



Ingersoll

**FRONT CUT TRACTORS
MODEL 5012, 5016 AND 5018
Parts Catalog 8-3241**

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[TRACTORS](#)

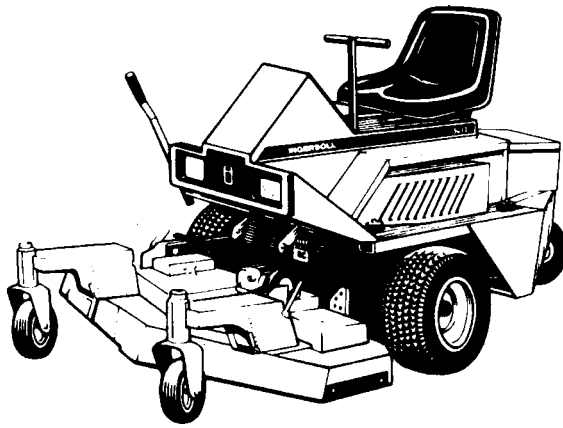
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INDEX

There is an index at the front of this catalog. The front index is an alphabetical index of the major groups or assemblies.

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 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. All orders must include the following information:

1. Correct part number.

PARTS ORDERS

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.

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"x2-1/4" N.F. hex.....	1
34	132- 104	PIN-cotter, 3/16"x3"	1
35	C 55889	STUD - ball, socket & cylinder	2
36	13- 410	BOLT-1/4"x5/8"N.C.,hex	4
37	92- 4	LOCK WASHER - 1/4"SAE	4

MODEL 5012, 5016 AND 5018 FRONT CUT MOWERS**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 and Kohler engine parts and warranty are handled by the engine manufacturer.

CONTACT YOUR LOCAL ENGINE DISTRIBUTOR

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NOTE: Contact your local Briggs and Stratton or Kohler dealer for engine parts.

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PAINT AND OIL

PAINT

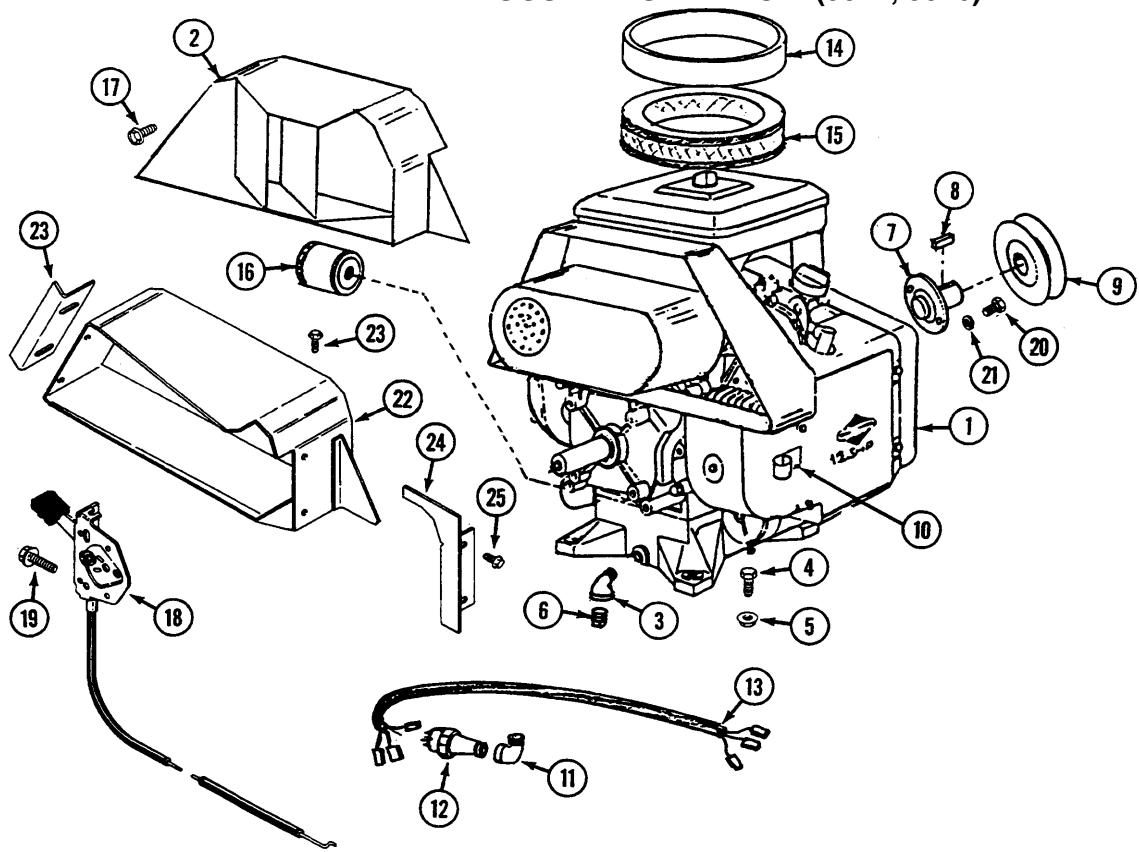
REF.	PART NO.	DESCRIPTION	REQ'D
1	C 28849	BLACK - semi - gloss, 12 oz spray (2 per carton)	1
2	C 28850	BLACK - semi - gloss, quart (2 per carton)	1
3	C 28850	BLACK - semi - gloss, heat resistant, 12 oz spray (2 per carton)	1
4	C 28484	POWER RED - gloss, 12 oz spray (2 per carton)	1
5	C 28485	POWER RED - gloss, quart (2 per carton)	1
6	C 30870	SILVER - gloss, 12 oz. spray (2 per carton).....	1
7	C 31643	POWER RED - gloss, 1 oz touch up, (1 doz. per carton)	1

OIL

1	C 32776	OIL - SAE 30, SF, quart (12 per case)	1
2	C 32777	OIL - SAE 5W20, SF, quart (12 per case)	1
3	C 32778	OIL - SAE 20W40, SF, quart (12 per case)	1

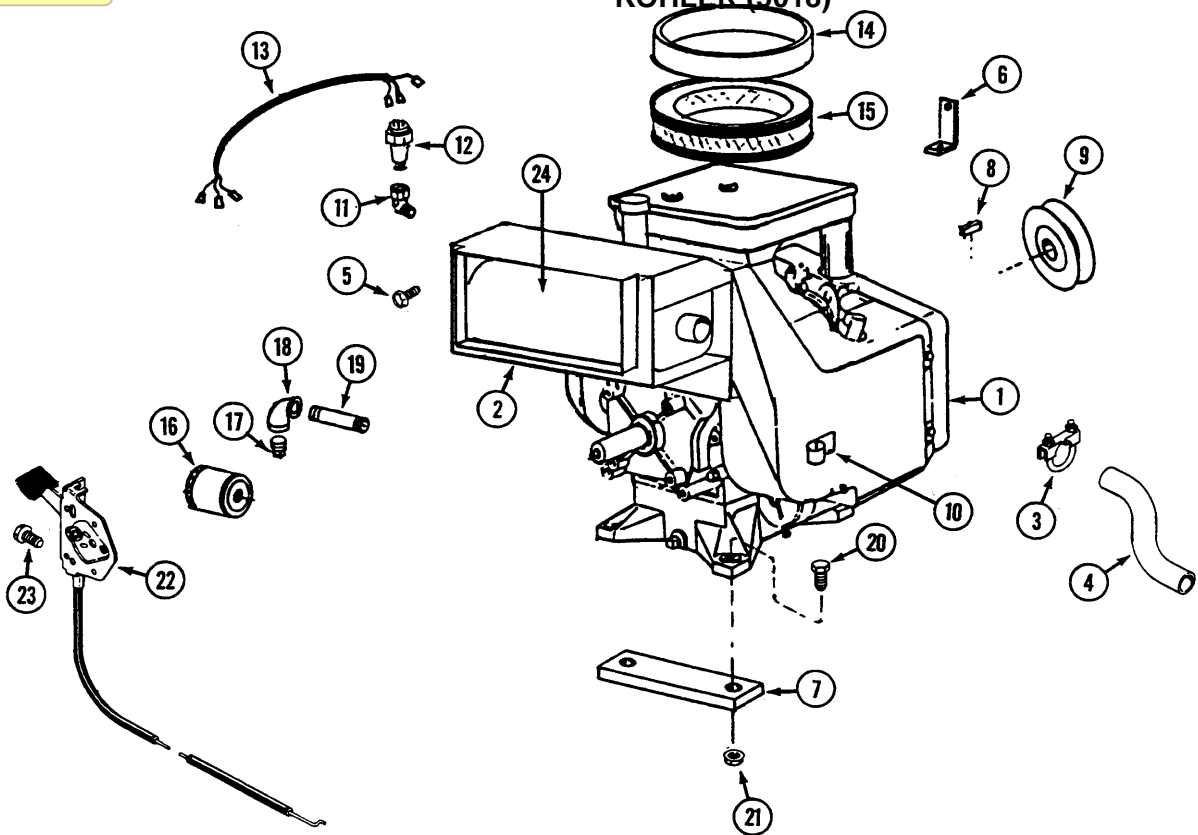
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BRIGGS AND STRATTON (5012, 5016)



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KOHLER (5018)



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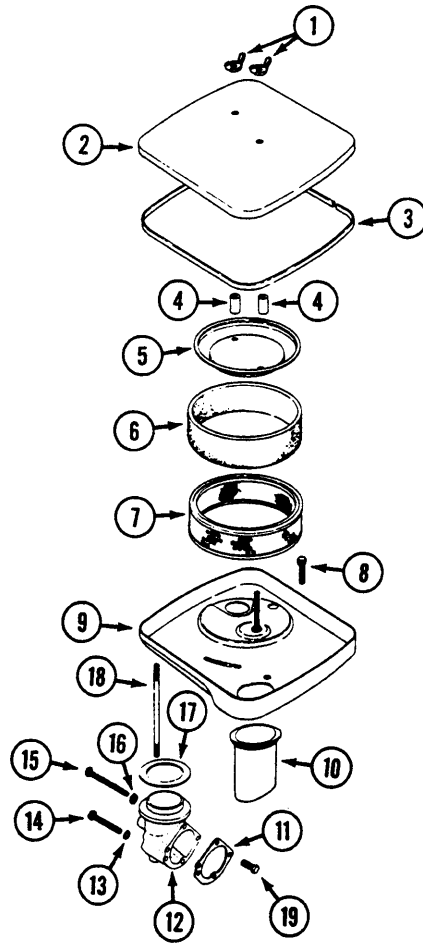
REF.	PART NO.	DESCRIPTION	REQ'D
1	C45811	ENGINE - Briggs & Stratton, model 422447, Spec. 1289 (16 hp) (5016).....	1
1	NSS	ENGINE - Briggs & Stratton, model 402447 Spec. No. 1225 (16 hp) (5016) (use C45811)	1
1	C41675	ENGINE - Briggs and Stratton, model 404447, Spec. No. 1211 (12.5 hp) (5012).....	1
2	C37533	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	C37546	PLUG - pipe 3/8".....	1
7	C37537	SHAFT - stub.....	1
8	C37538	KEY - 1/4" x 1/4" x 1".....	1
9	C37539	PULLEY - drive (use C32199 set screw)	1
10	C37540	RETAINER - starter cable.....	2
11	221-411	ELBOW - Street 1/8".....	1
12	C37531	UNIT - oil sending.....	1
13	C42240	HARNESS - wire.....	1
14	C37543	PRECLEANER	1
15	C37544	FILTER - air	1
16	C37545	FILTER - oil	1
17	121-21	BOLT - 1/4" -20 flange lock.....	7
18	C37819	CABLE - choke	1
18	C37820	CABLE - throttle.....	1
19	C39403	SCREW - #12 x 11/2"	4
20	113-207	BOLT - 3/8" - 16 x 1".....	2
21	192-21	LOCKWASHER - 3/8".....	2
22	C45077	DUCT - air (use S/N 14178235 and after)	1
23	C45078	DEFLECTOR - air, front (use S/N 14178235 and after).....	1
24	C45079	DEFLECTOR - air, rear (use S/N 14178235 and after)	1
25	187-1328	BOLT - #8 - 18 x 3/8".....	4

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

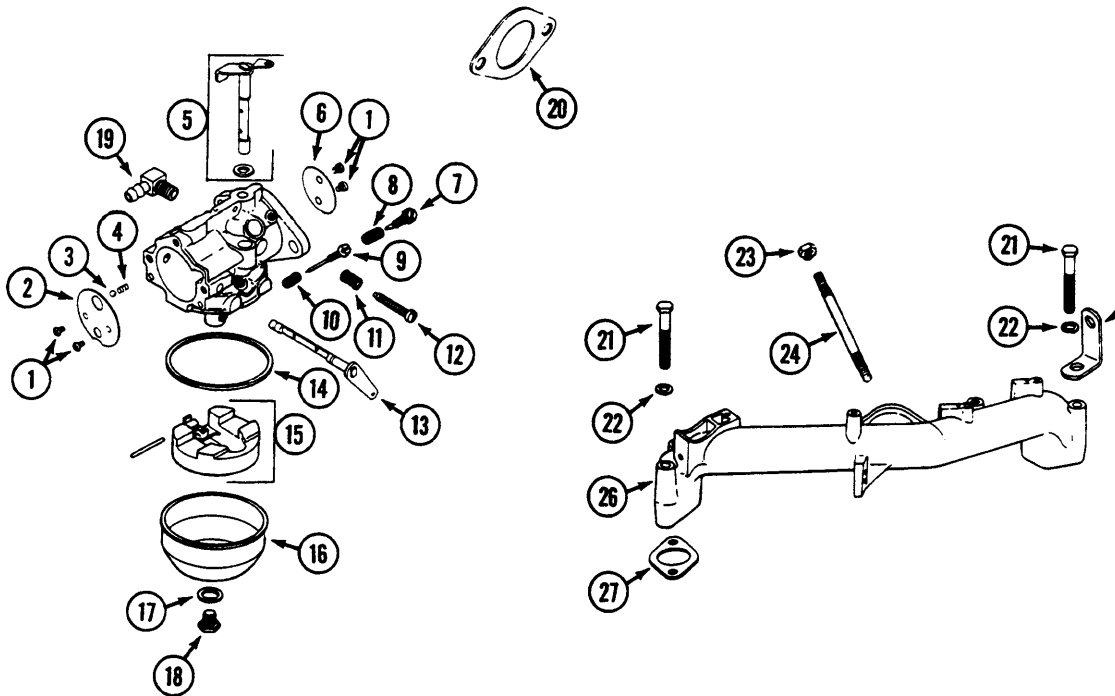
1	C41676	ENGINE - Kohler Model M18QS, Spec. No. 24532 (18 hp).....	1
2	C42050	DUCT - air	1
3	C42055	CLAMP - pipe (use before S/N 14175549)	1
3	C45755	CLAMP - muffler 1-1/2" (use S/N 14175549 and after).....	1
4	C45684	PIPE - rear exhaust (also use C45755 before S/N 14175549)	1
5	121-21	BOLT - 1/4" - 20 flange lock.....	7
6	C37536	BRACKET - wire standoff	4
7	C37563	SPACER.....	2
8	C37538	KEY - 1/4" x 1/4" x 1".....	1
9	C37564	PULLEY - drive (includes 83-46 set screw)	1
10	C37540	RETAINER - starter wire.....	1
11	C37541	ELBOW - street 1/8"	1
12	C37531	UNIT - oil sending.....	1
13	C42240	HARNESS - wire.....	1
14	C37566	PRECLEANER	1
15	C37567	FILTER - air	1
16	C37568	FILTER - oil	1
17	C37546	PLUG - pipe 3/8".....	1
18	221-376	ELBOW - pipe 3/8".....	1
19	C37548	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	C37819	CABLE - choke	1
22	C37820	CABLE - throttle.....	1
23	C39403	SCREW - #12 x 1/2"	4
24	C40893	MUFFLER - exhaust.....	1

MODEL 5012, 5016 AND 5018 FRONT CUT MOWERS

AIR CLEANER (5018)



CARBURETOR AND INTAKE MANIFOLD (5018)



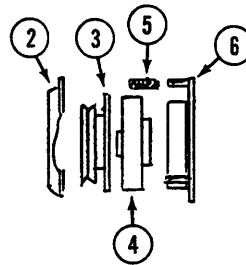
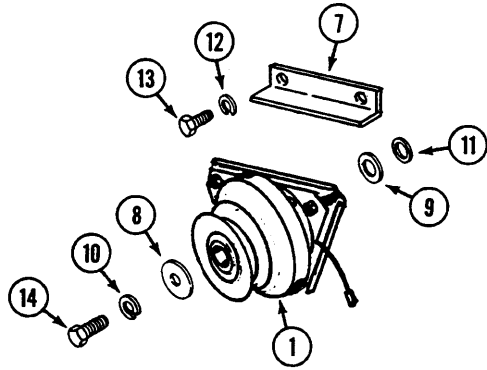
INDEX**MODEL 5012, 5016 AND 5018 FRONT CUT MOWERS****AIR CLEANER (5018)**

REF.	PART NO.	DESCRIPTION	REQ'D
1	C26703	NUT - wing 1/4" - 20.....	2
2	C43447	COVER - air cleaner	1
3	C43448	SEAL - cover.....	1
4	KO231032	SEAL - element cover	2
5	C43449	COVER - element	1
6	C37566	PRECLEANER.....	1
7	C43451	ELEMENT - air cleaner	1
8	C43452	SCREW - 1/4" - 20 x 7/16" washer head	1
9	C43453	BASE - air cleaner.....	1
10	C43454	TUBE - air.....	1
11	C43455	GASKET - elbow	1
12	C43591	KIT - air intake elbow (inc. ref. 11-19).....	1
13	C43456	WASHER - #10 lock.....	2
14	C43457	SCREW - #10 - 32 x 1-1/4"	2
15	C43458	SCREW - #10 - 32 x 2-1/4"	1
16	C43459	WASHER - #10	1
17	C43460	GASKET - air cleaner.....	1
18	C43461	STUD.....	1
19	C43462	SCREW	1

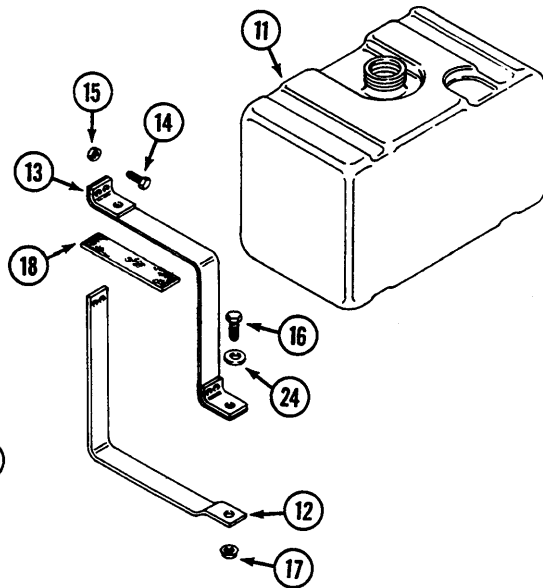
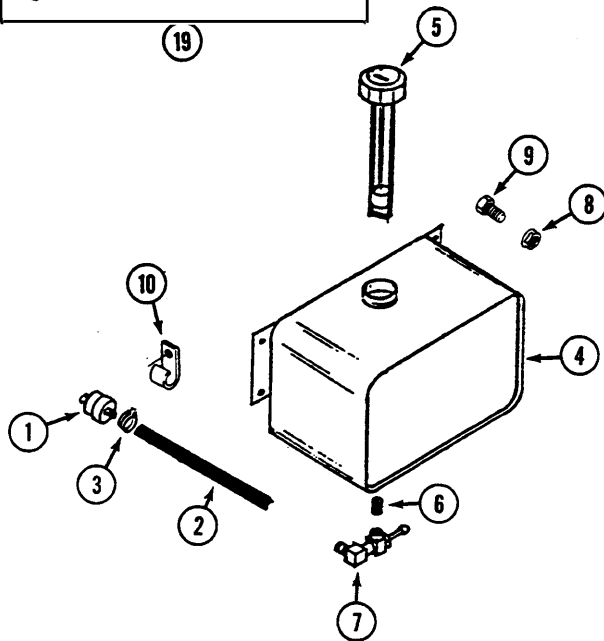
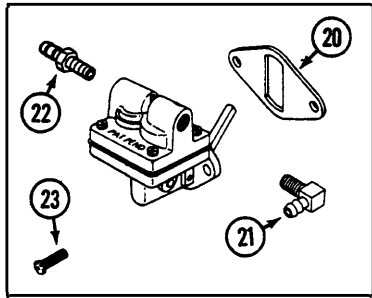
INDEX**CARBURETOR AND INTAKE MANIFOLD (5018)**

	C43485	CARBURETOR	1
1	C32862	SCREW - throttle and choke plate.....	4
2	C43493	PLATE - choke	1
3	C32865	BALL - choke.....	1
4	C32866	SPRING - choke.....	1
5	C43494	SHAFT - throttle (includes seal).....	1
6	C32869	PLATE - throttle.....	1
7	C32872	NEEDLE - idle adjust	1
8	C32871	SPRING - idle needle.....	1
9	C43491	NEEDLE - high speed.....	1
10	C32871	SPRING - main needle	1
11	C32873	SPRING - throttle adjust	1
12	C32874	SCREW - throttle adjust.....	1
13	C43496	SHAFT - choke.....	1
14	C32878	GASKET - bowl	1
15	C32879	KIT - float.....	1
16	C32880	BOWL - fuel.....	1
17	C32881	GASKET - bowl screw	1
18	C32882	SCREW - bowl	1
19	C10678	CONNECTOR - 90°	1
20	C43487	GASKET - carburetor	1
21	C43488	SCREW - 5/16" - 18 x 2-3/4"	4
22	192-20	LOCKWASHER - 5/16"	4
23	C43490	NUT - 5/16" - 18	2
24	C43491	STUD - 5/16" - 18 x 1"	2
25	C43592	STRAP - lifting.....	2
26	C43592	MANIFOLD - intake.....	1
27	C43489	GASKET - intake manifold	2
	C32884	KIT - carburetor repair.....	1

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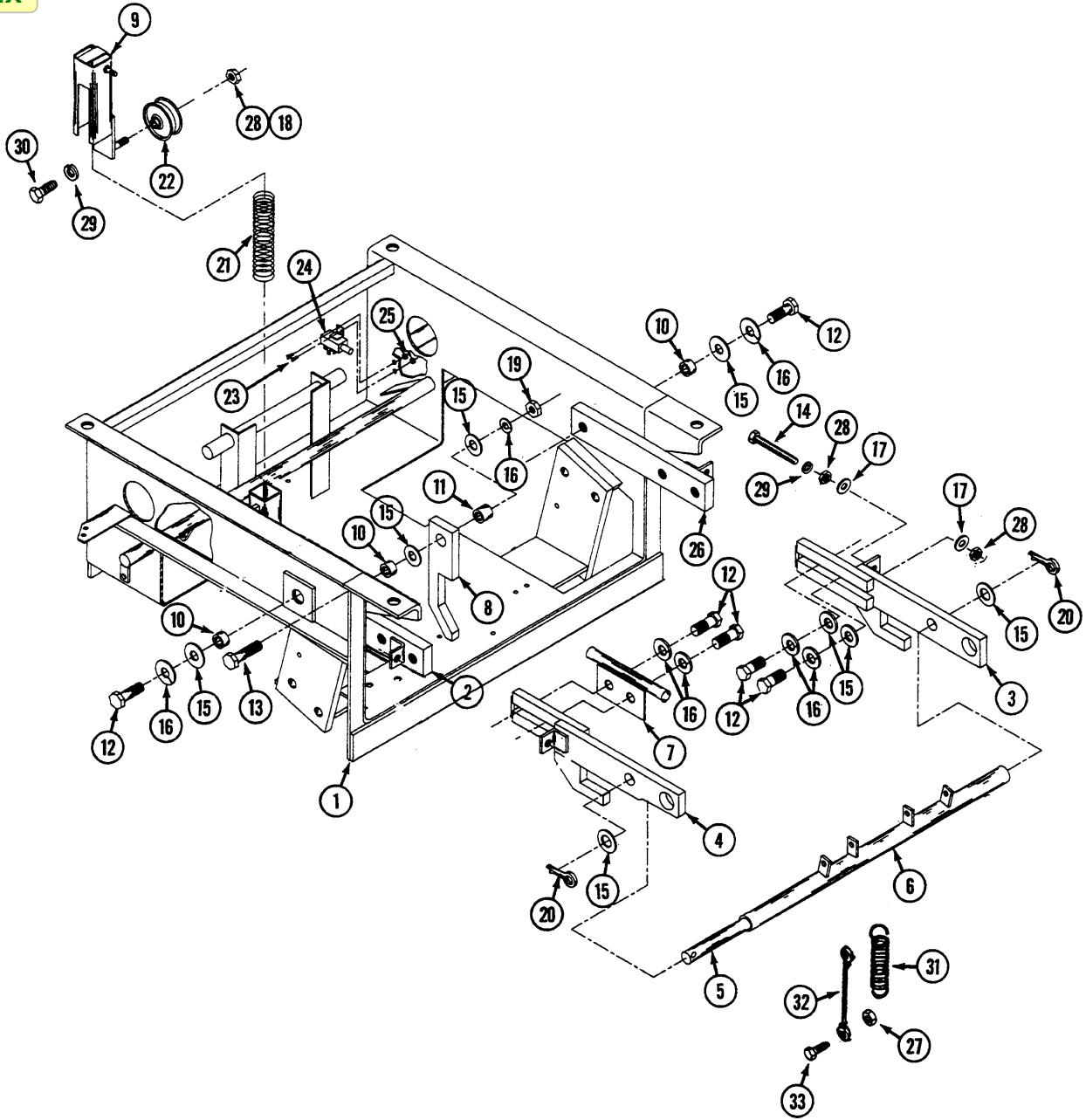
INDEX**MODEL 5012, 5016 AND 5018 FRONT CUT MOWERS****ELECTRIC CLUTCH (PTO)**

REF.	PART NO.	DESCRIPTION	REQ'D
1	C37511	CLUTCH ASSEMBLY	1
2	C37549	BRAKE - clutch	1
3	C37550	ARMATURE - clutch	1
4	C37551	ROTOR - clutch	1
5	C37552	KIT - spring and nut (3 each)	1
6	C37553	COIL - clutch	1
7	C37562	BRACKET - clutch stop	1
8	C31615	WASHER - retaining	1
9	NSS	WASHER - 1" (5012, 5016) (use only Ref. 11)	1
10	192-21	LOCKWASHER - 3/8"	1
11	C31614	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

INDEX**FUEL SYSTEM**

1	C37554	FILTER - fuel	1
2	C44027	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	C45119	TANK - fuel (2-1/4" filler tube) metal	1
5	C44290	CAP - fuel tank (with gauge) (1-3/4" threads)	1
5	C44822	CAP - fuel tank (with gauge) (2-1/4" threads) use on metal tank	1
5	C45334	CAP - fuel tank (with gauge) (2-1/4" threads) (use on plastic tank)	1
6	C37812	NIPPLE - pipe 1/8"	1
7	C37811	VALVE - shutoff	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	C32455	CLIP - "J" fuel line	1
11	C45333	TANK - fuel (2-1/4" filler tube) (plastic)	1
11	NSS	TANK - fuel (1-3/4" filler tube) (plastic) (use C45333, C45334)	1
12	C45061	BRACKET - fuel tank	2
13	C45062	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	C34189	CUSHION	2
19	C43547	PUMP - fuel	1
20	C43548	GASKET - fuel pump	1
21	C10678	CONNECTOR - 90° hose	1
22	C43549	CONNECTOR - hose	1
23	C43550	SCREW - 1/4" - 20 x 5/8"	2
24	195-521	WASHER - 5/16"	2

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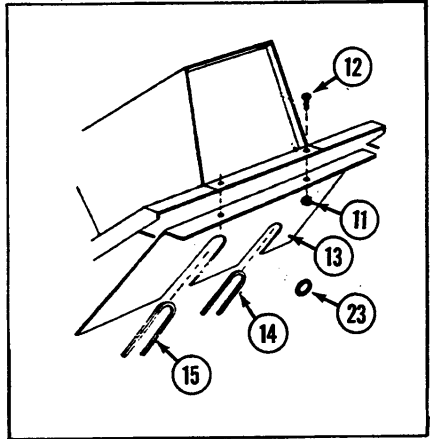
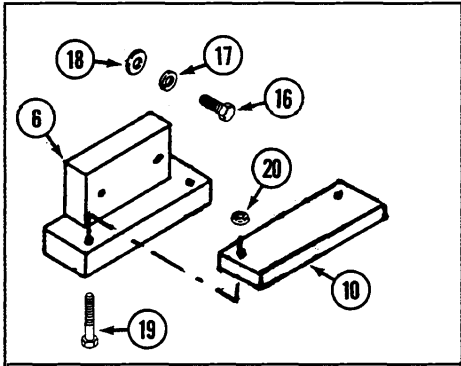
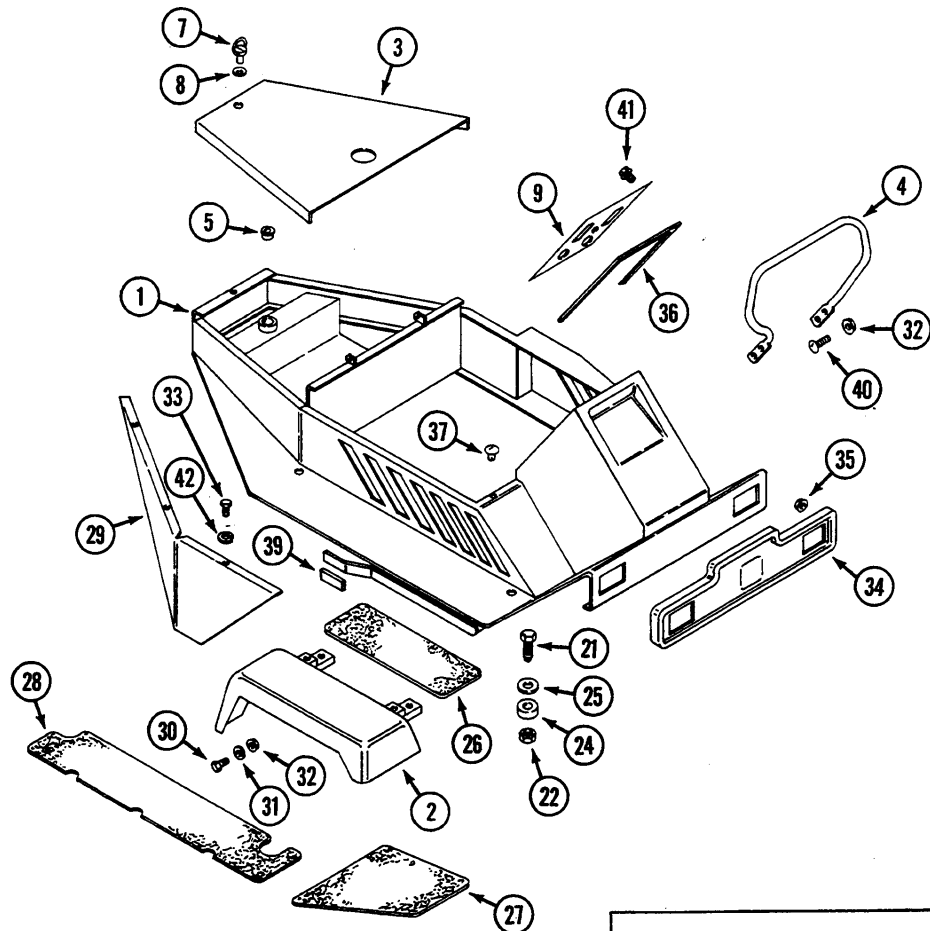


MODEL 5012, 5016 AND 5018 FRONT CUT MOWERS

BASE ASSEMBLY

REF.	PART NO.	DESCRIPTION	REQ'D
1	C42892	BASE - 5018 shown	1
1	C41005	BASE - (5012, 5016)	1
2	C37575	ARM - deck lift R.H.....	1
3	C37574	ARM - front L.H	1
4	C37573	ARM - front R.H.....	1
5	C37578	PIN - cross bar	1
6	C37579	BAR - cross	1
7	C37577	TUBE - wire	1
8	C37583	LOCK - forward nose down.....	2
9	C37585	TUBE - drive idler (5018 shown).....	1
9	C37603	TUBE - drive idler (5012, 5016)	1
10	C37576	BUSHING - deck lift arm (3/8" long).....	3
11	C37586	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	C37595	SPRING - idler tension.....	1
22	C15672	PULLEY - idler 2-1/4" O.D. (5018)	1
22	C38864	PULLEY - idler (5012, 5016).....	1
23	C37597	SCREW - machine #10 - 32 x 5/8"	2
24	C37521	SWITCH - safety	1
25	193-1000	NUT - lock #10 - 32	2
26	C38594	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	C37815	SPRING - lift assist	2
32	C37816	CABLE - lift.....	2
33	113-4	BOLT - 1/4" - 20 x 1"	4

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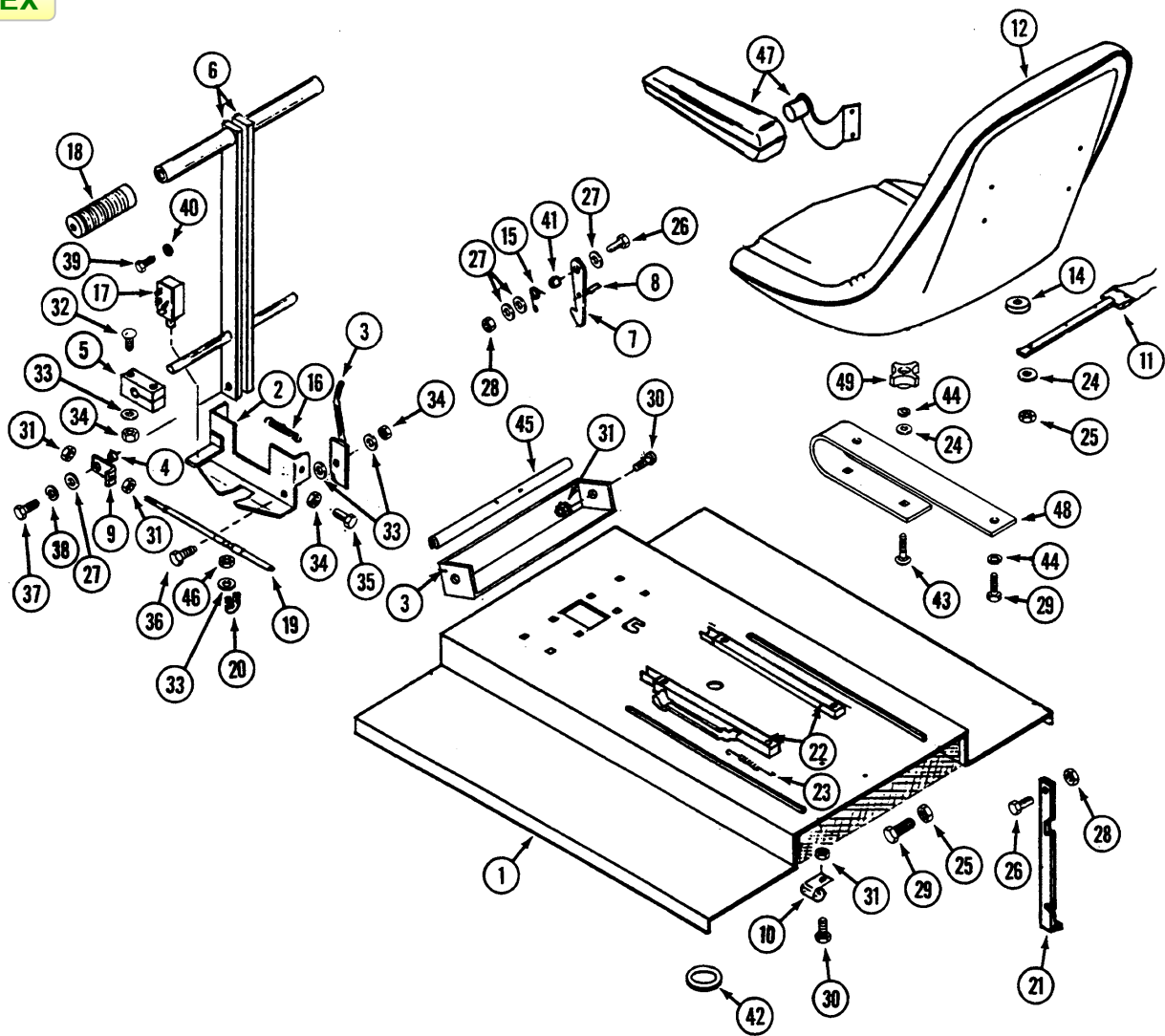


MODEL 5012, 5016 AND 5018 FRONT CUT MOWERS

BODY

REF.	PART NO.	DESCRIPTION	REQ'D
1	C44954	BODY - 5012, 5016, 5018 (use S/N 14175540 and after)	1
1	C40992	BODY - 5018 (shown) (use before S/N 14175540)	1
1	C40956	BODY - (5012, 5016) (use before S/N 14178249)	1
2	C39534	FENDER - R.H. (shown) 5018	1
2	C40645	FENDER - L.H. 5018	1
3	C41163	COVER - back	1
4	C44844	BAR - handle (optional)	1
5	C37824	BEARING - rear wheel fork	2
6	C37810	WEIGHT - tail (optional for 5012)	1
7	C41944	STUD - fastener	1
8	C41945	GROMMET - fastener	1
9	C42053	PANEL - dash	1
10	C37958	WEIGHT - tail 13 lb. (optional for 5012)	2
11	C37598	NUT-lock #10-32	2
12	182-528	SCREW - #10 - 32 x 1/2"	2
13	C37828	SHIELD - heat	1
14	C37829	TRIM - 9"	1
15	C37830	TRIM - 12-3/4"	1
16	113-103	BOLT-5/16" - 18x1"	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	C25165	GROMMET	1
24	C37818	MOUNT - body, rubber	8
25	C37581	WASHER - mount, body	4
26	C39524	PAD-fender (5018)	2
27	C39525	PAD - footrest, front L.H.	1
27	C39526	PAD - footrest, front R.H. (shown)	1
28	C40725	PAD - footrest, rear L.H. (5018)	1
28	C40726	PAD - footrest, rear R.H. (shown) (5018)	1
28	C39537	PAD - footrest, rear L.H. (5012, 5016)	1
28	C39538	PAD - footrest, rear R.H. (5012, 5016)	1
29	C42061	SKIRT - L.H. (5018)	1
29	C42062	SKIRT - R.H. (shown) (5018)	1
29	C41167	SKIRT-L.H. (5016)	1
29	C41171	SKIRT-R.H.(5016)	1
29	C41175	SKIRT-L.H.(5012)	1
29	C41179	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	C34808	BOLT - 1/4" - 20 x 3/4" self-tap (5012, 5016)	8
33	C42056	BOLT - 5/16" - 18 x 5/8" black	10
33	C42057	BOLT - 5/16" - 18 x 1-3/4" black	4
34	C39533	PLATE - face	1
35	131-971	NUT - #8 - 32 flange lock	2
36	C44035	TRIM - 27" (cut to length)	1
37	C37817	BUMPER - nylon	4
39	C37631	GRIP - handle	1
40	111-132	BOLT - 5/16" - 18 x 3/4" carriage	UAR
40	C42056	SCREW - 5/16" - 18 x 5/8" black	UAR
41	182-573	SCREW - #10 - 24 x 1/2"	4
41	C39403	SCREW - #12 x 1/2"	4
42	192-19	LOCKWASHER - 1/4" (5012, 5016)	8
43	C34117	NUT - #10 - 24 flange lock	2

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MODEL 5012, 5016 AND 5018 FRONT CUT MOWERS

SEAT LID AND STEERING

REF.	PART NO.	DESCRIPTION	REQ'D
1	C44237 **	LID - seat	1
1	C38054 **	LID - seat	1
2	C37840	BRACKET - lever lock	1
3	C37841	LATCH - lever lock	1
4	C42895	BUSHING - (also order C42896)	2
5	C37842	BEARING - block	4
6	C37843 *	LEVER - steering	2
6	C44915 **	LEVER - steering	2
7	C44481	LATCH - seat lid	1
8	NSS	BOLT - latch, seat lid (use C44481)	1
9	C42896	BRACKET - steering cable end (also order C42895)	4
10	C32455	RETAINER - harness, seat lid	1
11	C37520	SWITCH - seat	1
12	C37847	SEAT	1
12	C43201 **	SEAT	1
13	C37826	PLATE - lid filler	1
14	C37850 *	SPACER - seat	4
15	C37851	SPRING - latch, seat lid	1
16	C37837	SPRING - bracket, lever lock	1
17	C37521	SWITCH - safety	1
18	C37631	GRIP - handle	2
19	NSS	CABLE - steering (5018) (see page 37)	2
19	C37705	CABLE - steering (5012, 5016)	2
20	C37616	CLAMP - steering cable	UAR
21	C37852	PROP - seat lid	1
22	C37848 *	KIT - seat slide rail (pair)	1
23	C37853	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	C42359	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	C44498	SPACER	1
42	C37787	GROMMET - 1/2" x 1"	UAR
42	C25165	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	C41956	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 BDS13)	
	C22947	TIE - nylon	1
48	C43137 **	SPRING - seat	2
49	C43438 **	KNOB - seat	4

* Use before S/N:

** Use S/N and after:

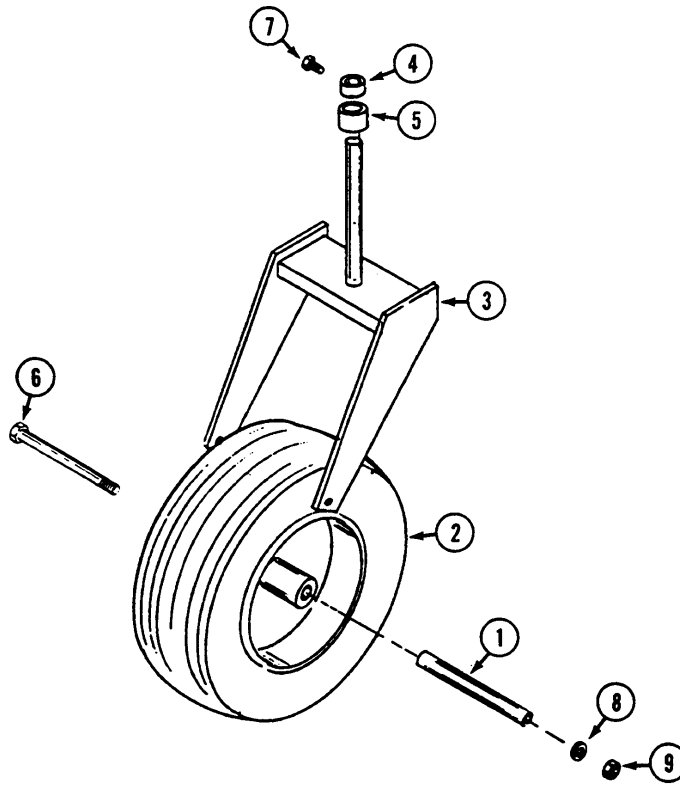
5012 - all before

5016 - 14178234

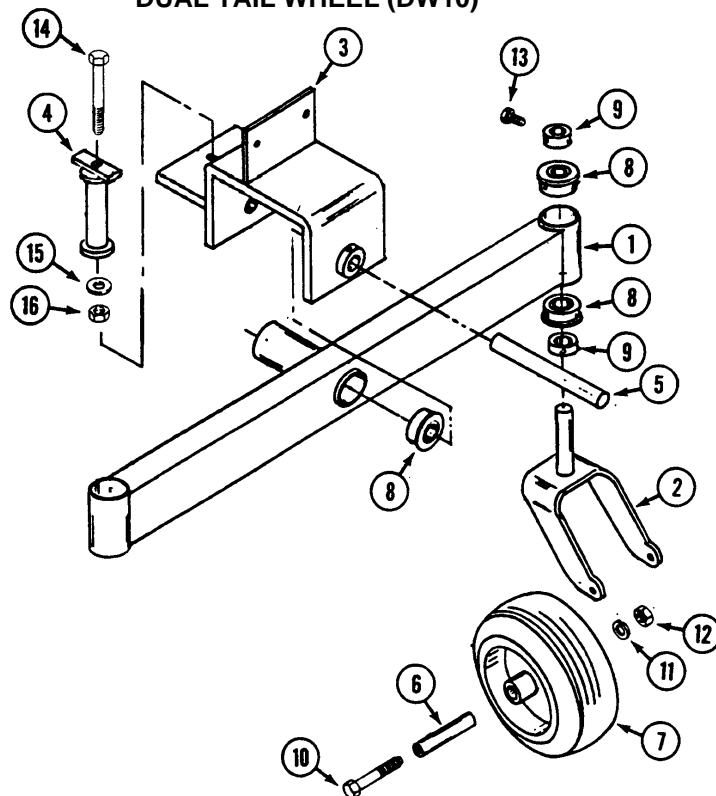
5018 - 14175495

MODEL 5012, 5016 AND 5018 FRONT CUT MOWERS

SINGLE TAIL WHEEL



DUAL TAIL WHEEL (DW10)



INDEX**MODEL 5012, 5016 AND 5018 FRONT CUT MOWERS****SINGLE TAIL WHEEL**

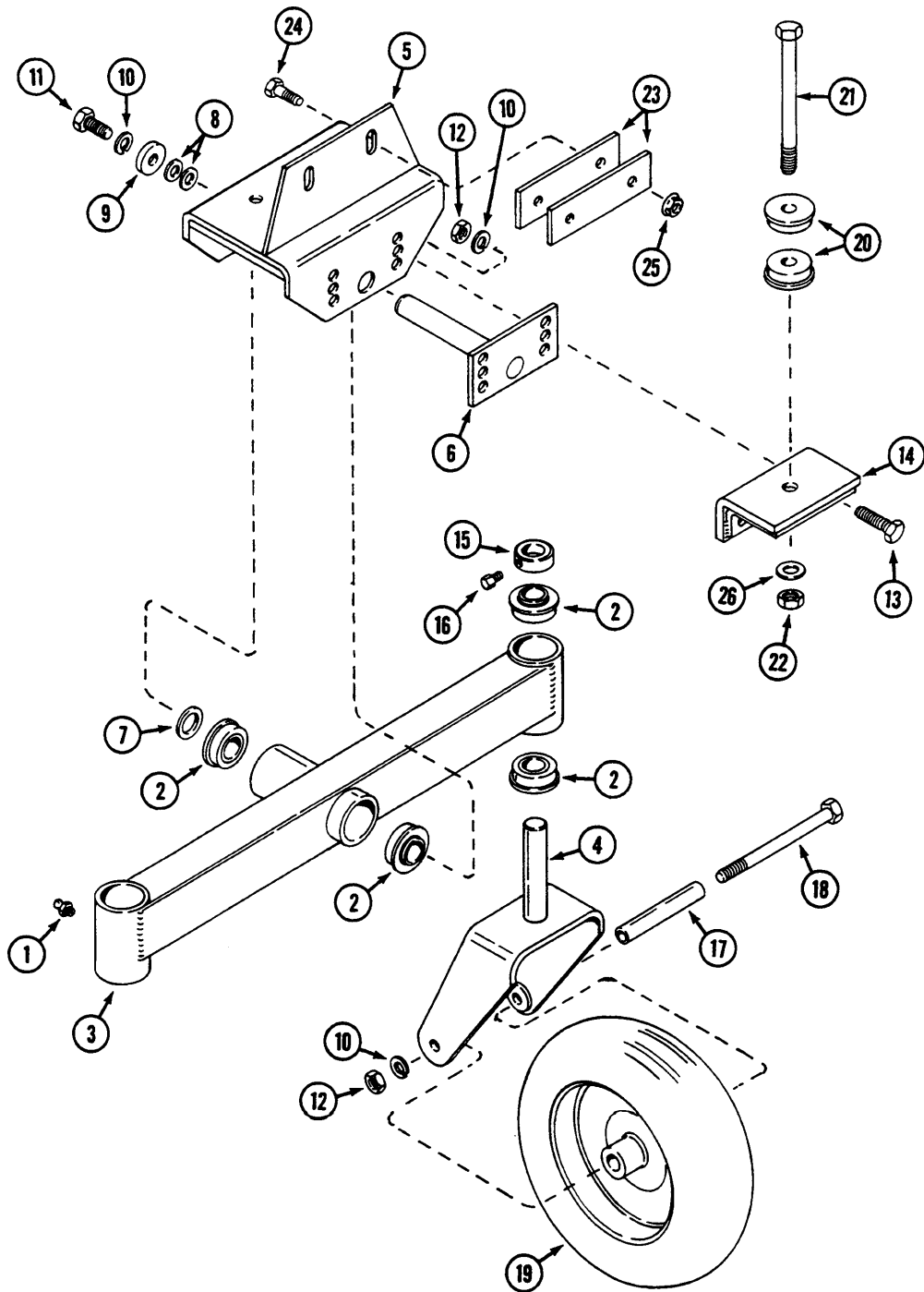
REF.	PART NO.	DESCRIPTION	REQ'D
1	C38027	AXLE - wheel (5012, 5016).....	1
1	C37854	AXLE - wheel (5018).....	1
2	C38028	WHEEL ASSEMBLY - tail (5012, 5016).....	1
	C42624	BEARING - wheel (5012, 5016).....	2
	C38029	TIRE - 15 x 6.00 - 6(5012, 5016).....	1
	C38232	RIM - 6" (5012, 5016) (includes bearings).....	1
2	C37855	WHEEL ASSEMBLY - tail (5018).....	1
	C42624	BEARING - wheel (5018).....	2
	C37857	TIRE - 15 x 6.50-8 (5018).....	1
	C37858	RIM - 8" (5018) (includes bearings).....	1
3	C39015	FORK - tail wheel (5012, 5016).....	1
3	C37859	FORK - tail wheel (5018).....	1
4	C37860	COLLAR - set 1".....	1
5	C37861	SPACER - tail wheel fork.....	1
6	C38055	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

INDEX**DUAL TAIL WHEEL (DW10)**

1	C37863	AXLE - dual wheel.....	1
2	NSS	FORK - tail wheel (use C45645 and 113-448).....	2
3	C37865	BRACKET - mounting.....	1
4	C37866	TUBE - block.....	1
5	C38230	PIVOT - axle.....	1
6	C37915	AXLE - wheel.....	2
7	C37869	WHEEL ASSEMBLY.....	2
	C37872	BEARING - wheel.....	2
	C37870	TIRE - 13 x 5.00 - 6.....	2
	C37871	RIM.....	2
8	C37824	BEARING - 1".....	6
9	C37860	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	C37756	SCREW - set 5/16" - 18 x 1/2" square head.....	4
	219-20	FITTING - grease 1/4" - 28 self tap (castor pivot).....	UAR
14	C38055	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

MODEL 5012, 5016 AND 5018 FRONT CUT MOWERS

DTW10 DUAL TAIL WHEEL

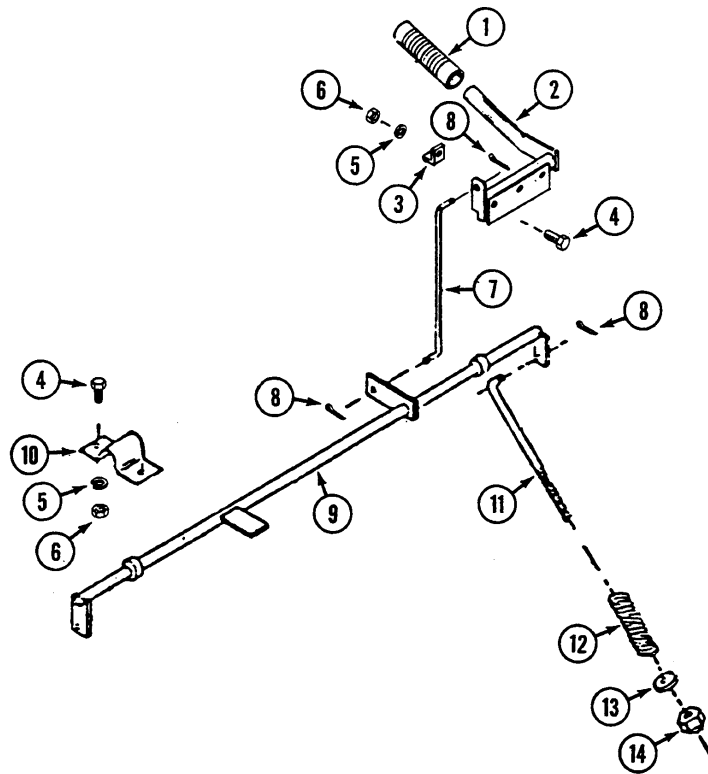


MODEL 5012, 5016 AND 5018 FRONT CUT MOWERS

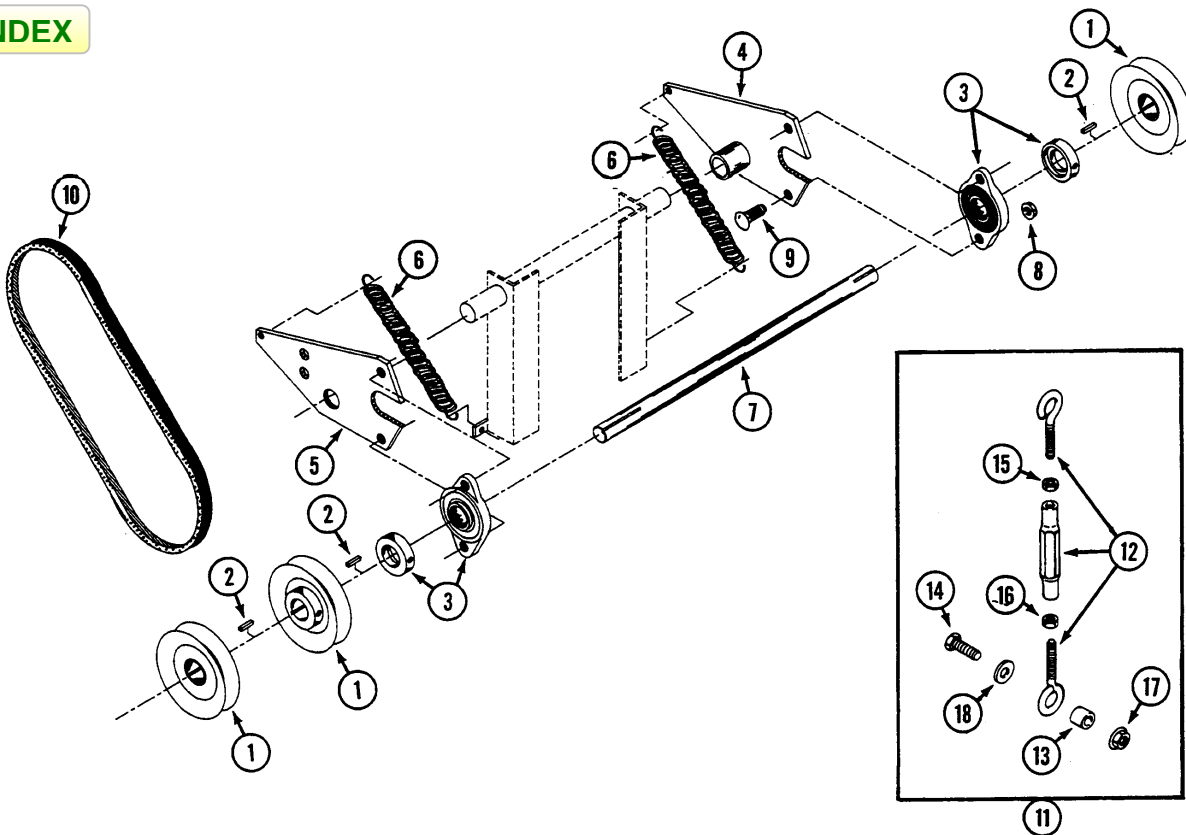
DTW10 DUAL TAIL WHEEL

REF.	PART NO.	DESCRIPTION	REQ'D
1	219-20	FITTING - lubrication 1/4" - 28	3
2	C37824	BEARING - ball 1"	6
3	C45610	AXLE - dual wheel.....	1
4	C45645	FORK - wheel.....	2
5	C45618	MOUNT - axle	1
6	C45689	ROD - axle pivot.....	1
7	C14919	WASHER - 1" x 1-3/4".....	UAR
8	C37004	WASHER - 1/2" x 1"	UAR
9	C45841	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"- 13x 1-3/4"	2
14	C45708	MOUNT - axle, front extension	1
15	C37860	COLLAR - set 1"	2
16	85-58	SCREW - set 5/16" - 18 x 1/2" square head.....	1
17	C37915	TUBE - axle.....	2
18	113-448	BOLT - 1/2" - 13 x 7"	2
19	C37869	WHEEL ASSEMBLY	2
	C37872	BEARING - wheel.....	2
	C37870	TIRE - 13 x 5.00 - 6	1
	C37871	RIM	1
20	C45711	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	C45746	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

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MODEL 5012, 5016 AND 5018 FRONT CUT MOWERS

PARKING BRAKE
(also see drive assembly)

REF.	PART NO.	DESCRIPTION	REQ'D
1	C37631	GRIP - handle	1
2	C37604	HANDLE - brake	1
3	C37630	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	C37606	ROD - brake (5012, 5016).....	1
7	C37822	ROD - brake (5018).....	1
8	132-332	PIN - cotter 3/32" x 1"	2
9	C37985	ROD - cross, brake (5018 brake rod not replaceable) (5012, 5016)	1
10	C37607	BEARING - cross rod (5012, 5016)	2
11	C37986	ROD - caliper (5018 see drive assembly) (5012, 5016)	2
12	C37987	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

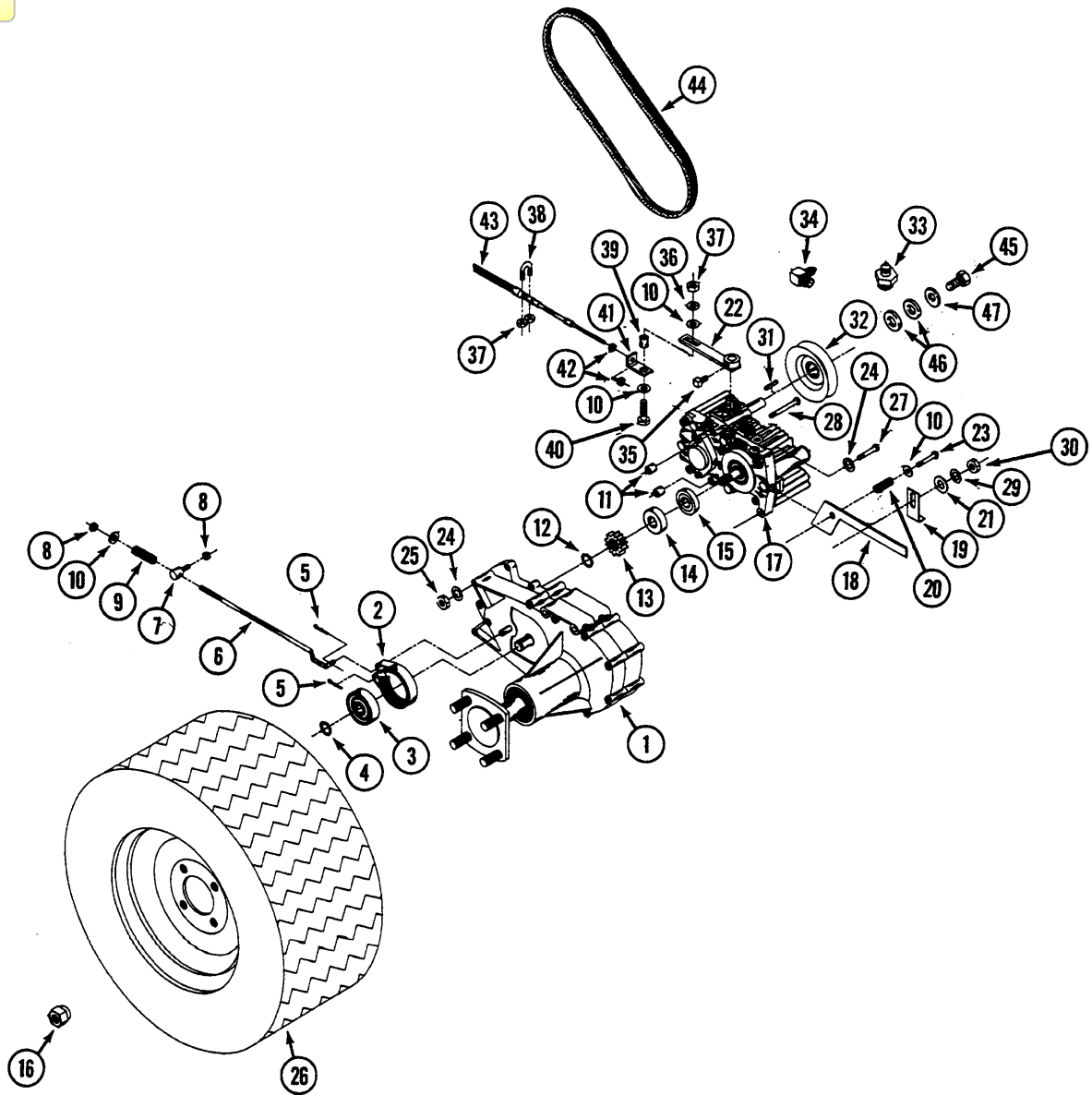
INDEX

PUMP DRIVE CROSS SHAFT
(5018)

1	C37770	PULLEY - 4" OD x 3/4" ID (use 83-55 set screw)	3
2	C29581	KEY - 3/16" x 3/16" x 1"	3
3	C37773	BEARING - flanged (includes locking collar)	2
4	C37774	MOUNT - bearing L.H	1
5	C37775	MOUNT - bearing R.H.....	1
6	C37776 *	SPRING - extension.....	2
7	C45777	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	C24342	BELT - drive (use PIN 14175410 and after) 36"	1
10	C38406 *	BELT - drive (use before PIN 14175410) 34"	1
11	C45420	KIT - belt tension	1
12	C45123	TURNBUCKLE	2
13	C45146	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.

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MODEL 5012, 5016 AND 5018 FRONT CUT MOWERS

DRIVE ASSEMBLY R.H.
(5018)

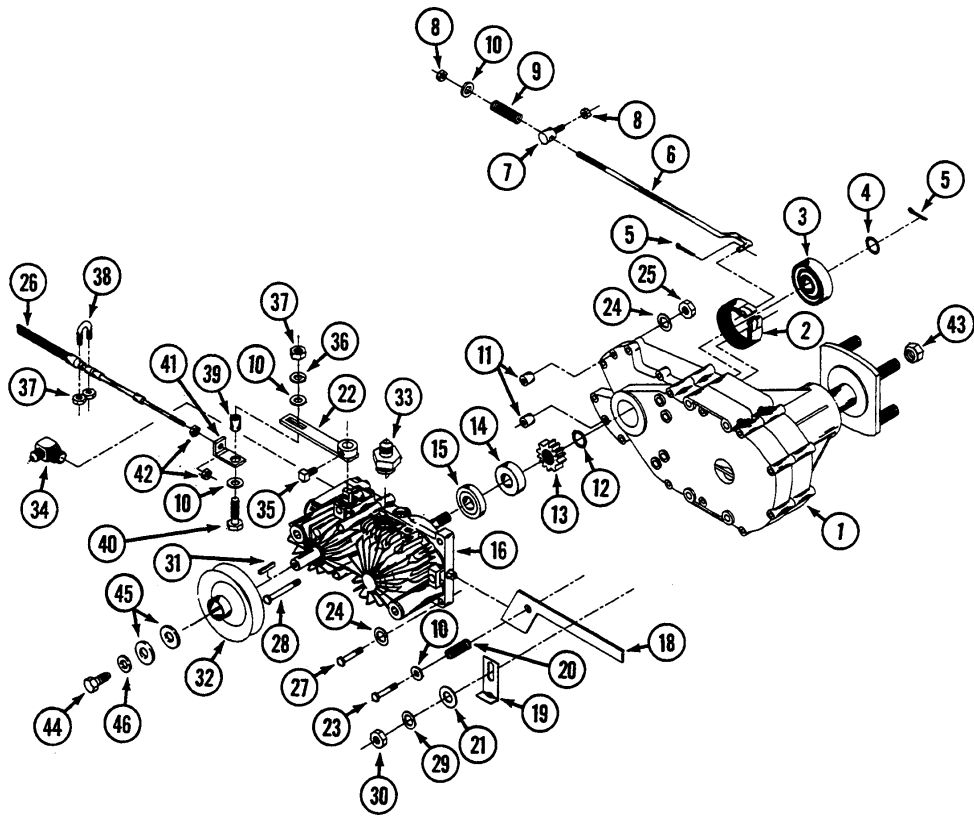
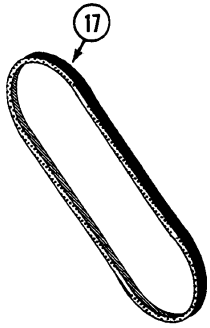
REF.	PART NO.	DESCRIPTION	REQ'D
1	C37729	TRANSMISSION - ZT	1
2	C37730	BAND - brake	1
3	C37731	DRUM - brake.....	1
4	C37732	RING - snap.....	1
5	132-332	PIN - cotter 1/8" x 1"	2
6	C37733	ROD - brake	1
7	C37724	COLLAR - brake rod.....	1
8	131-71	NUT - lock 1/4" - 20	2
9	C37725	SPRING.....	1
10	195-102	WASHER - 1/4".....	5
11	C37736	SPACER.....	2
12	C37737	RING - snap.....	1
13	C37738	GEAR	1
14	C37739	BEARING	1
15	C37740	SPACER.....	1
16	C37657	NUT - lug 112" - 20.....	4
17	C45399	PUMP - hydro R.H. (also use C45408 before S/N 14175499).....	1
18	C37742	LEVER - transmission dump (use before S/N 14175495) shown	1
19	C37743	BRACKET - dump lever stop	1
20	C37744	SPRING - compression	1
21	C37745	WASHER - 3/8".....	1
22	NSS	ARM - transmission (see page 37).....	1
23	C37747	BOLT - dump valve.....	1
24	192-21	LOCKWASHER - 5/16".....	4
25	129-103	NUT - 5/16" - 18.....	2
26	C37763	WHEEL ASSEMBLY.....	1
	C37652	TIRE - 18 x 9.50 - 8	1
	C37656	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	C37591	LOCKWASHER - 3/8".....	1
30	C37592	NUT - 3/8" - 16.....	1
31	C37752	KEY - 5 x 5 x 25 mm.....	1
32	NSS *	PULLEY - 4" OD x 15 mm ID (use C45272)	1
32	C45272 * *	PULLEY - 4" OD x 15 mm ID (also use C32199 set screw).....	1
33	C37754	ADAPTER	1
34	C37755	ADAPTER - 90°	1
35	C37756	SCREW - set 5/16" - 18 x 1/2" square head	1
36	C37757	LOCKWASHER - 1/4"	1
37	131-1102	NUT - 1/4" - 20.....	3
38	C37616	CLAMP - cable	1
39	C37615	BUSHING - cable.....	1
40	113-4	BOLT - 1/4" - 20 x 1"	1
41	C37614	BRACKET - cable end.....	1
42	193-1000	NUT - lock #10 - 32.....	4
43	NSS	CABLE - steering 58" (see page 37).....	1
44	C37761	BELT - pump drive.....	1
45	C45273	BOLT - M6 - 1.0 x 12m flange	2
46	195-2063	WASHER - 5/8" x 1".....	UAR
46	C25178	WASHER - 5/8" x 1" x .020".....	2
47	195-520	WASHER - 5/16" x 7/8".....	1
48	C45166	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

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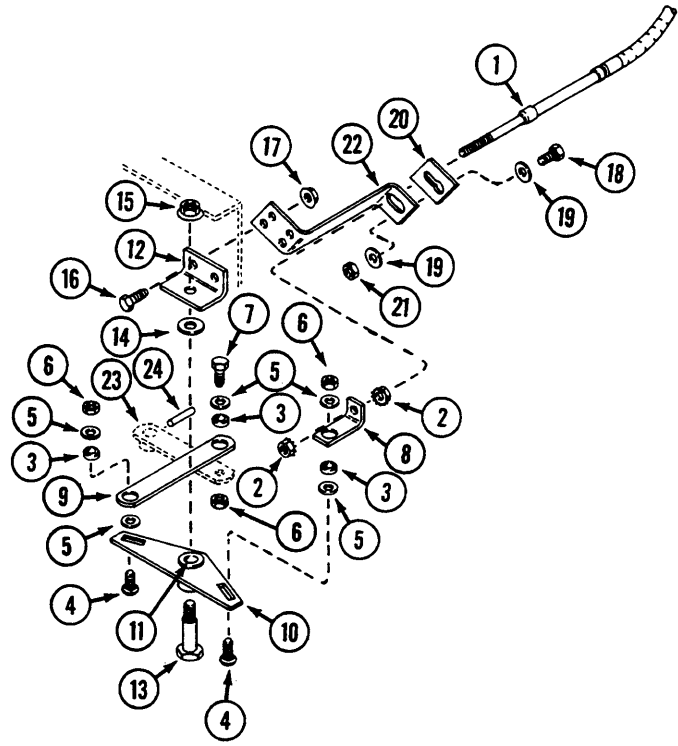
MODEL 5012, 5016 AND 5018 FRONT CUT MOWERS

DRIVE ASSEMBLY L.H.
(5018)

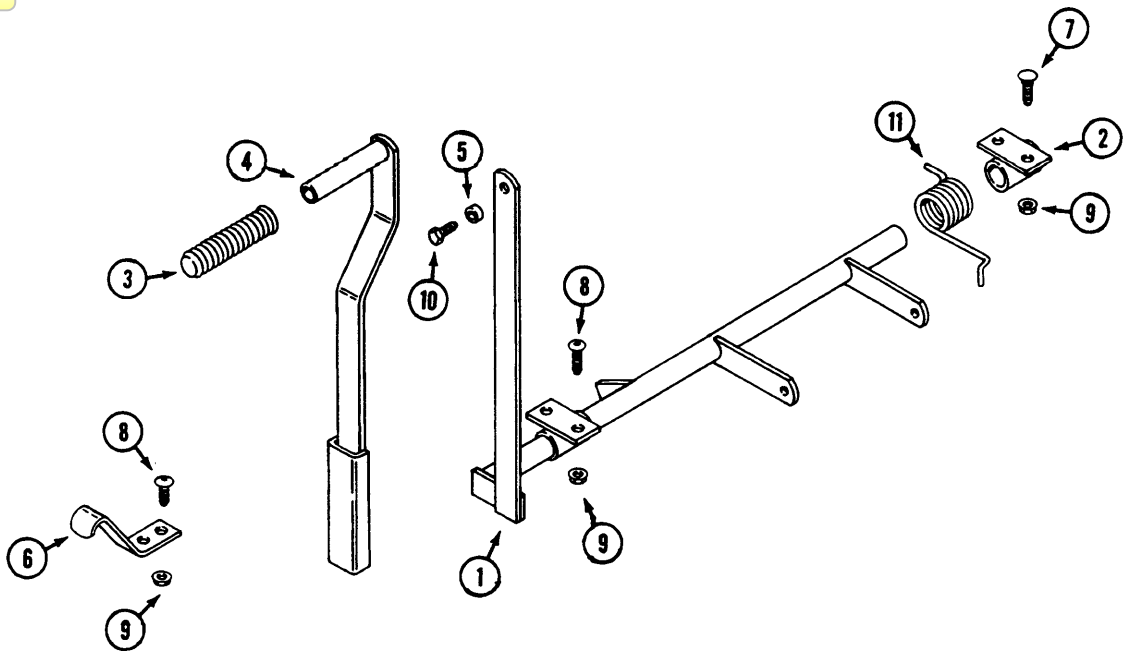
REF.	PART NO.	DESCRIPTION	REQ'D
1	C37729	TRANSMISSION - ZT	1
2	C37730	BAND - brake	1
3	C37731	DRUM - brake	1
4	C37732	RING - snap	1
5	132-332	PIN - cotter 1/8" x 1"	2
6	C37733	ROD - brake	1
7	C37724	COLLAR - rod	1
8	131-71	NUT - lock 1/4" - 20	2
9	C37725	SPRING	1
10	195-102	WASHER - 1/4"	5
11	C37736	SPACER	2
12	C37737	RING - snap	1
13	C37738	GEAR	1
14	C37739	BEARING	1
15	C37740	SPACER	1
16	C45398	PUMP - hydro L.H. (also use C45408 before S/N 14175499)	1
17	C37761	BELT - pump drive	1
18	C37742	LEVER - transmission dump (use before S/N 14175495) shown	1
18	C45165	LEVER - transmission dump (use S/N 14175495 and after)	1
19	C37743	BRACKET - dump lever stop	1
20	C37744	SPRING - compression	1
21	C37765	WASHER - 3/8"	1
22	NSS	ARM - transmission (see page 37)	1
23	C37748	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)	1
27	113-120	BOLT - 5/16" - 18x 1-3/4"	2
28	C37751	BOLT - 5/16" - 18 x 7-1/2"	2
29	C37591	LOCKWASHER - 3/8"	1
30	C37592	NUT - 3/8" - 16	1
31	C37752	KEY - 5 x 5 x 25 mm	1
32	NSS *	PULLEY - 4" OD x 15 mm ID (use C45272)	1
32	C45272	PULLEY - 4" OD x 15 mm ID (also use C322199 set screw)	1
33	C37754	FITTING - male adapter	1
34	C37755	FITTING - male adaptor 90°	1
35	C37756	SCREW - set 5/16" - 18 x 1/2" square head	1
36	C37757	LOCKWASHER - 1/4"	1
37	131-1102	NUT - 1/4" - 20	3
38	C37616	CLAMP - cable	1
39	C37615	BUSHING - cable	1
40	113-4	BOLT - 1/4" -20 x 1"	1
41	C37614	BRACKET - cable end	1
42	193-1000	NUT - lock #10 - 32	4
	C37763	WHEEL ASSEMBLY - not shown	1
	C37652	TIRE - 18 x 9.50-8	1
	C37656	RIM - wheel	1
43	C37657	NUT - lug 1/2" - 20	4
44	C45273	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.

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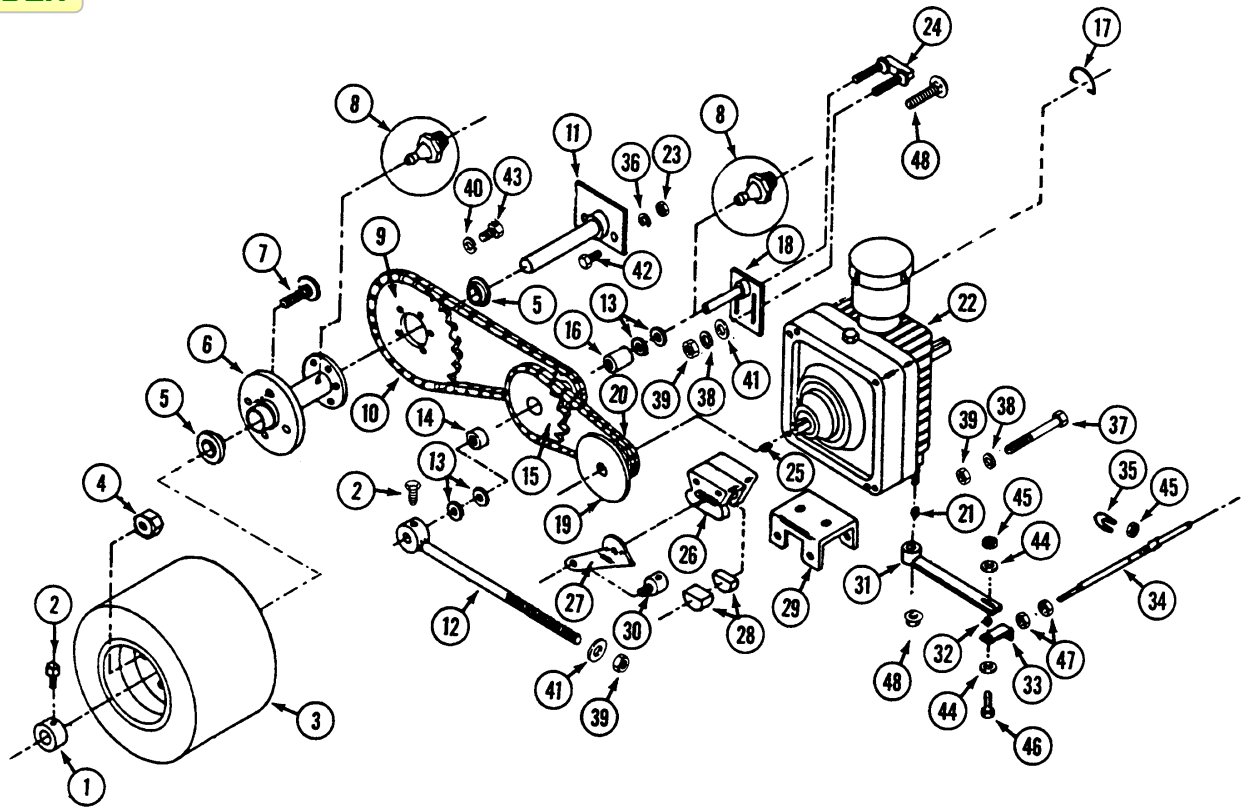
INDEX**MODEL 5012, 5016 AND 5018 FRONT CUT MOWERS****C43293 STEERING CABLE KIT
(includes cables and hardware for both sides)**

REF.	PART NO.	DESCRIPTION	REQ'D
1	C42894	CABLE - steering 46"	2
2	C37598	NUT - #10-32	8
3	C42895	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" - 20x 1"	2
8	C42896	BRACKET - steering cable end	4
9	C42897	LINK - control cable.....	2
10	C42898	BELLCRANK.....	2
11	C16714	BUSHING	1
12	C42901	BRACKET - bell crank mounting	2
13	C16745	BOLT - shoulder	2
14	195-533	WASHER - 112"	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	C42903	PLATE - cable mounting	2
21	131-71	NUT - 1/4" - 20 lock	2
22	C42902	BRACKET - cable mounting.....	2
23	C42904	ARM - transmission.....	2
24	C34173	PIN - spring	2

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

1	C44942	LEVER - lift.....	1
2	C44948	PIVOT - lift.....	1
3	C37631	GRIP - handle	1
4	C44949	EXTENSION - lift lever, upper.....	1
5	C42895	BUSHING	1
6	C44952	BRACKET - lever lock down	1
7	111-132	BOLT - carriage 5/16" - 18 x 3/4"	4
8	C42056	SCREW - 5/16" - 18 x 5/8" allen head	2
8	C44959	SCREW - 5/16" - 18 x 3/4"	4
9	131-911	NUT - 5/16" - 18 flange lock	8
10	113-1	BOLT- 1/4" - 20x 1/2"	1
11	C45120	SPRING - torsion	1

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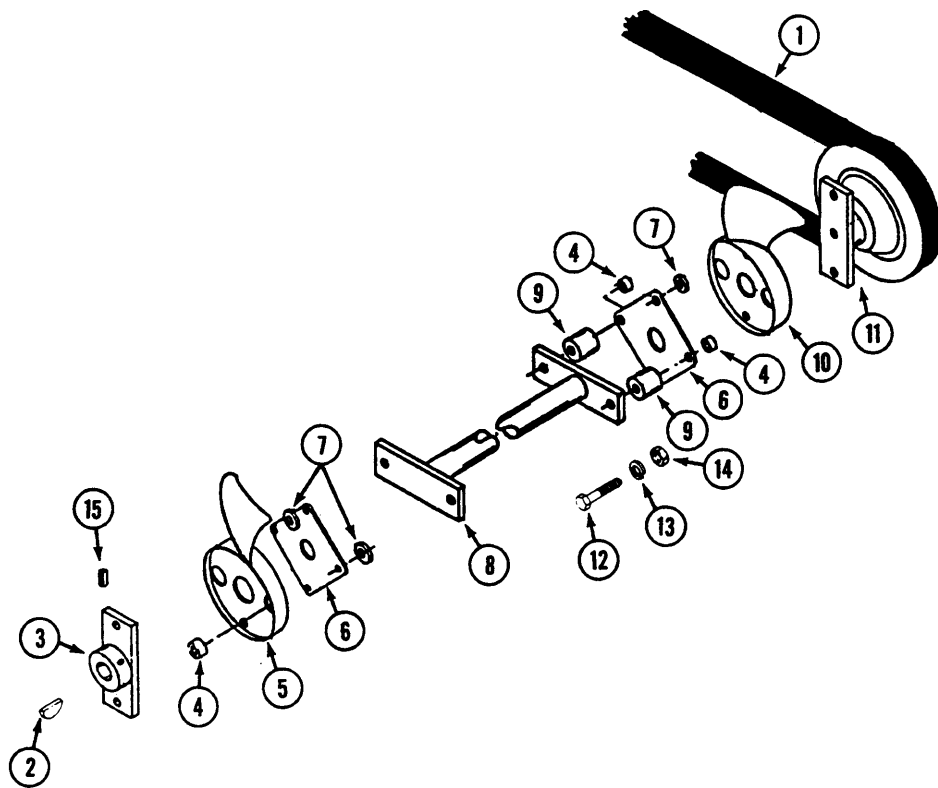


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**TRANSMISSION AND DRIVE CHAINS
(5012, 5016)**

REF.	PART NO.	DESCRIPTION	REQ'D
1	C37860	COLLAR - set 1"	2
2	C37756	SCREW - set 5/16" - 18 x 1/2" square head	2
3	C37988	WHEEL ASSEMBLY - drive.....	2
	C37989	TIRE - 16 x 7.50 - 8.....	1
	C37990	RIM - wheel.....	1
4	C37657	NUT - lug 1/2" - 20	8
	C37992	HUB ASSEMBLY (5012)	2
5	C37824	BEARING - wheel.....	2
6	C37991	HUB - wheel (5012).....	1
6	C38993	HUB - wheel (5016).....	2
7	C37661	BOLT - lug 1/2" - 20 x 1-1/4"	4
8	C37993	FITTING - grease 1/4" - 28 self tapping.....	1
9	C37994	SPROCKET - final drive	1
10	C37996	CHAIN - final drive (5012).....	2
10	C44081	CHAIN - final drive, No. 40 (5016)	2
	C28983	LINK - offset (5016)	1
	C28982	LINK - connecting (5016).....	1
11	C37997	AXLE - drive wheel (5012).....	2
11	C38859	AXLE - drive wheel (5016).....	2
12	C37998	COLLAR - support	2
13	C37999	WASHER - 3/4" 10 gage.....	8
14	C38000	BEARING - idler sprocket 1/2".....	2
15	C38002	SPROCKET - idler (includes bearings).....	1
16	C38003	BEARING - idler sprocket 3/4"	2
17	C38004	CLIP - transmission dump valve	2
18	C38005	SHAFT - idler sprocket	2
19	C38006	SPROCKET - transmission (includes brake disc).....	2
20	C38007	CHAIN - primary drive (5012)	2
20	C44083	CHAIN - primary drive No. 40 (5016).....	2
	C28982	LINK - connecting (5016).....	1
21	C37665	KEY - 1/8" x 3/8" Woodruff.....	2
22	C38008	TRANSMISSION L.H. (shown) (CW).....	1
22	C38009	TRANSMISSION - R.H. (CCW).....	1
	C38010	DIAPHRAGM - transmission.....	1
	C38011	KIT - seal	1
	C38012	KIT - reservoir, transmission	1
23	129-105	NUT-1/2"-13.....	4
24	C38013	BAR - bolt	2
25	C37664	KEY - woodruff 1/8" x 1/2"	2
	C37626	BRAKE ASSEMBLY - L.H	1
	C37625	BRAKE ASSEMBLY - R.H.....	1
26	C37727	CALIPER - brake	1
27	C38016	LEVER - caliper L.H.....	1
27	C38017	LEVER - caliper R.H.....	1
28	C37627	PAD - brake (set).....	1
29	C38018	BRACKET - caliper	1
30	C37724	COLLAR - caliper rod.....	1
31	C37698	ARM - transmission L.H.....	1
31	C37699	ARM - transmission R.H	1
32	C42895	BUSHING - cable end (5012 - also use C42896)	2
33	C42896	END - steering cable (5012 - also use C42895)	2
34	C37705	CABLE - steering	2
35	C37616	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

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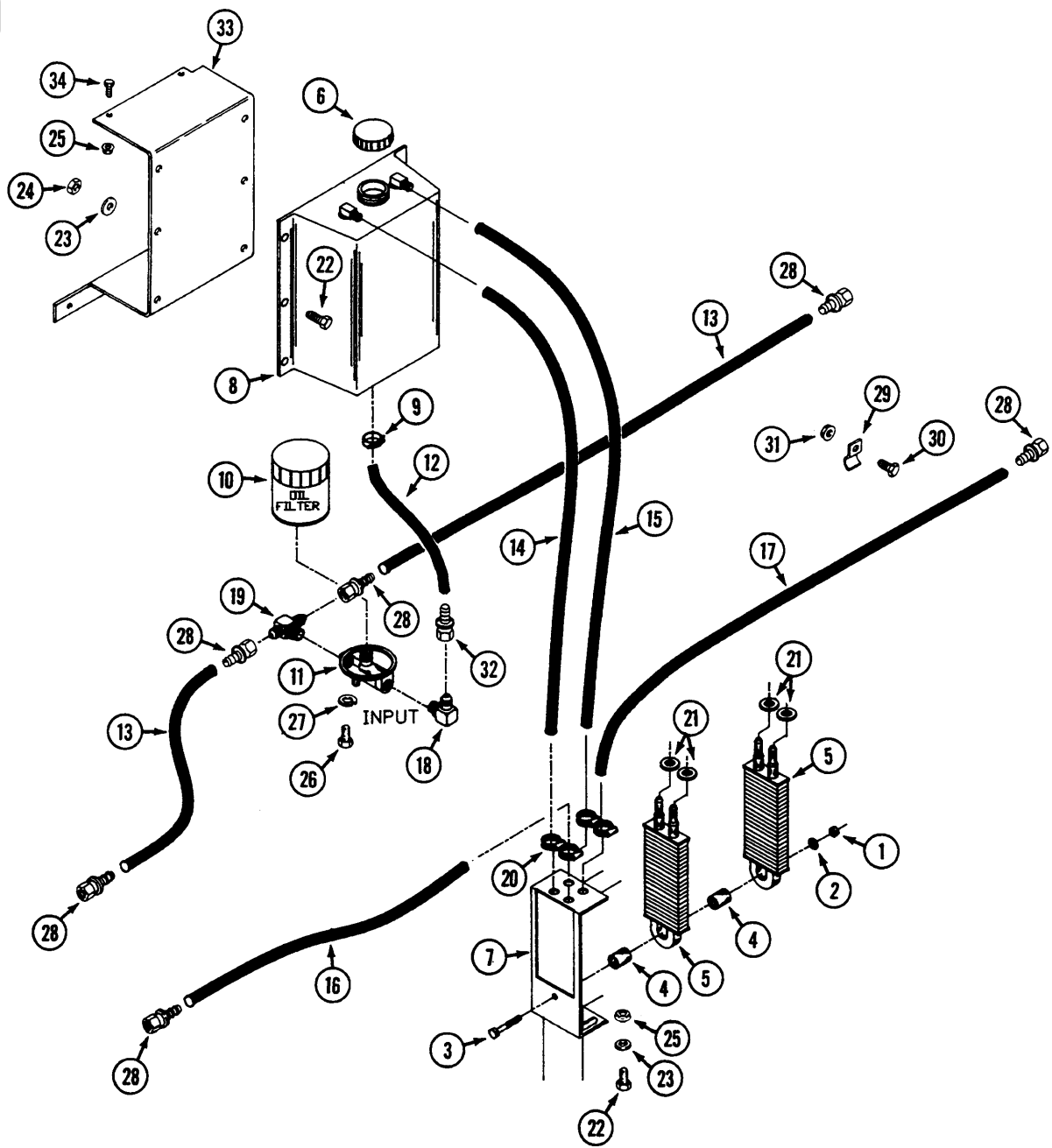
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MODEL 5012, 5016 AND 5018 FRONT CUT MOWERS

**CROSS SHAFT (TRANSMISSION)
(5012, 5016)**

REF.	PART NO.	DESCRIPTION	REQ'D
1	C37995	BELT - transmission drive	1
2	C37664	KEY - woodruff 1/8" x 1/2	2
3	C37694	HUB - drive plate	1
4	C37702	SPACER - bolt	4
5	C38014	FAN - CCW	1
6	C37700	PLATE - drive	2
7	C37704	WASHER - 1/4" 10 gage	6
8	C38015	SHAFT - cross	1
9	C37703	SPACER	2
10	C38019	FAN - CW	1
11	C37695	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

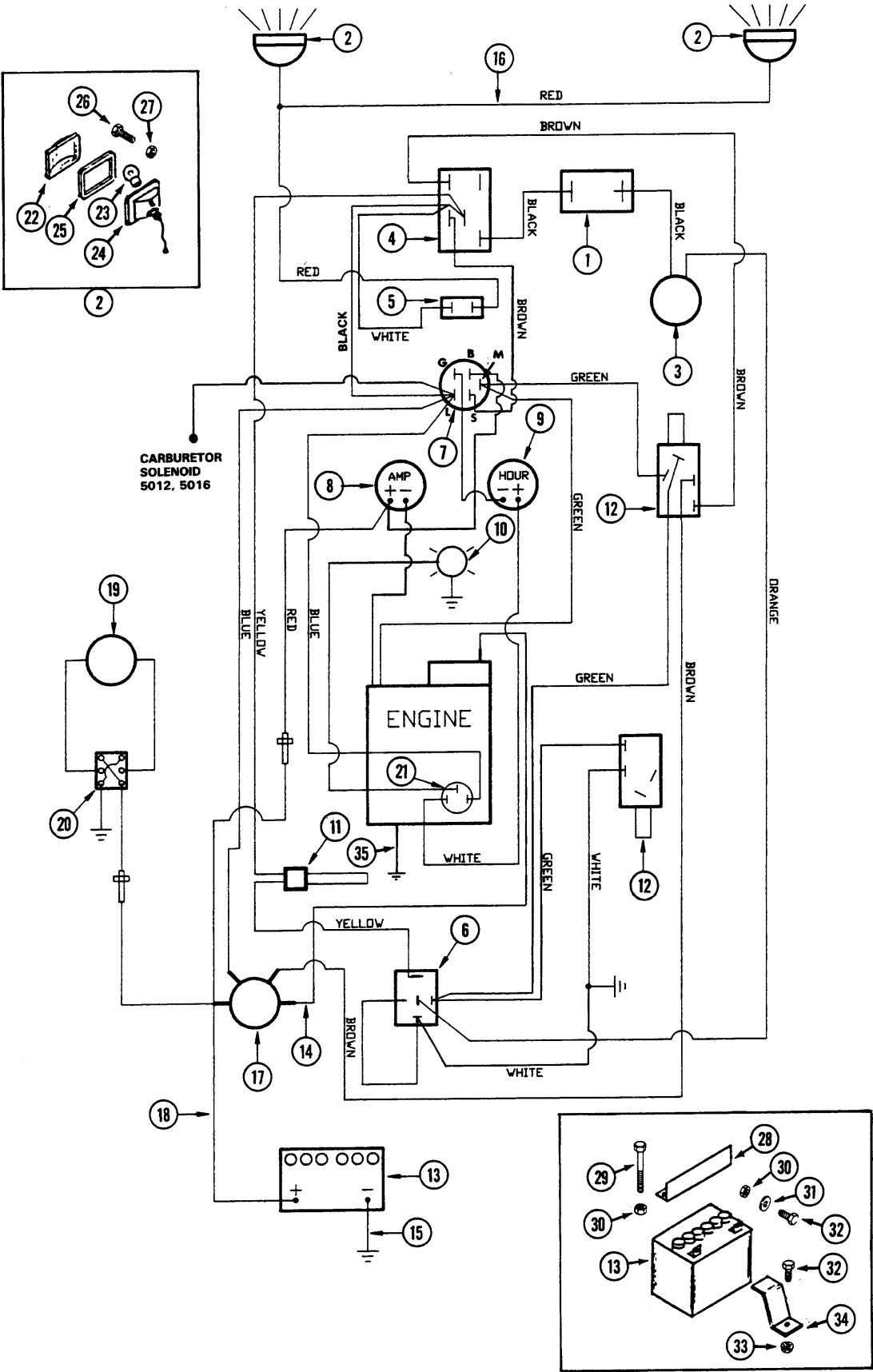
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MODEL 5012, 5016 AND 5018 FRONT CUT MOWERS

**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	C45495	BUSHING - rubber	2
5	C37769	COOLER - oil	2
6	C37639	CAP - oil tank	1
7	C37772	MOUNT - oil cooler	1
8	C37778	TANK - oil	1
9	214-254	CLAMP - hose 5/8"	2
10	C37637	FILTER - oil	1
11	C37636	HEAD - oil filter	1
12	C42785	HOSE - 518" x 11" (12" cut to length)	1
13	C42784	HOSE - hydraulic 3/8" x 13" (48" cut to length)	1
14	C42784	HOSE - hydraulic 3/8" x 25" (48" cut to length)	1
15	C42784	HOSE - hydraulic 3/8" x 27" (48" cut to length)	1
16	C42784	HOSE - hydraulic 3/8" x 38" (48" cut to length)	1
17	C42784	HOSE - hydraulic 3/8" x 24" (48" cut to length)	1
18	C37642	FITTING - male 900 adapter	1
19	C37785	FITTING - male tee adapter	1
20	214-274	CLAMP - hose 3/8"	4
21	C37787	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	C41931	BOLT - 1/4" - 20 x 3/4" self-tap	2
27	192-19	LOCKWASHER - 1/4"	2
28	C41986	FITTING - 3/8" hose barb x 3/8" FM JIC	6
29	C32455	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	C41978	FITTING - 5/8" hose barb x 1/2" FM JIC	1
33	C37807	MOUNT - oil tank	1
34	113-3	BOLT - 1/4" - 20 x 1/2"	4



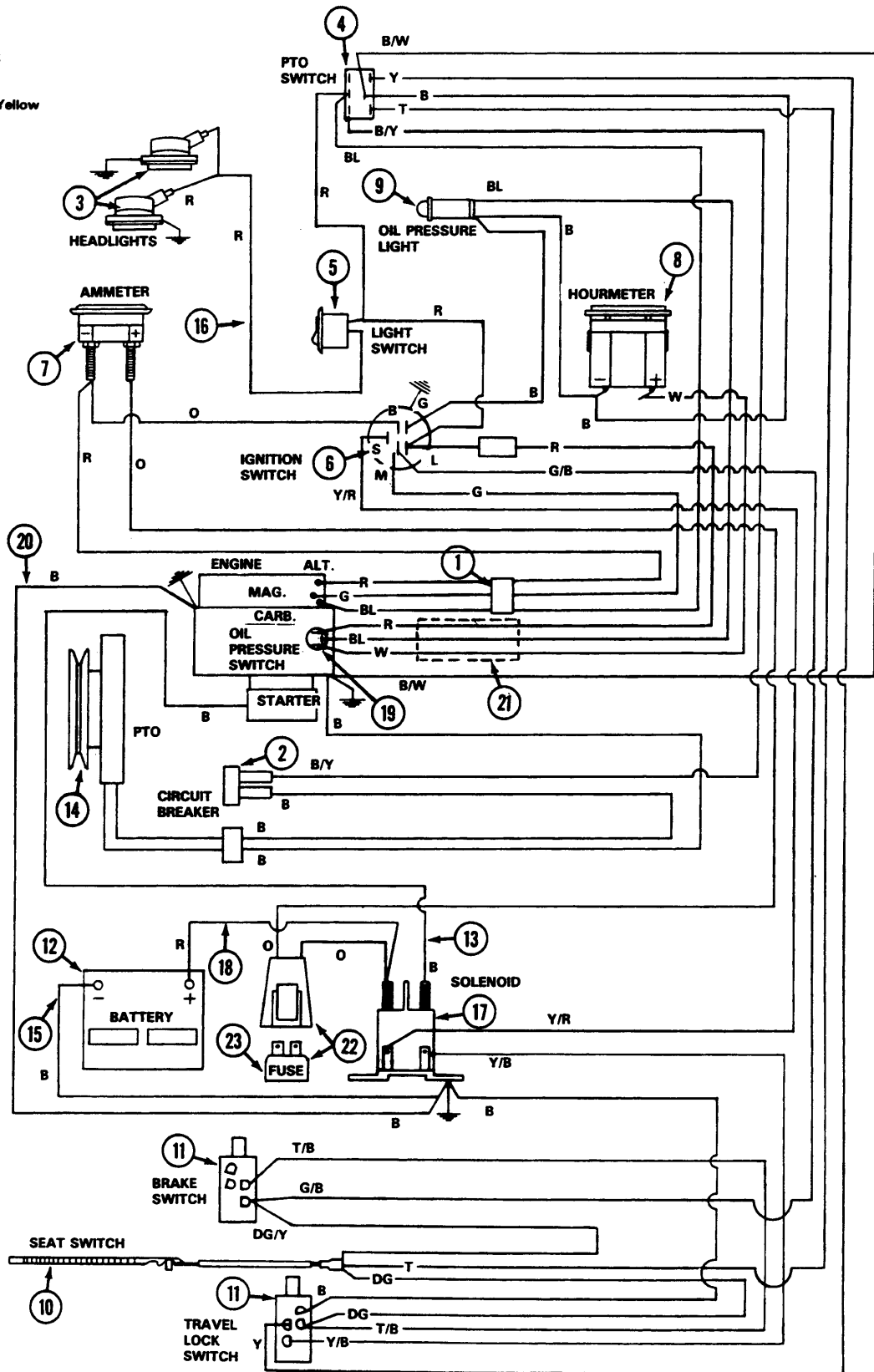
WIRING DIAGRAM
5012 - All
5016, 5018 - before S/N 14175541

AFTER THIS PIN

REF.	PART NO.	DESCRIPTION	REQ'D
	C42241	HARNESS - wire	1
1	C37505	BREAKER - circuit, 10 amp	1
2	NSS	HEADLIGHT - (use C32178 and C44075)	2
3	C37511	CLUTCH - PTO, electric	1
4	C31937	SWITCH - PTO (also see nut and cap below)	1
	C44469	NUT - 1/2" - 27 (PTO switch)	2
	C31619	CAP - PTO switch	1
5	C37514	SWITCH - headlight	1
6	C37515	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	C24145	SWITCH - ignition	1
	193-63	WASHER - 5/8" lock (ignition switch)	1
	C32396	NUT - 5/8" - 32 (ignition switch)	1
	C32407	KEY - ignition (ignition switch)	2
	C32397	CAP - nut (ignition switch)	1
8	C37517	AMMETER	1
9	C37518	METER - hour	1
10	C37519	LIGHT - oil	1
11	C37520	SWITCH - seat	1
12	C37521	SWITCH - safety (enlarge mounting hole if required)	2
13	C41010	BATTERY - 12 volt	1
14	C37523	WIRE - starter	2
15	C37528	CABLE - ground	1
16	C37525	WIRE - headlight (with female terminals) early production	1
16	C44075	WIRE - headlight (with 2 male spade terminals)	1
17	C37526	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	C37523	WIRE - battery positive to solenoid	1
19	C37529	ACTUATOR - electric lift (model EDL) (for model BEPL see page 49)	1
20	C37530	SWITCH - deck lift (model EDL) (for model BEPL see page 49)	1
21	C37531	SWITCH - oil light	1
22	C37507	LENS - headlight	2
23	C37508	BULB - headlight	2
24	C37509	RECEPTICAL - headlight	2
25	C37510	GASKET - headlight	2
26	113-4	BOLT - 1/4" - 20 x 1"	2
27	129-101	NUT - 1/4" - 20	2
28	C37983	BRACKET - battery hold down	1
29	C38677	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	C41643	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

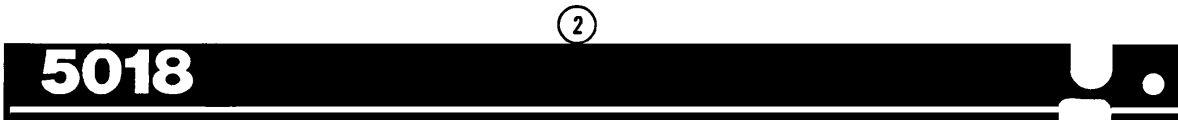


MODEL 5012, 5016 AND 5018 FRONT CUT MOWERS

**ELECTRICAL SYSTEM
5016, 5018 - S/N 14175541 AND AFTER**

BEFORE THIS PIN

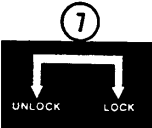
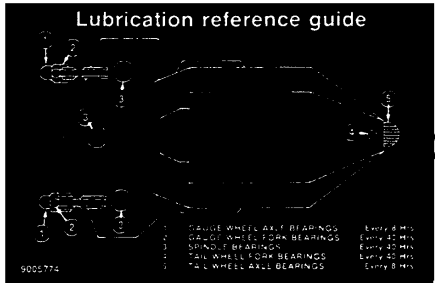
REF.	PART NO.	DESCRIPTION	REQ'D
	C45535	HARNESS - wire, main	1
1	C45539	HARNESS - wire, alternator and magneto.....	1
2	C37505	BREAKER - circuit, 10 amp	1
3	C32178	HEADLIGHT.....	2
	C22573	LENS - headlight.....	1
	C37508	BULB - headlight.....	1
	C37509	RECEPTICAL	1
	C14304	GASKET - headlight	1
4	C31937	SWITCH - PTO (also use C31619 Cap)	1
	C44469	NUT - 1/2" - 27 (Black) PTO switch retaining.....	2
5	C43044	SWITCH - headlight	1
6	C30267	SWITCH - ignition	1
	C32407	KEY - ignition	1
	C32397	CAP - nut, ignition switch	1
	193-63	LOCKWASHER - 5/8"	1
	C32396	NUT - 5/8" - 32 ignition switch.....	1
7	C29413	AMMETER	1
8	C42929	METER - hour	1
9	C45536	LIGHT - oil.....	1
10	C45537	SWITCH - seat	1
11	C37521	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 112" (safety switch mount)	2
12	C41010	BATTERY - 12 volt.....	1
13	C44261	WIRE - starter	1
14	C37511	CLUTCH - PTO	1
15	C37528	CABLE - ground.....	1
16	C44075	WIRE - headlight.....	1
17	C33024	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	C37523	CABLE - battery positive to solenoid	1
19	C37531	SWITCH - oil light.....	1
20	C41643	WIRE - ground	1
21	C42240	HARNESS - oil pressure switch	1
22	C31947	KIT - fuse holder.....	1
23	C30260	FUSE - 30 amp	1



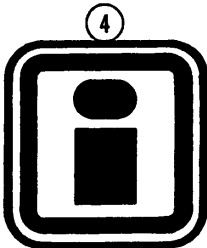
INGERSOLL

6 CAUTION
THIS MACHINE HAS AN IGNITION INTER LOCK SAFETY SYSTEM. ALL CONTROLS MUST BE IN NEUTRAL BEFORE THE ENGINE WILL START.

9 DANGER
ENGINES PRODUCE CARBON MONOXIDE WHICH IS AN ODORLESS DEADLY POISON. DO NOT OPERATE IN AN ENCLOSED AREA.



11 CAUTION! TRANSMISSION COOLER MUST BE KEPT CLEAN
->>> SEE OPERATORS MANUAL <<<<

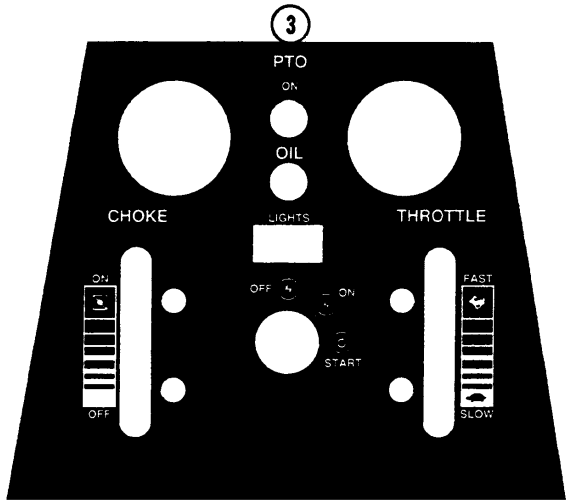


5 OPERATION OF CONTROLS

CAUTION! READ OPERATING MANUAL BEFORE OPERATING THIS MACHINE.

CONTROL THE SPEED THROUGH THE USE OF TRANSMISSION CONTROL ONLY.

FORWARD	:
NEUTRAL	:
REVERSE	:



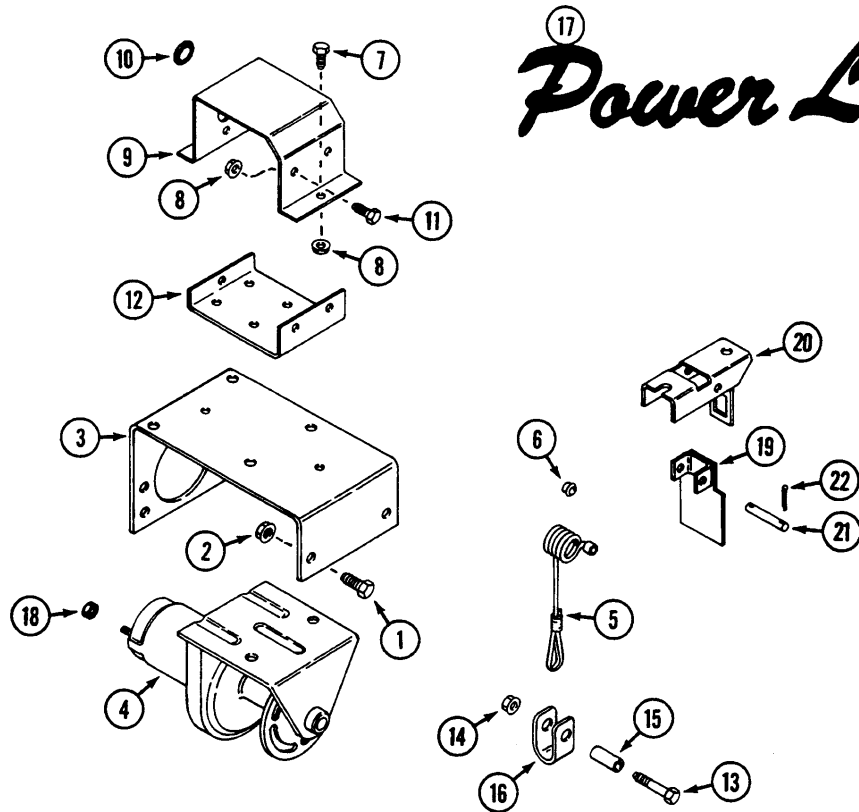
MODEL 5012, 5016 AND 5018 FRONT CUT MOWERS

DECALS

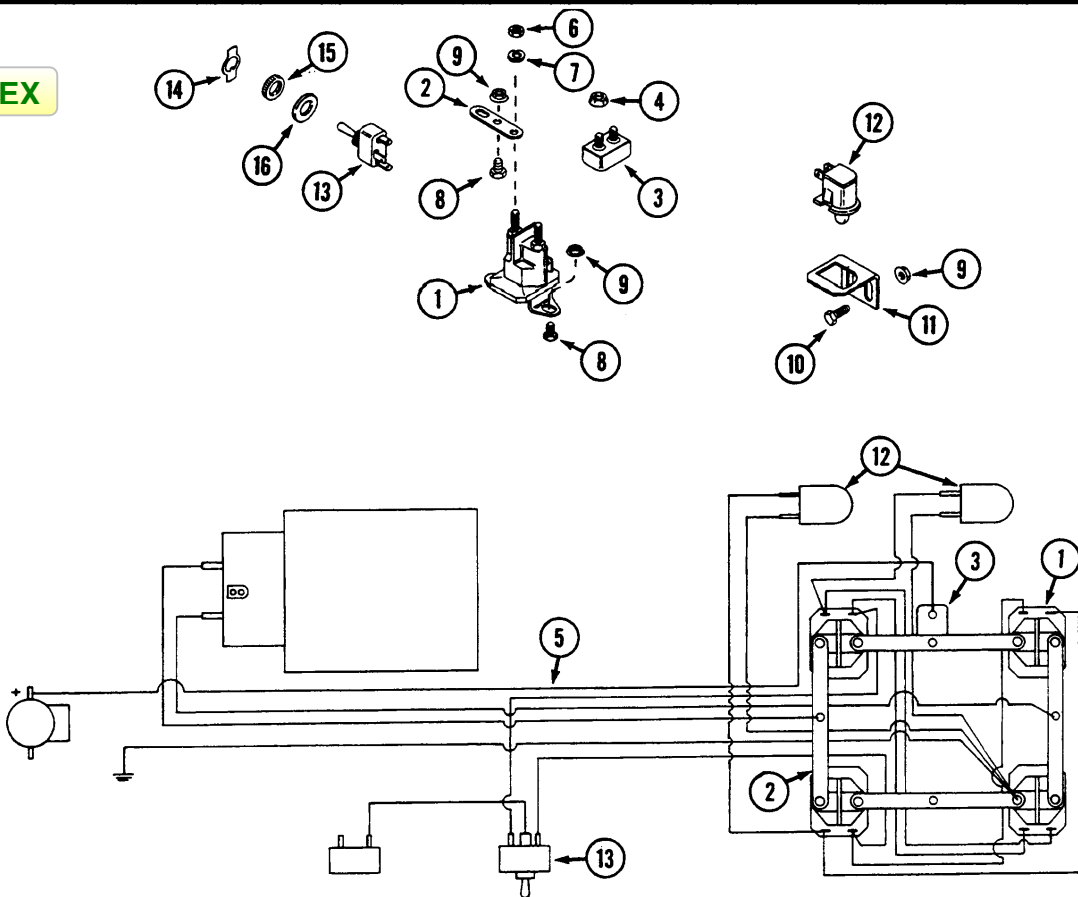
REF.	PART NO.	DESCRIPTION	REQ'D
1	C39527	DECAL - front side R.H. (shown)	1
1	C39528	DECAL - front side L.H.....	1
2	C39529	DECAL - rear side L.H. (5018)	1
2	C39531	DECAL - rear side R.H. (shown) (5018)	1
3	C40954	DECAL - instrument panel	1
4	C37464	MEDALLION - "Ingersoll"	1
5	C37495	DECAL - operation	1
6	C37496	DECAL - caution interlock	1
7	C37502	DECAL - unlock/lock	1
8	C37498	DECAL - run/park	1
9	C37500	DECAL - danger carbon monoxide	1
10	C38807	DECAL - lubrication (5018)	1
11	C37504	DECAL - clean cooler (5018)	1
12	C39532	DECAL - rear side L.H. (5012)	1
12	C39530	DECAL - rear side R.H. (shown) (5012)	1
13	C43404	DECAL - rear side L.H. (5016)	1
13	C43405	DECAL - rear side R.H. (5016) shown	1

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Power Lift



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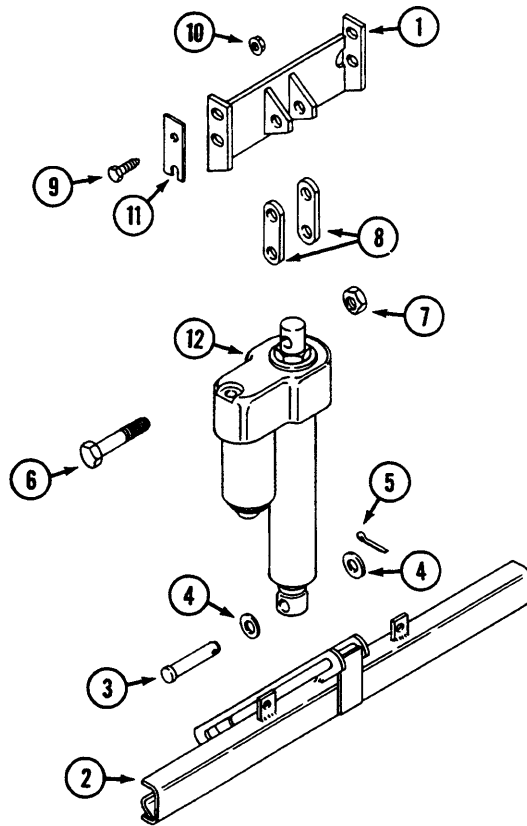
INDEX**MODEL BEPL ELECTRIC DECK LIFT****WINCH**

REF.	PART NO.	DESCRIPTION	REQ'D
1	113-207	BOLT - 3/8" - 16 x 1"	6
1	C44489	SCREW - 3/8" - 16 x 1" socket head.....	2
2	131-938	NUT - 3/8" - 16 flange lock.....	8
3	C43967	MOUNT - winch.....	1
4	C43958	WINCH - deck lift.....	1
5	C43375	CABLE.....	1
6	C43992	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	C43962	COVER - solenoid.....	1
10	C43964	GROMMET - 1" x 7/8"	1
11	113-1	BOLT - 1/4" - 20 x 1/2"	3
12	C43963	MOUNT - solenoid	1
13	113-219	BOLT - 3/8" - 16 x 2"	1
14	131-1352	NUT - 3/8" - 16 lock.....	1
15	C43961	SPACER.....	1
16	C43960	STRAP - lift.....	1
17	C43412	DECAL - "Power Lift".....	1
18	193-1000	NUT - #10 - 32	2
19	C44361	ARM - trip	1
20	C44364	MOUNT - trip arm.....	1
21	C44367	PIN - pivot.....	1
22	132-6	PIN - cotter 1/16" x 5/8"	2

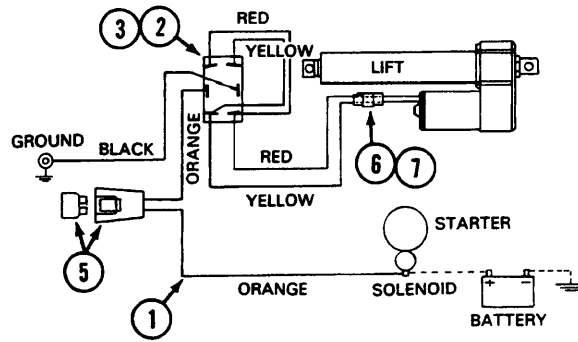
INDEX**ELECTRICAL ASSEMBLY**

1	C33024	SOLENOID - 12V	4
2	C43966	STRAP	4
3	C43983	BREAKER - 40 amp, 12V	1
4	193-1000	NUT - #10-32	2
5	C43969	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	C43965	BRACKET - switch	2
12	C33744	SWITCH - limit	2
13	C43985	SWITCH - lift	1
14	NSS	PLATE - switch identification (early production)	1
14	C44495	DECAL - switch identification (current production)	1
15	C44471	NUT - 15/32" - 32, switch	1
16	195-529	WASHER - 1/2"	1

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MODEL 5012, 5016 AND 5018 FRONT CUT MOWERS

**ELECTRIC DECK LIFT
CYLINDER STYLE**

REF.	PART NO.	DESCRIPTION	REQ'D
1	C45697	MOUNT - cylinder	1
2	C45700	BAR - cross	1
3	C29804	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	C45768	LINK - spacer	UAR
9	113-103	BOLT - 5/16" - 18 x 1"	4
10	131-911	NUT - 5/16" - 18 flange lock	4
11	C45766	SHIM - cylinder mount	UAR
12	C45706	CYLINDER - lift	1

INDEX

**ELECTRICAL SYSTEM (DECK LIFT)
CYLINDE STYLE**

1	C45705	HARNESS - wire	1
2	C45775	SWITCH	1
3	C45780	NUT - 15/32" - 32 with boot (switch mounting)	1
4	C44495	DECAL - lift switch	1
5	C30261	HOLDER - fuse	1
5	C30260	FUSE - 30 amp	1
6	C24813	CONNECTOR - wire harness	1
7	C31948	CONNECTOR - lift actuator	1