



WALKER

Illustrated Parts Manual

H27i



Beginning S/N: 193250
P/N 2000-56

KEY TO ABBREVIATIONS USED IN THIS MANUAL

<i>Abbreviation</i>	<i>What it Represents</i>
° (Dimension)	Degrees (Angle)
" (Dimension)	inches
(-)	Negative (Polarity)
(+)	Positive (Polarity)
-1 (as deck style designation)	Standard (Aluminum) Gear Drive Deck
-2 (as deck style designation)	Heavy Duty (Cast Iron) Gear Drive Deck
-3 (as deck style designation)	Belt Drive Deck
AT	All-Terrain
CCW	Counter-clockwise
CW	Clockwise
D	Diameter
DC	Deck, Collection (number refers to size in inches)
DM	Deck, Mulching (number refers to size in inches)
DR	Deck, Rear Discharge (number refers to size in inches)
DS	Deck, Side Discharge (number refers to size in inches)
DU	Garlock (Bearing)
ESNA (Fastener)	Nylon Insert Locknut
FSC	Forward Speed Control
GA	Gauge
gal.	gallon
GHS	Grass Handling System
GR (Fastener)	Grade
HD	Heavy Duty
HP	Horse Power
ID	Identification or Inside Diameter
L	Length
LH	Left Hand (orientated with operator on seat)
LP	Low Profile
mm (Dimension)	millimeters
MS (Fastener)	Machine Screw
NS (as part number)	Item is not sold by Walker Manufacturing
OD	Outside Diameter
oz.	ounce
PFH (Fastener)	Phillips Flat Head
P/N	Part Number
PPH (Fastener)	Phillips Pan Head
PTH (Fastener)	Phillips Truss Head
PTO	Power Take-Off
QKS	Quick Slide
qt.	quart
RH	Right Hand (orientated with operator on seat)
SAE (Fastener)	Society of Automotive Engineers
SBH (Fastener)	Socket Button Head (Bolt)
SFH (Fastener)	Slotted Flat Head
SHC (Fastener)	Socket Head Cap
SHL (Fastener)	Shoulder (Bolt)
SM (Fastener)	Sheet Metal (Screw)
S/N	Serial Number
SQH (Fastener)	Square Head
SS (Fastener)	Stainless Steel
ST (Fastener)	Self-Tapping (Screw)
V	Volts
VLR	Very Low Restriction

NOTE: In some instances, combinations of abbreviations may be used (e.g. PPHMS - Phillips Pan Head Machine Screw).

ILLUSTRATED PARTS LIST

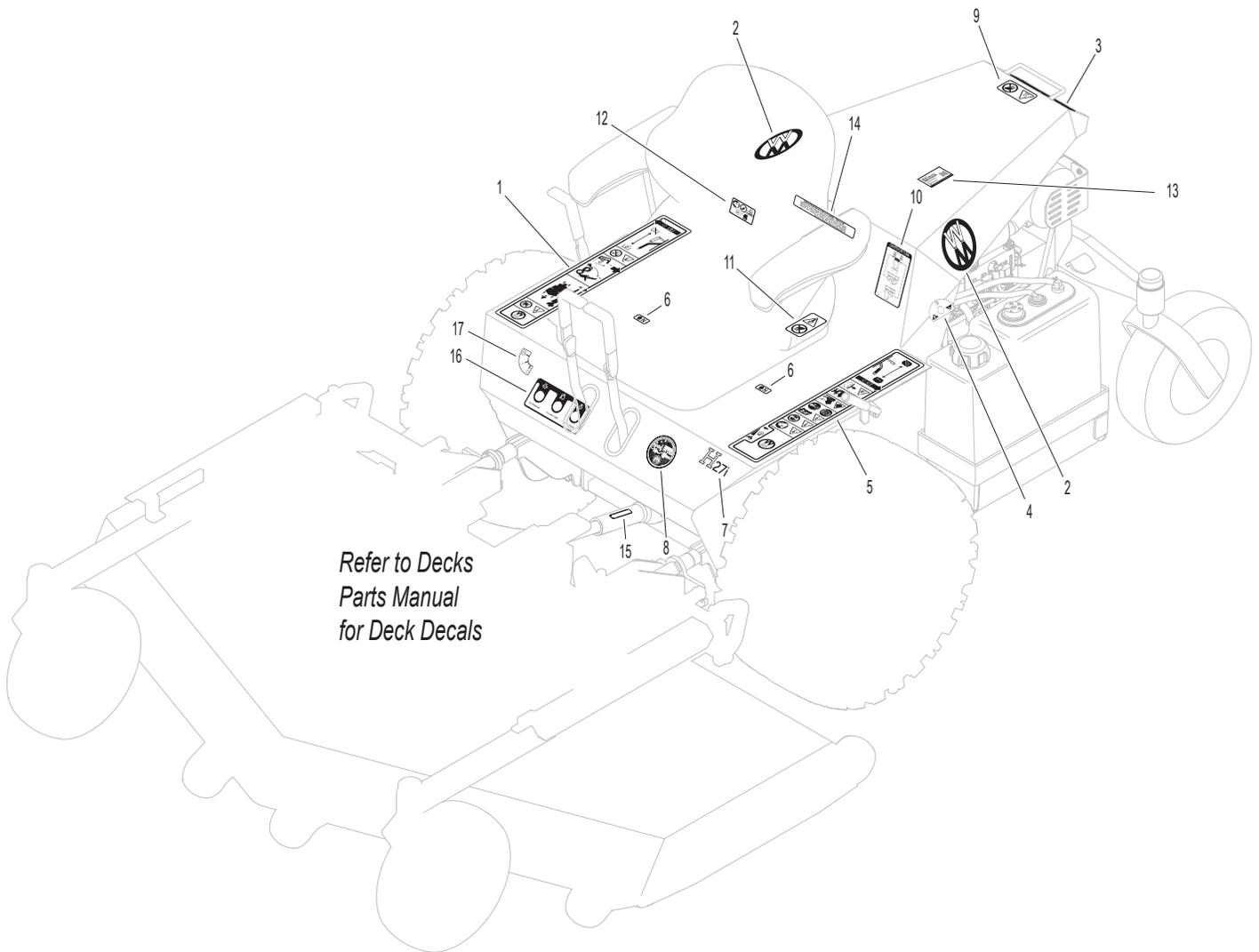
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TRACTOR DECALS

ITEM NO.	PART NO.	DESCRIPTION	LOCATION	NO. REQ'D SD
Walker Product and Operation Decals				
1	2802-4	RH Fender	Body, RH near Seat	1
2	5800	Decal, Walker Round (4")	Rear Body (one on each side)	2
3	5800-7	Decal, Walker (8")	Rear Body	1
4	2010-16	Fuel Transfer	Transfer Mount, LH	1
5	2802-5	LH Fender	Body, LH near Seat	1
6	9804-1	Axle Lockout	Hydro Mount Plate	2
7	8821-5	Decal, H27i	Body	1
8	5856-1	Made in USA	Body	1
Danger Decals Warning Decals Caution Decals				
9	8600-5	Caution, Engine Exhaust	Rear Body	1
10	2107-5	Decal, Belt Routing	Rear Body, Underside	1
11	8600-2	Danger, Rotating Components	Coupling Guard	1
12	8600-12	Danger, Engine Exhaust	Rear Body, Underside	1
Maintenance Decals				
13	6895-103	Rehiko/Kohler 300 Hour Oil	Oil Cooler / Regulator Mount	1
14	5855	Important, Engine Cooling	Rear Body, Underside	1
15	6875	PTO Alignment Arrow	Universal Joint Tube Assembly	1
16	2807-7	Decal, System Warning	Body	1
17	8600-54	Decal, Ignition Switch	Body	1

NOTE: All parts requiring decals are shipped with decals applied.

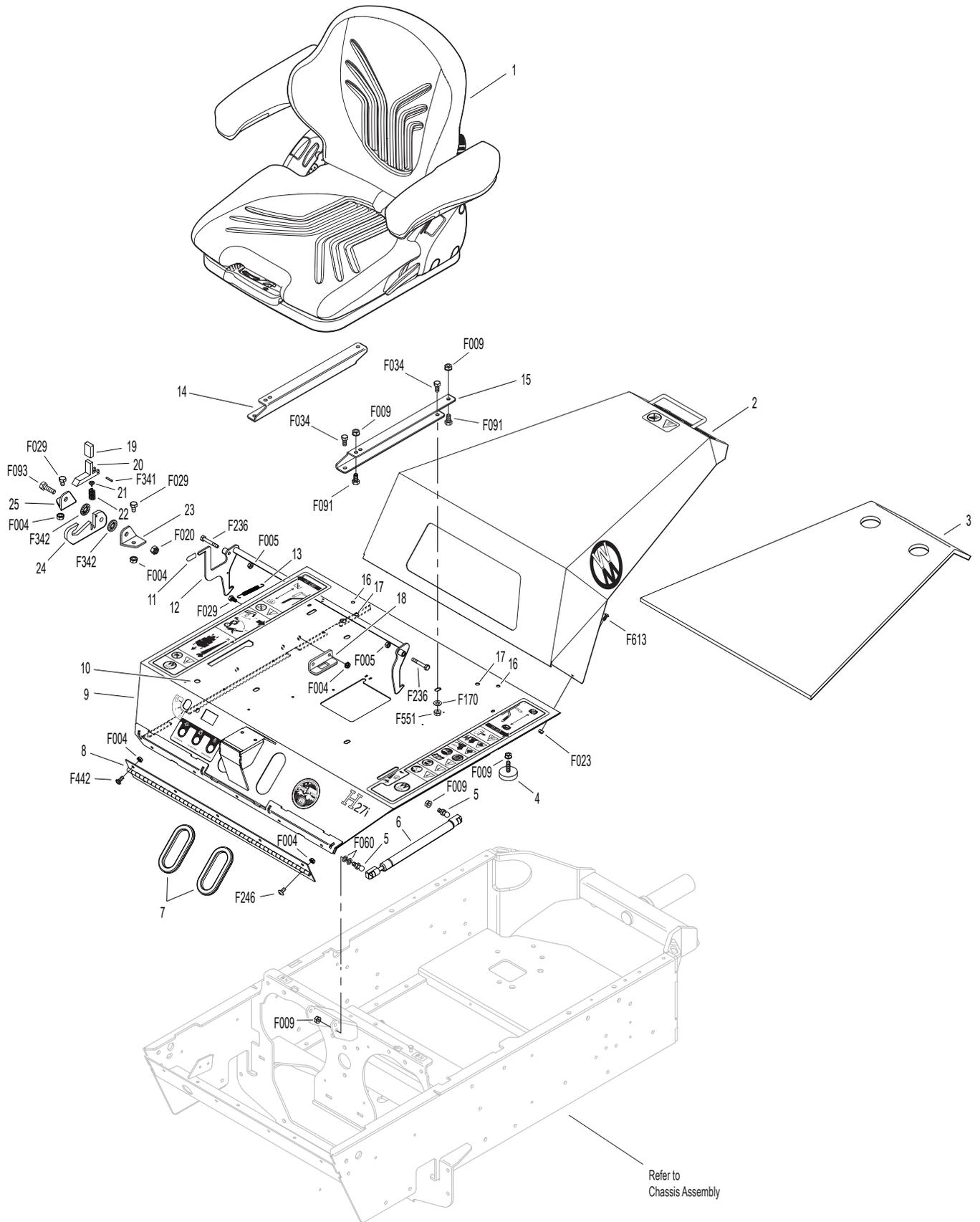
TRACTOR DECALS



FRONT & REAR BODY ASSEMBLIES

ITEM NO.	PART NO.	DESCRIPTION	NO. REQ'D	ITEM NO.	PART NO.	DESCRIPTION	NO. REQ'D
Body & Seat Assembly				Fasteners			
1	6103-14	Suspension Seat	1	F004		1/4-20 Keps Nut	13
2	2105-12	Rear Body (Includes Item # 3)	1	F005		1/4-20 ESNA Nut	2
3	2190-1	Insulation Foam Pad	1	F009		5/16-18 Whiz Locknut	8
4	7844	Rubber Bumper (1.25 x .250)	2	F020		5/16-18 ESNA Nut	1
5	5146	10mm Ball Stud	2	F023		10-24 ESNA Nut	5
6	2145	Gas Spring	1	F029		1/4-20 x 1/2 Hex Bolt	4
7	5180	Edge Molding, Lever Opening	2	F034		5/16-18 x 3/4 Hex Bolt	4
8	2504-4	Hinge (22.5)	1	F060		AN960516 Washer	2
9	2100-8	Front Body	1*	F091		5/16-18 x 5/8 Hex Bolt	4
10	5989-55	Dome Plug (1/2)	1	F093		5/16-18 x 1 Hex Bolt	1
11	7854	Plastic Tip, Red	1	F170		5/16 x 1 x 7/64 Flat Washer (Zinc Plate)	4
12	2383	Body Latch Hook	1	F236		1/4-20 x 1-3/4 Hex Bolt	2
13	7222	Extension Spring (1/4 x 3)	1	F246		1/4-20 x 1/2 PTHMS	4
14	6103-44	Suspension Seat Mount Channel, RH	1	F341		Coil Roll Pin (7/64 x 9/16)	1
15	6103-45	Suspension Seat Mount Channel, LH	1	F342		5/16 Conical Washer	2
16	5989-4	Dome Plug (3/8)	2	F442		1/4-20 x 5/8 PTHMS	5
17	5989-3	Dome Plug (5/16)	2	F551		5/16-18 Flange Top Lock Nut	4
18	4102-1	Body Guide, Upper	1	F613		10-24 x 1/2 Truss Head Torx	5
Tilt-Up Latch Assembly**				* Decal H27i is available by ordering P/N 8821-5.			
19	5847	Plastic Tip	1	** Complete Tilt-Up Latch Assembly Kit available by ordering kit # 5744-5.			
20	5744-20	Spring Arm, Tilt-Up Latch	1				
21	5744-10	Spring Pivot Bushing	1				
22	5744-15	Compression Spring (3/8 x 5/8)	1				
23	5744-13	Mount Angle, LH	1				
24	5744-12	Hook, Tilt-Up Latch	1				
25	5744-14	Mount Angle, RH	1				

FRONT & REAR BODY ASSEMBLIES



Model H27i Beginning S/N 193250
 Use only genuine **Walker**® replacement parts.

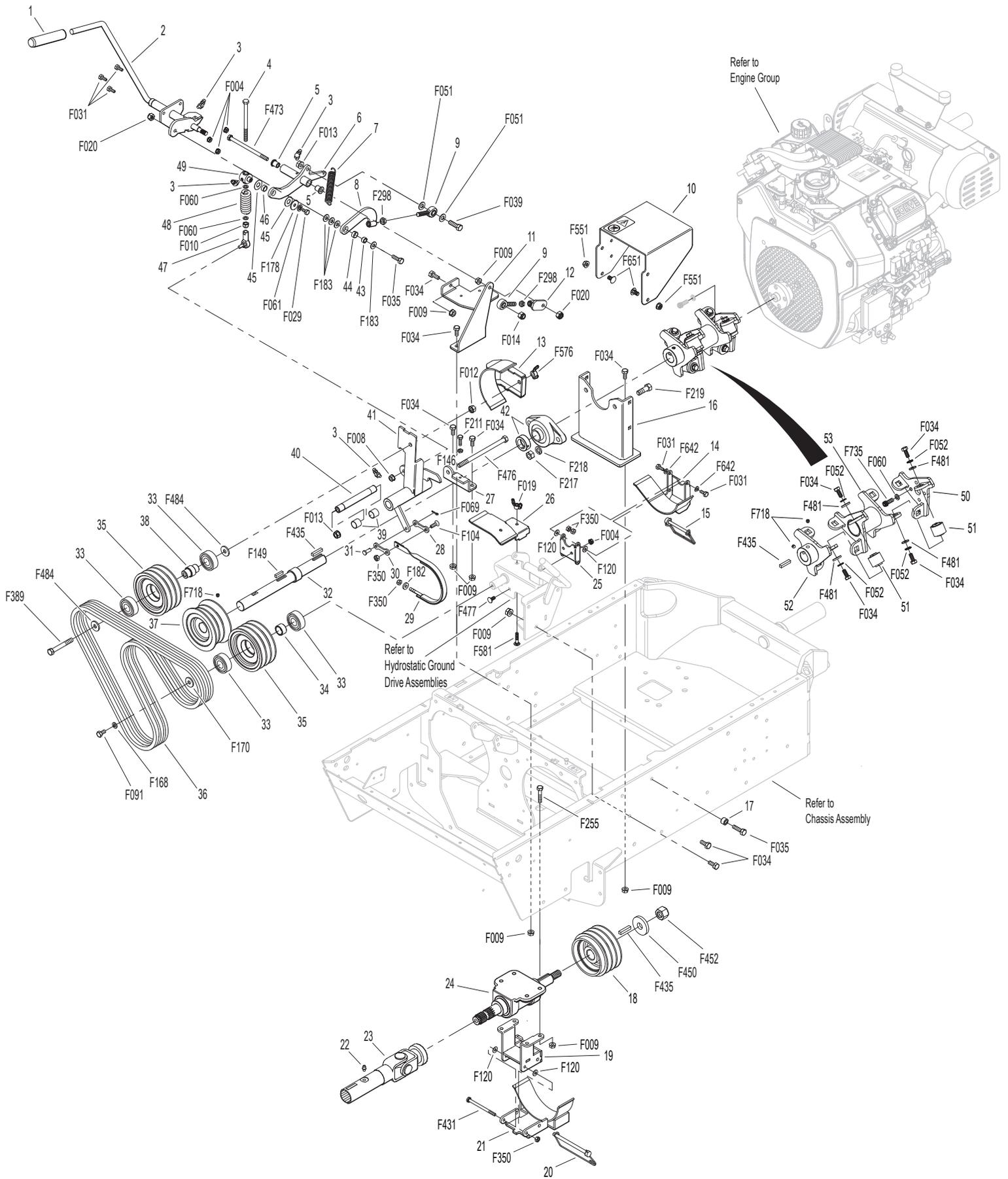
CHASSIS ASSEMBLY

ITEM NO.	PART NO.	DESCRIPTION	NO. REQ'D	ITEM NO.	PART NO.	DESCRIPTION	NO. REQ'D
Chassis Assembly				Deck Support Arm & Hitch Assemblies			
1	2325-8	Belt Guide	1	26	2300-9	Deck Arm Support Mount	1
2	2046-1	Gas Tank Mount, LH	1	27	6840-1	Support Arm Bushing (2-1/16)	2
3	2301	Debris Shield (Includes Items # F004 & F029)	1	28	5830-1	5/16-24 4" Grease Fitting	2
4	2301-15	Debris Guard	1	29	2775	Lynch Pin (5/16 x 1-1/4)	2
5	2301-16	Back Up Plate	1	30	2431-2	Deck Support Arm, LH (Includes Item # 28)	1
6	2300-13	Chassis Frame	1	31	2430-2	Deck Support Arm, RH (Includes Item # 28)	1
7	2046	Gas Tank Mount	1	Fasteners			
8	4102-2	Body Guide, Lower	1		F004	1/4-20 Keps Nut	6
Tail Wheel Assembly					F005	1/4-20 ESNA Nut	4
9	5830	Grease Fitting	2		F009	5/16-18 Whiz Locknut	8
10	2201-2	Fiberglide Thrust Washer	2		F029	1/4-20 x 1/2 Hex Bolt	4
11	2201-3	Fiberglide Bearing (1-5/8)	2		F031	1/4-20 x 5/8 Hex Bolt	2
12	5830-4	Grease Fitting (90 Deg.)	1		F034	5/16-18 x 3/4 Hex Bolt	8
13	2201-4	Washer (2-1/4 x 7/16 x 1/4 Thk)	1		F211	1/4-20 x 7/8 Hex Bolt	4
14	8769-8	Dust Cap, Deck Caster	2		F218	7/16 Split Lock Washer	5
15	8769-6	Bearing Cone (1" ID)	4		F219	7/16-14 x 1-1/4 Hex Bolt	5
16	8769-5	Bearing Cup (2 x 1-5/8)	4		F256	7/16 SAE Washer	1
17	2300-10	Tail Wheel Pivot (Includes Items # 9, 11, 12 & 16)	1		F344	3/4-16 Slotted Hex Nut	2
18	8769-7	Seal	2		F348	1/8 x 1-1/2 Cotter Pin	2
19	2770	Caster Wheel Fork	2		F430	7/16-20 ESNA Nut	2
20	8039	Nut, Tail Wheel Axle	2		F446	7/16-20 x 3-1/2 Grd 8 Bolt	2
21	8038-1	Spacer, Wheel Axle (.750 ID x 1.125 OD)	2		F477	1/4-20 x 5/8 Carriage Bolt	2
22	8768-2	Seal, Reverse Lip	4		F639	Belleville Washer (1.5 x .755 x .072)	2
23	8037	Bearing Cone (3/4 ID)	4		F718	5/16-18 x 5/16 Set Screw (Knurl Point)	2
24	8035-1	Wheel & Tire (13 x 4.50-6) (W/Bearing Race)	2	* Service Part Only			
	8035-3	Tail Wheel Tire (13 x 4.5-6 Ply)	*				
25	7038	Wheel Axle (3/4 x 5-9/16)	2				

MAIN COMPONENT POWER TRANSMISSION

ITEM NO.	PART NO.	DESCRIPTION	NO. REQ'D	ITEM NO.	PART NO.	DESCRIPTION	NO. REQ'D
PTO Drive Assembly				Fasteners			
1	4850	Handle Grip, Black	1	F004	1/4-20 Keps Nut		4
2	2358-1	Clutch Lever, MBS (Includes Items # 1 & 3)	1	F008	5/16-24 Keps Nut		1
3	5830-3	Grease Fitting (45 Deg.)	4	F009	5/16-18 Whiz Locknut		13
4	4303-7	Clutch Actuator Bolt (5/16)	1	F010	5/16-24 ESNA Nut		1
5	2306-2	Oilite Flanged Bushing	2	F012	3/8-16 Keps Nut		1
6	2325-7	Clutch Arm (Includes Items # 3 & 5)	1	F013	3/8-16 Whiz Locknut		2
7	5221-1	Extension Spring (3/4 x 5)	1	F014	3/8-16 ESNA Nut		1
8	2358-11	Clutch Actuator	1	F019	1/4-20 ESNA Wing Nut		1
9	5214-13	Ball Joint (3/8)	2	F020	5/16-18 ESNA Nut		2
10	2011-12	Flex Coupling Guard	1	F029	1/4-20 x 1/2 Hex Bolt		1
11	2358-9	Clutch Pivot Base	1	F031	1/4-20 x 5/8 Hex Bolt		5
12	2358-8	Adjustor Brace	1	F034	5/16-18 x 3/4 Hex Bolt		21
13	2302-16	Right Hand Shoe	1	F035	5/16-18 x 1-1/4 Hex Bolt		2
14	2302-3	Left Hand Shoe	1	F039	3/8-16 x 1-1/4 Hex Bolt		1
15	7775-6	Wire Lock Pin (2-1/2")	1	F051	3/8 SAE Washer		2
16	2349-17	Bearing Mount	1	F052	5/16 Ext. Star Lock Washer		12
17	2406-5	Spacer	1	F060	AN960516 Washer		6
18	2236-5	PTO Pulley (4.5/AAA)	1	F061	1/4 Star Lock Washer		1
19	2359-1	Brake Band / Guard Mount	1	F069	3/32 x 1/2 Cotter Pin		1
20	7775-8	Wire Lock Pin (4")	1	F091	5/16-18 x 5/8 Hex Bolt		1
21	2302-5	PTO Shoe	1	F104	1/4-20 x 3/4 PFH Bolt		1
22	5830	Grease Fitting	1	F120	AN960416 Washer		4
23	7275-16	Universal Joint Tube Assembly / Spline	1	F146	1/4-20 Jam Nut		1
24	2274-10	PTO Drive Shaft Assembly	*	F149	1/4 x 1/4 x 1-1/2 Key		1
25	2302-6	Shoe Mount, LH	1	F168	5/16 Split Lock Washer		1
26	2302-17	Upper Shoe, LH	1	F170	5/16 x 1 x 7/64 Flat Washer (Zinc Plate)		1
27	2358-7	Clutch / Pivot Stop	1	F178	1/4 x 1 Fender Washer		1
28	4359-2	Brake Band Link, Rear	1	F182	1/4 x 5/8 x 1/8 Washer		1
29	8304	Brake Band (14-1/2)	1	F183	.312 x .700 x .074 Washer		4
30	4359-1	Brake Band Link, Front	1	F211	1/4-20 x 7/8 Hex Bolt		1
31	7523-2	Clevis Pin W/Hole (1/4 x 5/8)	1	F217	7/16-14 Hex Nut		2
32	2410-2	Drive Shaft	1	F218	7/16 Split Lock Washer		2
33	2265	Bearing (20mm)	4	F219	7/16-14 x 1-1/4 Hex Bolt		2
34	2406-7	Pivot Shaft Spacer	1	F255	5/16-18 x 1-1/2 Hex Bolt		4
35	2236-1	Idler Pulley (4.5/AAA)	2	F298	3/8-24 Jam Nut		2
36	2230	Engine PTO Belt / Set (3)	1	F350	1/4-20 LP Nylock		5
37	2236-6	Pulley (Includes Items # F149 & F718)	1	F389	3/8-16 x 2-3/4 Hex Bolt		1
38	2236-4	Idler Pulley Shaft	1	F431	1/4-20 x 3-1/2 Hex Bolt		1
39	7201-3	Fiberglide Bearing	2	F435	1/4 x 1/4 x 1-1/4 Key		2
40	7201-9	Inner Race (5.324)	1	F450	Washer 5/8 x 1-3/4 x 1/4		1
41	2359-3	Clutch Idler Arm (Includes Items # 3 & 39)	1	F452	5/8-18 Nylon Locknut		1
42	2349-6	Flanged Bearing	1	F473	5/16-18 x 5 Hex Bolt		1
43	2358-12	Fiberglide Bushing	1	F476	3/8-16 x 6-1/2 Hex Bolt		1
44	7201-2	Fiberglide Bearing 1/2"	1	F477	1/4-20 x 5/8 Carriage Bolt		1
45	7377	Plastic Washer (1 x .438 x .025)	2	F481	Washer 5/16 x 1 x .125		12
46	7378	Pivot Bearing (7/16 x 9/16)	1	F484	Washer .380 ID x 1.0 OD x .120		2
47	5214-2	Ball Joint (5/16-24) (Nylon Lined)	1	F551	5/16-18 Flange Top Lock Nut		4
48	7226	Compression Spring (3/4 x 2-1/2)	1	F576	3/8-16 ESNA Wing Nut		1
49	7380	Knuckle Joint	1	F581	1/4-20 x 1-1/4" Carriage Bolt		1
Flex Coupler				F642	1/4 x .042 Belleville Washer		2
50	2352-2	Coupler (4 Bolt)	1	F651	5/16-18 x 5/8 Carriage Bolt Grd 2		4
51	2351-1	Rubber Iso Coupler	6	F718	5/16-18 x 5/16 Set Screw (Knurl Point)		3
52	2351-50	Flex Coupler Half (1" Bore) (Includes Items # F435 & F718)	1	F735	5/16-18 x 7/8 SHC Screw		4
53	2351-65	Inner Flex Coupler	1	* Service Part Only			

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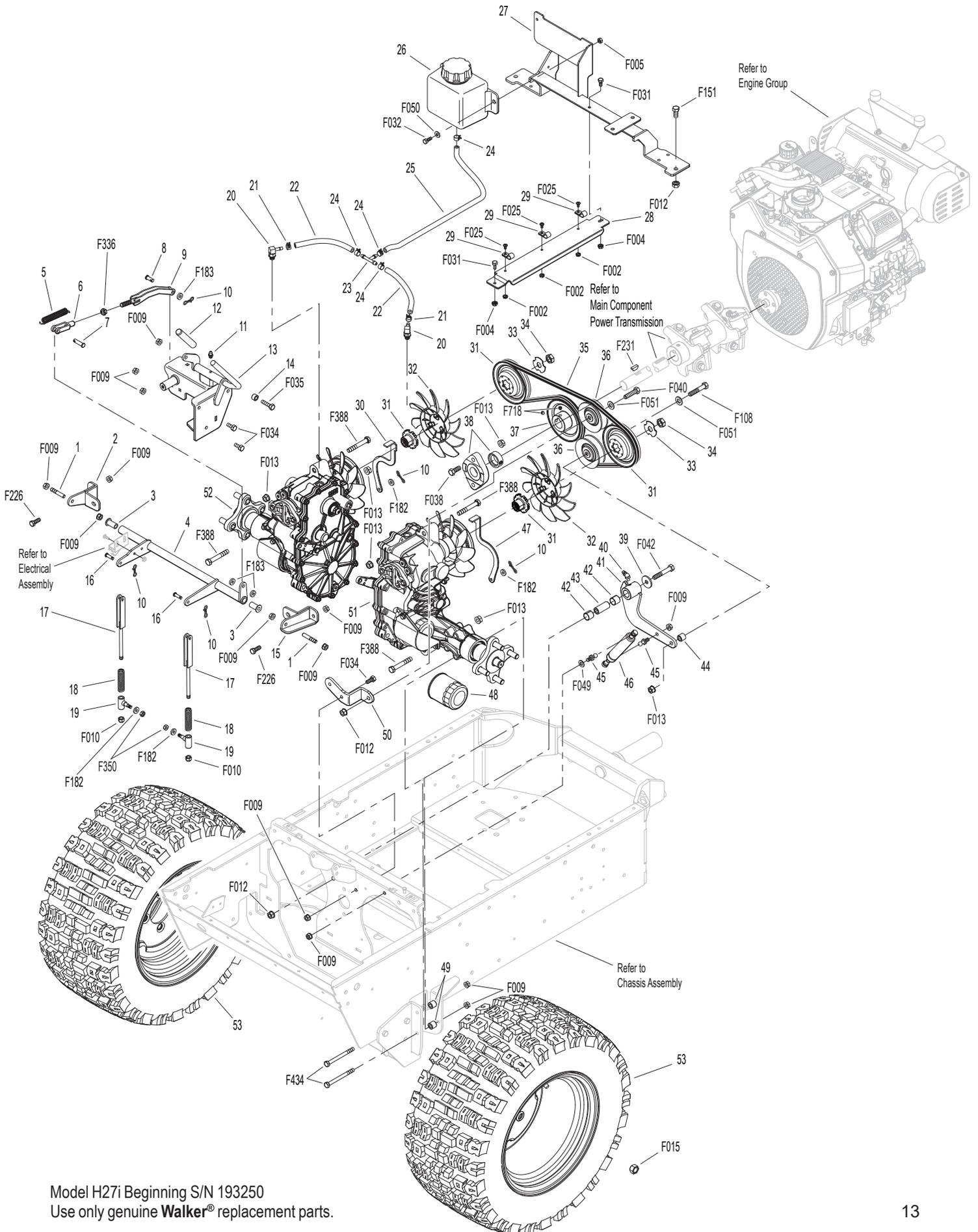
ENGINE GROUP

ITEM NO.	PART NO.	DESCRIPTION	NO. REQ'D	ITEM NO.	PART NO.	DESCRIPTION	NO. REQ'D
Fuel Tank Assembly				49	2088-10	Air Cleaner Assembly (Includes Items # 50-56)	*
1	5082-4	2-1/4 Ratchet Fuel Cap (EPA)	2	50	5091-19	Air Flow Indicator W/Bracket	1
2	8055-2	Fuel Tank Gauge	2	51	M258	Vacuum Hose (9.5")	1**
3	8043-8	Roll Over Valve	2	52	5091-5	1/8 Pipe Thread Female W/Barb	1
4	5977-7	Roll Over Grommet (.900 x 1-1/2)	2	53	5088-3	Air Cleaner Band	1
5	5083-1	Bushing, Rubber	2	54	2090-3	Safety Filter Insert	1
6	5083-8	Tank Tube (13")	2	55	2090-1	Air Cleaner Cartridge	1
7	5879-3	Hose Clamp (1/2)	7	56	2088-2	Air Cleaner Cap	1
8	M246	Fuel Line (1/4 x 35")	1**	57	2090-2	Vacuator Valve	1
9	8018-2	Fuel Bracket Spacer	3	Throttle Assembly			
10	5879-2	Hose Clamp (7/16 Silver)	1	58	2108-4	Control Cable (68")	1
11	8046-17	Quick Coupler Straight (5/16 x 5/16)	1	59	8123-3	Insultherm (3/8 x 10)	1
12	M113	Fuel Line (3/16 x 3-1/2")	1**	60	5108-1	Control Lever, Throttle / Choke	1
13	M113	Fuel Line (3/16 x 6-1/2")	1**	61	5108-5	Throttle Control Knob, Red	1
14	8046-18	Quick Connector, 90 Deg. (5/16)	1	62	5108-11	Friction Washer (.062)	1
15	5879-9	Stepless Ear Clamp, Black (15.7)	1	63	7108	Control Assembly (Includes Items # 60, 62, 64-66 F005 & F642)	1
16	M246	Fuel Line (1/4 x 11-1/2")	1**		2108-5	Throttle Control and Cable Assembly (Includes Items # 58, 60-62, 64-67, F002, F005, F050, F164 & F642)	*
17	5879-4	Hose Clamp (7/16)	1	64	5108-8	Control Bracket	1
18	7014-9	Fuel Filter	1	65	5108-10	Friction Washer (.125)	1
19	5879-5	Stepless Ear Clamp (5/8)	1	66	5108-7	Control Lock Tab	1
20	M247	Fuel Line (5/16 x 6-1/2")	1**	67	5172	Bearing, Delrin (.250 ID x .375 OD x .250)	1
21	M113	Fuel Line (3/16 x 8")	1**	Fasteners			
22	8043-6	Connector "Y"	1	F002	10-24 Keps Nut		7
23	M246	Fuel Line (1/4 x 25-1/2")	1**	F004	1/4-20 Keps Nut		4
24	4010-1	Drain Valve 3/8-18 NPTF	1	F005	1/4-20 ESNA Nut		1
25	2010-3	Fuel Valve	1	F009	5/16-18 Whiz Locknut		4
26	2010-43	Fuel Selector Valve Mount	1	F025	10-24 x 3/8 PPHMS		6
27	M246	Fuel Line (1/4 x 11")	1**	F029	1/4-20 x 1/2 Hex Bolt		2
28	8055-1	Fuel Tank, 4.7 Gallon, Gas (Black) (Includes Items # 2-6, 29 & 30)	2	F031	1/4-20 x 5/8 Hex Bolt		2
29	5086-7	Hose (1/4 x 6)	2	F034	5/16-18 x 3/4 Hex Bolt		2
30	5020-2	Fuel Filter, In Tank	2	F050	1/4 SAE Washer		4
31	M113	Fuel Line (3/16 x 35")	1**	F094	8-32 x 1/2 PTHMS		2
32	5975-3	Cable Tie (50# x 7")	4	F164	10-24 x 1/4 x 3/8 SHL Bolt		1
Remote Oil Cooler Assembly				F175	1/2 Split Lock Washer		4
33	NS	Oil Cooler Hose	2***	F184	1/4-20 x 1/2 Hex Bolt, SS		4
34	NS	Clamp	4***	F185	1/4 Internal Star Lock Washer, SS		4
35	NS	Oil Cooler	1***	F398	1/4-20 x 2 Hex Bolt		3
36	8016-15	Oil Cooler Mount	1	F439	1/2-13 x 1-3/4 Hex Bolt		4
Engine Assembly				F482	8-32 Nylock Nut		2
37	2104-1	Body Support	1	F569	1/4-20 Flange Top Lock Nut		3
38	4845	Rubber Bumper (1.0 x .625)	2	F642	1/4 x .042 Belleville Washer		1
39	NS	Rehiko/Kohler Nut	*	* Service Part Only			
40	2013-4	Shield Side	2	** Required hose specifications:			
41	2013-3	Muffler Heat Shield	1	M113 - 3/16" ID fuel/oil/vapor hose (Gates 4219-0093 or equivalent)			
42	NS	Oxygen Sensor (Rehiko/Kohler 25 418 07-S)	1	M246 - 1/4" ID low permeation (<15g/m ² /day) fuel hose (Parker 38904 or equivalent)			
43	NS	Muffler (Rehiko/Kohler 24 786 33-S)	*	M247 - 5/16" ID low permeation (<15g/m ² /day) fuel hose (Parker 38905 or equivalent)			
44	M265	Insultherm (3/8 x 9") (Pulse Pump Vacuum Line)	1	M258 - 7/64" ID automotive vacuum hose			
45	NS	27 HP Engine, EFI (Rehiko/Kohler)	*	*** Use the engine model and spec number from Rehiko/Kohler to order this item.			
Precleaner Assembly							
46	6029	Hose Clamp (1-13/16 to 2-3/4)	3				
47	2012-2	Air Intake Hose	1				
48	7026-4	Remote Precleaner	1				

HYDROSTATIC GROUND DRIVE ASSEMBLIES

ITEM NO.	PART NO.	DESCRIPTION	NO. REQ'D	ITEM NO.	PART NO.	DESCRIPTION	NO. REQ'D
Parking Brake Assembly				43	7201-4	Inner Race (1-1/2)	1
1	2358-6	5/16-18 x 1-3/4 Stud	2	44	6325-3	Spacer Bushing (9/16)	1
2	2300-20	Parking Brake Hydro Mount, RH	1	45	5146	10mm Ball Stud	2
3	5103-2	Pivot Bushing (5/16 ID)	2	46	2215-6	Pressure Dampener	1
4	2406-3	Parking Brake Actuator Tube	1	47	2028-7	Lockout Arm, LH	1
5	5222	Extension Spring (1/2 x 3-1/4)	1	48	2026-17	Hydro-Gear® Oil Filter	2
6	2280	Clevis (3/8)	1	49	9430-1	Spacer Tube	4
7	2406-4	Clevis Pin (5/16 x 1-1/8)	1	50	2349-15	Idler Mount	1
8	8655-4	Clevis Pin (5/16 x 3/4)	1	51	2025-41	Hydro-Gear ZT-3400, LH	1
9	2406-14	Brake Actuator Pull	1	52	2026-41	Hydro-Gear ZT-3400, RH	1
10	4407-4	Bow Tie Cotter Pin	5	Wheel Assembly			
11	5830	Grease Fitting	1	53	2071-4	AT Wheel & Tire (23 x 10.50-12)	2
12	7406-1	Handle Grip, Red	1	Fasteners			
13	2406-15	Parking Brake Lever / Idler Mount (Includes Items # 11 & 12)	1	F002	10-24 Keps Nut		3
14	2406-5	Spacer	1	F004	1/4-20 Keps Nut		2
15	2300-1	Parking Brake Hydro Mount, LH	1	F005	1/4-20 ESNA Nut		2
16	5281-5	Clevis Pin (1/4 x 0.80)	2	F009	5/16-18 Whiz Locknut		17
17	2406-10	Parking Brake Rod	2	F010	5/16-24 ESNA Nut		2
18	5665-1	Compression Spring (2-1/2)	2	F012	3/8-16 Keps Nut		4
19	5463	Steering Lever Actuator	2	F013	3/8-16 Whiz Locknut		7
Transaxle Reservoir Assemblies				F015	1/2-20 Wheel Lug Nut		8
20	2025-17	Straight Thread Hose Fitting	2	F025	10-24 x 3/8 PPHMS		3
21	5879-4	Hose Clamp (7/16)	2	F031	1/4-20 x 5/8 Hex Bolt		2
22	M111	Fuel Line (1/4 x 6-1/4")	2*	F032	1/4-20 x 3/4 Hex Bolt		2
23	8043-9	1/4 x 1/4 x 1/4 Tee	1	F034	5/16-18 x 3/4 Hex Bolt		4
24	5879-3	Hose Clamp (1/2)	4	F035	5/16-18 x 1-1/4 Hex Bolt		1
25	M111	Fuel Line (1/4 x 20-1/4")	1*	F038	3/8-16 x 1 Hex Bolt		2
26	2024-1	Oil Expansion Reservoir (1 Qt.)	1	F040	3/8-16 x 1-1/2 Hex Bolt		1
27	2025-24	Cross Member Bracket	1	F042	3/8-16 x 2-1/4 Hex Bolt		1
28	2025-19	Hose Channel	1	F049	5/16 SAE Washer		1
29	5832	Cable Clamp (1/2)	3	F050	1/4 SAE Washer		2
Ground Drive Assemblies				F051	3/8 SAE Washer		2
30	2028-8	Lockout Arm, RH	1	F108	3/8-16 x 2 Hex Bolt		1
31	4026-18	Fan & Pulley Kit (Includes Items # 32-34)	2	F151	3/8-16 x 7/8 Hex Bolt		2
32	4026-13	Hydro Pulley Fan	2	F182	1/4 x 5/8 x 1/8 Washer		4
33	5025-18	Hydro Fan Washer	2	F183	.312 x .700 x .074 Washer		3
34	5025-19	Hydro Fan Nut	2	F226	5/16-18 x 7/8 Hex Bolt		2
35	2248-1	Ground Drive Belt / Kevlar	1	F231	1/4 x 3/4 Woodruff Key (#806)		1
36	4245	Idler Pulley (3/A)	2	F336	3/8-16 Jam Nut		1
37	2240-2	Drive Pulley (Includes Item # F718)	1	F350	1/4-20 LP Nylock		2
38	4349-12	Flange Bearing (1")	1	F388	3/8-16 x 2-1/2 Hex Bolt		4
39	5841	Retainer Washer (3/8 x 1-1/4)	1	F434	5/16-18 x 3-1/2 Hex Bolt		4
40	5830-3	Grease Fitting (45 Deg.)	1	F718	5/16-18 x 5/16 Set Screw (Knurl Point)		2
41	2349-14	Transmission Belt Tensioner (Includes Items # 40 & 42)	1	* Required hose specifications:			
42	7201-3	Fiberglide Bearing	2	M111 - 1/4" ID fuel/oil/vapor hose (Gates 4219-0103 or equivalent)			

HYDROSTATIC GROUND DRIVE ASSEMBLIES



Model H27i Beginning S/N 193250
 Use only genuine Walker® replacement parts.

STEERING CONTROL ASSEMBLIES

ITEM NO.	PART NO.	DESCRIPTION	NO. REQ'D	ITEM NO.	PART NO.	DESCRIPTION	NO. REQ'D
Steering Lever & FSC Assemblies				Fasteners			
1	5850-2	Handle Grip, Foam (5-1/2)	3	F004		1/4-20 Keps Nut	2
2	4170-4	FSC Lever Assembly (Includes Item # 3)	*	F005		1/4-20 ESNA Nut	2
3	5830	Grease Fitting	1	F008		5/16-24 Keps Nut	2
4	7201-11	Inner Race (1.938)	1	F009		5/16-18 Whiz Locknut	6
5	5214-4	Ball Joint (5/16-24) W/O Stud	2	F010		5/16-24 ESNA Nut	2
6	4213-3	Control Rod (6-1/4)	1	F024		5/16-24 Jam Nut	4
7	5463-7	Steering Lever Actuator	2	F035		5/16-18 x 1-1/4 Hex Bolt	1
8	5665-1	Compression Spring (2-1/2)	2	F044		5/16-24 x 3/4 Hex Bolt	2
9	2213	Control Rod (7")	2	F050		1/4 SAE Washer	4
10	2212-3	Seal Retainer	2	F093		5/16-18 x 1 Hex Bolt	2
11	2212	Transmission Control Arm Stop	2	F121		5/16-18 x 3/8 x 1 SHL Bolt	1
12	2212-2	Transmission Control Arm, RH	1	F146		1/4-20 Jam Nut	2
13	5214-2	Ball Joint (5/16-24) (Nylon Lined)	2	F167		5/16-18 Hex Nut	1
14	2212-1	Transmission Control Arm, LH	1	F183		.312 x .700 x .074 Washer	6
15	2451-1	Steering Pivot Shaft With Stop	1	F188		1/4-20 Self-Locking Nut	4
16	5463-6	Washer (5/16 x 3/4 x .250)	2	F192		3/8-24 Self-Locking Nut	1
17	7201-2	Fiberglide Bearing (1/2")	2	F211		1/4-20 x 7/8 Hex Bolt	1
18	5463-5	Steering Arm Pivot Bushing (SS)	2	F226		5/16-18 x 7/8 Hex Bolt	2
19	5830-3	Grease Fitting (45 Degree)	1	F235		5/16-18 x 2-1/2 Hex Bolt	1
20	8201-3	Fiberglide Bearing	4	F385		1/4 x 1-1/4 Roll Pin	1
21	2451-7	Speed Control Actuator, LH (Includes Items # 19 & 20)	1	F390		1/4-20 x 7/8 Carriage Bolt	4
22	5146	10mm Ball Stud	4	F391		1/4-20 x 1/2 Set Screw, SS	2
23	4199-4	Steering Lever Dampener Assembly	2	F407		Belleville Washer 3/8 x 1.187, SS	1
24	2451-8	Speed Control Actuator, RH (Includes Items # 20 & 25)	1	F551		5/16-18 Flange Top Lock Nut	1
25	5830-4	Grease Fitting (90 Deg.)	1	* Service Part Only			
26	4451-4	FSC Friction Actuator	1				
27	4219	Extension Spring (3/4 x 6-1/2)	1				
28	5453-20	Steering Lever Handle (+1") Adjustable / SS (Includes Items # 1, F050, F188 & F390)	2				
29	4452-1	Steering Lever Tube W/Tab	2				
30	5450	D-Clip	2				
31	5222	Extension Spring (1/2 x 3-1/4)	2				
32	4452-6	Steering Pivot (1/4-20 x 1-5/8)	2				
33	4142-1	FSC Cam	1				
34	5141	FSC Friction Washer (1-1/2 x 3/8 x 1/16)	1				
35	4142-2	FSC Friction Washer (1-1/2 x 1-1/32 x 1/16)	1				
36	9704-3	Pivot Rod Bushing, Plastic	2				
37	2451-4	Steering Shaft Spacer	1				

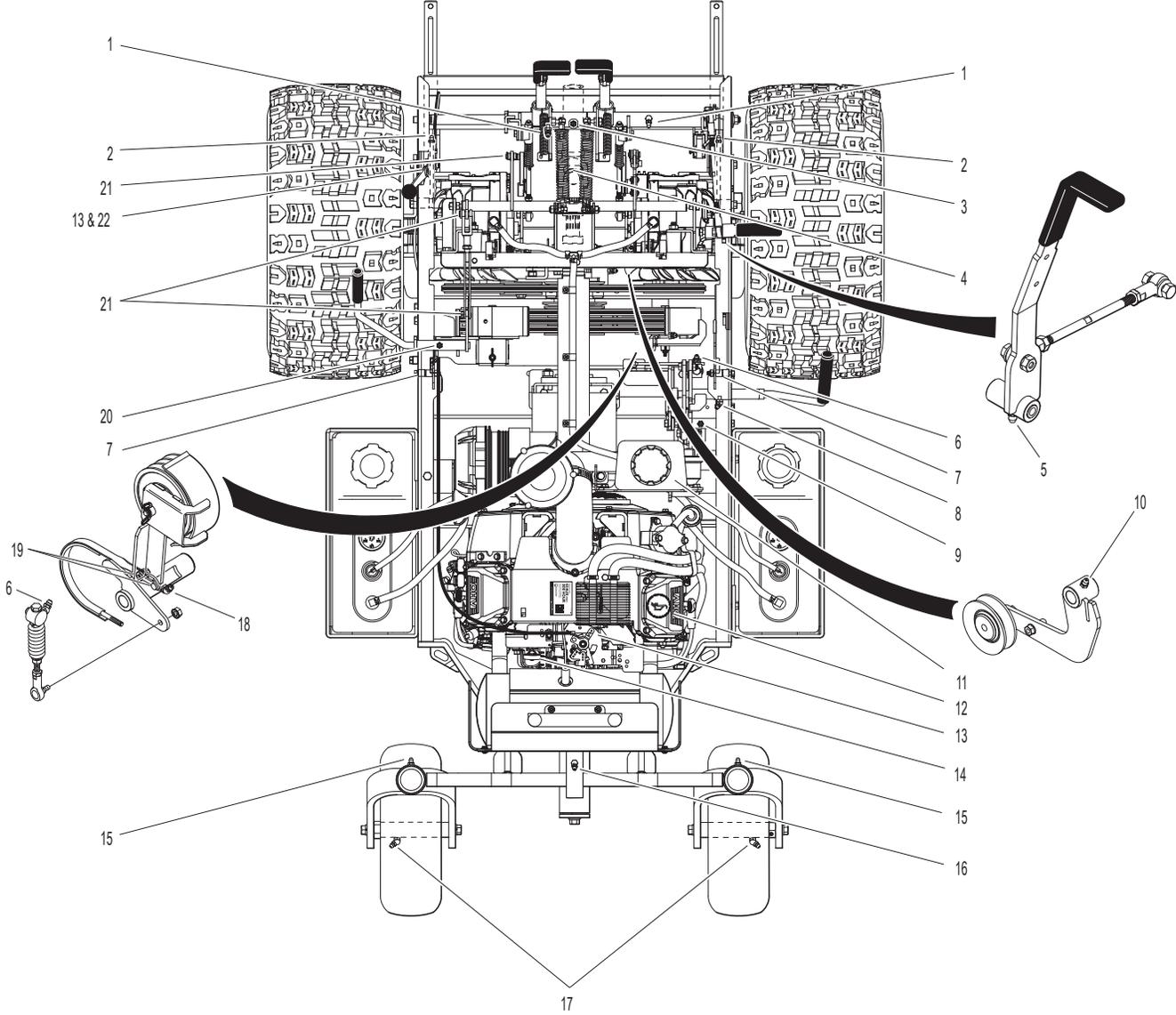
ELECTRICAL ASSEMBLY

ITEM NO.	PART NO.	DESCRIPTION	NO. REQ'D	ITEM NO.	PART NO.	DESCRIPTION	NO. REQ'D
Electrical Assembly				22	2940-3	Battery Cable, 14" (-)	1
1	8960-15	Ignition Switch W/Keys (Includes Items # 2, 3 & F349)	1	23	5975-1	Cable Tie (18# x 3-3/4")	2
2	7854	Plastic Tip, Red	1	24	5932	Battery Terminal Insl., Blk (-)	1
3	8960-3	Key Set W/Umbrella	1	25	5910-6	Battery Spacer Pad	1
4	7941-3	Boot, Circuit Breaker	1	26	7910-3	Battery (12V/350A CCA)	1
5	7941-7	Circuit Breaker (20 Amp)	1	27	5839	Hook Bolt	2
6	8990-1	Hourmeter (Global)	1	28	5933	Battery Terminal Insl., Red (+)	1
7	8996-9	Red Indicator Light Assembly	3	29	5844	Battery Hold-Down Bar	1
8	8536-2	Warning Horn Assembly	1	30	5833	Cable Clamp (1/4)	1
9	6105-3	Harness Clip	3	31	2940-23	Wire Harness	1
10	5977-3	Grommet (9/16)	1	32	5942-4	Safety Switch (NO)	1
11	2103-8	Adapter Harness	1	33	5942-5	Safety Switch (NO)	1
12	6941-9	Relay Switch 30/40 Amp	3	Fasteners			
13	7948-6	Time Delay Module (.5 Second Delay)	1	F002	10-24 Keps Nut		13
14	7948-5	Time Delay Harness	1	F004	1/4-20 Keps Nut		2
15	5941-2	Safety Switch (NO)	1	F009	5/16-18 Whiz Locknut		1
16	7833-2	Cable Clamp (1 x 1/4)	2	F019	1/4-20 ESNA Wing Nut		2
17	2940-16	Wire Extension	1	F026	10-24 x 1/2 PPHMS		13
18	7938	Lead Wire (Engine to Chassis Ground)	2	F031	1/4-20 x 5/8 Hex Bolt		2
19	2940-2	Battery Cable, 22" (+)	1	F034	5/16-18 x 3/4 Hex Bolt		1
20	8404-8	Plastic Cover, Red	2	F050	1/4 SAE Washer		2
21	8941	Circuit Breaker (30 Amp) (Auto Reset/Sealed)	1	F182	1/4 x 5/8 x 1/8 Washer		2
				F232	10-32 Keps Nut		2
				F349	Washer .835 ID 1.122 OD, SS		1

LUBRICATION POINTS

ITEM NO.	LOCATION	LUBRICATION TYPE	NO. PLACES	ITEM NO.	LOCATION	LUBRICATION TYPE	NO. PLACES
Lubrication Points							
1	Steering Lever Pivot	Grease	2	15	Tail Wheel Caster Fork Pivot	Grease	2
2	Deck Support Arm Pivot	Grease	2	16	Rear Axle Pivot	Grease	1
3	Deck-to-PTO Coupling (Grease Spline Slide Area)	Grease	1	17	Rear Wheel Bearing	Grease	2
4	Universal Joint Tube Assembly	Grease*	1	18	PTO Belt Tightener Idler Pivot	Grease	1
5	FSC Lever Pivot	Grease	1	19	Brake Band Pivot Pins (Clevis)	Oil	2
6	Clutch Actuator Push Rod	Grease	1	20	Parking Brake Lever Pivot	Grease	1
7	Body Latch Pivot	Oil	2	21	Parking Brake Clevis	Oil	3
8	PTO Clutch Lever Pivot	Grease	1	22	Throttle Control Pivot	Oil	1
9	Clutch Arm Pivot	Grease	1	* Grease every 25 hours.			
10	Hydro Idler Arm Pivot	Grease	1	** Refer to H27i Operator's Manual for procedure for checking and changing oil in Engine Crankcase.			
11	Transaxle Oil Reservoir	Oil/20W-50	1	NOTE: See Model H27i Operator's Manual (P/N 2000-52) for proper lubrication intervals.			
12	Engine Oil Fill	Oil**	1				
13	Throttle Control Cable Ends	Oil	2				
14	Engine Dipstick	Oil**	1				

LUBRICATION POINTS



CASTER WHEEL FORK INSTALLATION

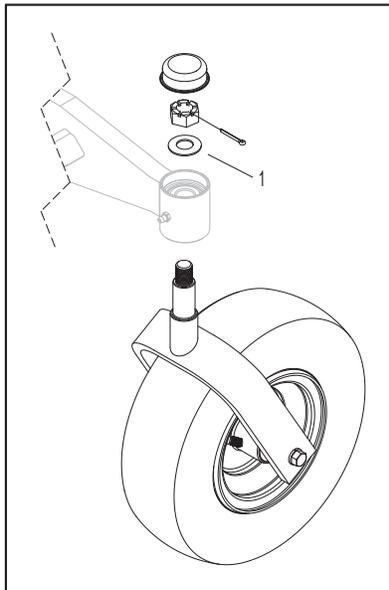
ITEM NO.	DESCRIPTION	ITEM NO.	DESCRIPTION
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Caster Wheel Fork Assembly

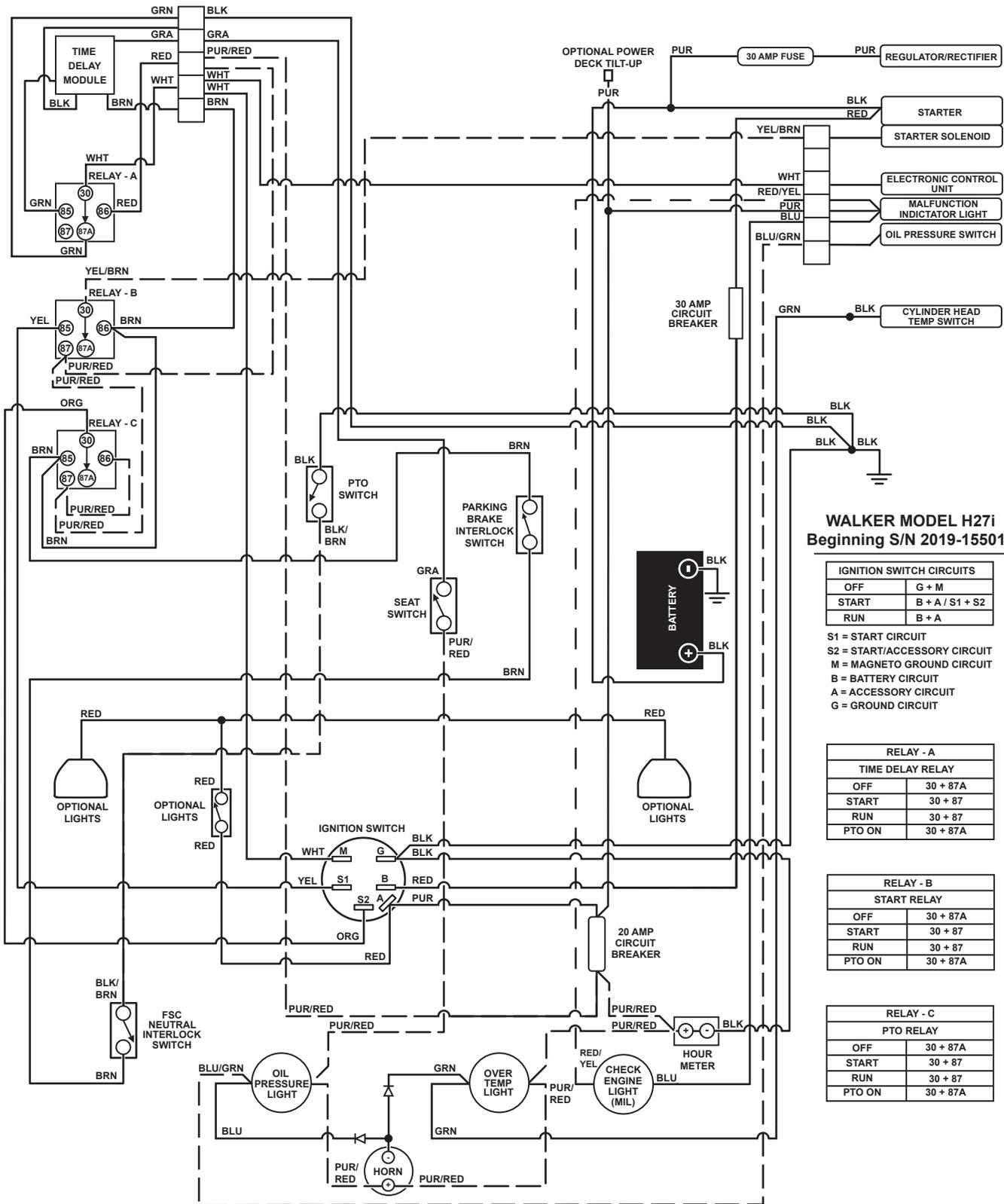
- 1 Installing the Caster Fork with a Belleville Washer:
 - a. Install the fork up into the bearing housing through the lower and upper tapered roller bearings. Rotate the fork as the seal is engaging onto the shaft to prevent the seal lip from rolling.
 - b. Place a Belleville washer onto the fork shaft with the cupped side of the washer down against the bearing, and thread the slotted hex nut finger-tight onto the shaft.
 - c. Using a wrench or socket, tighten the slotted hex nut by hand only until the Belleville washer is fully compressed, which is felt as a distinct increase in the amount of force required to turn the nut.
 - d. Back the nut off one to two notches until the cotter pin hole is visible, and install the cotter pin to lock the nut in place.

NOTE: The tension of the compressed Belleville washer provides the correct amount of bearing pre-load and will remain consistent with use. Do not over-tighten the nut, which will bind the caster pivot and cause unnecessary turning friction.

Tail Wheel Pivot Assembly



WIRING SCHEMATIC



WALKER MODEL H27i Beginning S/N 2019-155013

IGNITION SWITCH CIRCUITS	
OFF	G + M
START	B + A / S1 + S2
RUN	B + A

S1 = START CIRCUIT
 S2 = START/ACCESSORY CIRCUIT
 M = MAGNETO GROUND CIRCUIT
 B = BATTERY CIRCUIT
 A = ACCESSORY CIRCUIT
 G = GROUND CIRCUIT

RELAY - A TIME DELAY RELAY	
OFF	30 + 87A
START	30 + 87
RUN	30 + 87
PTO ON	30 + 87A

RELAY - B START RELAY	
OFF	30 + 87A
START	30 + 87
RUN	30 + 87
PTO ON	30 + 87A

RELAY - C PTO RELAY	
OFF	30 + 87A
START	30 + 87
RUN	30 + 87
PTO ON	30 + 87A

LIMITED WARRANTY FOR WALKER MODEL H27i RIDER MOWERS

1. WHAT THIS WARRANTY COVERS, AND FOR HOW LONG:

Walker Manufacturing company will, at its option, repair or replace, without charge, any part covered by this warranty which is found to be defective in material and/or workmanship within two (2) years* after date of sale to the original retail purchaser unless the product is used for rental purposes, in which case this warranty is limited to ninety (90) days. At Walker's request, customer will make the defective part available for inspection by Walker and/or return the defective part to Walker, transportation charges prepaid. All parts and components of the Walker Mower are covered by this warranty **except** the following components which are warranted separately by their respective manufacturers:

Rehiko/Kohler Engine

The available warranties covering these items are furnished with each mower. Walker does not assume any warranty obligation, liability or modification for these items, which are covered exclusively by the stated warranty of the respective manufacturers noted above.

The Fulbat battery comes with a one (1) year warranty from the date of sale to the original retail purchaser. Warranty claims for the battery are administered through Walker Manufacturing.

★ Extended warranties are offered for the following powertrain components:

- A three (3) year or 3000 hour (whichever comes first) warranty is offered for Hydro-Gear ZT-3400 hydrostatic transmissions; covers full cost of replacement up to 1000 hours of use, and after 1000 hours warranty coverage is prorated against 3000 hours.

2. WHAT THIS WARRANTY DOES NOT COVER:

- A. This warranty does not cover defects caused by depreciation or damage caused by normal wear, accidents, improper maintenance, improper use or abuse of the product, alterations, or failure to follow the instructions contained in the Owner's Manual for operation and maintenance.
- B. The customer shall pay any charges for making service calls and/or for transporting the mower to and from the place where the inspection and/or warranty work is performed.

3. HOW TO OBTAIN SERVICE UNDER THIS WARRANTY:

Warranty service can be arranged by contacting the dealer where you purchased the mower or by contacting Walker Manufacturing Company, 5925 East Harmony Road, Ft. Collins, CO 80528. Proof of the date of purchase may be required to verify warranty coverage.

4. WARRANTY LIMITATION:

- A. **THERE IS NO OTHER EXPRESS WARRANTY. ANY WARRANTY THAT MAY BE IMPLIED FROM THIS PURCHASE INCLUDING MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE IS HEREBY LIMITED TO THE DURATION OF THIS WARRANTY AND TO THE EXTENT PERMITTED BY LAW ANY AND ALL IMPLIED WARRANTIES ARE EXCLUDED.** Some states do not allow limitations on how long an implied warranty lasts, so the above limitations may not apply to you.
- B. **WALKER WILL NOT BE LIABLE FOR ANY INCIDENTAL, CONSEQUENTIAL, OR SPECIAL DAMAGES AND/OR EXPENSES IN CONNECTION WITH THE PURCHASE OR USE OF THE MOWER.** Some states do not allow the exclusion or limitation of incidental or consequential damages, so the above limitation(s) or exclusion(s) may not apply to you.
- C. Only the warranty expressed in this limited warranty shall apply and no dealer, distributor, or individual is authorized to amend, modify, or extend this warranty in any way. Accordingly, additional statements such as dealer advertising or presentations, whether oral or written, do not constitute warranties by Walker, and should not be relied upon.
- D. This warranty gives you specific legal rights, and you may also have other rights which vary from state to state.



WALKER

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