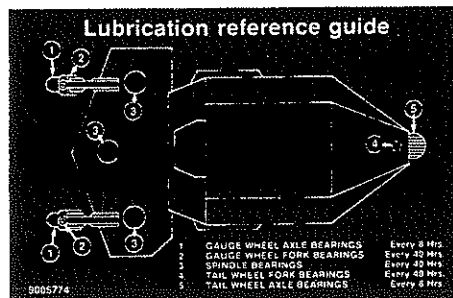
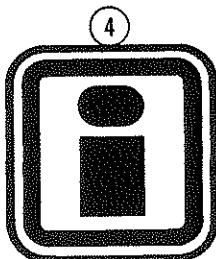
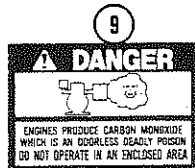
5016, 5018 - S/N 14175541 AND AFTER

REF.	PART NO.	DESCRIPTION	REQ'D
	C 45535	HARNESS - wire, main	1
1	C 45539	HARNESS - wire, alternator and magneto	1
2	C 37505	BREAKER - circuit, 10 amp	1
3	C 32178	HEADLIGHT	2
	C 22573	LENS - headlight	1
	C 37508	BULB - headlight	1
	C 37509	RECEPTICAL	1
	C 14304	GASKET - headlight	1
4	C 31937	SWITCH - PTO (also use C31619 Cap)	1
	C 44469	NUT - 1/2" - 27 (Black) PTO switch retaining	2
5	C 43044	SWITCH - headlight	1
6	C 30267	SWITCH - ignition	1
	C 32407	KEY - ignition	1
	C 32397	CAP - nut, ignition switch	1
	193- 63	LOCKWASHER - 5/8"	1
	C 32396	NUT - 5/8" - 32 ignition switch	1
7	C 29413	AMMETER	1
8	C 42929	METER - hour	1
9	C 45536	LIGHT - oil	1
10	C 45537	SWITCH - seat	1
11	C 37521	SWITCH - safety	2
	182- 525	SCREW - #10 - 32 x 3/8" (safety switch mount)	1
	192- 18	LOCKWASHER - 3/16" (safety switch mount)	1
	193- 1000	NUT - #10 - 32 Lock (safety switch mount)	2
	182- 528	SCREW - #10 - 32 x 1/2" (safety switch mount)	2
12	C 41010	BATTERY - 12 volt	1
13	C 44261	WIRE - starter	1
14	C 37511	CLUTCH - PTO	1
15	C 37528	CABLE - ground	1
16	C 44075	WIRE - headlight	1
17	C 33024	SOLENOID - start	1
	113- 3	BOLT - 1/4" - 20 x 3/4" (solenoid mounting)	2
	131- 934	NUT - 1/4" - 20 (solenoid mounting)	2
	192- 19	LOCKWASHER - 1/4" (solenoid studs)	2
	129- 101	NUT - 1/4" - 20 (solenoid studs)	2
18	C 37523	CABLE - battery positive to solenoid	1
19	C 37531	SWITCH - oil light	1
20	C 41643	WIRE - ground	1
21	C 42240	HARNESS - oil pressure switch	1
22	C 31947	KIT - fuse holder	1
23	C 30260	FUSE - 30 amp	1

5018

5012

INGERSOLL



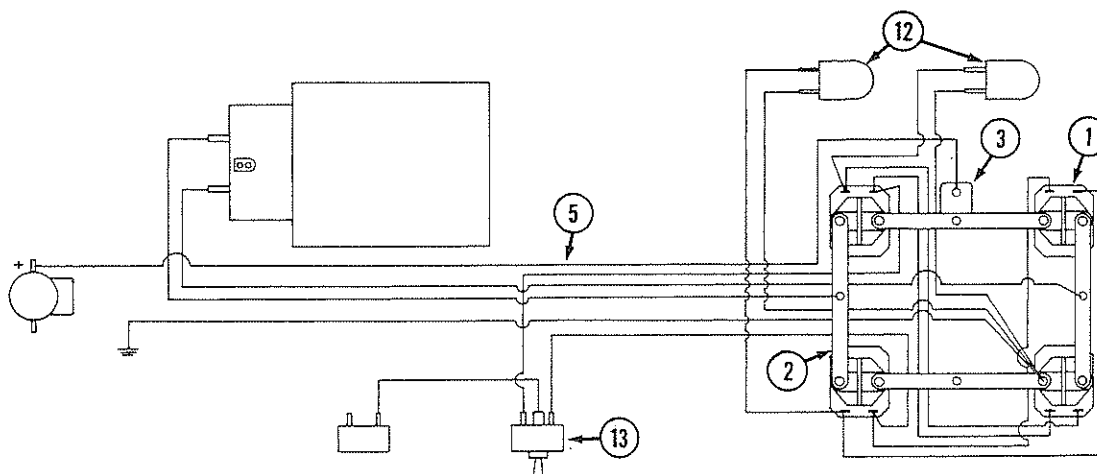
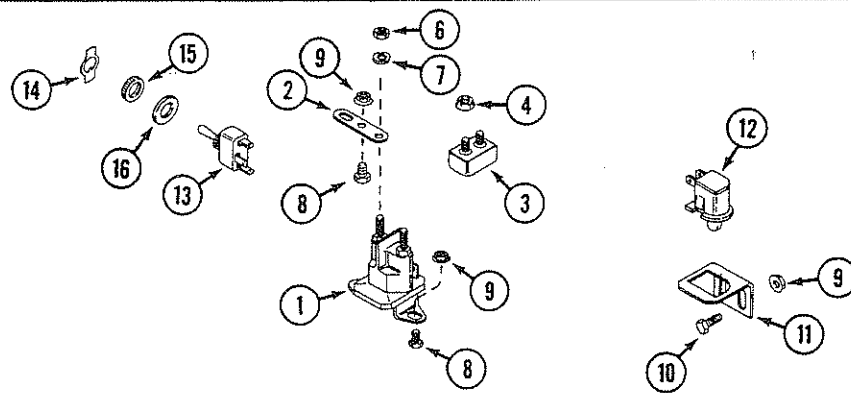
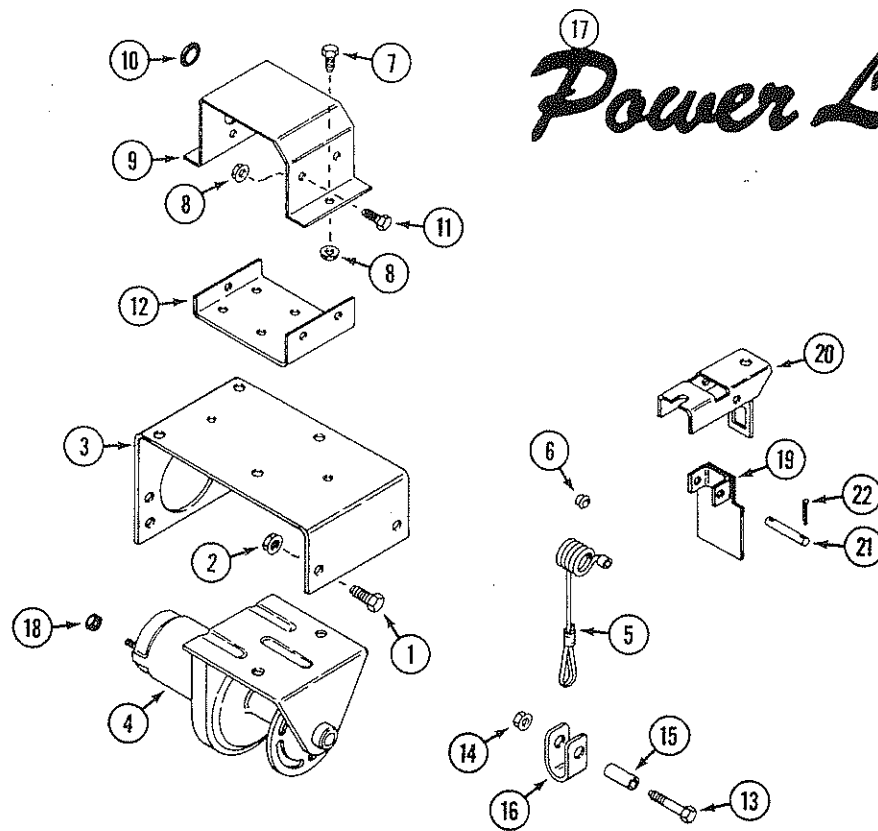
5016

MODEL 5012, 5016 AND 5018 FRONT CUT MOWERS

DECALS

REF.	PART NO.	DESCRIPTION	REQ'D
1	C 39527	DECAL - front side R.H. (shown)	1
1	C 39528	DECAL - front side L.H.	1
2	C 39529	DECAL - rear side L.H. (5018)	1
2	C 39531	DECAL - rear side R.H. (shown) (5018)	1
3	C 40954	DECAL - instrument panel	1
4	C 37464	MEDALLION - "Ingersoll"	1
5	C 37495	DECAL - operation	1
6	C 37496	DECAL - caution interlock	1
7	C 37502	DECAL - unlock/lock	1
8	C 37498	DECAL - run/park	1
9	C 37500	DECAL - danger carbon monoxide	1
10	C 38807	DECAL - lubrication (5018)	1
11	C 37504	DECAL - clean cooler (5018)	1
12	C 39532	DECAL - rear side L.H. (5012)	1
12	C 39530	DECAL - rear side R.H. (shown) (5012)	1
13	C 43404	DECAL - rear side L.H. (5016)	1
13	C 43405	DECAL - rear side R.H. (5016) shown	1

Power Lift

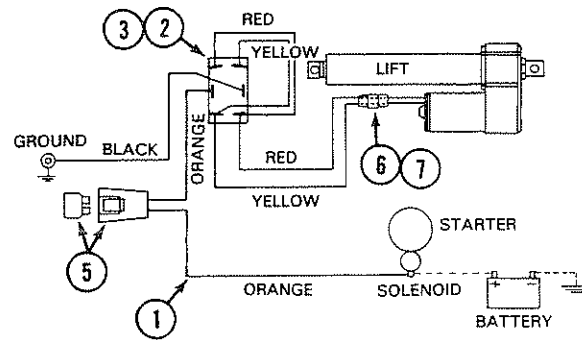
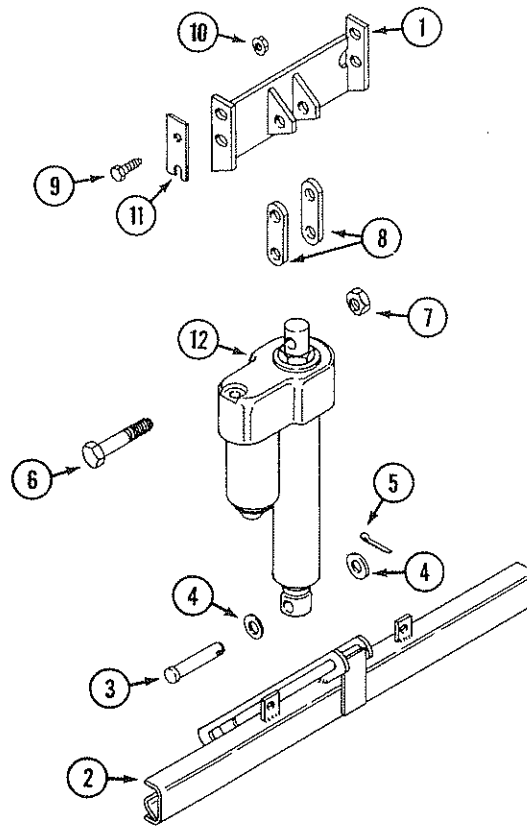


WINCH

REF.	PART NO.	DESCRIPTION	REQ'D
1	113- 207	BOLT - 3/8" - 16 x 1"	6
1	C 44489	SCREW - 3/8" - 16 x 1" socket head	2
2	131- 938	NUT - 3/8" - 16 flange lock	8
3	C 43967	MOUNT - winch	1
4	C 43958	WINCH - deck lift	1
5	C 43375	CABLE	1
6	C 43992	PIN - cable keeper	1
7	113- 3	BOLT - 1/4" - 20 x 3/4"	2
8	131- 934	NUT - 1/4" - 20 flange lock	5
9	C 43962	COVER - solenoid	1
10	C 43964	GROMMET - 1" x 7/8"	1
11	113- 1	BOLT - 1/4" - 20 x 1/2"	3
12	C 43963	MOUNT - solenoid	1
13	113- 219	BOLT - 3/8" - 16 x 2"	1
14	131- 1352	NUT - 3/8" - 16 lock	1
15	C 43961	SPACER	1
16	C 43960	STRAP - lift	1
17	C 43412	DECAL - "Power Lift"	1
18	193- 1000	NUT - #10 - 32	2
19	C 44361	ARM - trip	1
20	C 44364	MOUNT - trip arm	1
21	C 44367	PIN - pivot	1
22	132- 6	PIN - cotter 1/16" x 5/8"	2

ELECTRICAL ASSEMBLY

1	C 33024	SOLENOID - 12V	4
2	C 43966	STRAP	4
3	C 43983	BREAKER - 40 amp, 12V	1
4	193- 1000	NUT - #10 - 32	2
5	C 43969	HARNESS - wire	1
6	129- 101	NUT - 1/4" - 20	8
7	192- 19	LOCKWASHER - 1/4"	8
8	113- 1	BOLT - 1/4" - 20 x 1/2"	8
9	131- 934	NUT - 1/4" - 20 flange	10
10	113- 3	BOLT - 1/4" - 20 x 3/4"	2
11	C 43965	BRACKET - switch	2
12	C 33744	SWITCH - limit	2
13	C 43985	SWITCH - lift	1
14	NSS	PLATE - switch identification (early production)	1
14	C 44495	DECAL - switch identification (current production)	1
15	C 44471	NUT - 15/32" - 32, switch	1
16	195- 529	WASHER - 1/2"	1



MODEL 5012, 5016 AND 5018 FRONT CUT MOWERS

ELECTRIC DECK LIFT

CYLINDER STYLE

REF.	PART NO.	DESCRIPTION	REQ'D
1	C 45697	MOUNT - cylinder	1
2	C 45700	BAR - cross	1
3	C 29804	PIN - clevis 1/2" x 2-1/2"	1
4	195-2067	WASHER - 1/2"	2
5	132- 320	PIN - cotter 3/32" x 3/4"	1
6	113- 426	BOLT - 1/2" - 13 x 2-3/4"	2
7	131-1182	NUT - 1/2" - 13 lock	2
8	C 45768	LINK - spacer	UAR
9	113- 103	BOLT - 5/16" - 18 x 1"	4
10	131- 911	NUT - 5/16" - 18 flange lock	4
11	C 45766	SHIM - cylinder mount	UAR
12	C 45706	CYLINDER - lift	1

ELECTRICAL SYSTEM (DECK LIFT)

CYLINDE STYLE

1	C 45705	HARNESS - wire	1
2	C 45775	SWITCH	1
3	C 45780	NUT - 15/32" - 32 with boot (switch mounting)	1
4	C 44495	DECAL - lift switch	1
5	C 30261	HOLDER - fuse	1
5	C 30260	FUSE - 30 amp	1
6	C 24813	CONNECTOR - wire harness	1
7	C 31948	CONNECTOR - lift actuator	1

NUMERICAL INDEX

PART NO.	PAGE NO.	REF. NO.	PART NO.	PAGE NO.	REF. NO.	PART NO.	PAGE NO.	REF. NO.
C10678	7	19	C37508	45	23	C37592	33	30
C10678	21	12	C37509	45	24	C37592	35	30
C15672	23	22	C37510	45	25	C37595	23	21
C16714	37	11	C37511	21	1	C37597	23	23
C16745	37	13	C37511	45	3	C37598	25	11
C18099	9	12	C37514	45	5	C37598	37	2
C18099	17	3	C37515	45	6	C37603	23	9
C22947	27		C37517	45	8	C37604	31	2
C24145	45	7	C37518	45	9	C37606	31	7
C24884	11	3	C37519	45	10	C37607	31	10
C25165	25	23	C37520	27	11	C37614	33	41
C26703	7	1	C37520	45	11	C37614	35	41
C27274	9	15	C37521	23	24	C37615	33	39
C28683	19	7	C37521	27	17	C37615	35	39
C28692	19	1	C37523	45	12	C37616	27	20
C28982	39		C37523	45	14	C37616	33	38
C28982	39		C37523	45	18	C37616	35	38
C28983	39		C37525	45	16	C37616	39	35
C29581	31	2	C37526	45	17	C37625	39	
C31614	21	11	C37528	45	15	C37626	39	
C31615	21	8	C37529	45	19	C37627	39	28
C31619	45		C37530	45	20	C37630	31	3
C31937	45	4	C37531	5	12	C37631	25	39
C32396	45		C37531	5	12	C37631	27	18
C32397	45		C37531	45	21	C37631	31	1
C32407	45		C37533	5	2	C37636	43	11
C32455	21	15	C37536	5	6	C37637	43	10
C32455	27	10	C37537	5	7	C37639	43	6
C32455	43	29	C37538	5	8	C37642	43	18
C32861	9	2	C37538	5	8	C37652	33	
C32862	7	1	C37539	5	9	C37652	35	
C32865	7	3	C37540	5	10	C37656	33	
C32866	7	4	C37540	5	10	C37656	35	
C32869	7	6	C37541	5	11	C37657	33	16
C32871	7	8	C37543	5	14	C37657	35	
C32871	7	10	C37544	5	15	C37657	39	4
C32872	7	7	C37545	5	16	C37661	39	7
C32873	7	11	C37546	5	6	C37664	39	25
C32874	7	12	C37548	5	17	C37664	41	2
C32878	7	14	C37549	5	19	C37665	39	21
C32879	7	15	C37550	21	2	C37694	41	3
C32880	7	16	C37551	21	3	C37695	41	11
C32881	7	17	C37552	21	4	C37698	39	31
C32882	7	18	C37553	21	5	C37699	39	31
C32884	7		C37554	21	6	C37700	41	6
C32917	11	2	C37556	21	1	C37702	41	4
C32919	11	6	C37562	21	7	C37703	41	9
C32920	11	5	C37563	5	7	C37704	41	7
C32947	19	2	C37564	5	9	C37705	27	19
C32948	19	4	C37566	5	14	C37705	39	34
C32949	19	11	C37566	7	6	C37724	33	7
C33024	49	1	C37567	5	15	C37724	35	7
C33744	49	12	C37568	5	16	C37724	39	30
C34173	37	24	C37568	17	17	C37725	33	9
C34808	25	33	C37573	23	4	C37725	35	9
C37200	33	45	C37574	23	3	C37727	39	26
C37200	35	43	C37575	23	2	C37729	33	1
C37464	47	4	C37576	23	10	C37729	35	1
C37495	47	5	C37577	23	7	C37730	33	2
C37496	47	6	C37578	23	5	C37730	35	2
C37498	47	8	C37579	23	6	C37731	33	3
C37500	47	9	C37581	25	25	C37731	35	3
C37502	47	7	C37582	23	14	C37732	33	4
C37504	47	11	C37583	23	8	C37732	35	4
C37505	45	1	C37585	23	9	C37733	33	6
C37507	45	22	C37586	23	11	C37733	35	6
			C37591	33	29	C37736	33	11
			C37591	35	29	C37736	35	11

NUMERICAL INDEX

57

PART NO.	PAGE NO.	REF. NO.	PART NO.	PAGE NO.	REF. NO.	PART NO.	PAGE NO.	REF. NO.
C37737	33	12	C37826	27	13	C38055	29	6
C37737	35	12	C37828	25	13	C38056	29	10
C37738	33	13	C37837	27	16	C38230	29	5
C37738	35	13	C37840	27	2	C38406	31	10
C37739	33	14	C37841	27	3	C38594	23	26
C37739	35	14	C37842	27	5	C38677	45	29
C37740	33	15	C37843	27	6	C38790	25	36
C37741	33	17	C37847	27	12	C38807	47	10
C37741	35	15	C37848	27	22	C38859	39	11
C37742	33	18	C37850	27	14	C38864	23	22
C37742	35	18	C37851	27	15	C38993	39	6
C37743	33	19	C37852	27	21	C39015	29	3
C37743	35	19	C37853	27	23	C39016	29	2
C37744	33	20	C37854	29	1	C39403	5	19
C37744	35	20	C37855	29	2	C39403	5	23
C37745	33	21	C37859	29	3	C39403	25	41
C37747	33	23	C37860	29	4	C39524	25	26
C37748	35	23	C37860	29	9	C39525	25	27
C37751	35	28	C37860	39	1	C39526	25	27
C37752	33	31	C37861	29	5	C39527	47	1
C37752	35	31	C37863	29	1	C39528	47	1
C37753	33	32	C37865	29	3	C39529	47	2
C37753	35	32	C37866	29	4	C39530	47	12
C37754	33	33	C37869	29	7	C39531	47	2
C37754	35	33	C37870	29		C39532	47	12
C37755	33	34	C37871	29		C39533	25	34
C37755	35	34	C37872	29		C39534	25	2
C37756	29	7	C37915	29	6	C39537	25	28
C37756	29	13	C37958	25	10	C39538	25	28
C37756	33	35	C37983	45	28	C40645	25	2
C37756	35	35	C37985	31	9	C40725	25	28
C37756	39	2	C37986	31	11	C40726	25	28
C37757	33	36	C37987	31	12	C40728	5	1
C37757	35	36	C37988	39	3	C40893	5	24
C37761	33	44	C37989	39		C40954	47	3
C37761	35	17	C37990	39		C40956	25	1
C37763	33	26	C37991	39	6	C40992	25	1
C37763	35		C37992	39		C41005	23	1
C37764	35	16	C37993	39	8	C41010	45	13
C37765	35	21	C37994	39	9	C41163	25	3
C37769	43	5	C37995	31	10	C41167	25	29
C37770	31	1	C37995	41	1	C41171	25	29
C37772	43	7	C37996	39	10	C41175	25	29
C37773	31	3	C37997	39	11	C41179	25	29
C37774	31	4	C37998	39	12	C41643	45	35
C37775	31	5	C37999	39	13	C41675	5	1
C37776	31	6	C38000	39	14	C41676	5	1
C37777	31	7	C38002	39	15	C41931	43	26
C37778	43	8	C38003	39	16	C41944	25	7
C37785	43	19	C38004	39	17	C41945	25	8
C37787	43	21	C38005	39	18	C41956	25	14
C37807	43	33	C38006	39	19	C41956	25	15
C37810	25	6	C38007	39	20	C41956	27	45
C37811	21	7	C38008	39	22	C41974	43	4
C37812	21	6	C38009	39	22	C41978	43	32
C37813	21	4	C38010	39		C41986	43	28
C37815	23	31	C38011	39		C42050	5	2
C37816	23	32	C38012	39		C42053	25	9
C37817	25	37	C38013	39	24	C42054	5	4
C37818	25	24	C38014	41	5	C42055	5	3
C37819	5	18	C38015	41	8	C42056	25	33
C37819	5	22	C38016	39	27	C42057	25	33
C37820	5	18	C38017	39	27	C42061	25	29
C37820	5	22	C38018	39	29	C42062	25	29
C37822	31	7	C38019	41	10	C42185	25	4
C37824	25	5	C38027	29	1	C42186	27	42
C37824	29	8	C38028	29	2	C42188	25	38
C37824	39	5	C38054	27	1	C42188	27	41

NUMERICAL INDEX

57

PART NO.	PAGE NO.	REF. NO.	PART NO.	PAGE NO.	REF. NO.	PART NO.	PAGE NO.	REF. NO.
C37737	33	12	C37826	27	13	C38055	29	6
C37737	35	12	C37828	25	13	C38056	29	10
C37738	33	13	C37837	27	16	C38230	29	5
C37738	35	13	C37840	27	2	C38406	31	10
C37739	33	14	C37841	27	3	C38594	23	26
C37739	35	14	C37842	27	5	C38677	45	29
C37740	33	15	C37843	27	6	C38790	25	36
C37741	33	17	C37847	27	12	C38807	47	10
C37741	35	15	C37848	27	22	C38859	39	11
C37742	33	18	C37850	27	14	C38864	23	22
C37742	35	18	C37851	27	15	C38993	39	6
C37743	33	19	C37852	27	21	C39015	29	3
C37743	35	19	C37853	27	23	C39016	29	2
C37744	33	20	C37854	29	1	C39403	5	19
C37744	35	20	C37855	29	2	C39403	5	23
C37745	33	21	C37859	29	3	C39403	25	41
C37747	33	23	C37860	29	4	C39524	25	26
C37748	35	23	C37860	29	9	C39525	25	27
C37751	35	28	C37860	39	1	C39526	25	27
C37752	33	31	C37861	29	5	C39527	47	1
C37752	35	31	C37863	29	1	C39528	47	1
C37753	33	32	C37865	29	3	C39529	47	2
C37753	35	32	C37866	29	4	C39530	47	12
C37754	33	33	C37869	29	7	C39531	47	2
C37754	35	33	C37870	29		C39532	47	12
C37755	33	34	C37871	29		C39533	25	34
C37755	35	34	C37872	29		C39534	25	2
C37756	29	7	C37915	29	6	C39537	25	28
C37756	29	13	C37958	25	10	C39538	25	28
C37756	33	35	C37983	45	28	C40645	25	2
C37756	35	35	C37985	31	9	C40725	25	28
C37756	39	2	C37986	31	11	C40726	25	28
C37757	33	36	C37987	31	12	C40728	5	1
C37757	35	36	C37988	39	3	C40893	5	24
C37761	33	44	C37989	39		C40954	47	3
C37761	35	17	C37990	39		C40956	25	1
C37763	33	26	C37991	39	6	C40992	25	1
C37763	35		C37992	39		C41005	23	1
C37764	35	16	C37993	39	8	C41010	45	13
C37765	35	21	C37994	39	9	C41163	25	3
C37769	43	5	C37995	31	10	C41167	25	29
C37770	31	1	C37995	41	1	C41171	25	29
C37772	43	7	C37996	39	10	C41175	25	29
C37773	31	3	C37997	39	11	C41179	25	29
C37774	31	4	C37998	39	12	C41643	45	35
C37775	31	5	C37999	39	13	C41675	5	1
C37776	31	6	C38000	39	14	C41676	5	1
C37777	31	7	C38002	39	15	C41931	43	26
C37778	43	8	C38003	39	16	C41944	25	7
C37785	43	19	C38004	39	17	C41945	25	8
C37787	43	21	C38005	39	18	C41956	25	14
C37807	43	33	C38006	39	19	C41956	25	15
C37810	25	6	C38007	39	20	C41956	27	45
C37811	21	7	C38008	39	22	C41974	43	4
C37812	21	6	C38009	39	22	C41978	43	32
C37813	21	4	C38010	39		C41986	43	28
C37815	23	31	C38011	39		C42050	5	2
C37816	23	32	C38012	39		C42053	25	9
C37817	25	37	C38013	39	24	C42054	5	4
C37818	25	24	C38014	41	5	C42055	5	3
C37819	5	18	C38015	41	8	C42056	25	33
C37819	5	22	C38016	39	27	C42057	25	33
C37820	5	18	C38017	39	27	C42061	25	29
C37820	5	22	C38018	39	29	C42062	25	29
C37822	31	7	C38019	41	10	C42185	25	4
C37824	25	5	C38027	29	1	C42186	27	42
C37824	29	8	C38028	29	2	C42188	25	38
C37824	39	5	C38054	27	1	C42188	27	41

NUMERICAL INDEX

PART NO.	PAGE NO.	REF. NO.	PART NO.	PAGE NO.	REF. NO.	PART NO.	PAGE NO.	REF. NO.
C42240	5	13	C43480	11	5	C43546	11	9
C42240	5	13	C43481	11	6	C43547	21	10
C42241	45		C43482	11	7	C43548	21	11
C42359	27	36	C43483	11	8	C43549	21	13
C42624	29		C43484	11	10	C43550	9	1
C42624	29		C43485	7		C43550	21	14
C42626	29		C43487	7	20	C43552	9	6
C42784	43	13	C43488	7	21	C43553	9	8
C42784	43	14	C43489	7	27	C43554	9	9
C42784	43	15	C43490	7	23	C43555	9	10
C42784	43	16	C43491	7	9	C43556	9	11
C42784	43	17	C43491	7	24	C43557	9	13
C42785	43	12	C43492	7	25	C43558	9	14
C42788	29		C43493	7	2	C43559	9	17
C42789	29		C43494	7	5	C43560	19	7
C42791	29		C43496	7	13	C43561	19	6
C42892	23	1	C43497	13	1	C43562	19	9
C42894	37	1	C43498	13	2	C43563	19	10
C42895	27	4	C43499	13	3	C43564	19	12
C42895	37	3	C43500	13	4	C43565	19	13
C42895	39	32	C43501	13	7	C43566	15	1
C42896	27	9	C43502	13	8	C43567	15	1
C42896	37	8	C43503	13	9	C43568	15	2
C42896	39	33	C43504	13	10	C43569	15	2
C42897	37	9	C43505	13	11	C43570	15	2
C42898	37	10	C43505	17	18	C43571	15	2
C42901	37	12	C43506	13	12	C43572	15	2
C42902	37	22	C43507	13	14	C43573	15	3
C42903	37	20	C43508	13	16	C43574	15	4
C42904	37	23	C43509	13	17	C43575	15	4
C43375	49	5	C43510	13	17	C43576	15	4
C43404	47	13	C43511	13	17	C43577	15	4
C43405	47	13	C43512	13	18	C43578	17	7
C43412	49	17	C43513	13	19	C43579	17	8
C43447	7	2	C43513	17	3	C43580	13	
C43448	7	3	C43513	17	13	C43580	17	9
C43449	7	5	C43514	13	20	C43581	17	10
C43451	7	7	C43515	13	21	C43582	17	11
C43452	7	8	C43516	13	22	C43583	17	12
C43452	15	5	C43517	13	23	C43584	17	14
C43453	7	9	C43518	13	24	C43585	17	15
C43454	7	10	C43519	13	25	C43586	17	16
C43455	7	11	C43520	13	26	C43587	17	11
C43456	7	13	C43521	13	27	C43589	15	2
C43457	7	14	C43522	13	28	C43590	15	3
C43458	7	15	C43523	13	29	C43591	7	12
C43459	7	16	C43524	11	11	C43592	7	26
C43460	7	17	C43525	11	12	C43960	49	16
C43461	7	18	C43526	11	12	C43961	49	15
C43462	7	19	C43527	11	12	C43962	49	9
C43462	9	18	C43528	13	31	C43963	49	12
C43463	15	1	C43529	13	32	C43964	49	10
C43464	15	1	C43530	13	30	C43965	49	11
C43465	15	4	C43531	17	1	C43966	49	2
C43466	15	4	C43532	17	2	C43967	49	3
C43467	15	6	C43533	19	3	C43969	49	5
C43468	15	7	C43534	17	4	C43983	49	3
C43469	17	1	C43535	17	5	C43985	49	13
C43470	17	4	C43536	17	6	C43986	49	14
C43471	17	5	C43537	19	1	C43992	49	6
C43472	17	6	C43538	19	2	C44027	21	2
C43473	17	7	C43539	19	3	C44075	45	16
C43474	17	8	C43540	19	4	C44081	39	10
C43475	17	9	C43541	19	5	C44083	39	20
C43476	17	12	C43542	19	6	C44290	21	5
C43477	11	1	C43543	11	1	C44361	49	19
C43478	11	2	C43544	11	4	C44364	49	20
C43479	11	4	C43545	11	8	C44367	49	21

NUMERICAL INDEX

59

PART NO.	PAGE NO.	REF. NO.	PART NO.	PAGE NO.	REF. NO.	PART NO.	PAGE NO.	REF. NO.
C444469	45		113- 452	29	6	182- 528	25	12
C444471	49	15	114- 201	21	14	182- 528	27	30
C444481	27	7	121- 21	5	17	182- 559	9	7
C444495	49	14	121- 21	5	5	187-1037	19	5
C444498	27	48	121- 21	11	7	192- 18	27	40
C46958	49	4	121- 101	45		192- 18	45	
K0230020	11	9	129- 6	45		192- 19	9	4
K0231032	7	4	129- 37	45		192- 19	19	8
K0235945	11	10	129- 101	9	3	192- 19	25	42
K0237022	9	16	129- 101	17	2	192- 19	27	38
K0275220	17	10	129- 101	19	9	192- 19	31	5
028- 620	11	3	129- 101	31	6	192- 19	43	27
111- 111	37	4	129- 101	45		192- 19	45	
111- 114	27	32	129- 101	45	27	192- 19	45	
111- 129	9	5	129- 101	49	6	192- 19	49	7
111- 132	25	40	129- 102	13	5	192- 20	7	22
111- 132	27	43	129- 102	13	33	192- 20	25	17
111- 203	31	9	129- 102	41	14	192- 20	39	40
111- 366	39	48	129- 102	45		192- 20	41	13
113- 1	21	9	129- 103	23	28	192- 20	45	
113- 1	49	11	129- 103	33	25	192- 21	5	21
113- 1	49	8	129- 103	35	25	192- 21	21	10
113- 3	21	9	129- 103	39	39	192- 21	23	29
113- 3	27	35	129- 105	23	19	192- 21	33	24
113- 3	27	37	129- 105	29	9	192- 21	35	24
113- 3	31	4	129- 105	29	12	192- 21	39	38
113- 3	43	22	129- 105	39	23	192- 22	21	12
113- 3	43	34	131- 69	27	25	192- 23	23	16
113- 3	45		131- 69	43	1	192- 23	29	8
113- 3	45		131- 70	25	22	192- 23	29	11
113- 3	45	32	131- 71	23	27	192- 23	39	36
113- 3	49	7	131- 71	27	28	193- 63	45	
113- 3	49	10	131- 71	27	34	193-1000	23	25
113- 4	19	8	131- 71	27	46	193-1000	27	31
113- 4	23	33	131- 71	31	14	193-1000	33	42
113- 4	27	26	131- 71	33	8	193-1000	35	42
113- 4	33	40	131- 71	35	8	193-1000	39	47
113- 4	35	40	131- 71	37	6	193-1000	49	18
113- 4	37	7	131- 71	37	21	193-1000	49	4
113- 4	37	18	131- 71	39	45	195- 102	13	6
113- 4	39	46	131- 71	45	30	195- 102	13	34
113- 4	45	26	131- 911	5	5	195- 102	27	33
113- 102	43	30	131- 911	5	21	195- 102	31	13
113- 103	25	16	131- 911	25	32	195- 102	33	10
113- 103	27	29	131- 911	27	44	195- 102	35	10
113- 103	37	16	131- 911	31	8	195- 102	37	5
113- 103	39	43	131- 911	37	17	195- 102	37	19
113- 103	41	12	131- 911	43	31	195- 102	43	23
113- 104	5	4	131- 934	21	8	195- 102	45	31
113- 104	41	12	131- 934	43	25	195- 103	25	18
113- 118	25	30	131- 934	45	33	195- 103	25	31
113- 119	43	3	131- 934	49	8	195- 103	27	24
113- 120	33	27	131- 934	49	9	195- 103	43	2
113- 120	35	27	131- 938	23	18	195- 104	23	17
113- 121	41	12	131- 938	49	2	195- 104	39	41
113- 122	5	20	131- 971	25	35	195- 106	23	15
113- 134	33	28	131-1102	33	37	195- 520	27	27
113- 207	5	20	131-1102	35	37	195- 520	33	47
113- 207	49	1	131-1102	43	24	195- 520	35	45
113- 213	23	30	131-1352	25	20	195- 520	39	44
113- 219	49	13	131-1352	37	15	195- 533	37	14
113- 241	39	37	131-1352	49	14	195-2063	33	46
113- 259	25	19	132- 6	49	22	195-2063	35	44
113- 335	21	13	132- 310	23	20	214- 103	21	3
113- 410	39	42	132- 332	31	8	214- 254	43	9
113- 417	23	12	132- 332	33	5	214- 274	43	20
113- 425	25	21	132- 332	35	5	219- 23	29	
113- 441	23	13	182- 525	27	39	219- 92	29	
						221- 3	13	15
						221- 376	5	18
						221- 411	5	11
						221-1413	5	3