Parts Manual for

SNAPPER®

21" STEEL DECK WALK BEHIND COMMERCIAL MOWERS SERIES 19 & 20

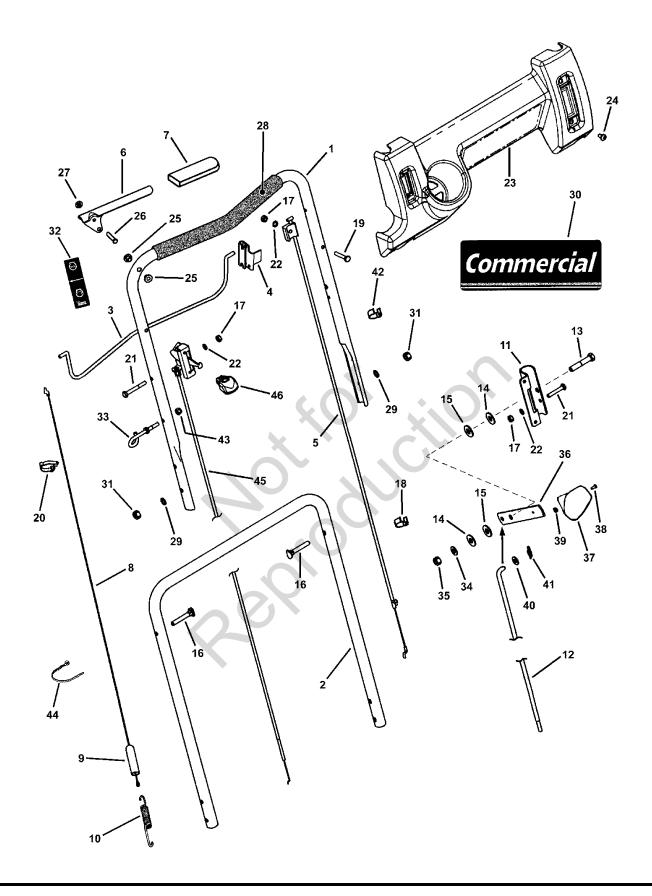


MODEL

CP215519HV (7800038) CP215520HV (7800372) CP216019KWV (7800194) CP216019KWV (7800037) CRP216019KWV (7800200) CRP216019KWV (7800036)

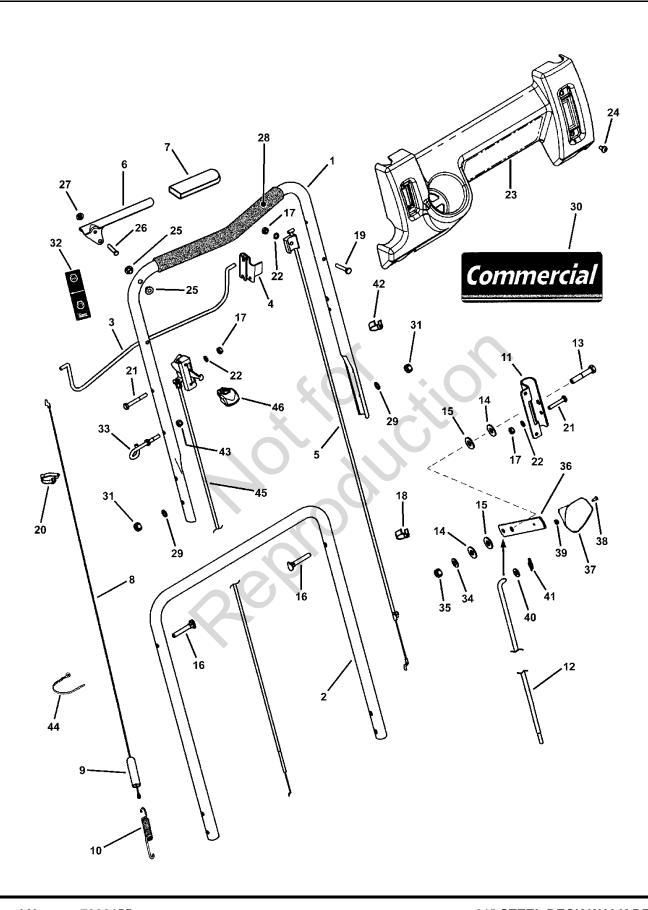
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HANDLES & CONTROLS - Upper End

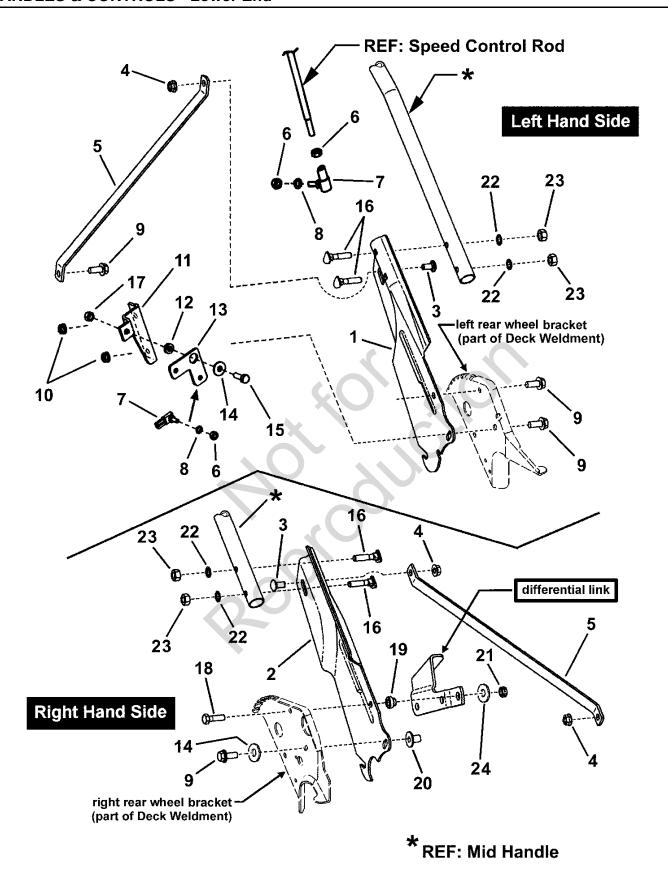
Item	Part No	Qty	Description	Note
1	7074411	1	HANDLE, Upper	
2	7074156	1	HANDLE, Middle	
3	7074418	1	BAIL, OPC Control	
4	7034872	1	CLIP, Zone Control	
5	7074141	1	CABLE, Zone Control (56-5/16" Long)	used on CP216019KWV & CRP216019KWV
5	7029344	1	CABLE, Zone Control (49.98" Long)	used on CP215519HV
5	7102235	1	CABLE, Zone Control (60.3" Long)	used on CP215520HV
6	7074473	1	HANDLE, Clutch	
7	7075305	1	COVER, Grip, Black 1.125"	used on CP215519HV & CP215520HV
7	7028407	1	GRIP, International Symbol, Black 4.6"	
8	7034604	1	CABLE, Clutch Control (41-1/4" Long)	
9	7012121	1	COVER, Vinyl	
10	7012122	1	SPRING, Clutch- 21S	
11	7074003	1	BRACKET, Shift	
12	7074133	1	ROD, Speed Control (1/4-28 thread)	
13	7091305	1	SCREW, 3/8-16 x 2" Hex Head Cap, GR 5	
14	7031961	2	WASHER, 7/16" Flat	
15	7028465	2	WASHER, Nylon	
16	7091190	2	BOLT, 5/16-18 x 1-1/2" Curved Head) ~
17	7091576	2	NUT, 1/4-20 Hex	was 7091100
18	7023813	3	CLIP, Wiring Harness	
19	7079577	2	SCREW, 1/4-20 x 1-1/2" Hex Head Cap GR5	
20	7026219	1	CLAMP, 7/8" Double Cable	
21	7090505	2	SCREW, 1/4-20 x 2" Hex Head Cap, GR 5	
22	7090053	2	WASHER, 1/4" Internal Tooth Lock	was 7091023
23	7074140	1	CONTROL PANEL (w/o Electrical Switch Hole)	
24	7091200	4	SCREW, 1/4-20 x 1/2" Pan Head Self-Tap (Torx)	
25	7014343	2	BUSHING, .27 x .35 x .4 Flange	
26	7023792	1	PIN, 1/4 x 1-1/2"	
27	7091020	1	PUSH-NUT, 1/4"	
28	7023810	1	FOAM GRIP, 18.75" long	
29	7090391	2	WASHER, 5/16" Internal Tooth Lock	
30	7100181	1	DECAL, Commercial, Control Panel	
31	7091069	2	NUT, 5/16-18 Hex, GR 5	or 7091511
32	7029782	1	DECAL, OPC Bail (International Symbol)	
33	7028488	1	GUIDE, Rope (1/4-20 thread)	
34	7028568	1	WASHER, Belleville	



HANDLES & CONTROLS - Upper End

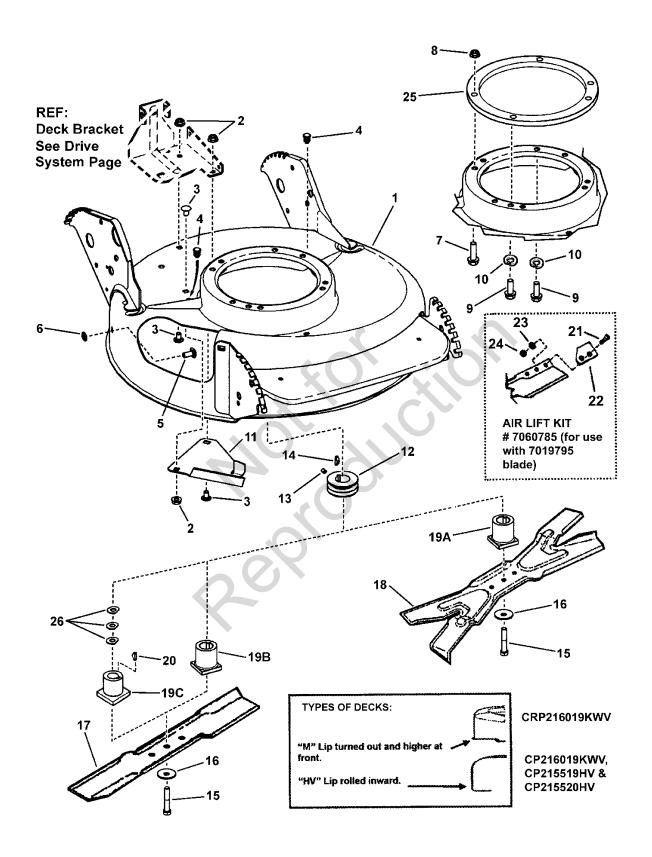
Item	Part No	Qty	Description	Note
35	7091585	1	NUT, 3/8-16 Hex Center Lock	
36	7074113	1	LEVER, Shift	
37	7075182	1	KNOB, Shift	
38	7091167	1	SCREW, #8-32 x 1/2" Cross Recess Filister Head Machine	
39	7091018	1	NUT, #8-32 Hex	
40	7090188	3	WASHER, 3/8" Flat	
41	7034162	1	COTTER PIN, 5/16 Self Lock	
42	7024641	1	TIE, Wire, 1.29 long, black	
43	7076978	1	NUT, 1/4-28 Hex Nyloc	
44	7012080	2	CABLE-TIE, 7"	
45	7078026	1	THROTTLE CONTROL, 5.5 HP, Honda (50.81" long)	used on CP215519HV & CP215520HV
45	7074138	1	THROTTLE CONTROL, 6.0 HP Kawasaki (53.25" long)	used on CP216019KWV & CRP216019KWV
46	7075308	1	THROTTLE KNOB	





HANDLES & CONTROLS - Lower End

Item	Part No	Qty	Description	Note
1	7033985	1	HANDLE, Lower LH (Adjustable)	
2	7033986	1	HANDLE, Lower RH (Adjustable)	
3	7091026	2	BOLT, 5/16-18 x 5/8" Short Neck Carriage GR 5	
4	7091601	3	NUT, 5/16-18 Hex Flange Lock GR 5	was 7091070
5	7046707	2	STRAP, Handle	
6	7090095	4	NUT, 1/4-28 Hex, GR 5	
7	7015753	2	BALL JOINT, 1/4-28	
8	7090053	4	WASHER, 1/4" Internal Tooth Lock	
9	7090595	5	BOLT, 5/16-18 x 3/4" Hex Flange Lock GR 5	
10	7090585	10	NUT, 5/16-18 Hex Flange Lock, GR 5	
11	7073822	1	BRACKET, Bell Crank	
12	7013849	1	SPACER, .33 x .63 x .156	
13	7073913	1	BELL CRANK	
14	7091130	2	WASHER, .33 x .88 x .09 Flat	
15	7091904	1	SCREW, 5/16-18 x 7/8" Hex Head Cap, GR 5	
16	7091190	4	BOLT, 5/16-18 x 1-1/2" Curved Head	
17	7091575	1	NUT, 5/16-18 Hex Center Lock	was 7091067
18	7090238	1	SCREW, 5/16-24 x 1" Hex Head Cap GR5	
19	7012114	1	BUSHING, Differential	
20	7090895	1	NUT, 5/16-18 Tee	
21	7091606	1	NUT, 5/16-24 Hex Center Lock, GR 5	was 7091074
22	7090391	4	WASHER, 5/16" Internal Tooth Lock	
23	7091511	4	NUT, 5/16-18 Hex, GR 5	was 7091069
24	7090188	1	WASHER, 3/8" Flat	
			66610 470,0917	



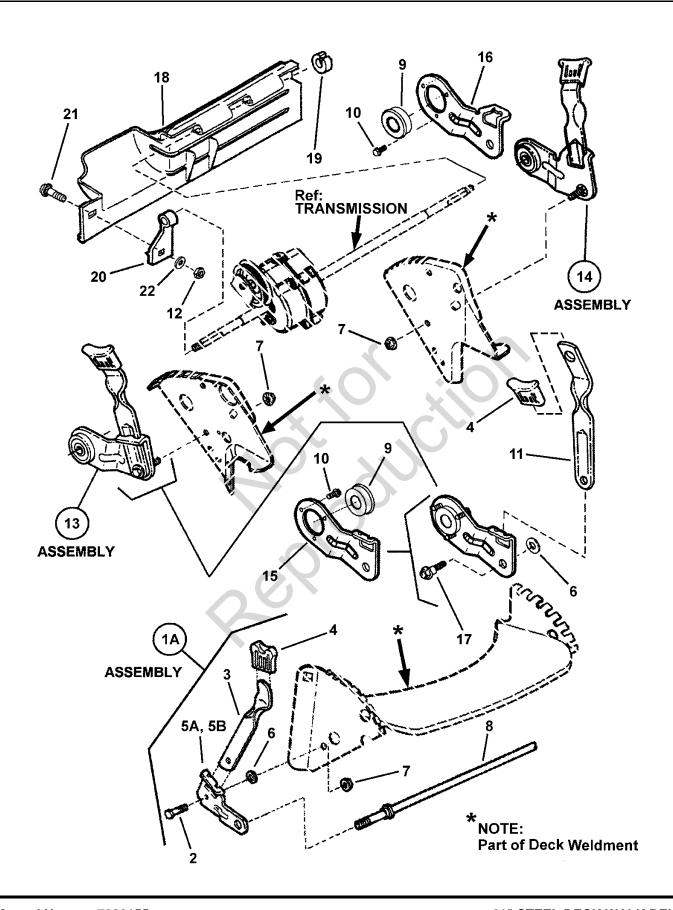
CUTTING DECK, BLADE

Item	Part No	Qty	Description	Note
1	7500081	1	* WELDMENT, Deck, 21" Non-Adjust Air	was 7400026, used on CRP216019KWV
1	7400027	1	* WELDMENT, Deck, 21", S.P., Hi-Vac	used on CP216019KWV, CP215519HV & CP215520HV
2	7091601	3	NUT, 5/16-18 Hex Flange Lock GR 5	was 7091070
3	7090731	3	BOLT, 5/16-18 x 1/2", Short Neck Carriage, GR 5	or 7092061
4	7046780	2	PLUG, Hole, Polyethylene	
5	7090001	1	BOLT, 5/16-18 x 3/4" Short Neck Carriage GR 5	or 7091508
6	7011791	1	RETAINER, 5/16" Bolt	
7	7090700	1	BOLT, 5/16-18 x 1-1/2" Hex Flange Lock, GR5	engine mount bolts (Honda)
8	7091601	1	NUT, 5/16-18 Hex Flange Lock, GR 5	was 7091070 or 7090585
9	7090238	2	SCREW, 5/16-24 x 1" Hex Head Cap GR 5	engine mount bolts (Honda)
10	7091315	2	WASHER, .32 x .58 x .08 Split Lock	on engine mount bolts (Honda)
11	7074568	1	COVER, Belt	
12	7015780	1	PULLEY- Engine (25mm I.D. x 2-1/8" O.D.)	used on Kawasaki engines
12	7021822	1	PULLEY- Engine (1.085 I.D. x 2-1/8" O.D.)	used on Honda engines
13	7090201	1	SCREW, 5/16-18 x 5/16" Hex Socket Head	used with 7015780
13	7092086	1	SCREW, 5/16-18 x 1/2" Hex Socket Head	used with 7021822
14	7091214	1	KEY, Woodruff #HP-506 Hi-Pro	
15	7090167	1	SCREW, 3/8-24 x 2" Hex Head Cap, GR 5	
16	7012063	2	WASHER, Cone	•
17	7026691	1	BLADE, Cutter (Standard Lift)	
18	7026407	1	BLADE, 21" Ninja (Quad Edge)	
19A	7101414	1	** HUB, Blade Drive, 25mm I.D. RD 2 Position	used on CRP216019KWV
19B	7015626	1	** HUB, Blade Drive, 25mm I.D.	used on CP216019KWV
19C	7012927	1	** HUB, Blade Drive, 7/8" I.D.	used on CP215519HV & CP215520HV
20	7010783	2	KEY, #505 Hi-Pro	
21	7090228	4	SCREW, 5/16-24 x 21/32" Oval Head Machine	
22	7032558	2	AIR LIFT	
23	7090391	4	WASHER, 5/16" Internal Tooth Lock	
24	7090223	4	NUT, 5/16-24 Hex, GR 5	
25	7300969A	1	RING, Engine Spacer	used on CP215520HV model
26	7044770	3	SPACER, .06 Blade Hub	used on CP215520HV model
		1	*** ENGINE, 6 HP Kawasaki w/side recoil Model FJ180V-DS13-R (not shown)	
		1	*** ENGINE, 6 HP Kawasaki w/side recoil Model FJ180V-BS23-R (not shown)	
		1	*** ENGINE, 5.5 HP Honda Model GXV160, Type K1A1AS (not shown)	used on CP215519HV
		1	*** ENGINE, 5.5 HP Honda Model GXV160, Type UH2A1AS (not shown)	used on CP215520HV model

Footnotes:

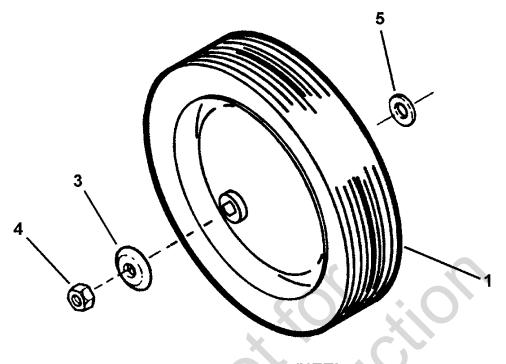
NOTE: * FINISH: red painted but w/o decals NOTE: ** Part number is inscribed on hub.

NOTE: *** Purchase engine parts from engine manufacturer dealer.

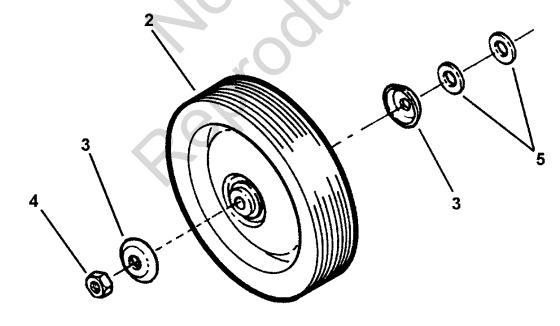


WHEEL BRACKETS, LATCHES

Item	Part No	Qty	Description	Note
1A	7051886	1	ASSEMBLY, Right Wheel Arm	
1B	7051885	1	ASSEMBLY, Left Wheel Arm	not shown
2	7015761	1	BOLT, 5/16-18 x 3/4" Hex Washer Face Shoulder	per wheel arm assembly
3	7012325	1	LATCH, Height	per wheel arm assembly
4	7100633	1	GRIP, Height Latch	replaces 7027702
5A	7031017	1	WHEEL ARM, R.H. Front (Round Hole)	
5B	7031016	1	WHEEL ARM, L.H. Front (Square Hole)	not shown
6	7011791	4	RETAINER, 5/16" Bolt	
7	7091070	2	NUT, 5/16-18 Hex Flange Lock, GR 5	or 7091601 or 7090585
8	7021119	1	AXLE, 21"	
9	7012312	1	BEARING, 9/16" I.D.	per Rear Wheel Arm
10	7091012	3	SCREW, #10-32 x 3/8" Hex washer Self-Tap	per Rear Wheel Arm
11	7035717	1	LATCH, Height Adjusting (long)	per Rear Wheel Arm
12	7091576	1	NUT, 1/4-20 Hex, GR 5 or B	was 7090063
13	7054246	1	ASSY, Wheel Arm, Right Rear (S.P.)	was 7054230, Incl. 4, 6, 9, 10, 11, 15 & 17
14	7054247	1	ASSY, Wheel Arm Left Rear Long (S.P.)	was 7054231, Incl. 4, 6, 9, 10, 11, 16 & 17
15	7032722	1	ARM, Wheel, Right Rear	
16	7032723	1	ARM, Wheel, Left Rear	
17	7011078	1	BOLT, 5/16-18 x 1" Hex Washer Face Shoulder	per wheel arm assembly
18	7029008	1	FOOT GUARD, Rear	
19	7023791	1	RING, Split (Black)	
20	7012616	1	SUPPORT, Foot Guard	
21	7091604	1	BOLT, 1/4-20 x 1/2" Short Neck Carriage GR 5	was 7090005
22	7090053	1	WASHER, 1/4" Internal Tooth Lock	was 7091023



REAR WHEEL

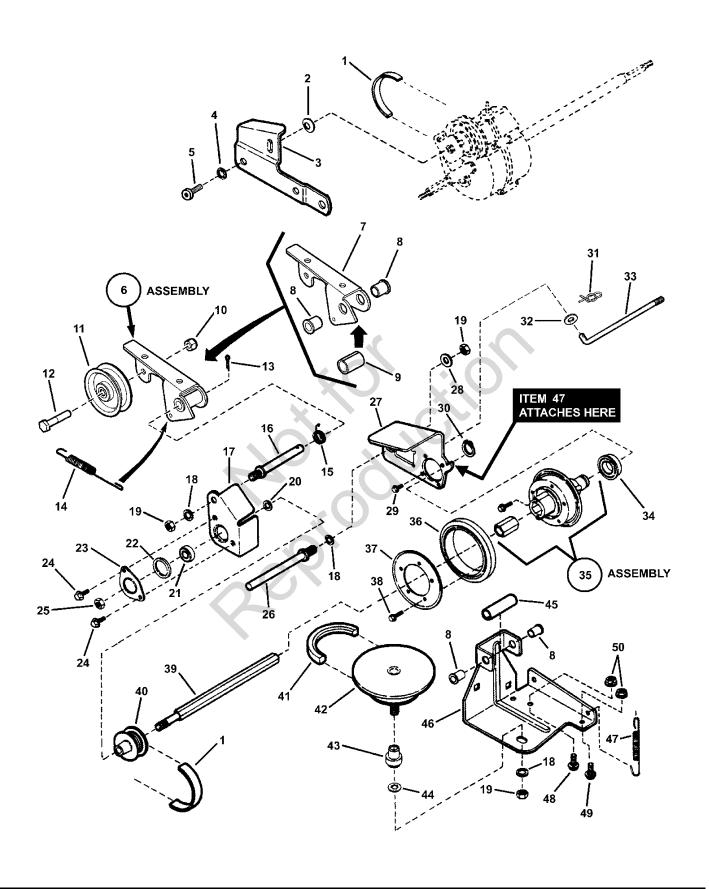


FRONT WHEEL

WHEELS, FRONT & REAR

Item	Part No	Qty	Description	Note
1	7035726	2	WHEEL, Rear 10.0 x 1.75 Diamond Grey	
2	7035727	2	WHEEL, Front 8.0 x 1.75 Diamond Black	
3	7031121	4	HUB-CAP (Front Wheels)	
3	7031960	2	HUB-CAP (Rear Wheels)	
4	7090377	4	NUT, 7/16-20 Hex Center Lock Jam	
5	7031961	6	WASHER, 7/16" Flat	



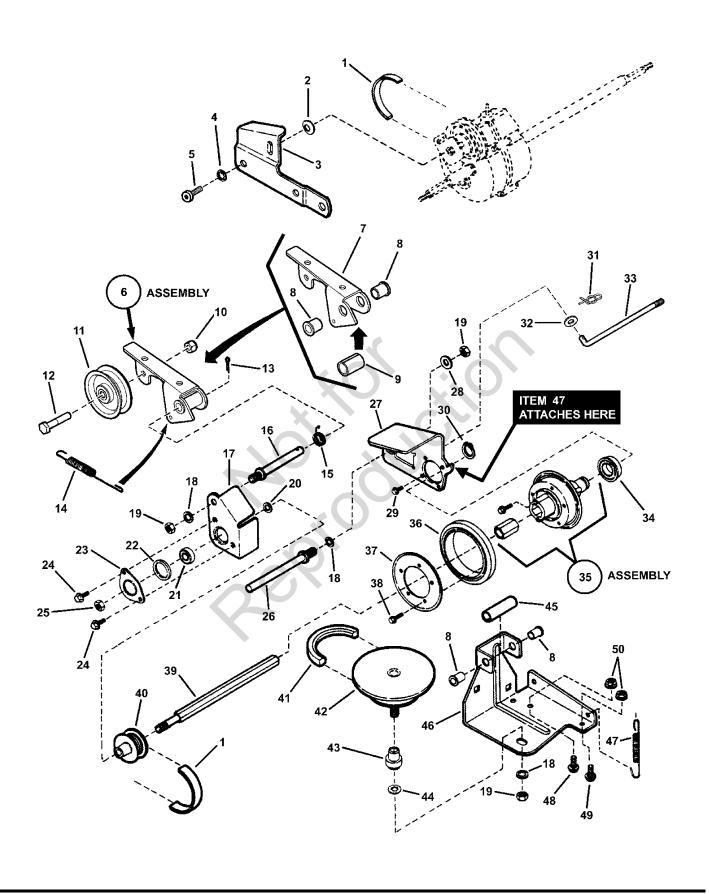


DRIVE SYSTEM SELF-PROPELLED

Item	Part No	Qty	Description	Note
1	7012354	1	BELT, Poly-V	
2	7011724	1	WASHER, 44 x .78 x .025 Curved	
	7051913	1	ASSEMBLY, Clutch Idler (incl. items 3 thru 6)	
3	7034179	1	LINK, Differential	
4	7090391	1	WASHER, 5/16" Internal Tooth Lock	
5	7091542	1	SCREW, 5/16-18 x 1/2" Pan Head Self-Tap (Torx)	
6	7500154	1	ASSEMBLY, Idler Arm, Bushing & Spacer	
7	7032832	1	ARM, Clutch Idler	
8	7012306	4	BUSHING, Flange (Powdered Metal)	
9	7100447	1	SPACER, Idler Arm	
10	7090303	1	NUT, 1/4-28 Hex Top Lock	
11	7012124	1	PULLEY, Idler	
12	7091025	1	SCREW, 1/4-28 x 1-3/8" Hex Head Cap, GR 5	
13	7091597	1	COTTER PIN, 3/32 x 1/2"	was 7090555
14	7012122	1	SPRING, Clutch- 21S	
15	7012126	1	SPRING, Idler- Torsion	
16	7012111	1	STUD, Idler (3/8-24 thread)	
17	7031873	1	HOLDER, Bearing (Inner Half)	
18	7090390	3	WASHER, 3/8" Internal Tooth Lock	
19	7091630	3	NUT, 3/8-24 Hex	
20	7012316	1	WASHER, 3/8" Flat	
21	7028014	1	BALL BEARING, Spherical O.D., .38 I.D.	
22	7011025	1	O-RING	
23	7031809	1	HOLDER, Bearing (Outer Half)	
24	7091122	2	SCREW, 1/4-20 x 1/2" Hex Flange Self-Tap	was 7090539
25	7090289	1	NUT, 3/8-24 Hex Center Lock, GR 5	
26	7012125	1	GUIDE, Thrust Plate (3/8-24 thread)	
27	7300977A	1	THRUST PLATE, Short	was 7034281
28	7090122	1	WASHER, 3/8" Flat	
29	7090981	4	SCREW, #10-32 x 1/4" Self-Tap Machine	
30	7010746	1	RETAINING RING, .625 External	
31	7090673	1	COTTER PIN, .06 x .50	was 7091629
32	7091294	1	WASHER, .28 x .63 x .06 Flat	
33	7074145	1	LINK, Transfer (1/4-28 thread)	
34	7029027	1	BALL BEARING, 3/4" Bore- Commercial	
35	7061276	1	* ASSEMBLY, Bushing & Hub	was 7053217, Incl. Hub (7017073), Bushing (7014678), Hex, Drive Bushing (7011108) & 2 #10-24 x 1/2" Hex Self-Tap Screws (7090913)
36	7023364	1	DRIVEN RING, 21P	was 7010927

Footnotes:

* NOTE: Driven Disc Ass'y (7501000) is composed of items 18, 19, 26-30, 32 & 34-38. Was 7073390

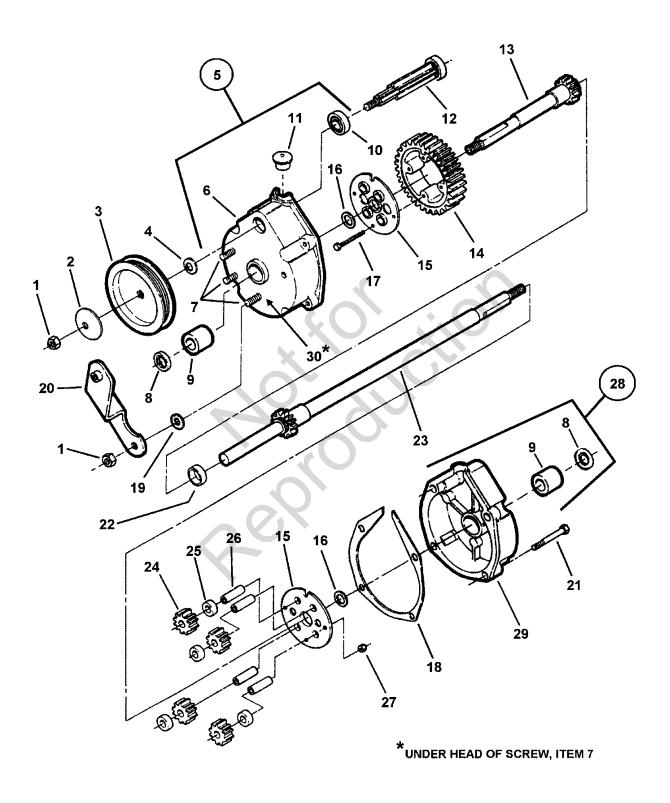


DRIVE SYSTEM SELF-PROPELLED

Item	Part No	Qty	Description	Note
37	7031013	1	PLATE, Ring Retaining	
38	7090913	2	SCREW, #10-24 x 1/2" Self-Tap Machine	
39	7072284	1	SHAFT, Hex (3/8-24 thread, one end)	
40	7019383	1	PULLEY, Poly-V (2.00" O. D.)	
41	7046784	1	BELT, Engine Drive (Stretch)	
42	7073528	1	ASSEMBLY, Steel Drive Disc	
43	7017696	1	BUSHING, Powdered Metal	
44	7011791	1	RETAINER, 5/16" Bolt	
	7052987	1	ASSEMBLY, Deck Bracket (Incl. items 8, 45 & 46)	
45	7021758	1	SPACER, .500 x .65 x 1.75	
46	7033774	1	BRACKET, Deck, P21S	
47	7029025	1	SPRING, Wheel Drive	
48	7090731	1	BOLT, 5/16-18 x 1/2", Short Neck Carriage, GR 5	was 7090261
49	7090799	2	BOLT, 5/16-18 x 5/8" Short Neck Carriage, GR 5	was 7091026
50	7091070	2	NUT, 5/16-18 Hex Flange Lock GR 5	

Footnotes:

* NOTE: Driven Disc Ass'y (7501000) is composed of items 18, 19, 26-30, 32 & 34-38. Was 7073390



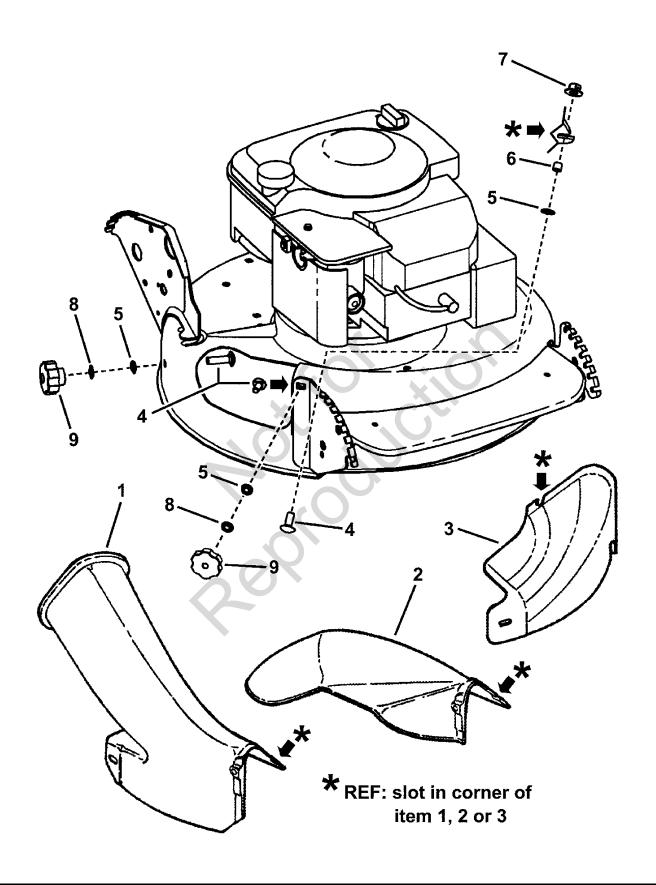
TRANSMISSION - DIFFERENTIAL

Item	Part No	Qty	Description	Note
	7053943	1	ASSEMBLY, Transmission (Incl. items 1 thru 30)	was 7059070
1	7092062	4	NUT, 5/16-18 Hex Lock	
2	7092063	1	WASHER, Cone	
3	7019213	1	PULLEY, Poly-V Belt (3.5 O.D.)	
4	7091720	1	WASHER, Spring	
5	7053942	1	ASSEMBLY, Right Housing (Incl. items 6, 7, 8, 9, 10 & 30)	
6	7029034	1	HOUSING, Right Side	
7	7014155	3	SCREW, 5/16-24 x 1-1/8" Rib Neck, GR 5	
8	7012314	1	SEAL, 5/8" Internal Diameter	
9	7029035	1	BEARING, Tapered- (Differential Housing)	
10	7073963	1	BALL BEARING, 7/16 I.D., 1/1/8" O.D.	
11	7016544	1	PLUG, Transmission Housing	
12	7050767	1	GEAR, Input	
13	7050830	1	ASSEMBLY, Short Axle	was 7051932 & includes items 13, 22 & 23.
14	7012495	1	** GEAR, Differential (46 Tooth)	
15	7031970	2	PLATE, 46T Gear	
16	7031965	2	WASHER, Thrust, 3/4" I.D.	
17	7090557	4	SCREW, #10-32 x 1-1/2" Hex Head Cap GR5	
18	7011774	1	GASKET, Housing	
19	7090189	3	WASHER, 5/16" Internal/External Tooth Lock	V
20	7051903	1	WELDMENT, Differential Bracket	
21	7091825	4	SCREW, 1/4-20 x 1" Hex Washer Self-Tap	was 7092064
22	7012543	1	SPACER, Axle Gear	
23	7050831	1	ASSEMBLY, Long Axle	was 7051933
24	7021115	4	GEAR, Pinion (12 tooth)	
25	7012500	4	SPACER, Pinion Gear	
26	7011110	4	SHAFT, Pinion	
27	7090376	4	NUT, #10-32 Hex Nyloc	
28	7053939	1	ASSY, Left Housing	
29	7029033	1	HOUSING, Left	
30	7024442	3	GASKET, 5/8" O. D.	
	7061017	32oz.	* "00" Grease	not shown

Footnotes:

NOTE: * Use 4 oz maximum.

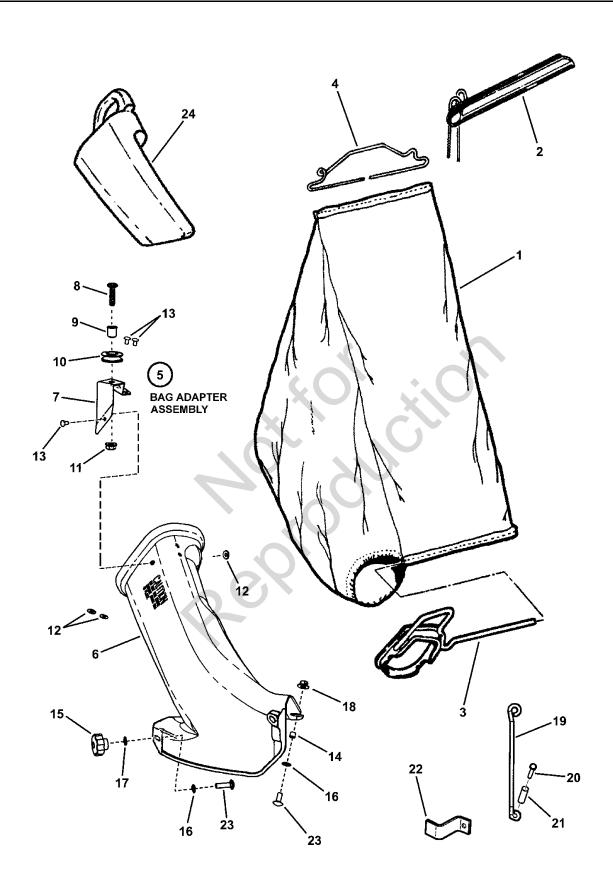
NOTE: ** 7060337 KIT, Transmission Gear (Incl. items 14-17, 22 & 24-27).



SIDE CHUTE ADAPTER

Item	Part No	Qty	Description	Note
1	7047081	1	ADAPTER, Grass Bag	
2	7042965	1	CHUTE, 21" Side	
3	7029149	1	COVER, 21" Deck	
4	7091508	1	BOLT, 5/16-18 x 3/4" Short Neck Carriage GR 5	was 7090001
5	7011791	1	RETAINER, 5/16" Bolt	
6	7024340	1	SPACER, .316 I.D. x .375 O.D. x .310 thick	
7	7090951	2	NUT, 5/16-18 Hex Large Flange Center Lock	
8	7090189	2	WASHER, 5/16" Internal/External Tooth Lock	
9	7100516	2	KNOB, Fluted, 5/16-18 x .633	





GRASS BAG & ACCESSORIES

Item	Part No	Qty	Description	Note
	7058572	1	ASSEMBLY, Grass Bag (Slider type)	Includes items 1 through 4
1	7075766	1	GRASS BAG, Slider Type (Black w/Gray Letters)	-
2	7050711	1	ASSEMBLY, Slider	
3	7042489	1	CONNECTOR, Grass Bag	
4	7019247	1	WIRE, Bag Connector (12" Wide)	
5	7058037	1	ASSY, Grass Bag Adapter (Incl. items 6 thru 13)	CP215519HV, CP215520HV & CP216019KWV
6	7047081	1	ADAPTER, Grass Bag	
7	7047082	1	BRACKET, Rope Pulley	
8	7091984	1	SCREW, 5/16-18 x 1-1/4" Pan Head Machine	
9	7012306	1	BUSHING, Flange (Powdered Metal)	
10	7024228	1	PULLEY, Plastic	
11	7091070	1	NUT, 5/16-18 Hex Flange Lock GR 5	
12	7072107	3	WASHER, 15/32" Flat	
13	7013860	3	RIVET, 3/16 x .344	
14	7024340	1	SPACER, .316 I.D. x .375 O.D. x .310 thick	
15	7100516	2	KNOB, Fluted, 5/16-18 x .633	
16	7011791	4	RETAINER, 5/16" Bolt	
17	7091076	1	WASHER, 5/16" Flat	
18	7090951	1	NUT, 5/16-18 Hex Large Flange Center Lock	
19	7043327	1	BRACE, Bag Adapter, KWV	
20	7078102	1	SCREW, M6 x 1.0 x 30MM Hex Head Cap	
21	7078101	1	SLEEVE, .237/.242 I.D. x .3135/.3185 O.D. x .748	
22	7075306	1	STANDOFF	used on CP215519HV & CP215520HV
23	7090001	2	BOLT, 5/16-18 x 3/4" Short Neck Carriage GR 5	or 7091508
24	7016814	1	PLUG, Chute Adapter	
	7060440		KIT, Snapperizer (21" Hi-Vac Steel Deck Models) (other accesseries not shown)	
	7063041		KIT, Snapperizer (21" F & M Outlip Steel Deck Models) (other accesseries not shown)	
	7061200		KIT, Recycling Cover (other accesseries not shown)	for 4HP & above engines
	7061201		KIT, Recycling Plug (Quad Blade) (other accesseries not shown)	for 4HP & above engines
	7061256		KIT, Thatcherizer (other accesseries not shown)	



DECALS

Item	n Part No	Qty	Description	Note
1	7100181	1	DECAL, Commercial, Control Panel	
2	7100185	1	DECAL, SNAPPER, Steel Decks	
3	7100398	1	DECAL, Hi Vac, Cutting Deck	
4	7100410	1	DECAL, Ninja, Mulching System	
5	7072921	1	DECAL, Warning (Deck)	
6	7029782	1	DECAL, OPC Bail (International Symbol)	
7	7046720	1	DECAL, Chute/Deflector	
8	7013010	1	DECAL, Danger, Cut Finger	
9	7075471	1	DECAL, Speed Shift	
10	7075524	1	DECAL, Throttle Control, KWV	
11	7100984	1	DECAL, Warning/Danger WBM	
12	7046357	1	DECAL, Warning	
13	7102286	1	DECAL, CPSC Blade	



Parts Manual for



21" STEEL DECK WALK BEHIND COMMERCIAL MOWERS SERIES 19 & 20



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