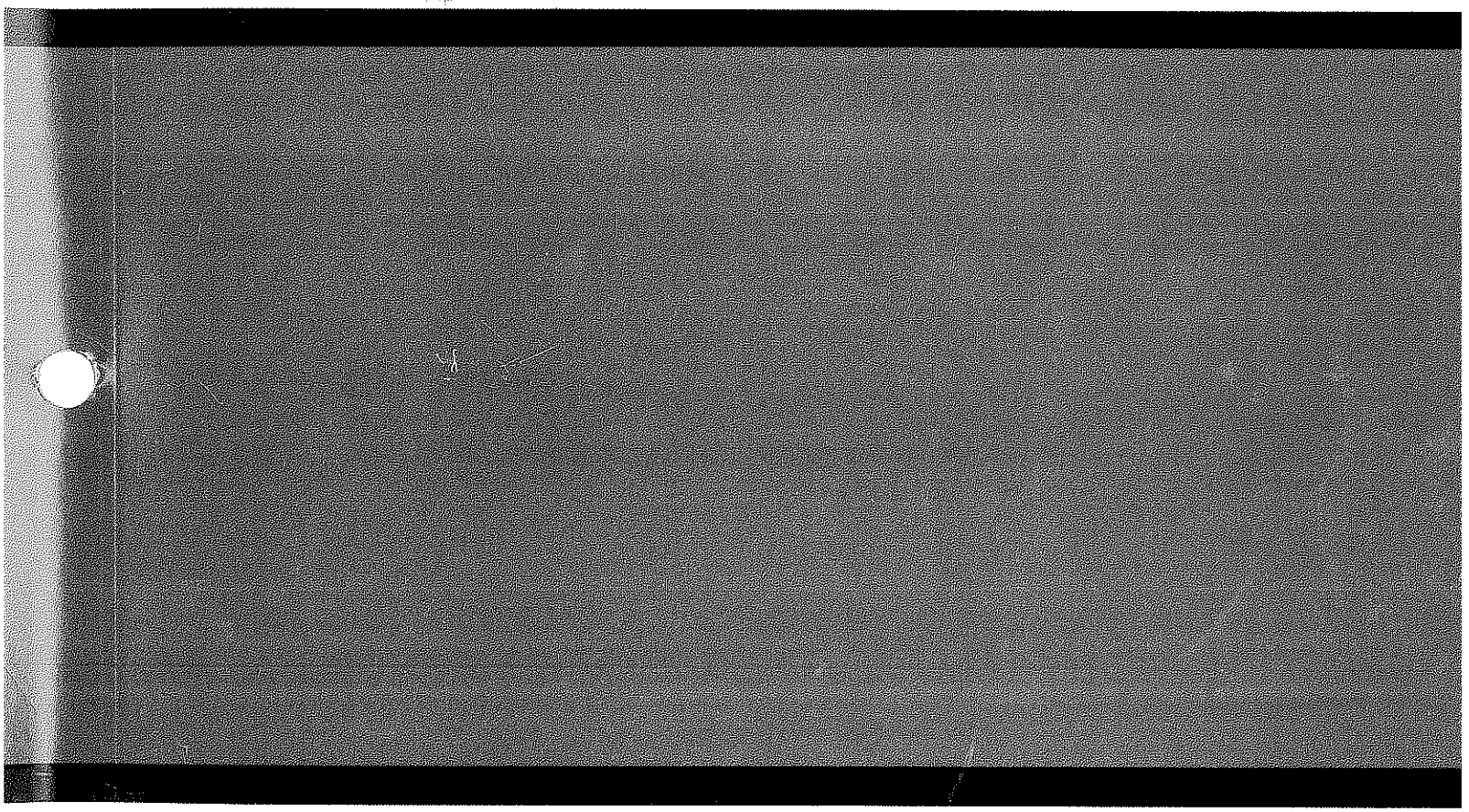
C44781 PTO CLUTCH KIT
See page 9

YT

Ingersoll

COMPACT TRACTORS
108 P.I.N. 14065370 AND AFTER
111 - ALL, 112 - ALL, 114 - ALL
116 - P.I.N. 14066900 AND AFTER
Parts Catalog 8-2992



QUALITY IN THE AMERICAN TRADITION

Ingersoll Equipment Co., Inc. Winneconne, Wisconsin 54986-9576

COMPACT TRACTORS
108 - S/N 14065370 AND AFTER
111 - ALL
112 - ALL
114 - ALL
116 - S/N 14066900 AND AFTER
Parts Catalog 8-2992

NOTE: This catalog replaces catalog 8-2991

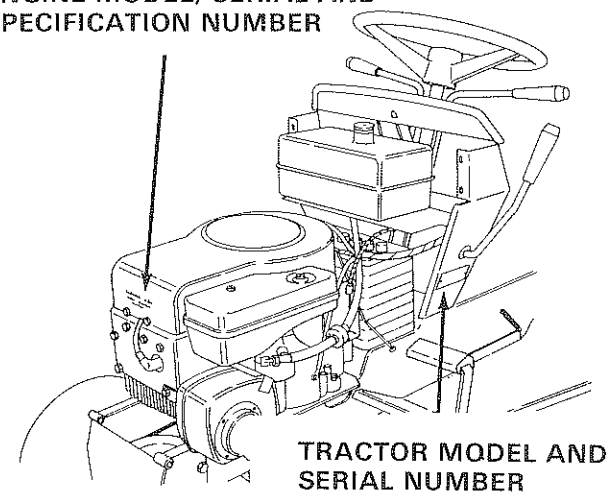
6-96-RP-300-286

INGERSOLL
114

INGERSOLL

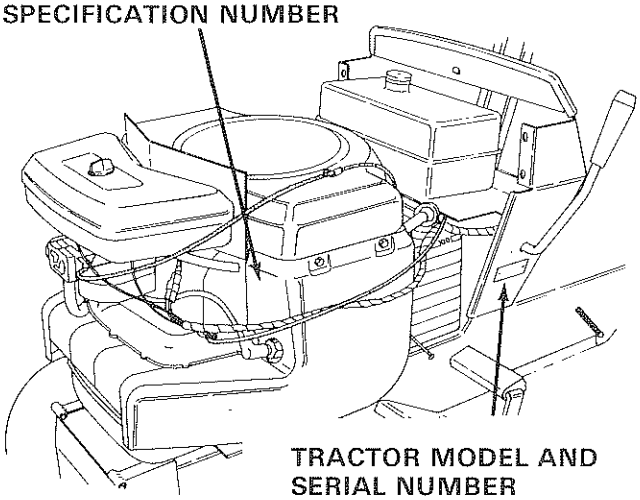
PRODUCT IDENTIFICATION NUMBERS

ENGINE MODEL, SERIAL AND SPECIFICATION NUMBER



TRACTOR MODEL AND SERIAL NUMBER

ENGINE MODEL, SERIAL AND SPECIFICATION NUMBER



TRACTOR MODEL AND SERIAL NUMBER

NOTE: Engine Parts and Warranty should be obtained from your local Briggs and Stratton Distributor.

TRACTOR MODEL	ENGINE MODEL
108	C29097 SPEC. 191707 - TYPE 5843-01
111	C29098 SPEC. 253707 - TYPE 0194-01
112	C30146 SPEC. 281707 - TYPE 0135-01 Use before S/N 14134908
112	C33279 SPEC. 281707 - TYPE 4001-01 Use after S/N 14134908
114	C29099 SPEC. 400707 - TYPE 0119
116	C29100 SPEC. 402707 - TYPE 0145
116	C33280 SPEC. 402707 - TYPE 4001-02

NOTE: In this catalog there are references to serial numbers. To order the correct part, use these serial numbers as a guide.

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 quanity 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"

NLA - No longer available

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

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.

INDENTED DESCRIPTIONS

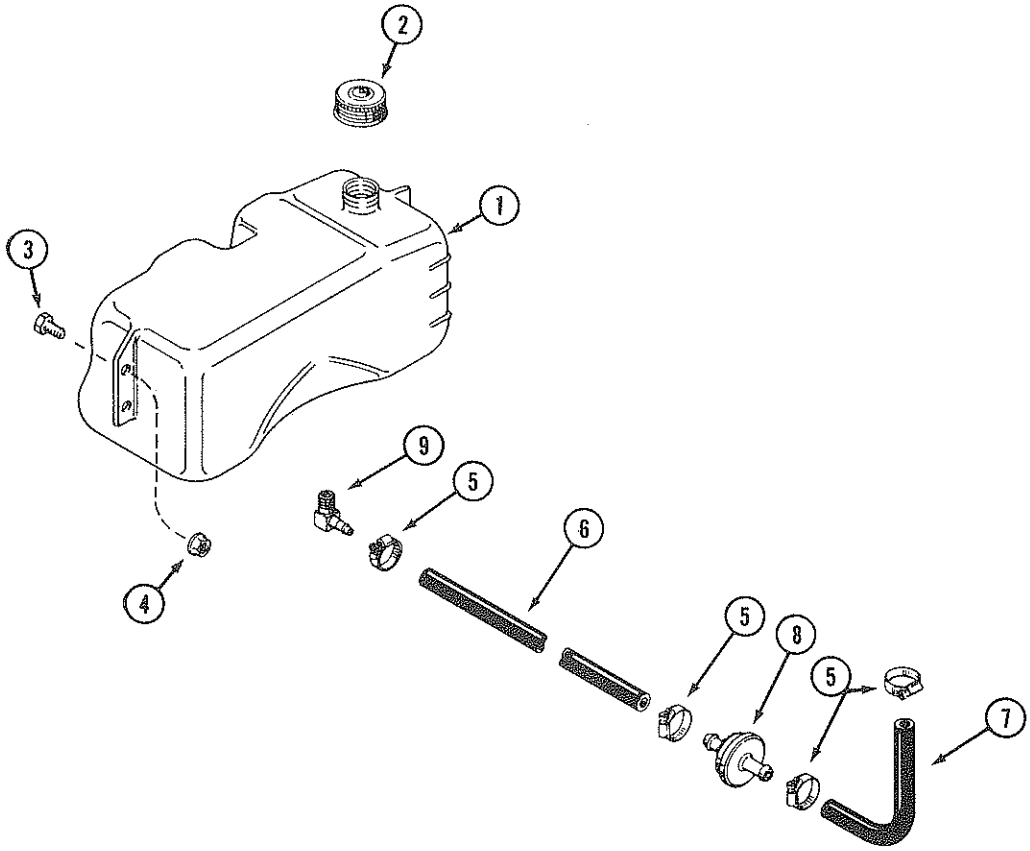
An assembly can have many components. The components of an assembly are indicated by an indented description. The quantity for an indented part is the total needed for that complete assembly. See the example.

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

ALPHABETICAL INDEX

	PAGE		PAGE
Axle, Front	21	Mounts, Engine	7
Belts & Pulleys	25	PTO Clutch	9
Brakes	23, 29	PTO Clutch Kit	11
Decals	41-43	Seat, Operator's	15-17
Electrical System	35-39	Steering Wheel & Gear	19
Fenders	15-17	Tool Tray	17
Frame	13	Transaxle	29-33
Grille	13	Travel Control	23
Hitch	13	Wheels, Front & Rear	21
Hood	13	Weight Box M13	45
Implement Lift	27	WW10 Wheel Weights	45

NOTE: Engine Parts and Warranty should be obtained from your local Briggs and Stratton Distributor.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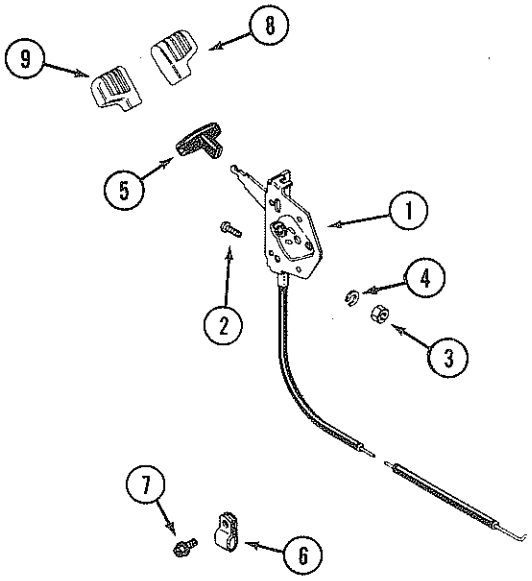
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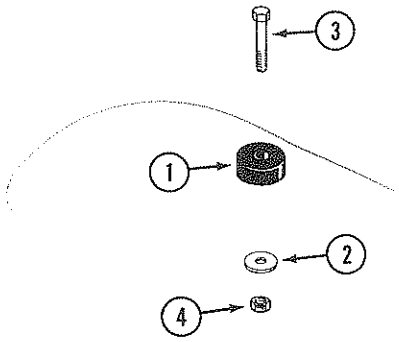
FUEL SYSTEM

REF.	PART NO.	DESCRIPTION	REQ'D
1	C29070	TANK - fuel	1
2	C11529	CAP - fuel	1
3	113-102	BOLT - 5/16" - 18 x 3/4"	4
4	131-911	NUT - 5/16" - 18 flange lock	4
5	214-252	CLAMP - hose	4
6	NSS	HOSE - fuel 13.5" (343 mm) (use C28937 cut to length)	1
7	NSS	HOSE - fuel 4" (102 mm) (use C28937 cut to length)	1
8	C28935	FILTER - fuel	1
9	C10678	CONNECTOR - fuel line 90°	1
	C28030	INSULATION - fuel line (114, 116)	1

CHOKE AND THROTTLE

1	C29267	CONTROL - choke and throttle (108, 111, 112)	1
1	C29186	CONTROL - throttle (114, 116)	1
1	C29187	CONTROL - choke (114, 116)	1
2	182-559	SCREW - No. 10 - 24 x 3/4"	2
3	129-17	NUT - No. 10	2
4	192-18	LOCKWASHER - 3/16"	2
5	C15540	HANDLE - tee (108, 111, 112)	1
6	C27233	CLAMP - cable	1
7	187-1908	SCREW - self tapping #10 x 5/8"	1
8	NSS	HANDLE - choke, (114, 116) (use C35291)	1
9	NSS	HANDLE - throttle, (114, 116) (use C35291)	1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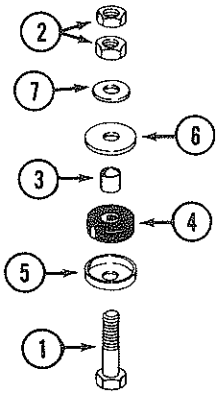
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ENGINE MOUNTS

Use before S/N:
108, 111, 114, 116 - all
112 - 14102824

Use S/N and after:
112 - 14122270

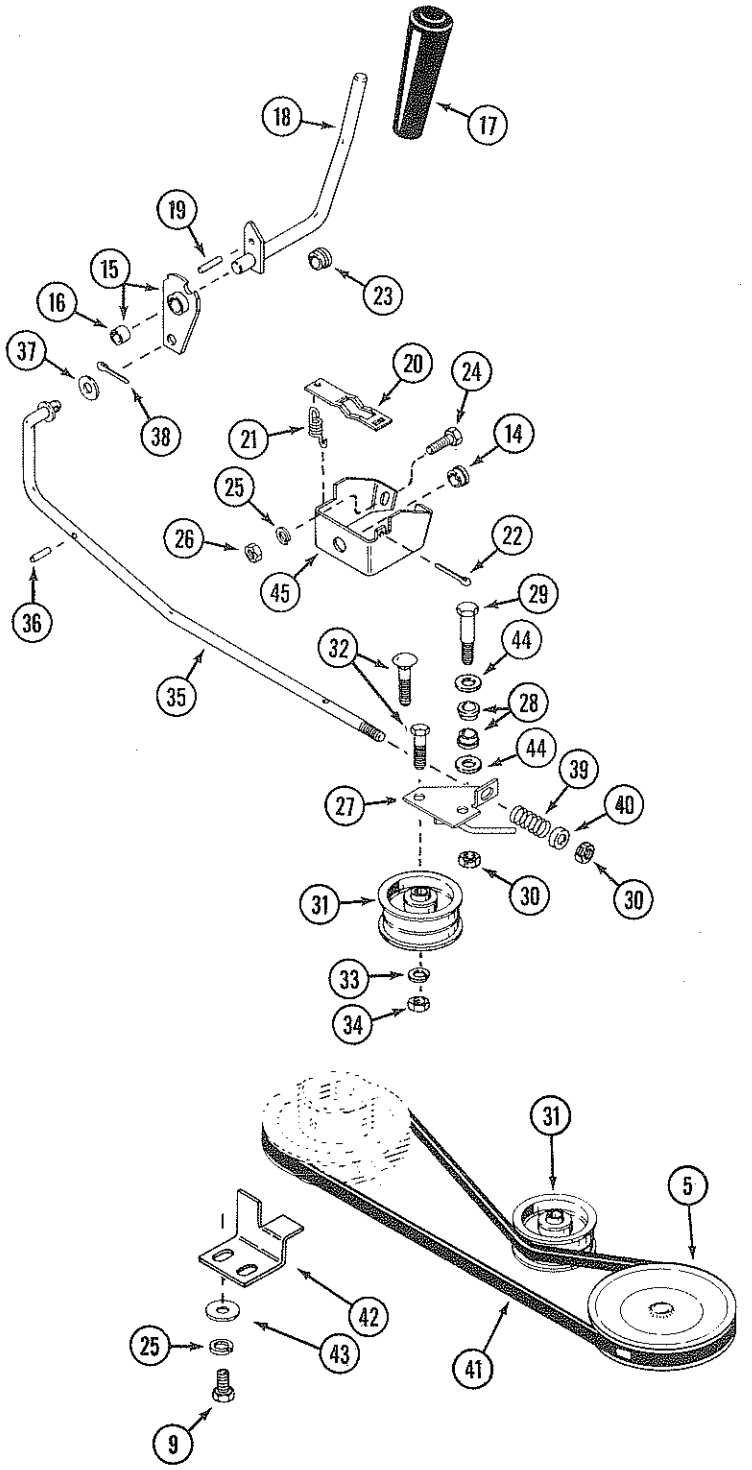
REF.	PART NO.	DESCRIPTION	REQ'D
1	C15410	WASHER - rubber (not required)	4
2	195-2175	WASHER - flat 5/16" x 1-1/4"	4
2	195-521	WASHER - flat 5/16" x 11/16"	4
3	113-121	BOLT - 5/16" - 18 x 1-3/4"	4
3	113-122	BOLT - 5/16" - 18 x 1-1/2"	4
4	131-69	NUT - 5/16" lock	4

ENGINE MOUNT KIT*

112 - Use S/N 14102824 to 14122270

1	113-121	BOLT - 5/16" - 18 x 2"	4
2	129-102	NUT - 5/16" - 18	8
3	C30510	SPACER - sleeve	4
4	C30508	WASHER - rubber	4
5	C30509	CUP - retaining	4
6	195-2175	WASHER - 5/16"	4
7	195-521	WASHER - 5/16"	4

* Order C33171 to get 4 complete solid mounts to eliminate rubber washers.
KIT - includes (4) 195-521, 113-122, 131-69 and C33170 bushing)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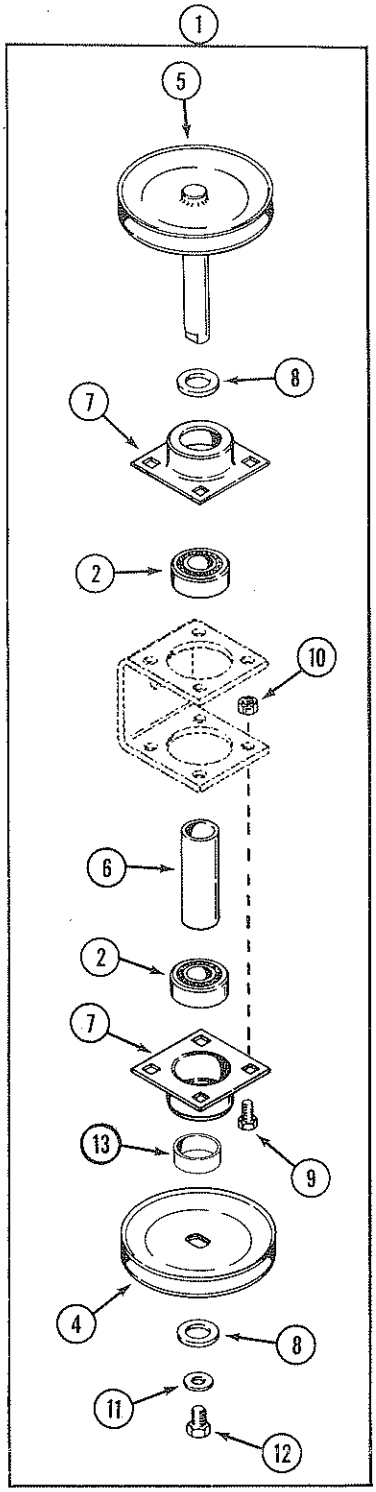
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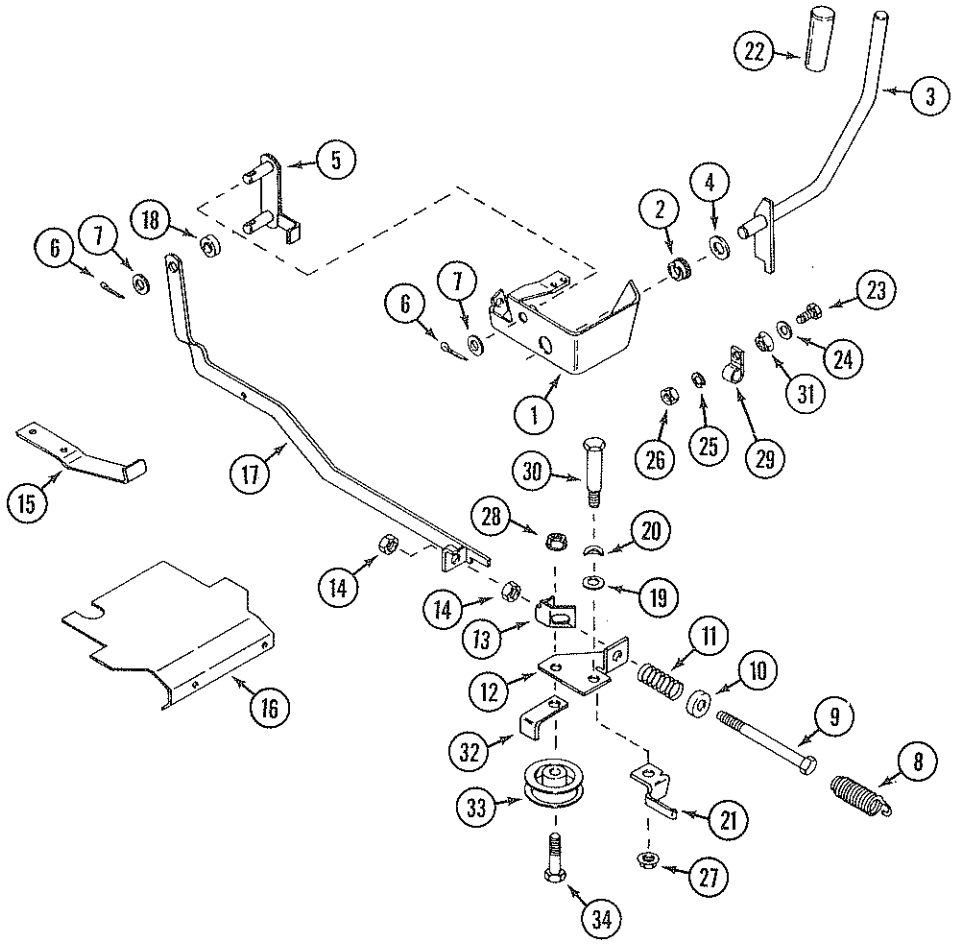
ATTACHMENT DRIVE POWER TAKE OFF (PTO)

(See page 11 if unit has C44781 PTO Kit installed)

REF.	PART NO.	DESCRIPTION	REQ'D
1	NSS	P.T.O. ASSEMBLY	1
2	C28971	BEARING	2
3	NSS	BRACKET - mounting	1
4	C15083	PULLEY - bottom	1
5	C30475	PULLEY - top	1
6	C25233	SPACER - bearing	1
7	C23818	FLANGETTE	2
8	C12975	WASHER	2
9	113-102	BOLT - 5/16" - 18 x 3/4"	9
10	131-176	NUT - 5/16" - 18 lock	8
11	C28263	WASHER - 3/8"	1
12	113-205	BOLT - 3/8" - 16 x 5/8"	1
13	C30477	SPACER - pulley	1
14	C25229	BUSHING - flange	1
15	C29326	ARM ASSEMBLY - PTO	1
16	C17597	BUSHING - sleeve	1
17	C29046	HANDLE - PTO lever	1
18	C29252	LEVER - PTO	1
19	138-2071	PIN - spirol 3/16" x 15/16"	1
20	C29316	BAR - latch	1
21	C29172	SPRING - extension	1
22	132-320	PIN - cotter 3/32" x 3/4"	1
23	C27593	BUSHING - flip - lock	1
24	121-106	BOLT - 5/16" - 18 x 3/4" flange	2
25	192-20	LOCKWASHER - 5/16"	3
26	131-911	NUT - 5/16" - 18 flange lock	2
27	C30873	ARM - idler	1
28	C17597	BUSHING - flange (press into hub on engine plate)	2
29	C16745	BOLT - shoulder	1
30	131-1352	NUT - 3/8" lock flange	2
31	C15672	PULLEY - idler	1
32	111-330	BOLT - 3/8" - 16 x 1-3/4" carriage	1
32	113-209	BOLT - 3/8" - 16 x 1-1/2" hex head	1
33	192-21	LOCKWASHER - 3/8"	1
34	129-103	NUT - 3/8" - 16	1
35	C30769	ROD - PTO	1
36	138-57	PIN - roll 1/8" x 3/4"	1
37	195-525	WASHER - 3/8"	1
38	132-332	PIN - cotter 3/32" x 1"	1
39	C27822	SPRING - compression	1
40	C17066	WASHER - cup	1
41	C42098	BELT - PTO	1
42	C26345	KEEPER - belt	1
43	195-521	WASHER - 5/16"	1
44	195-533	WASHER - 1/2"	2
45	C31009*	BRACKET - support (shown)	1
45	C31437**	BRACKET - support	1

* Use before S/N
** Use S/N and after:
112 - 14103055
114 - 14104919
116 - 14106472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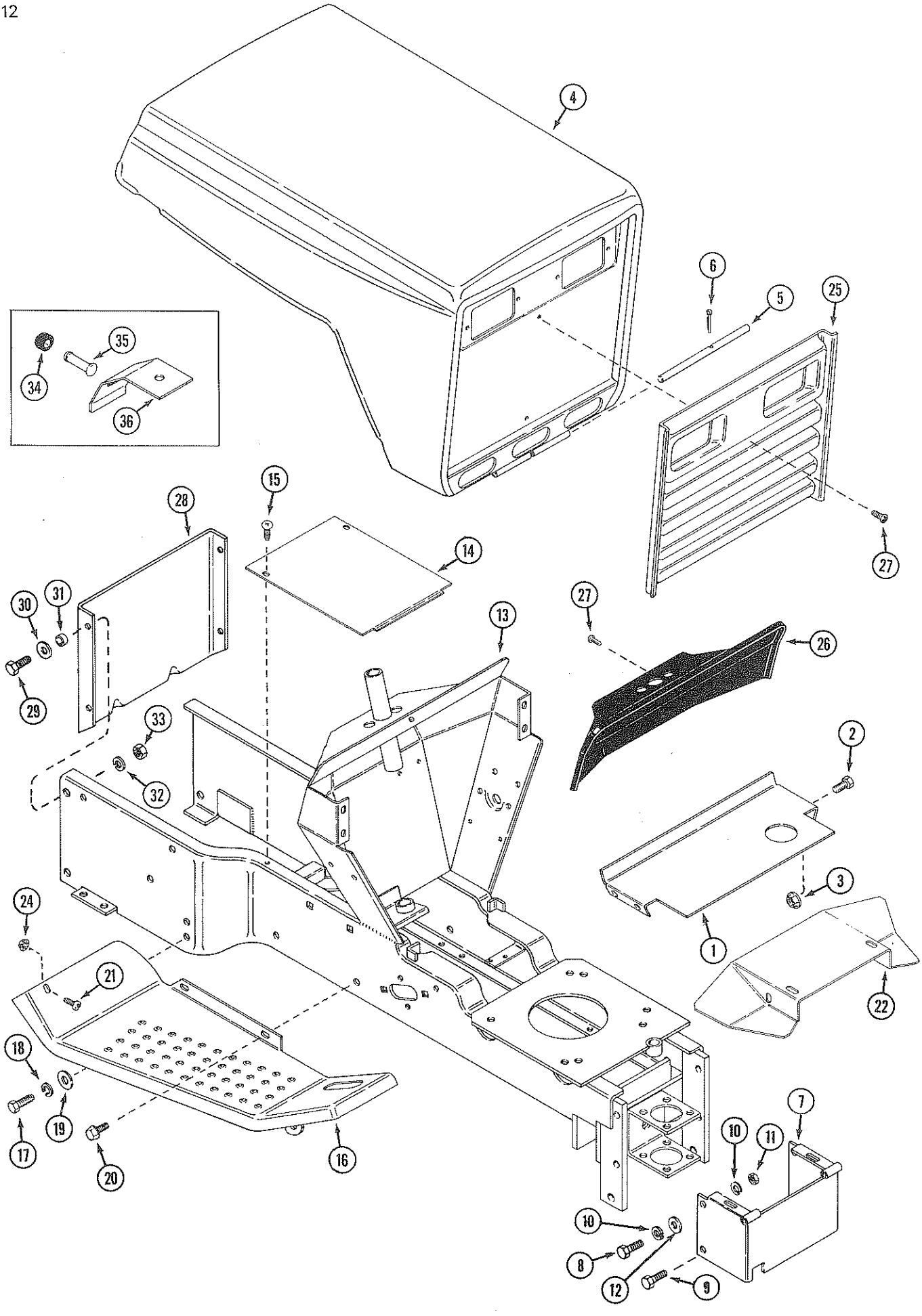
C44781 PTO CLUTCH KIT

REF.	PART NO.	DESCRIPTION	REQ'D
1	C44784	BRACKET - lever	1
2	C25229	BUSHING - flange	1
3	C44703	LEVER - PTO	1
4	195-533	WASHER - 1/2"	1
5	C44705	LINK	1
6	132-334	PIN - cotter 1/8" x 3/4"	2
7	195-525	WASHER - 3/8"	2
8	C44713	SPRING - extension	1
9	113-253	BOLT - 3/8" - 16 x 5"	1
10	C17066	WASHER - cup	1
11	C27822	SPRING - compression	1
12	C29221	PLATE - idler	1
13	C44715	CLIP - PTO spring	1
14	131-1181	NUT - 3/8" - 16 lock	2
15	C44719	STRAP - guide	1
16	C44717	BAFFLE - heat (for twin cylinder models only)	1
17	C44710	ROD - PTO	1
18	C44708	ROLLER - link	1
19	C37004	WASHER - 1/2"	1
20	C45145	WASHER - spring	1
21	C44716	SHOE - belt brake	1
22	C28237	KNOB - handle	1
23	113-103	BOLT - 5/16" - 18 x 1"	1
23	113-118	BOLT - 5/16" - 18 x 5/8"	1
24	195-521	WASHER - 5/16"	2
25	192-20	LOCKWASHER - 5/16"	1
26	129-102	NUT - 5/16" - 18	1
27	131-1352	NUT - 3/8" - 16 flange lock	1
28	131-938	NUT - 3/8" - 16 flange lock	1
29	C32455	CLIP - "J"	1

THE FOLLOWING PARTS NOT INCLUDED IN KIT

30	C16745	BOLT - shoulder 1/2"	1
31	131-911	NUT - 5/16" - 18 flange	1
32	C29243	RETAINER - belt	1
33	C15672	PULLEY - idler	1
34	113-233	BOLT - 3/8" 16 x 1-3/4"	1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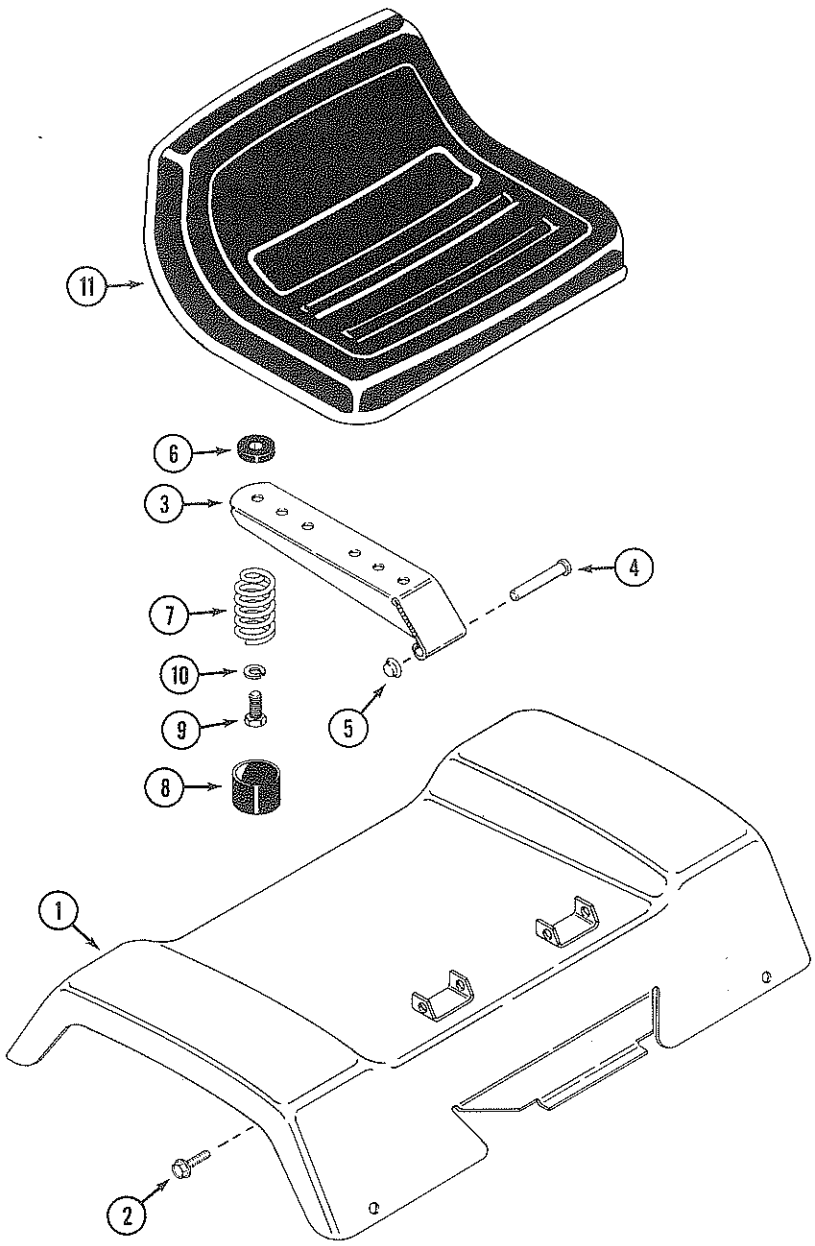
HOOD, FRAME AND ATTACHING PARTS

REF.	PART NO.	DESCRIPTION	REQ'D
1	NSS	SUPPORT - fuel tank (not required)	1
2	113-102	BOLT - 5/16" - 18 x 3/4"	4
3	131-911	NUT - 5/16" - 18 flange lock	4
4	C30292	HOOD	1
5	C16362	ROD - hinge	1
6	132-334	PIN - cotter 1/8" x 3/4"	1
7	C29240	COVER - PTO	1
8	113-205	BOLT - 3/8" - 16 x 5/8"	2
9	113-207	BOLT - 3/8" - 16 x 1"	2
10	192-21	LOCKWASHER - 3/8"	4
11	129-103	NUT - 3/8" - 16	2
12	195-522	WASHER - 3/8"	2
13	C33173	FRAME - main	1
14	C33081	TRAY - center	1
15	C31597	SCREW - 1/4" - 20 pan head	2
16	C29203	FOOT REST - R.H. (shown)	1
16	C29204	FOOT REST - R.H.	1
17	113-103	BOLT - 5/16" - 18 x 1"	4
18	192-20	LOCKWASHER - 5/16"	4
19	195-521	WASHER - 5/16"	4
20	121-106	BOLT - 5/16" - 18 x 1/2" flange lock	4
21	182-547	SCREW - 1/4" - 20 pan head. Phillips	UAR
22	C31192	DEFLECTOR - exhaust	1
24	131-934	NUT - 1/4" - 20 flange lock	UAR
25	C30289	GRILLE	1
26	C30100	CAP - instrument panel (108, 111)	1
26	C30101	CAP - instrument panel (114, 116)	1
27	187-1334	SCREW	4
28	C29199	DRAWBAR	1
29	113-207	BOLT - 3/8" - 16 x 1"	4
30	195-525	WASHER - 3/8" (top holes only)	2
31	C14768	SPACER - mounting (top holes only)	2
32	192-21	LOCKWASHER - 3/8"	4
33	129-103	NUT - 3/8" - 16	4
34	C29314	BUTTON - push, hood release	1
35	C29315	ROD - push, hood release	1
36	C33467	LATCH - hood	1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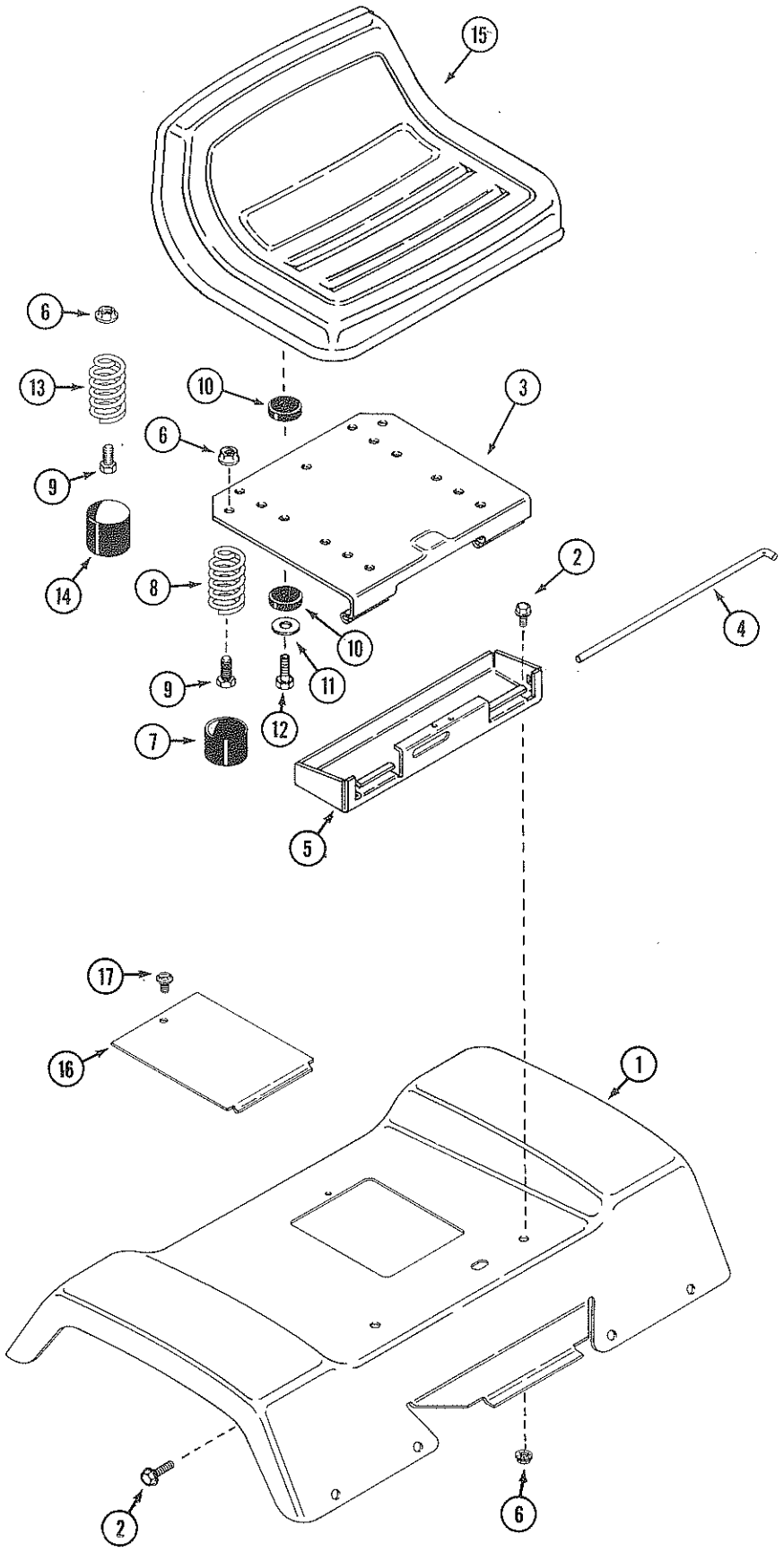
SEAT AND FENDERS

Use before S/N:
108 - all
111 - all
112 - 14102824
114 - 14104697
116 - 14106421

REF.	PART NO.	DESCRIPTION	REQ'D
1	NSS*	FENDERS AND SUPPORT	1
2	121-106	BOLT - 5/16" - 18 x 1/2" flange lock	4
3	C29197	HINGE - seat R.H. (shown)	1
3	C29196	HINGE - seat L.H.	1
4	C29173	PIN - hinge	2
5	C29174	RETAINER - pin	2
6	C15410	CUSHION - rubber	4
7	C29192	SPRING - seat	2
8	C29193	CAP - spring	2
9	113-103	BOLT - seat front 5/16" - 18 x 1"	2
9	113-104	BOLT - seat back 5/16" - 18 x 1-1/4 (shown)	2
10	192-20	LOCKWASHER - 5/16"	4
11	C30070	SEAT	1

*(Use C31031, C33474, C16429, C31004, C30785 and hardware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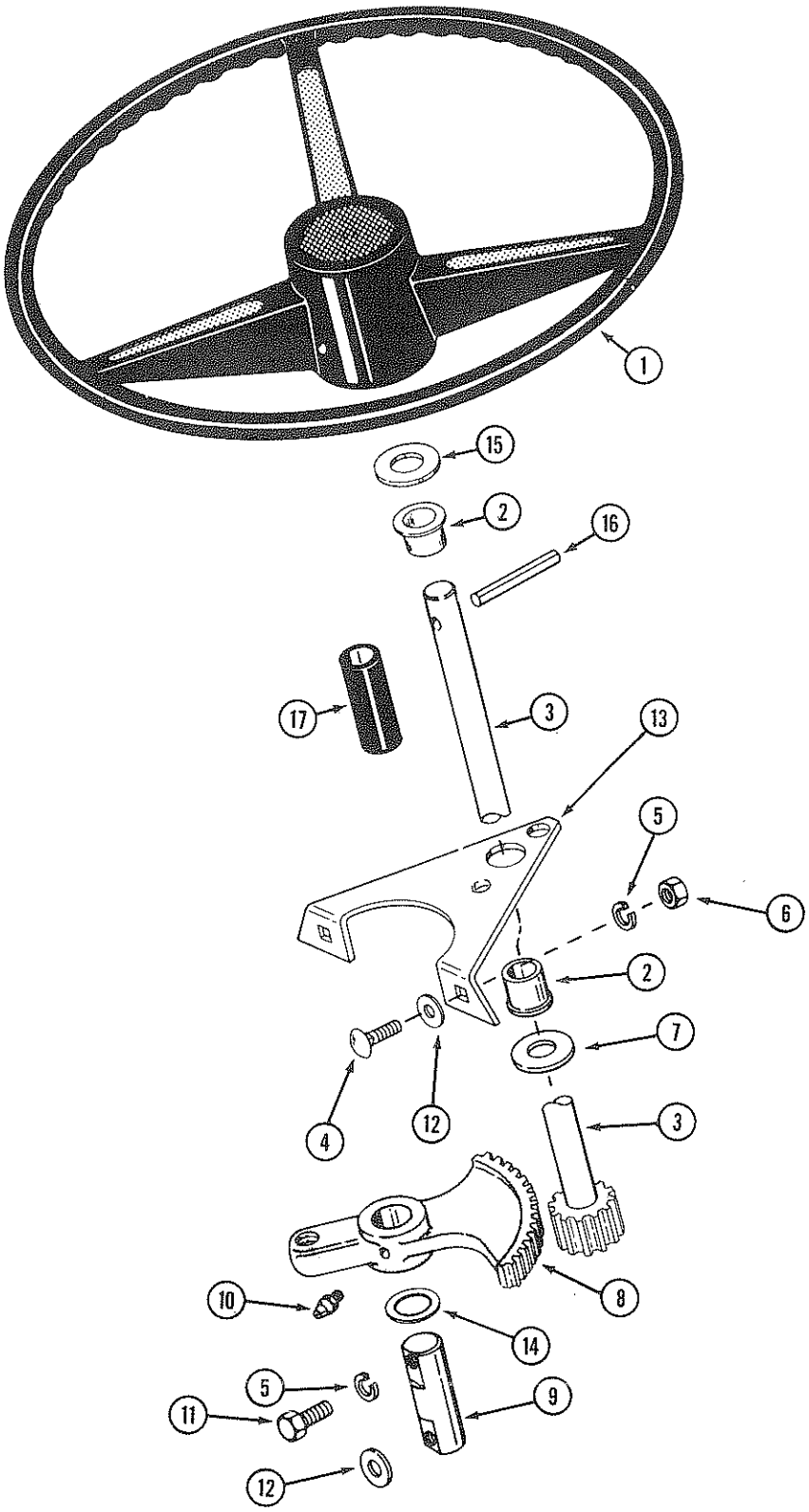
SEAT AND FENDERS

Use S/N and after:
112 - 14102824
114 - 14104697
116 - 14106421

REF.	PART NO.	DESCRIPTION	REQ'D
1	C31031	FENDERS AND SUPPORT	1
2	121-106	BOLT - 5/16" - 18 x 1/2" flange lock	6
3	C33474	HINGE - seat	1
4	C16429	PIN - seat hinge	1
5	C31004	TRAY - tool	1
6	131-911	NUT - 5/16" - 18 flange lock	5
7	C29305	CAP - spring	2
8	C29306	SPRING - seat	2
9	113-102	BOLT - 5/16" - 18 x 3/4"	3
10	C15410	CUSHION - rubber (early production)	8
11	195-2175	WASHER - 5/16" x 1-1/4"	4
12	113-102	BOLT - 5/16" - 18 x 3/4"	4
12	113-122	BOLT - 5/16" - 18 x 1-1/2"	4
13	C31006	SPRING - actuating, seat switch	1
14	C26526	CAP - actuating spring	1
15	C30070	SEAT	1
16	C30785	COVER - inspection	1
17	187-1036	SCREW - 1/4" x 1/2" self tap	1
18	C29812	WASHER - late production	4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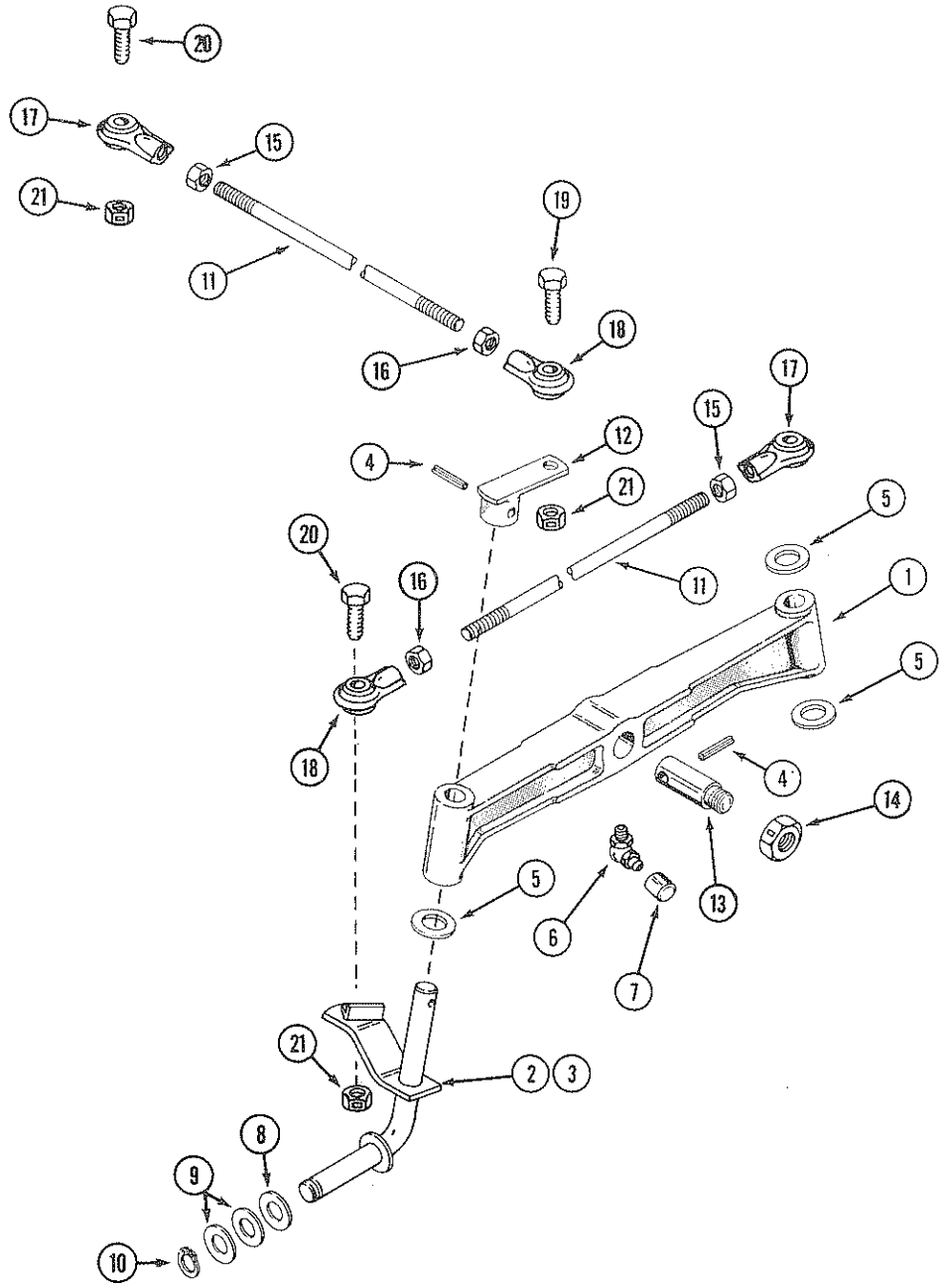
STEERING GEAR

REF.	PART NO.	DESCRIPTION	REQ'D
1	C26325	WHEEL - steering	1
2	C15096	BUSHING - flanged nylon	2
3	C29181	SHAFT - steering	1
4	111-132	BOLT - 5/16" x 3/4" NC, ZP carriage	2
5	192-20	LOCKWASHER - 5/16" ZP	4
6	129-102	NUT - 5/16" NC hex, ZP	2
7	195-2069	WASHER - 5/18" plain, ZP	1
8	C26039	GEAR - steering	1
9	C15105	PIVOT - steering gar	1
10	219-17	FITTING - lube	1
11	113-103	BOLT - 5/16" x 1" NC hex, ZP	2
12	195-521	WASHER - 5/16", plain, ZP	UAR
13	C27045	BRACKET - steering	1
14	C14201	WASHER - shim	UAR
15	195-541	WASHER - 5/8"	UAR
16	138-143	PIN - roll 1/4" x 2-1/4"	1
17	C29168	SLEEVE - steering shaft	1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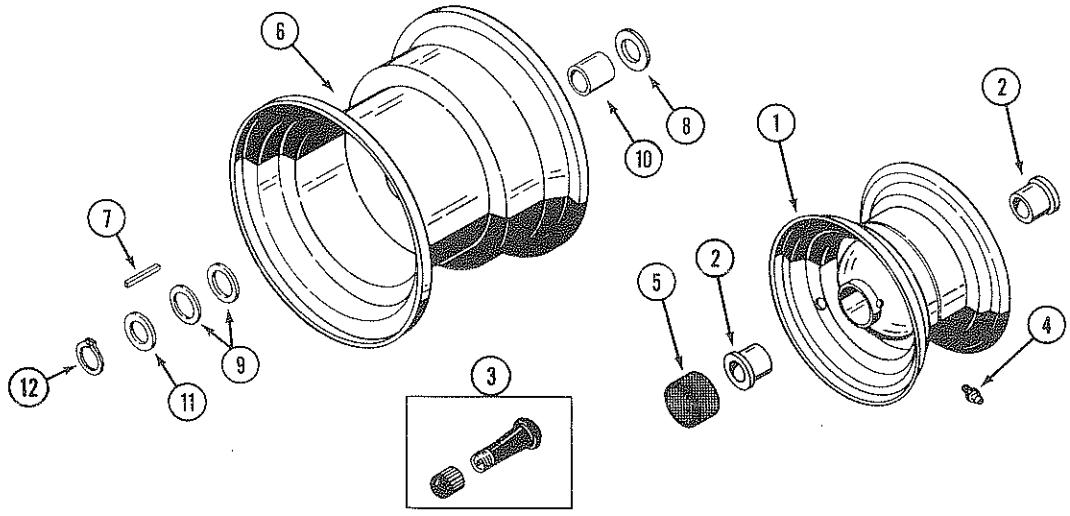
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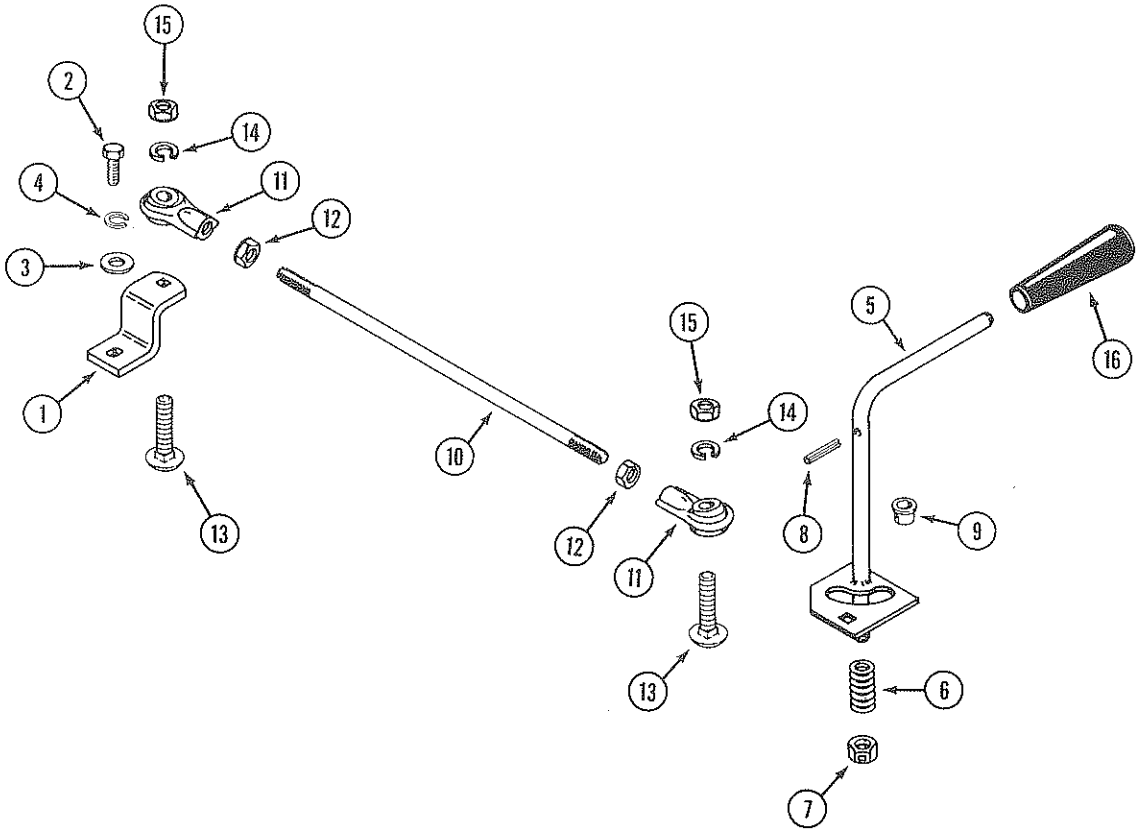
FRONT AXLE

REF.	PART NO.	DESCRIPTION	REQ'D
1	C15066	AXLE - front	1
2	NSS	SPINDLE - R.H. (shown) (use C31336, 132-311)	1
3	NSS	SPINDLE - L.H. (use C31335, 132-311)	1
4	138-2040	PIN - spirol 1/4" x 1-1/2"	2
5	C11906	WASHER - thrust 13/16"	3
6	219-404	FITTING - lube	3
7	C13106	COVER - lube fitting	3
8	195-545	WASHER - spindle	2
9	C28226	WASHER - wheel spacer	4
10	C28232	RING - retaining	2
11	C26051	ROD - tie and drag link	2
12	C26370	ARM - upper spindle	1
13	C18626	PIN - axle pivot	1
14	131-1331	NUT - lock 3/4" N.C. hex	1
15	129-163	NUT - lock 3/8" - 24 hex	2
16	129-289	NUT - lock 3/8" - 24 hex L.H. thread	2
17	C26332	BALLJOINT - R.H. thread	2
18	C26333	BALLJOINT - L.H. thread	2
19	13-624	BOLT - 3/8" x 1-1/2"	3
20	13-628	BOLT - 3/8" x 1-3/4"	1
21	131-938	NUT - lock 3/8" - 16 flange	4

FRONT AND REAR WHEELS

1	C30781	WHEEL - front (includes bearings)	2
2	C24503	BEARING - bushing	2
3	C28236	STEM - valve	2
4	219-10	FITTING - lube	2
5	C26526	CAP - hub	4
6	C30780	WHEEL - rear	2
7	C11796	KEY - 3/16" x 3/16" x 2"	2
8	195-545	WASHER - 3/4"	2
9	C28226	WASHER - spacer .03" thick	4
10	C27047	SPACER - sleeve	2
11	C28972	WASHER - spacer	2
12	C28808	RING - retaining	2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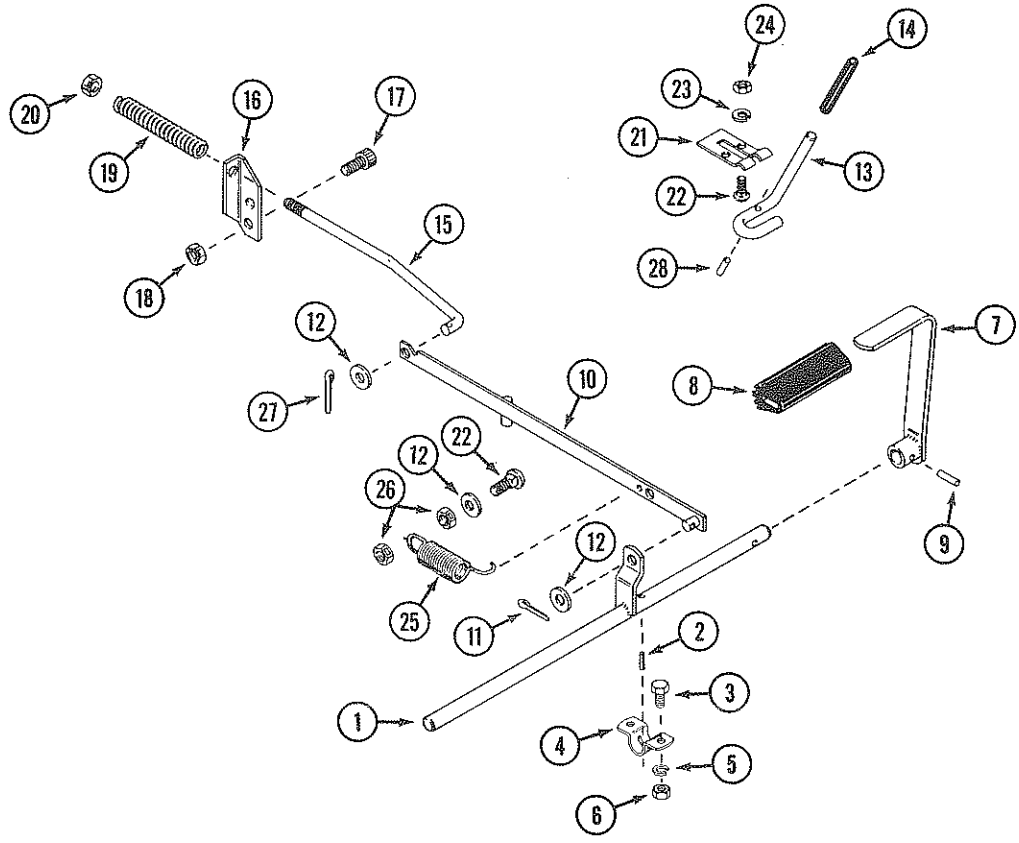
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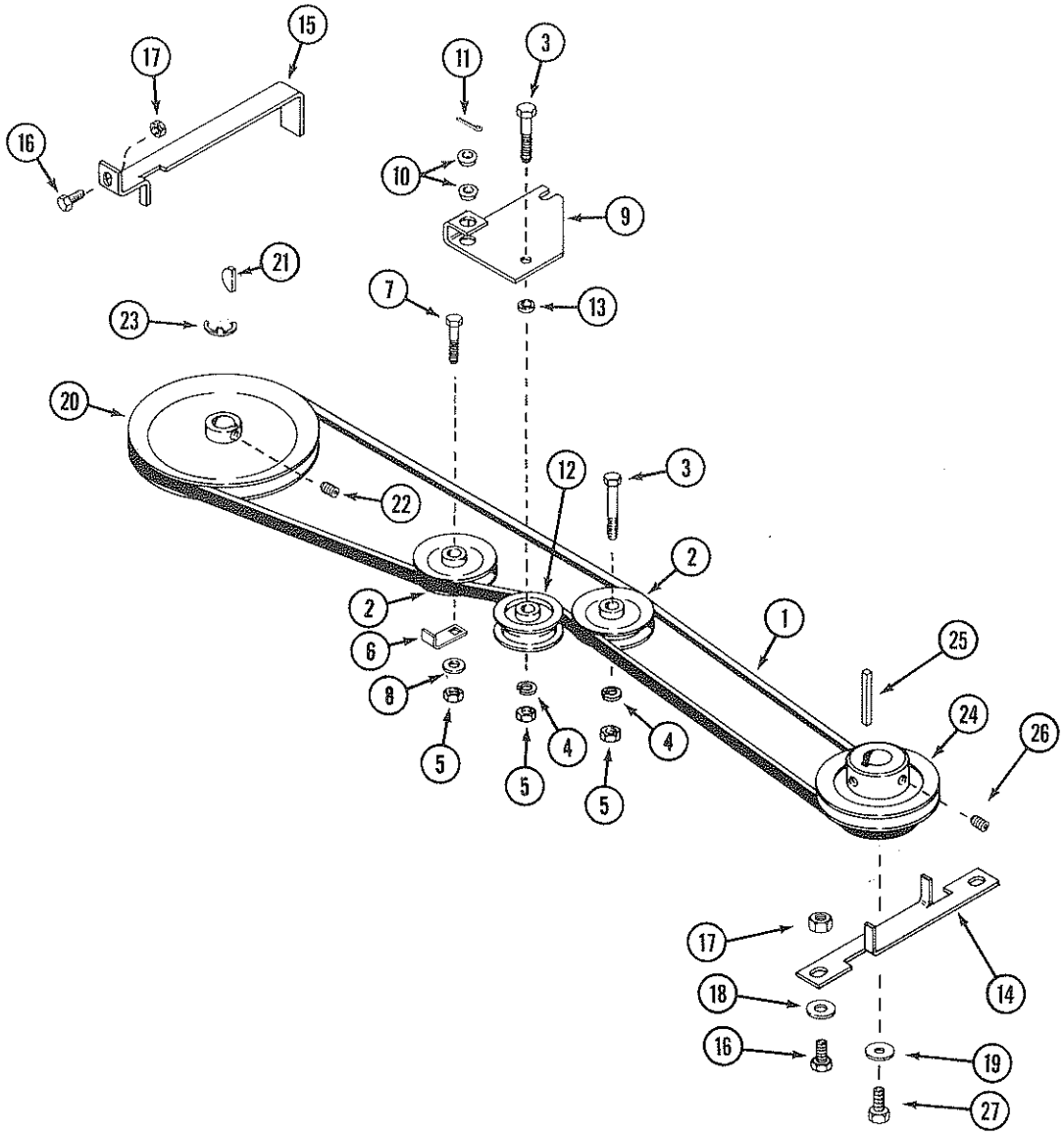
TRAVEL CONTROL

REF.	PART NO.	DESCRIPTION	REQ'D
1	C27069	CRANK - shift	1
2	114-2	BOLT - 1/4" - 28 x 1/2" hex	1
3	195-518	WASHER - 1/4"	1
4	192-19	LOCKWASHER - 1/4"	1
5	C29238	LEVER - shift	1
6	C25688	SPRING - compression	1
7	131-165	NUT - 1/2" - 13 lock	1
8	138-2072	PIN - roll 1/8" x 1-3/4"	1
9	C27593	BUSHING - flip - lock	1
10	C27072	ROD - shift	1
11	C26332	BALLJOINT	2
12	129-163	NUT - 3/8" - 24	2
13	111-366	BOLT - 3/8" - 16 x 1-1/4" carriage	2
14	192-21	LOCKWASHER - 3/8"	2
15	129-103	NUT - 3/8" - 16 hex	2
16	C29047	HANDLE - shift	1

BRAKE ASSEMBLY

1	C29317	SHAFT - brake	1
2	138-2071	PIN - spiral 3/16" x 15/16"	1
3	113-102	BOLT - 5/16" - 18 x 3/4"	4
4	C15156	BRACKET - saddle	2
5	192-20	LOCKWASHER - 5/16"	4
6	129-102	NUT - 5/16" - 18	4
7	C29249	PEDAL - brake	1
8	C24345	PAD - brake pedal	1
9	138-2071	PIN - spiral 3/16" x 15/16"	1
10	C29246	LINK - brake	1
11	132-6	PIN - cotter 3/32" x 5/8"	1
12	195-521	WASHER - 5/16"	3
13	C29207	LEVER - parking brake	1
14	C29178	HANDLE - lever	1
15	C29216	ROD - brake	1
16	C29188	ARM - brake	1
17	61-612	SCREW - 3/8" - 16 x 3/4" socket head	1
18	131-1181	NUT - 3/8" - 16 lock	1
19	C27442	SPRING - compression	1
20	131-69	NUT - 15/16" - 18 lock	1
21	C29177	BRACKET - retaining	1
22	111-108	BOLT - 1/4" - 20 x 3/4" carriage	3
23	192-19	LOCKWASHER - 1/4"	2
24	129-101	NUT - 1/4" - 20	2
25	C29917	SPRING - extension	1
26	131-1180	NUT - 1/4" 20 lock	2
27	132-310	PIN - cotter 1/8" x 1"	1
28	138-51	PIN - roll 1/8" x 3/8"	1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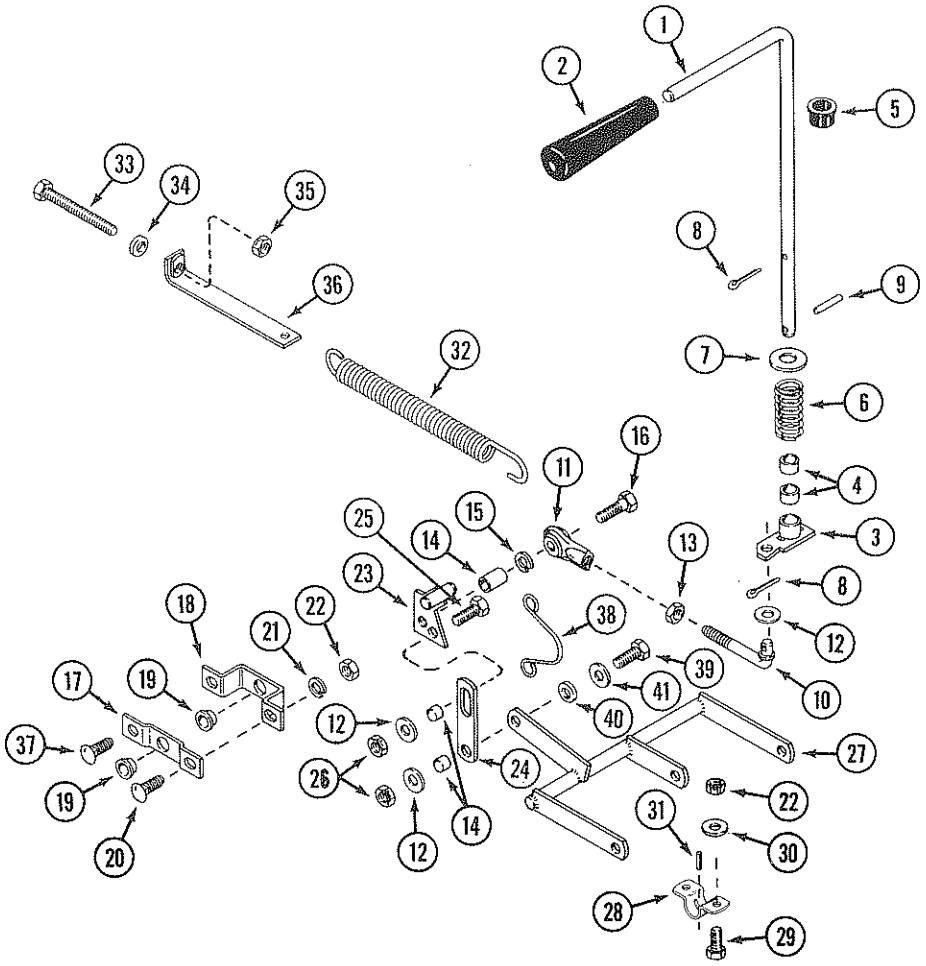
BELTS, PULLEYS AND IDLERS (DRIVE)

REF.	PART NO.	DESCRIPTION	REQ'D
1	C29699**	BELT - drive (112 - all) (for others see below)	1
1	C29878*	BELT - drive	1
2	C23456	PULLEY - "V" idler	2
3	113-233	BOLT - 3/8" - 16 x 1-3/4"	2
4	192-21	LOCKWASHER - 3/8"	2
5	131-938	NUT - 3/8" - 16 flange lock	3
6	C29243	GUIDE - belt, idler	1
7	113-233	BOLT - 3/8" - 16 x 1-3/4"	1
8	195-525	WASHER - 3/8"	1
9	C29236	ARM - idler	1
10	C20053	BUSHING - flange	2
11	132-310	PIN - cotter 1/8" x 1"	1
12	C23535	PULLEY - backside idler	1
13	C14768	SPACER	1
14	C25113	GUIDE - belt, engine	1
15	C30103**	KIT - guide, transaxle belt	1
15	C29245*	GUIDE - belt, transaxle	1
16	113-118	BOLT - 5/16" - 18 x 5/8"	3
17	129-102	NUT - 5/16" - 18	3
18	195-103	WASHER - 5/16"	2
19	195-2029	WASHER - 7/16"	1
20	C33208** 7"	PULLEY - transaxle	1
20	C27068* 6"	PULLEY - transaxle	1
21	126-16	KEY - 3/16" x 3/4" woodruff	1
22	C32199	SETSCREW - 5/16" - 18 x 5/16"	1
23	NLA	RING - retaining "E" (early production)	1
24	C19071	PULLEY - drive	1
25	C28315	KEY - 1/4" x 2"	1
26	178-858	SETSCREW	2
27	14-712	BOLT - 7/16" - 20 x 3/4"	1

*Use before S/N:
**Use S/N and after:

108-14084847
111 -14085810
114 -14087760
116 -14089591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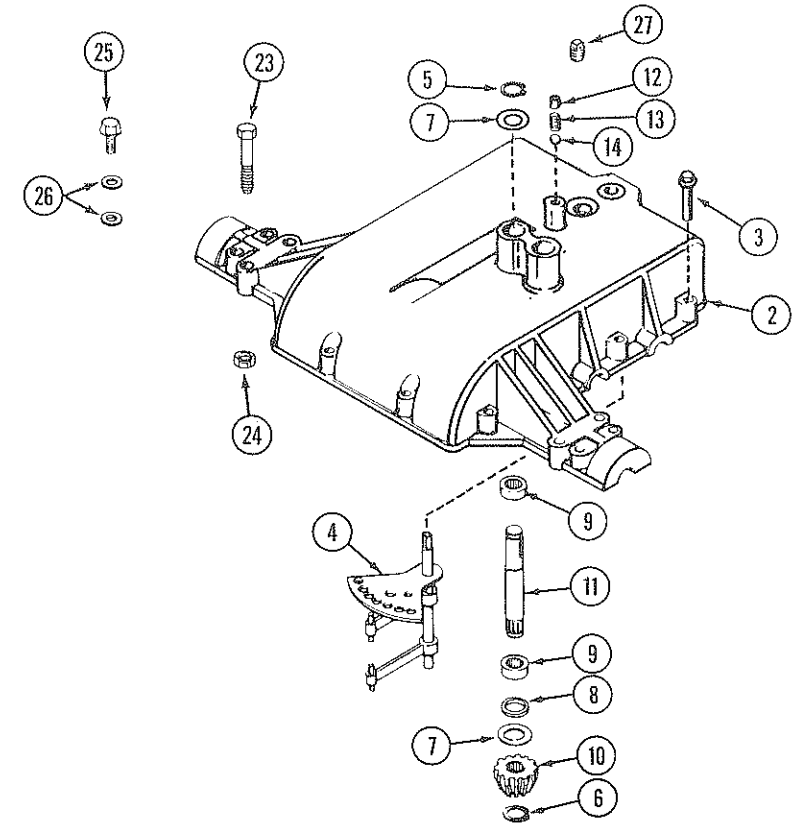
LIFT SYSTEM

REF.	PART NO.	DESCRIPTION	REQ'D
1	NSS*	LEVER - lift (use C42572, C30157)	1
1	C42572**	LEVER - lift	1
2	C29045	HANDLE - lift lever	1
3	C29213*	ARM - lift	1
3	C30157**	ARM - lift	1
4	C29706	BUSHING - sleeve, lift arm and mounting bracket	UAR
5	C27593	BUSHING - flip lock	1
6	C15564	SPRING - compression	1
7	195-533	WASHER - 1/2"	1
8	132-310	PIN - cotter 1/8" x 1"	2
9	138-2071	PIN - spiral	1
10	C29218	ROD - lift	1
11	C26332	BALLJOINT	1
12	195-522	WASHER - 3/8"	3
13	129-163	NUT - 3/8" lock	1
14	C14768	SPACER	3
15	192-21	LOCKWASHER - 3/8"	1
16	113-209	BOLT - 3/8" - 16 x 1-1/2"	1
17	C29235	PLATE - bellcrank pivot	1
18	C29234	BRACKET - bellcrank	1
19	C24182	BUSHING - flange	2
20	111-132	BOLT - 5/16" - 18 x 3/4" carriage	1
21	195-103	LOCKWASHER - 5/16"	2
22	129-102	NUT - 5/16"	6
23	C29214	BELLCRANK	1
24	C29176	LINK - lift	1
25	113-207	BOLT - 3/8" - 16 x 1"	2
26	131-1181	NUT - 3/8" - 16 lock	2
27	C30391	SHAFT - lift	1
28	C15156	BRACKET - saddle	2
29	113-102	BOLT - 5/16" - 18 x 3/4"	4
30	192-20	WASHER - 5/16"	4
31	138-2071	PIN - spiral 3/16" x 15/16"	1
32	C29189	SPRING - assist (included in C30162 kit)	1
33	123-101	BOLT - 5/16" - 18 x 4	1
34	C14906	WASHER - nylon	1
35	131-176	NUT - 5/16" lock	1
36	C29233	BAR - spring adjust	1
37	111-256	BOLT - 5/16" - 18 x 1-1/4" carriage	1
38	C30154	SPRING - torsion (included in C30161 kit)	1
39	113-208	BOLT - 3/8" - 16 x 1-1/4"	1
40	C30155	WASHER	1
41	195-104	WASHER	1

NOTE: C30162 Extension Spring Kit (use to lift heavy attachments)
C30161 Torsion Spring Kit (use to lift light attachments)

*Use before S/N:
**Use S/N and after:

108-14084946
111 - ALL
112 - ALL
114 - 14088189
116 - 14089708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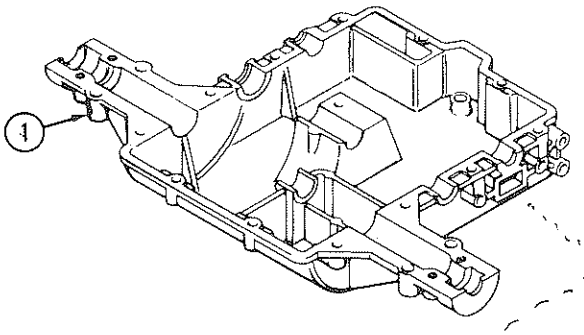
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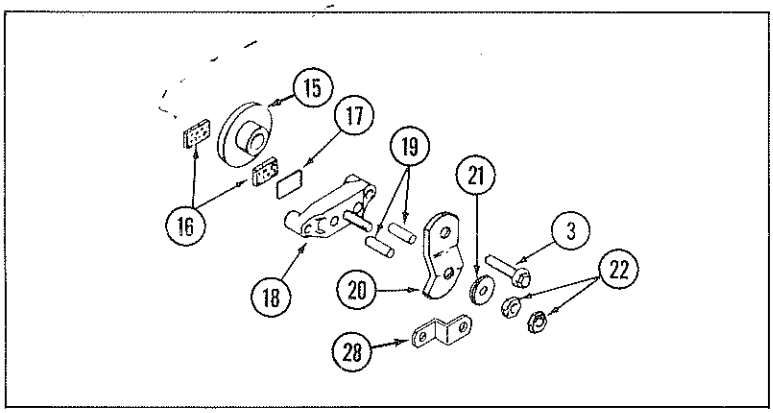
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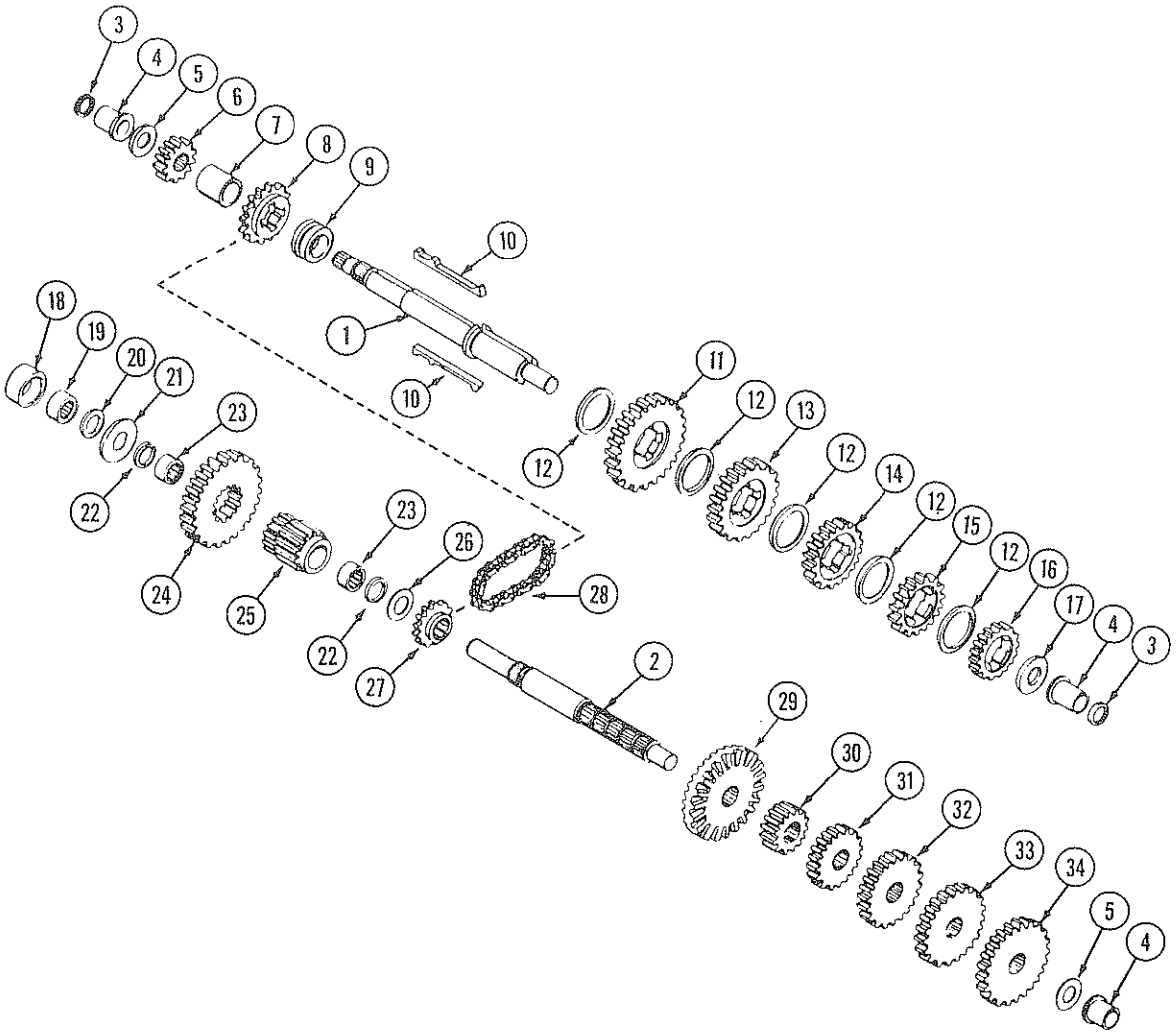
C29241 TRANSAXLE - 5 SPEED Peerless #843
CASE, INPUT SHAFT AND BRAKE

REF.	PART NO.	DESCRIPTION	REQ'D
1	C27552	CASE - transaxle, bottom	1
2	C27576	COVER - transaxle, top	1
3	113-17	SCREW - 1/4" - 20 x 1-1/4" hex	19
4	C27577	ROD AND FORK ASSEMBLY - shift	1
5	C19347	RING - retaining	1
6	C19352	RING - retaining	1
7	C19345	WASHER - thrust	2
8	C28648	"O" RING	1
9	C28649	BEARING - needle	2
10	C28652	GEAR - bevel pinion, input	1
11	C28651	SHAFT - input	1
12	C34148	SCREW - set 3/8" - 16 x 3/8"	1
13	C28654	SPRING - retaining	1
14	C28667	BALL - detent, steel	1
15	C27563	DISK - brake	1
16	C19353	PAD - brake	2
17	C19354	PLATE - brake pad	1
18	C19355	HOLDER - brake pad	1
19	C28650	PIN - dowel	2
20	C27580	LEVER - brake	1
21	C19357	WASHER	1
22	C19358	NUT - 5/16" - 24 lock	2
23	113-111	BOLT - 5/16" - 18 x 2-1/2"	4
24	131-176	NUT - 5/16" lock	4
25	187-1070	BOLT - 5/16" self-tapping (front mounting)	2
26	195-521	WASHER - 5/16" spacer	4
27	353-10	PLUG - hex head	1
28	C28821	BRACKET	1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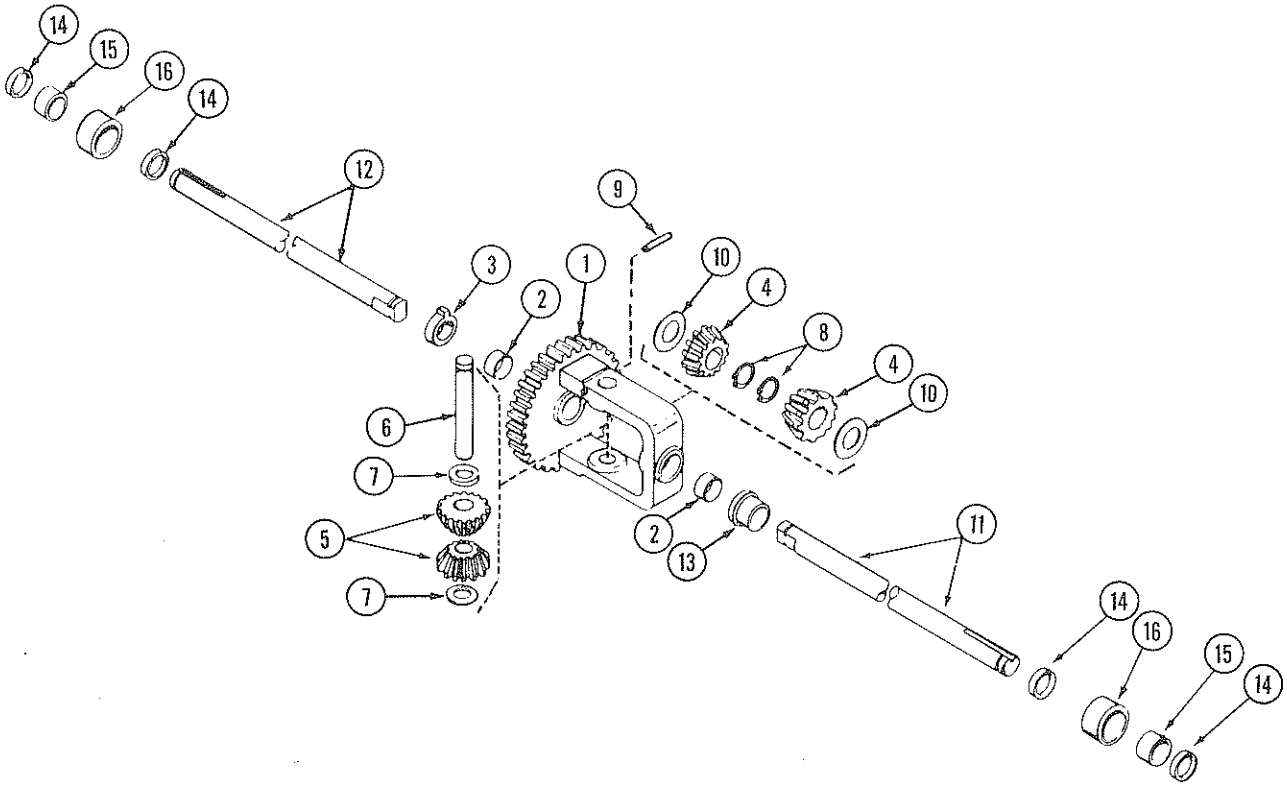
C29241 TRANSAXLE - 5 SPEED
SHIFTER AND BRAKE SHAFT AND COUNTER SHAFT

REF.	PART NO.	DESCRIPTION	REQ'D
1	C29919	SHAFT - shifter and brake	1
2	C27559	SHAFT - counter	1
3	C27570	RING - square cut	2
4	C28653	BUSHING - flanged	3
5	C19345	WASHER - thrust	2
6	C27553	GEAR - spur 15 teeth	1
7	C27560	SPACER	1
8	C28665	SPROCKET - 18 teeth	1
9	C28659	COLLAR - shift	1
10	C28666	KEY	2
11	C27557	GEAR - spur 37 teeth	1
12	C28664	WASHER - thrust	1
13	C28658	GEAR - spur 30 teeth	1
14	C28657	GEAR - spur 25 teeth	1
15	C27555	GEAR - spur 22 teeth	1
16	C28656	GEAR - spur 20 teeth	1
17	C28663	WASHER - thrust	1
18	C27564	SPACER	1
19	C27567	BEARING - needle	1
20	C27574	RING - square cut	1
21	C27568	WASHER	1
22	C27575	RING - square cut	2
23	C27572	BEARING - needle	2
24	C27562	GEAR - output	1
25	C27561	PINION - output	1
26	C27573	WASHER	1
27	C28655	SPROCKET - 9 teeth	1
28	C28668	CHAIN - roller No. 41 (24 links)	1
29	C27558	GEAR - bevel 42 teeth	1
30	C27554	GEAR - spur 12 teeth	1
31	C28660	GEAR - spur 20 teeth	1
32	C28661	GEAR - spur 25 teeth	1
33	C27556	GEAR - spur 28 teeth	1
34	C28662	GEAR - spur 30 teeth	1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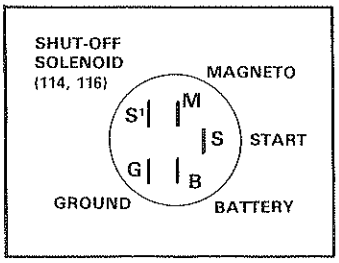
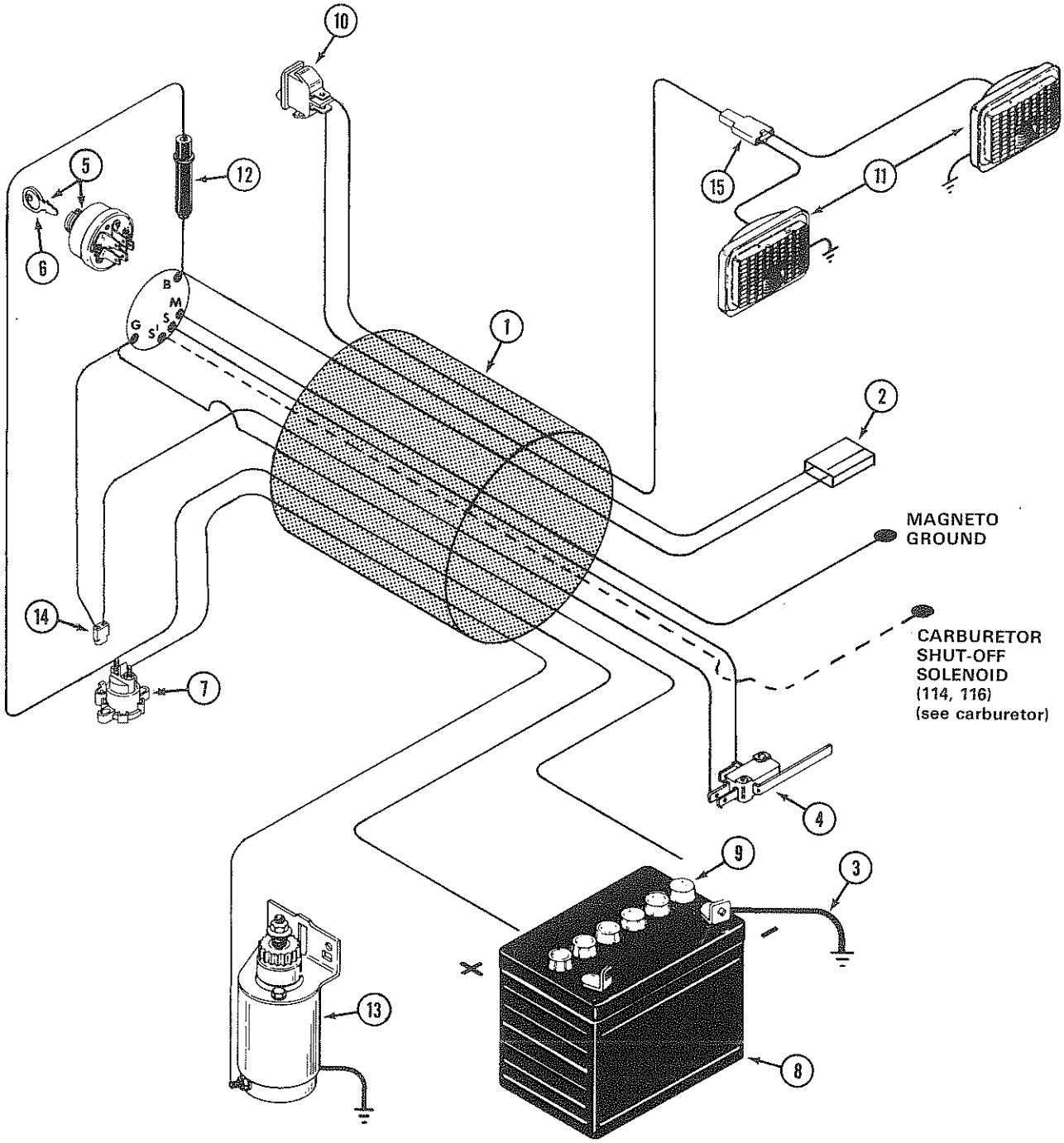
C29241 TRANSAXLE - 5 SPEED
DIFFERENTIAL

REF.	PART NO.	DESCRIPTION	REQ'D
1	C26111	GEAR ASSEMBLY - differential	1
2	C21576	BUSHING	2
3	C27566	BEARING - bronze	1
4	C19309†	GEAR - bevel (shown) for double-D axle shafts	2
4	C30500††	GEAR - bevel (for splined axle shafts)	2
5	C19310	PINION - bevel	2
6	C19311	PIN - drive	1
7	C19312	WASHER - thrust	2
8	C11222	RING - retaining	2
9	138-97	PIN - roll	1
10	C11205	WASHER - thrust	2
11	C27571†	AXLE - R.H. 14-5/8" (371 mm) shown (double-D style)	1
11	C30501††	AXLE - R.H. 14-5/8" (371 mm) (splined style)	1
12	C27579†	AXLE - L.H. 12-3/4" (324 mm) shown (double-D style)	1
12	C30502††	AXLE - L.H. 12-3/4" (324 mm) (splined style)	1
13	C27565	BUSHING - flanged	1
14	C27581	SEAL - oil and dirt	2
15	NSS*	BEARING - needle (use C27569 ball bearing)	2
16	NSS*	SLEEVE - bearing (use C27569 ball bearing)	2

*Discard the needle bearing, sleeve and seals when replacing with C27569 ball bearing.
† used in transaxle Model No. 826
††used in transaxle Model No. 843



IGNITION SWITCH TERMINALS

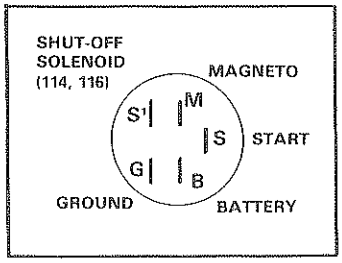


ELECTRICAL SYSTEM

Use before S/N:
108 - all
111 - all
112 - 14102824
114 - 14104697
116 - 14106421

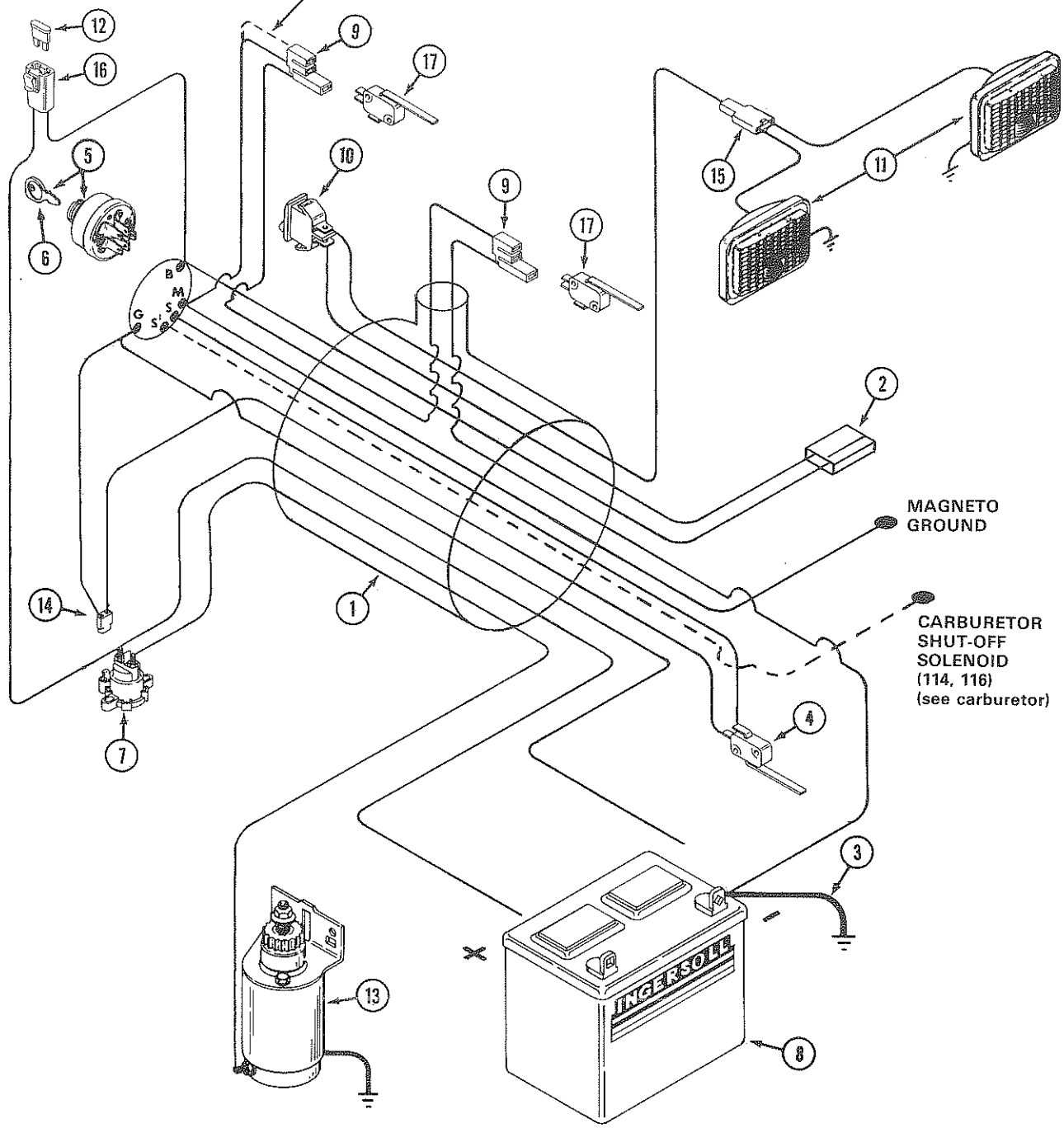
REF.	PART NO.	DESCRIPTION	REQ'D
1	C31035	HARNESS - wire (108, 111, 112)	1
1	C31036	HARNESS - wire (114, 116)	1
2	C25243	CONNECTOR - wire	1
3	C29256	CABLE - battery negative to ground (black)	1
4	C26108	SWITCH - neutral start	1
5	C30267	SWITCH - ignition (includes key and lock washer only)	1
6	C32407	KEY - ignition	1
7	C27523	SOLENOID - start	1
8	C41010	BATTERY - 12 volt	1
9	NLA	CAP - battery	6
10	C43044	SWITCH - headlights	1
11	C32178	HEADLIGHT ASSEMBLY - 12 volt (see page 39 for service)	2
12	223-30	FUSE - 30 amp (included with harness)	1
13	NSS*	STARTER - engine, 12 volt	1
14	C27549	CONNECTOR - solenoid	1
15	C14537	CONNECTOR - headlights	1

* See your local B & S distributor for parts



IGNITION SWITCH TERMINALS

CONNECTION AFTER S/N:
112 - 14103055
114 - 14104919
116 - 14106472



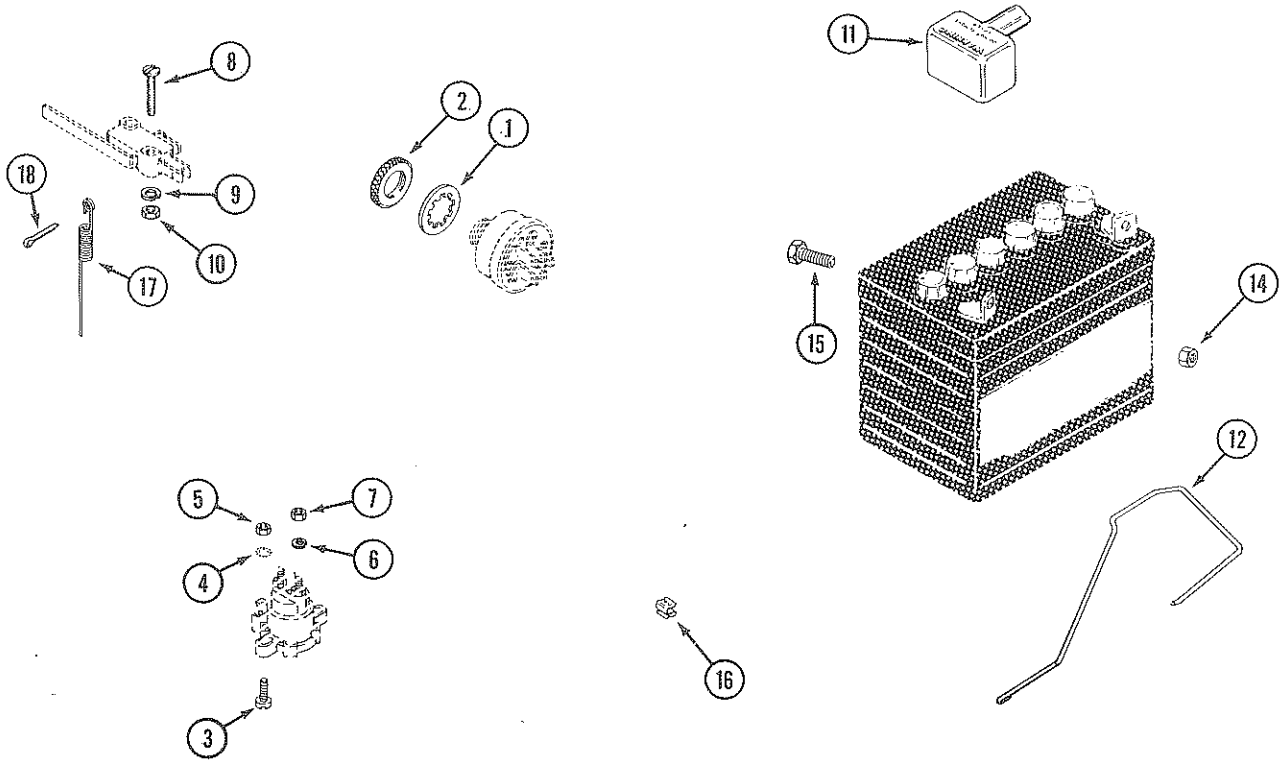
ELECTRICAL SYSTEM

Use S/N and after:
112 - 14102824
114 - 14104697
116 - 14106421

REF.	PART NO.	DESCRIPTION	REQ'D
1	C31035	HARNESS - wire (112) (use before S/N 14103055)	1
1	C31036*	HARNESS - wire (114, 116)	1
1	C33095	HARNESS - wire (112) (use S/N 14103055 and after)	1
1	C33096**	HARNESS - wire (114, 116)	1
2	C25243	CONNECTOR - wire	1
3	C29256	CABLE - battery negative to ground (black)	1
4	C26108	SWITCH - neutral start	1
5	C30267	SWITCH - ignition (includes key and lock washer only)	1
6	C32407	KEY - ignition	1
7	NSS	SOLENOID - start (use C33025)	1
8	C41010	BATTERY - 12 volt	1
9	30279	CONNECTOR - interloc switch	2
10	C43044	SWITCH - headlights	1
11	C32178	HEADLIGHT ASSEMBLY - 12 volt (see page 39 for service)	2
12	30260	FUSE - 30 amp (included with harness)	1
13	NSS	STARTER - engine (see your local B & S distributor)	1
14	C27549†	CONNECTOR - solenoid	1
15	C14537	CONNECTOR - headlights	1
16	C31947	HOLDER - fuse (includes fuse)	1
17	C30275	SWITCH - interloc	2
18	C33088††	CABLE - solenoid to starter (112)	1
18	C33023††	CABLE - solenoid to starter (114, 116)	1
19	C33022††	CABLE - solenoid to battery	1
	C33300	HARNESS - wire, engine charge (116 - motor type 4001)	1

* Use before S/N:
** Use S/N and after:
114 - 14104919
116 - 14106472

† Use before S/N:
†† Use S/N and after:
112 - 14122349
114 - 14123089
116 - 14123800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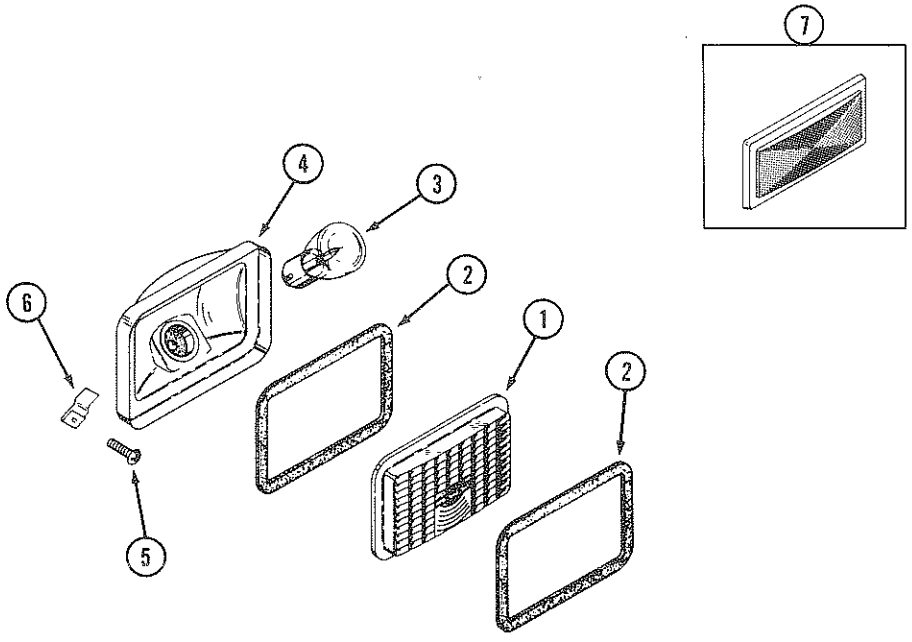
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ELECTRICAL SYSTEM HARDWARE

REF.	PART NO.	DESCRIPTION	REQ'D
1	C23248	WASHER - internal tooth 5/8"	1
2	NSS	NUT - 5/8" - 32 knurled (use C32396, C32397)	1
3	182-559	SCREW - No. 10 - 24 x 3/4" black	2
4	193-70	LOCKWASHER - No. 10 external tooth	2
5	129-17	NUT - No. 10 - 24 hex	2
6	192-18	LOCKWASHER - 3/16"	2
6	192-19	LOCKWASHER - 1/4"	2
7	129-37	NUT - No. 10-32	3
7	129-101	NUT - 1/4" - 20	2
8	182-10	SCREW - No. 4 - 40 x 7/8"	6
9	192-13	LOCKWASHER - No. 4	6
10	C33697	NUT - No. 4 - 40	6
11	C24069	COVER - terminal	1
12	C15114	CLAMP - battery hold down	1
14	129-101	NUT - 1/4" - 20	2
14	129-102	NUT - 5/16" - 18	2
15	111-132	BOLT - 5/16" - 18 x 3/4" carriage	2
15	113-3	BOLT - 1/4" - 20 x 3/4"	2
16	C19521	CLIP - wire, headlight	1
17	C29169	SPRING - switch activating	1
18	132-334	PIN - cotter 1/8" x 3/4"	2
	C28962	CLIP - wire	UAR

HEADLIGHT AND REAR REFLECTOR

	C32178	HEADLIGHT ASSEMBLY	2
1	C22573	LENS - headlight	1
2	C14304	GASKET - headlight	2
3	C28932	BULB - headlight	1
4	NSS	RECEPTACLE - headlight (use C32178)	1
5	187-1334	SCREW - No. 8 - 18 x 1/2" black	4
6	C29637	RETAINER - headlight	4
7	C30942*	REFLECTOR - red, rear	2

* will require 2
before S/N:
108 - all
111 - all
112 - 14102824
114 - 14104697
116 - 14106421

10

INGERSOLL

1

108 YT

2

111 YT

12

112 YT

3

114 YT

4

116 YT

9

INGERSOLL

8

CLUTCH
BRAKE

7

11

CAUTION
PINCH POINT
READ OPERATOR'S MANUAL

5

CAUTION

READ OPERATOR'S MANUALS.
KNOW LOCATION AND FUNCTION OF ALL CONTROLS.
KEEP ALL SHIELDS AND SAFETY SWITCHES FUNCTIONAL.
BEFORE STARTING ENGINE: DISENGAGE ATTACHMENT DRIVE AND PLACE TRAVEL CONTROL IN NEUTRAL.
REMOVE OBJECTS FROM THE TERRAIN THAT COULD BE THROWN BY THE ATTACHMENT.
KEEP PEOPLE AND PETS A SAFE DISTANCE AWAY.
NEVER CARRY PASSENGERS.
ALWAYS LOOK BEHIND TRACTOR BEFORE BACKING.
ON ANY INCLINE THAT THE TRACTOR CAN BE SAFELY OPERATED USE LOW RANGE/GEAR.
FRONT END TIP OVER CAN OCCUR WHEN OPERATING ON LOADING RAMPS OR HILLS, BACK UP RAMPS OR HILLS.
DRIVE FORWARD GOING DOWN RAMPS OR HILLS.
TO PARK TRACTOR: PLACE TRAVEL CONTROL IN NEUTRAL, SET PARKING BRAKE, DISENGAGE ATTACHMENT DRIVE, ENGINE OFF AND REMOVE KEY.
PARK TRACTOR BEFORE SERVICING OR MAKING ADJUSTMENTS TO TRACTOR OR ATTACHMENTS.

FAILURE TO OBSERVE THESE PRECAUTIONS COULD RESULT IN INJURY.

13

Ingersoll

6

OPERATING INSTRUCTIONS

READ OPERATOR'S MANUAL FOR COMPLETE OPERATING INSTRUCTIONS.
CLUTCH/BRAKE PEDAL IS ON LEFT SIDE OF TRACTOR.
TO DISENGAGE CLUTCH PUSH PEDAL DOWN HALF WAY.
TO *APPLY BRAKE* PUSH PEDAL *DOWN FULLY.*
PARKING BRAKE LOCK IS ON LEFT SIDE OF TRACTOR FRAME BELOW FRONT EDGE OF SEAT.
TO ENGAGE APPLY BRAKE AND LIFT LOCK.
TO RELEASE PUSH BRAKE PEDAL DOWN.
TO START ENGINE: DISENGAGE ATTACHMENT DRIVE, PUT TRANSMISSION IN NEUTRAL AND APPLY BRAKE.

PARKING BRAKE LOCK

LIFT TO LOCK

14

DECALS

Use before S/N:
108 - all
111 - all
112 - 14102824
114 - 14104697
116 - 14106421

REF.	PART NO.	DESCRIPTION	REQ'D
1	C29253	DECAL - hood - L.H. (108) shown	1
1	C29254	DECAL - hood - R.H. (108)	1
2	C29224	DECAL - hood - L.H. (111) shown	1
2	C29225	DECAL - hood - R.H. (111)	1
3	C29226	DECAL - hood - L.H. (114) shown	1
3	C29227	DECAL - hood - R.H. (114)	1
4	C29228	DECAL - hood - L.H. (116) shown	1
4	C29229	DECAL - hood - R.H. (116)	1
5	321-6659	DECAL - "caution"	1
6	C29201	DECAL - instruction	1
7	C27875	DECAL - clutch, brake	1
8	NLA	MEDALLION - "Case"	1
9	C29202	DECAL - seat back (Ingersoll)	1
10	C27962	DECAL - "Ingersoll" stripe L.H. (shown)	1
10	C27963	DECAL - "Ingersoll" strip R.H.	1
11	C29478	DECAL - pinch point	2
12	C30149	DECAL - hood L.H. (112) shown	1
12	C30150	DECAL - hood R.H. (112)	1
13	C32093	DECAL - seat back (logo)	1
14	C30539	MEDALLION - Ingersoll	1

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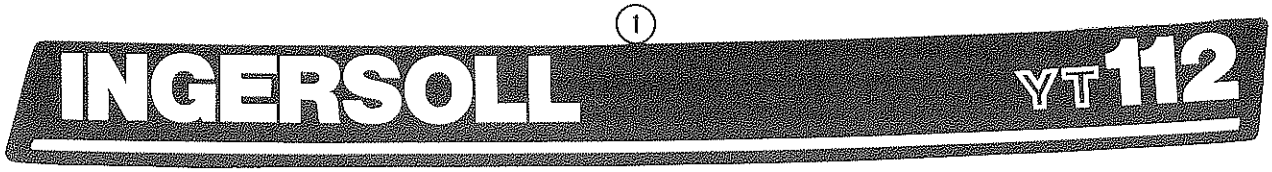

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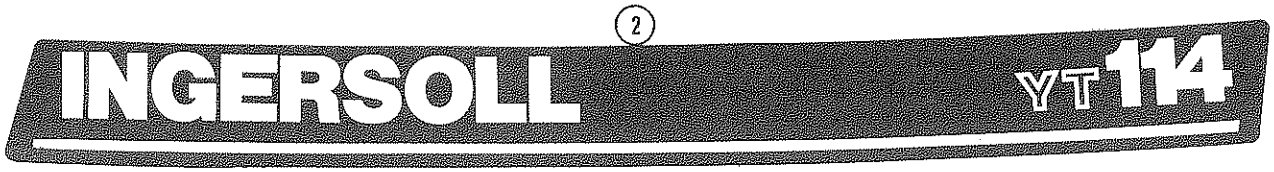

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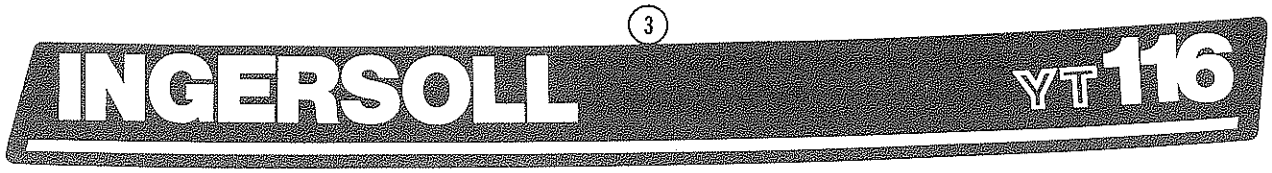

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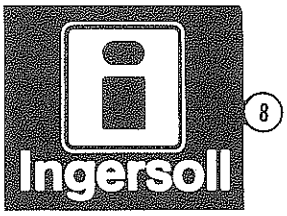

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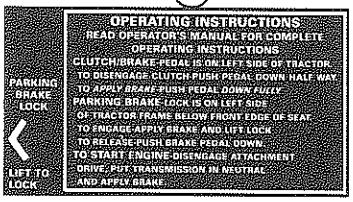

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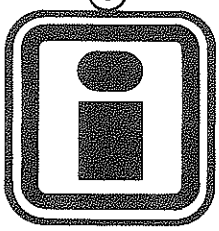

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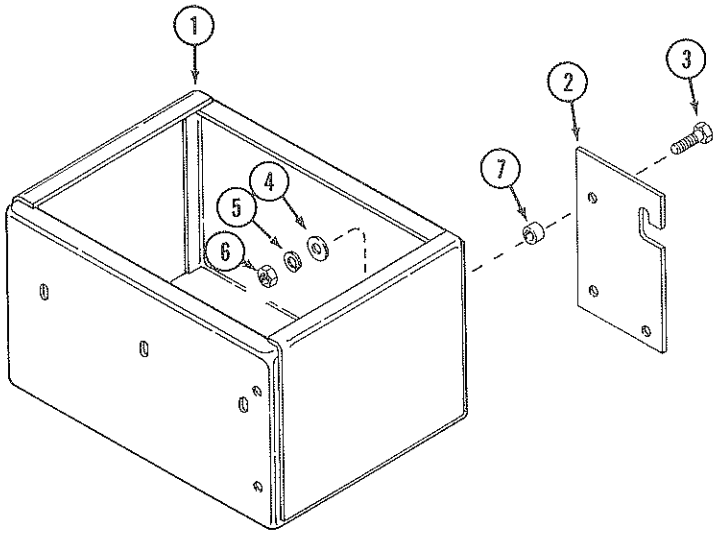
DECALS

Use S/N and after:
112 - 14102824
114 - 14104697
116 - 14106421

REF.	PART NO.	DESCRIPTION	REQ'D
1	C30947*	DECAL - hood - L.H. (112)	1
1	C30948*	DECAL - hood - R.H. (112) shown	1
1	C32141**	DECAL - hood - L.H. (112)	1
1	C32157**	DECAL - hood - R.H. (112)	1
2	C30949*	DECAL - hood - L.H. (114)	1
2	C30950*	DECAL - hood - R.H. (114) shown	1
2	C32142**	DECAL - hood - L.H. (114)	1
2	C32158**	DECAL - hood - R.H. (114)	1
3	C30951*	DECAL - hood - L.H. (116)	1
3	C30952*	DECAL - hood - R.H. (116) shown	1
3	C32143**	DECAL - hood - L.H. (116)	1
3	C32159**	DECAL - hood - R.H. (116)	1
4	321-6659	DECAL - "caution"	1
5	C29201	DECAL - instruction	1
6	C33585	DECAL - clutch, brake	1
7	C29478	DECAL - pinch point	2
8	C32093	DECAL - seat back (logo)	1
9	C30539	MEDALLION - INGERSOLL	1
10	C34184	DECAL - flag (made in U.S.A.)	1

* Use before S/N:
** Use S/N and after:
112 - 14122100
114 - 14122900
116 - 14123700

New decals will service old if both sides are replaced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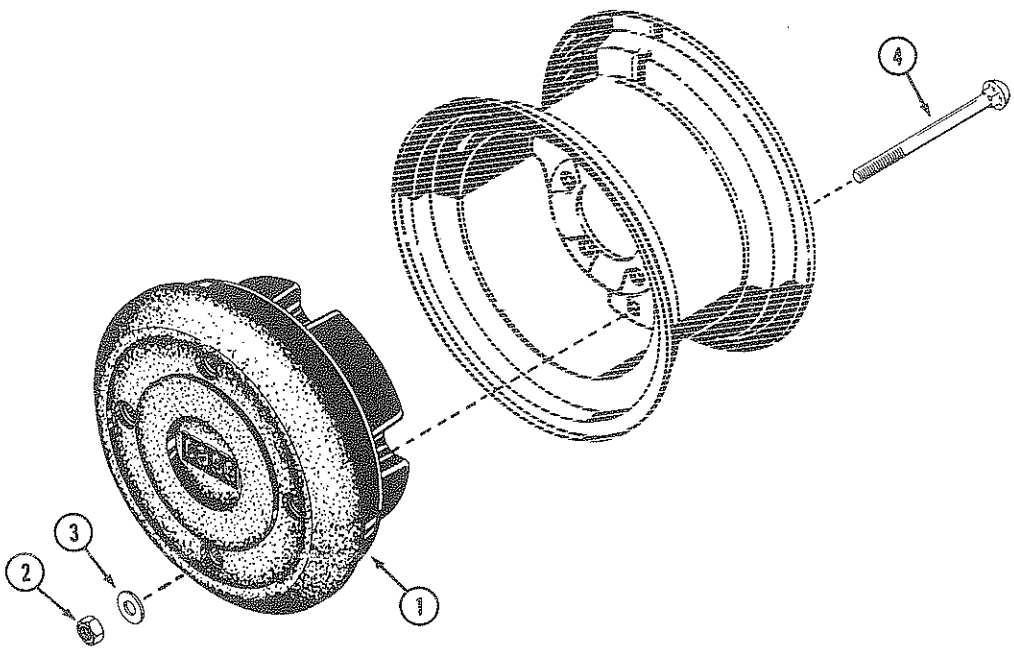
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M13 WEIGHT BOX

REF.	PART NO.	DESCRIPTION	REQ'D
1	NSS	BOX - weight (order M13 from wholegoods)	1
2	C29702	BRACKET - mounting	2
3	113-207	BOLT - 3/8" - 16 x 1"	4
4	195-525	WASHER - 3/8"	4
5	192-21	LOCKWASHER - 3/8"	4
6	129-103	NUT - 3/8" - 16	4
7	C14768	SPACER - mounting (left side only)	2

WW10 WHEEL WEIGHTS

1	NSS	WEIGHT - wheel 31 lbs (order WW10 from whole goods)	2
2	113-251	BOLT - 3/8" - 16 x 7-1/2"	4
3	195-522	WASHER - 3/8"	4
4	192-21	LOCKWASHER - 3/8"	4
5	129-103	NUT - 3/8" - 16	4

M13 WEIGHT BOX

REF.	PART NO.	DESCRIPTION	REQ'D
1	NSS	BOX - weight (order M13 from wholegoods)	1
2	C29702	BRACKET - mounting	2
3	113-207	BOLT - 3/8" - 16 x 1"	4
4	195-525	WASHER - 3/8"	4
5	192-21	LOCKWASHER - 3/8"	4
6	129-103	NUT - 3/8" - 16	4
7	C14768	SPACER - mounting (left side only)	2

WW10 WHEEL WEIGHTS

1	NSS	WEIGHT - wheel 31 lbs (order WW10 from whole goods)	2
2	113-251	BOLT - 3/8" - 16 x 7-1/2"	4
3	195-522	WASHER - 3/8"	4
4	192-21	LOCKWASHER - 3/8"	4
5	129-103	NUT - 3/8" - 16	4

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