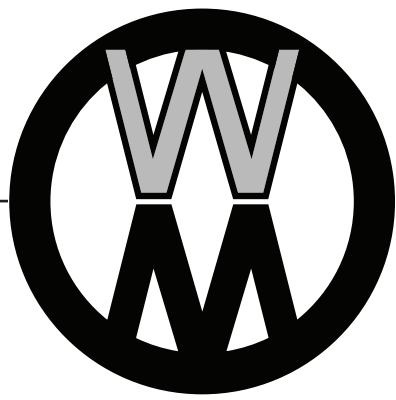




WALKER

Illustrated Parts Manual

H27i



Note: The H27i shown is equipped with the optional All-Terrain Tires.

Beginning S/N: 172648
P/N 2000-44

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

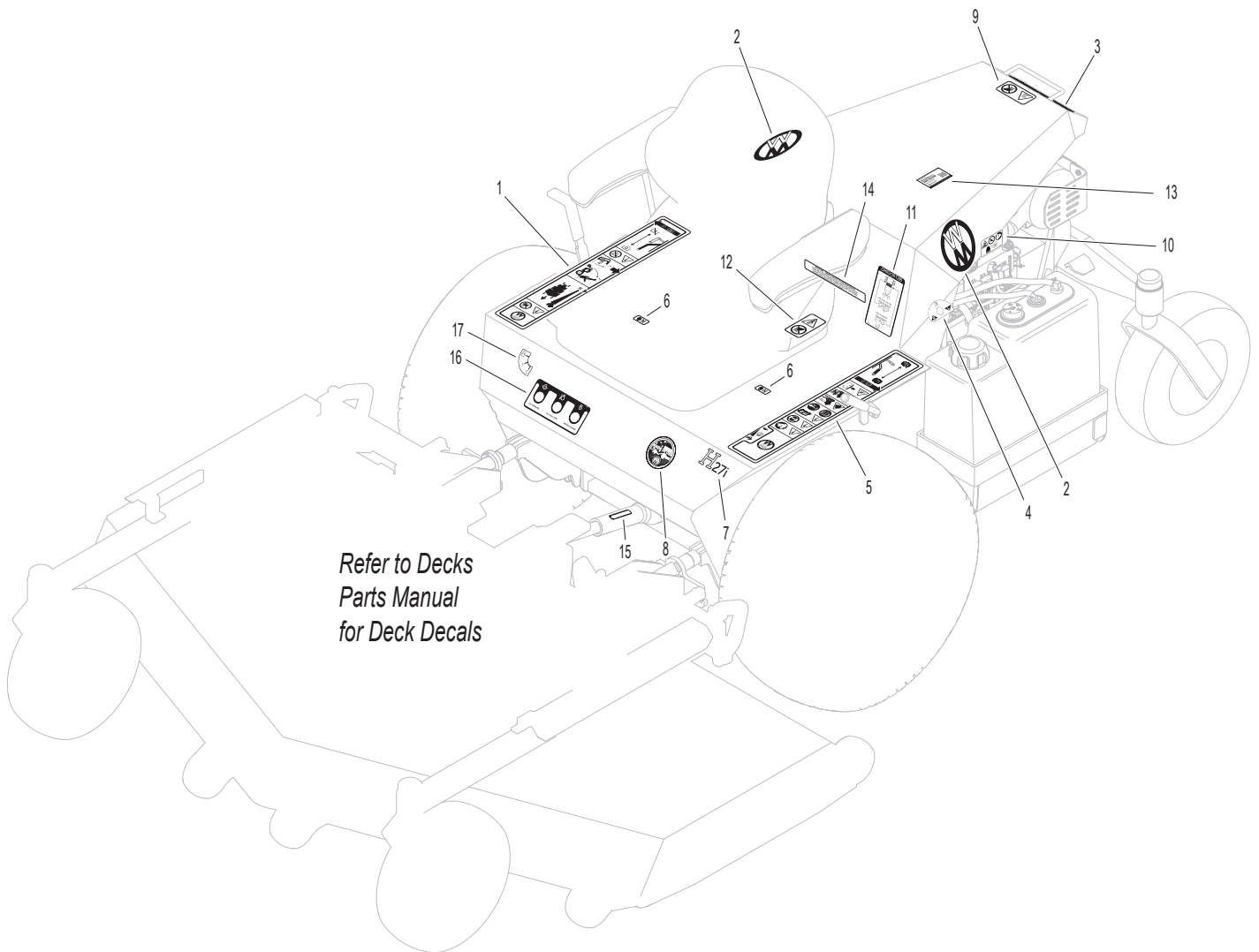
<i>Section of Tractor Covered</i>	<i>Page</i>	<i>Section of Tractor Covered</i>	<i>Page</i>
Decals		Electrical Components	
Tractor Decals	2	Electrical Assembly	16
Body / Chassis Assemblies		Maintenance	
Front & Rear Body Assemblies	4	Lubrication Points	18
Chassis Assembly	6	Wiring Schematic	20
Tractor Components		Warranty	
Main Component Power Transmission	8	Limited Warranty	21
Engine Group	10		
Hydrostatic Ground Drive Assemblies	12		
Steering Control Assemblies	14		

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	8600-12	Danger, Engine Exhaust	Engine, LH Side	1
11	2107-5	Decal, Belt Routing	Rear Body, Underside	1
12	8600-2	Danger, Rotating Components	Coupling Guard	1
Maintenance Decals				
13	6895-103	Kohler 300 Hour Oil	Oil Cooler / Regulator Mount	1
14	5855	Important, Engine Cooling	Engine	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

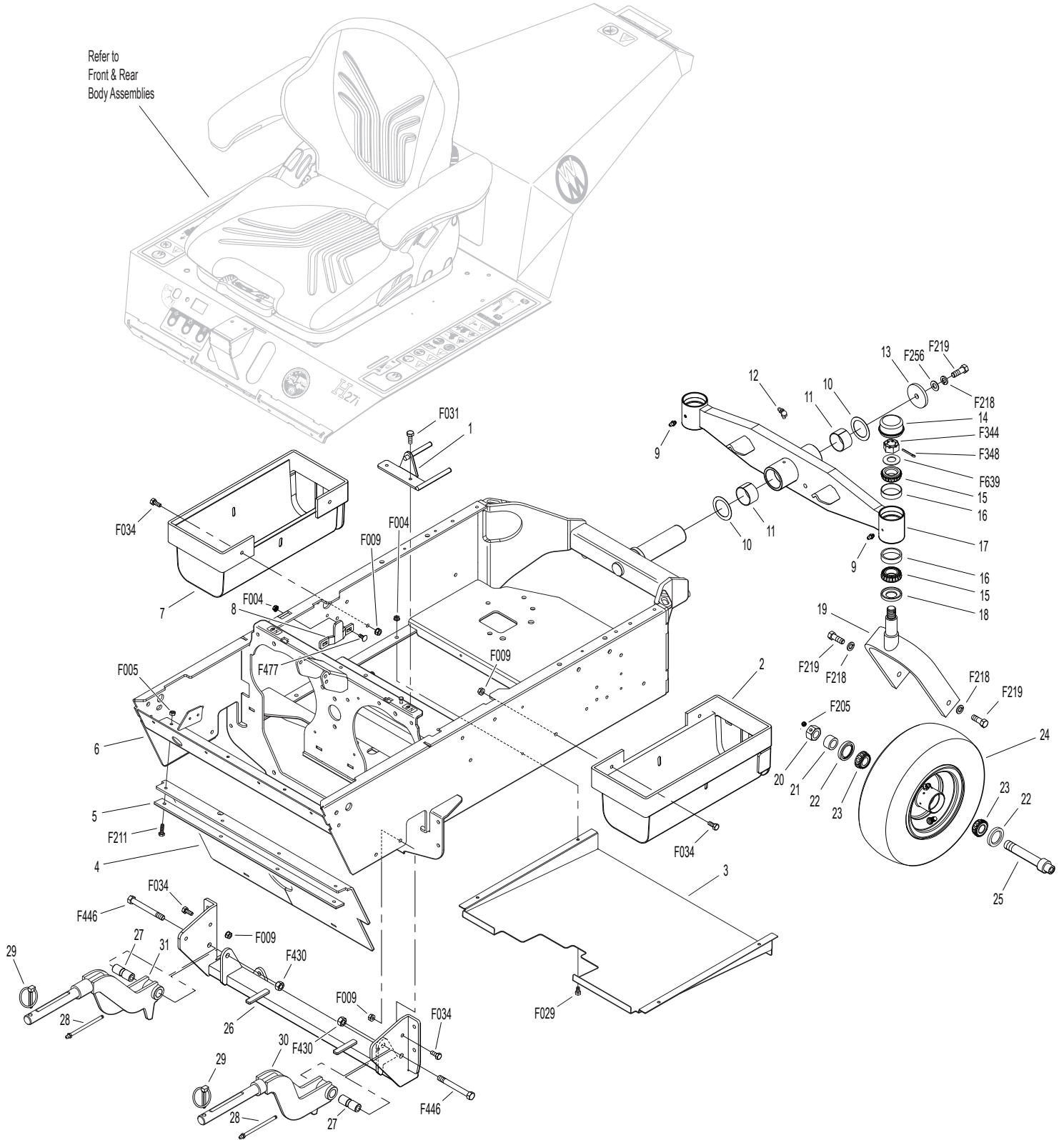
ITEM NO.	PART NO.	DESCRIPTION	NO. REQ'D	ITEM NO.	PART NO.	DESCRIPTION	NO. REQ'D
Body & Seat Assembly				Fasteners			
1	6103-14	Suspension Seat	1	F004	1/4-20 Keps Nut		13
2	2105-12	Rear Body (Includes Item # 3)	1	F005	1/4-20 ESNA Nut		2
3	2190-1	Insulation Foam Pad	1	F009	5/16-18 Whiz Locknut		12
4	7844	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	F049	5/16 SAE Washer		4
9	2100-8	Front Body	1*	F060	AN960516 Washer		2
10	5989-55	Dome Plug (1/2)	1	F091	5/16-18 x 5/8 Hex Bolt		4
11	7854	Plastic Tip, Red	1	F093	5/16-18 x 1 Hex Bolt		1
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	Grammer Seat Mount Channel, RH	1	F341	Coil Roll Pin (7/64 x 9/16)		1
15	6103-45	Grammer 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	F613	10-24 x 1/2 Truss Head Torx		5
18	4102-1	Body Guide, Upper	1				
Tilt-Up Latch Assembly**				* Decal H27i is available by ordering P/N 8821-5. ** Complete Tilt-Up Latch Assembly Kit available by ordering kit # 5744-5.			
19	5847	Plastic Tip	1				
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				



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	2301-8	Debris Guard	1	29	2775	Lynch Pin (5/16 x 1-1/4)	2
5	2301-9	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				
Tail Wheel Assembly							
9	5830	Grease Fitting	2		F004	1/4-20 Keps Nut	6
10	2201-2	Fiberglide Thrust Washer	2		F005	1/4-20 ESNA Nut	4
11	2201-3	Fiberglide Bearing (1-5/8)	2		F009	5/16-18 Whiz Locknut	8
12	5830-4	Grease Fitting (90 Deg.)	1		F029	1/4-20 x 1/2 Hex Bolt	4
13	2201-4	Washer (2-1/4 x 7/16 x 1/4 Thk)	1		F031	1/4-20 x 5/8 Hex Bolt	2
14	8769-8	Dust Cap, Deck Caster	2		F034	5/16-18 x 3/4 Hex Bolt	8
15	8769-6	Bearing Cone (1" ID)	4		F205	5/16-18 x 1/4 Set Screw (Knurl Point)	2
16	8769-5	Bearing Cup (2 x 1-5/8)	4		F211	1/4-20 x 7/8 Hex Bolt	4
17	2300-10	Tail Wheel Pivot (Includes Items # 9, 11, 12 & 16)	1		F218	7/16 Split Lock Washer	5
18	8769-7	Seal	2		F219	7/16-14 x 1-1/4 Hex Bolt	5
19	2770	Caster Wheel Fork	2		F256	7/16 SAE Washer	1
20	8039	Nut, Tail Wheel Axle	2		F344	3/4-16 Slotted Hex Nut	2
21	8038-1	Spacer, Wheel Axle (.750 ID x 1.125 OD)	2		F348	1/8 x 1-1/2 Cotter Pin	2
22	8768-2	Seal, Reverse Lip	4		F430	7/16-20 ESNA Nut	2
23	8037	Bearing Cone (3/4 ID)	4		F446	7/16-20 x 3-1/2 Grd 8 Bolt	2
24	8035-1	Wheel & Tire (13 x 4.50-6) (W/Bearing Race)	2		F477	1/4-20 x 5/8 Carriage Bolt	2
	8035-3	Tail Wheel Tire (13 x 4.5-6 Ply)	*		F639	Belleville Washer (1.5 x .755 x .072)	2
25	7038	Wheel Axle (3/4 x 5-9/16)	2	* Service Part Only			

CHASSIS ASSEMBLY

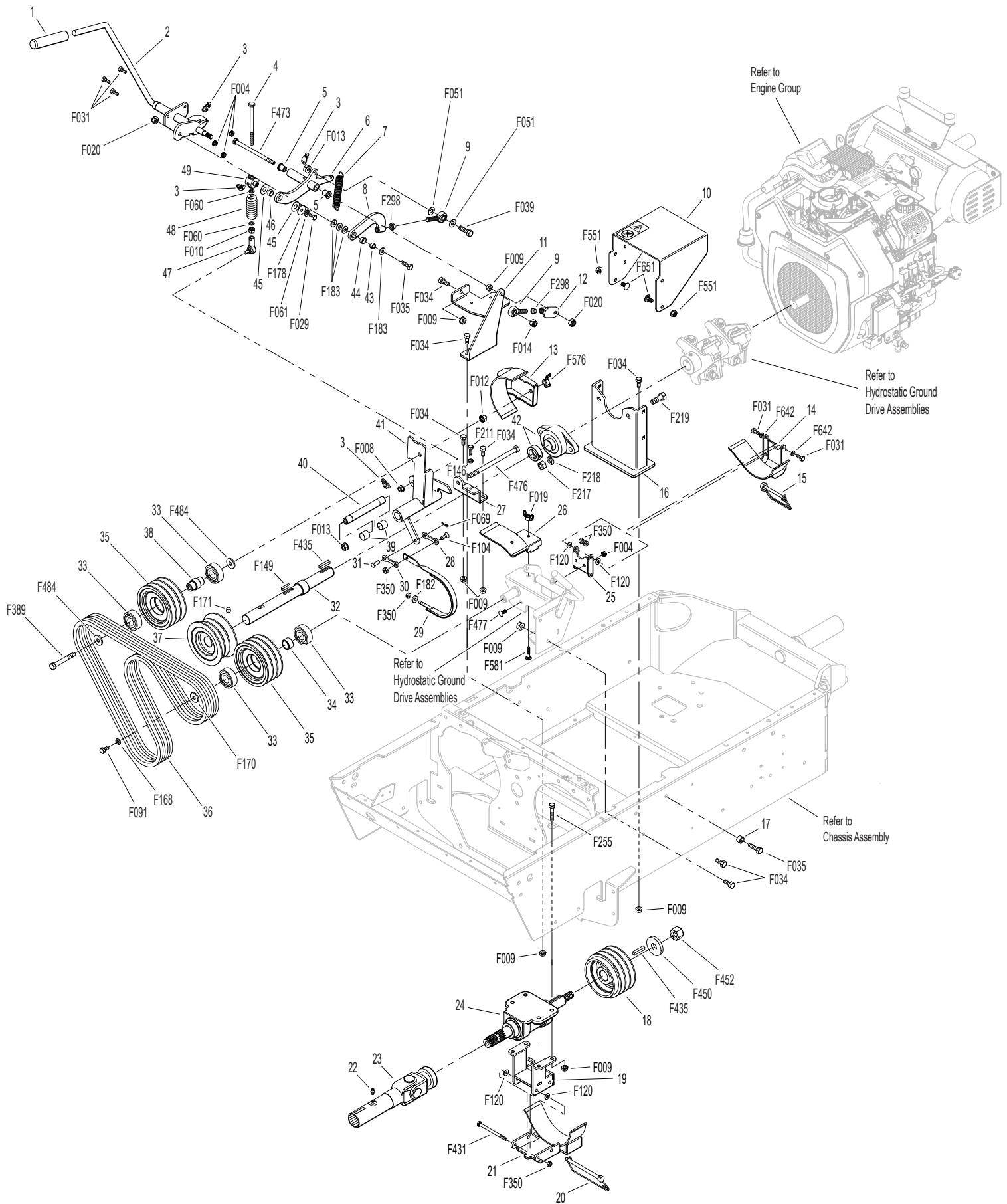


MAIN COMPONENT POWER TRANSMISSION

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		9
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	F060	AN960516 Washer		2
17	2406-5	Spacer	1	F061	1/4 Star Lock Washer		1
18	2236-5	PTO Pulley (4.5/AAA)	1	F069	3/32 x 1/2 Cotter Pin		1
19	2359-1	Brake Band / Guard Mount	1	F091	5/16-18 x 5/8 Hex Bolt		1
20	7775-8	Wire Lock Pin (4")	1	F104	1/4-20 x 3/4 PFH Bolt		1
21	2302-5	PTO Shoe	1	F120	AN960416 Washer		4
22	5830	Grease Fitting	1	F146	1/4-20 Jam Nut		1
23	7275-16	Universal Joint Tube Assembly / Spline	1	F149	1/4 x 1/4 x 1-1/2 Key		1
24	2274-10	PTO Drive Shaft Assembly	*	F168	5/16 Split Lock Washer		1
25	2302-6	Shoe Mount, LH	1	F170	5/16 x 1 x 7/64 Flat Washer (Zinc Plate)		1
26	2302-17	Upper Shoe, LH	1	F171	5/16-18 x 3/8 Set Screw		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 & F171)	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	F484	Washer .380 ID x 1.0 OD x .120		2
46	7378	Pivot Bearing (7/16 x 9/16)	1	F551	5/16-18 Flange Top Lock Nut		4
47	5214-2	Ball Joint (5/16-24) (Nylon Lined)	1	F576	3/8-16 ESNA Wing Nut		1
48	7226	Compression Spring (3/4 x 2-1/2)	1	F581	1/4-20 x 1-1/4" Carriage Bolt		1
49	7380	Knuckle Joint	1	F642	1/4 x .042 Belleville Washer		2
				F651	5/16-18 x 5/8 Carriage Bolt Grd 2		4

* Service Part Only

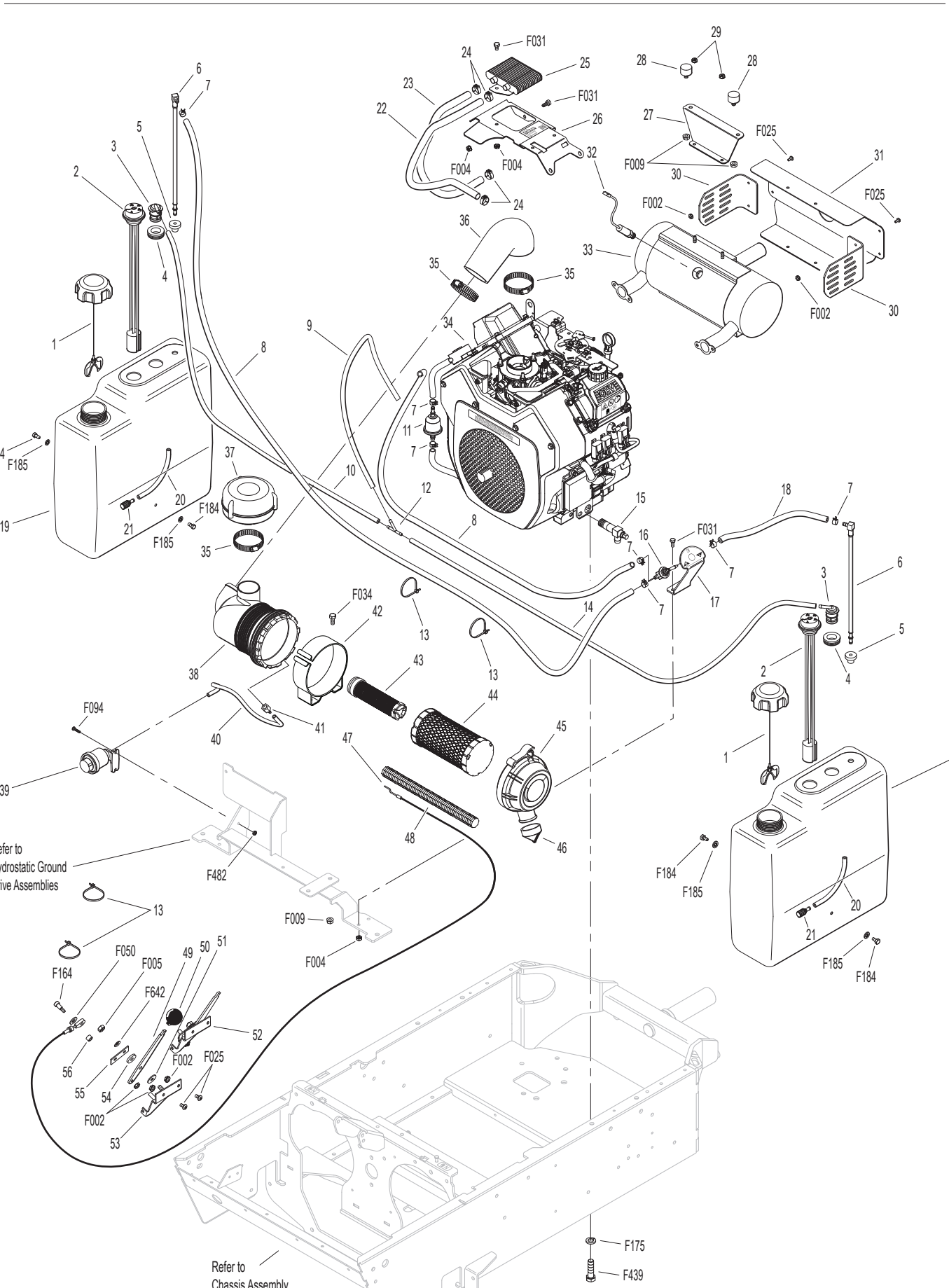
MAIN COMPONENT POWER TRANSMISSION



Model H27i Beginning S/N 172648
Use only genuine **Walker®** replacement parts.

ENGINE GROUP

ITEM NO.	PART NO.	DESCRIPTION	NO. REQ'D	ITEM NO.	PART NO.	DESCRIPTION	NO. REQ'D
Fuel Tank Assembly				42	5088-3	Air Cleaner Band	1
1	5082-4	2-1/4 Ratchet Fuel Cap (EPA)	2	43	2090-3	Safety Filter Insert	1
2	8055-2	Fuel Tank Gauge	2	44	2090-1	Air Cleaner Cartridge	1
3	8043-8	Roll Over Valve	2	45	2088-2	Air Cleaner Cap	1
4	5977-7	Roll Over Grommet (.900 x 1-1/2)	2	46	2090-2	Vacuator Valve	1
5	5083-1	Bushing, Rubber	2	Throttle Assembly			
6	5083-8	Tank Tube (13")	2	47	2108-4	Control Cable (68")	1
7	5879-3	Hose Clamp (1/2)	7	48	8123-3	Insultherm (3/8 x 10)	1
8	M246	Fuel Line (1/4 x 42-1/4")	2**	49	5108-1	Control Lever, Throttle / Choke	1
9	M113	Fuel Line (3/16 x 9-3/4")	1**	50	5108-5	Throttle Control Knob, Red	1
10	M113	Fuel Line (3/16 x 12")	1**	51	5108-11	Friction Washer (.062)	1
11	7014-9	Fuel Filter	1	52	7108	Control Assembly	1
12	8043-6	Connector "Y"	1			(Includes Items # 49, 51, 53-55 & F201)	
13	5975-3	Cable Tie (50# x 7")	4		2108-5	Throttle Control and Cable Assembly	*
14	M113	Fuel Line (3/16 x 32-3/4")	1**			(Includes Items # 49-51, 53-56, F002, F005, F050, F164 & F201)	
15	4010-1	Drain Valve 3/8-18 NPTF	1	53	5108-8	Control Bracket	1
16	2010-3	Fuel Valve	1	54	5108-10	Friction Washer (.125)	1
17	2010-43	Fuel Selector Valve Mount	1	55	5108-7	Control Lock Tab	1
18	M246	Fuel Line (1/4 x 11")	1**	56	5172	Bearing, Delrin (.250 ID x .375 OD x .250)	1
19	8055-1	Fuel Tank, 4.7 Gallon, Gas (Black) (Includes Items # 2-6, 20 & 21)	2	Fasteners			
20	5086-7	Hose (1/4 x 6)	2		F002	10-24 Keps Nut	7
21	5020-2	Fuel Filter, In Tank	2		F004	1/4-20 Keps Nut	4
Remote Oil Cooler Assembly					F005	1/4-20 ESNA Nut	1
22	NS	Oil Cooler Hose	1***		F009	5/16-18 Whiz Locknut	4
23	NS	Oil Cooler Hose	1***		F025	10-24 x 3/8 PPHMS	6
24	NS	Clamp	4***		F031	1/4-20 x 5/8 Hex Bolt	4
25	NS	Oil Cooler	1***		F034	5/16-18 x 3/4 Hex Bolt	2
26	8016-8	Oil Cooler / Reg Mount	1		F050	1/4 SAE Washer	1
Engine Assembly					F094	8-32 x 1/2 PTHMS	2
27	2104-1	Body Support	1		F164	10-24 x 1/4 x 3/8 SHL Bolt	1
28	4845	Rubber Bumper (1.0 x .625)	2		F175	1/2 Split Lock Washer	4
29	NS	Kohler Nut	*		F184	1/4-20 x 1/2 Hex Bolt, SS	4
30	2013-4	Shield Side	2		F185	1/4 Internal Star Lock Washer, SS	4
31	2013-3	Muffler Heat Shield	1		F439	1/2-13 x 1-3/4 Hex Bolt	4
32	NS	Oxygen Sensor (Kohler 25 418 07-S)	1		F482	8-32 Nylock Nut	2
33	NS	Muffler (Kohler 24 786 33-S)	*		F642	1/4 x .042 Belleville Washer	1
34	NS	27 HP Engine, EFI (Pulse Pump) (Kohler, Spec. # ECH 749-3064)	*	* Service Part Only			
Precleaner Assembly				** Required hose specifications:			
35	6029	Hose Clamp (1-13/16 to 2-3/4)	3	M113 - 3/16" ID fuel/oil/vapor hose (Gates 4219-0093 or equivalent)			
36	2012-2	Air Intake Hose	1	M246 - 1/4" ID low permeation (<15g/m^2/day) fuel hose (Parker 38904 or equivalent)			
37	7026-4	Remote Precleaner	1	M258 - 7/64" ID automotive vacuum hose			
38	2088-10	Air Cleaner Assembly (Includes Items # 38-45)	*	*** Use the engine model and spec number from Kohler to order this item.			
39	5091-19	Air Flow Indicator W/Bracket	1				
40	M258	Vacuum Hose (9.5")	1**				
41	5091-5	1/8 Pipe Thread Female W/Barb	1				

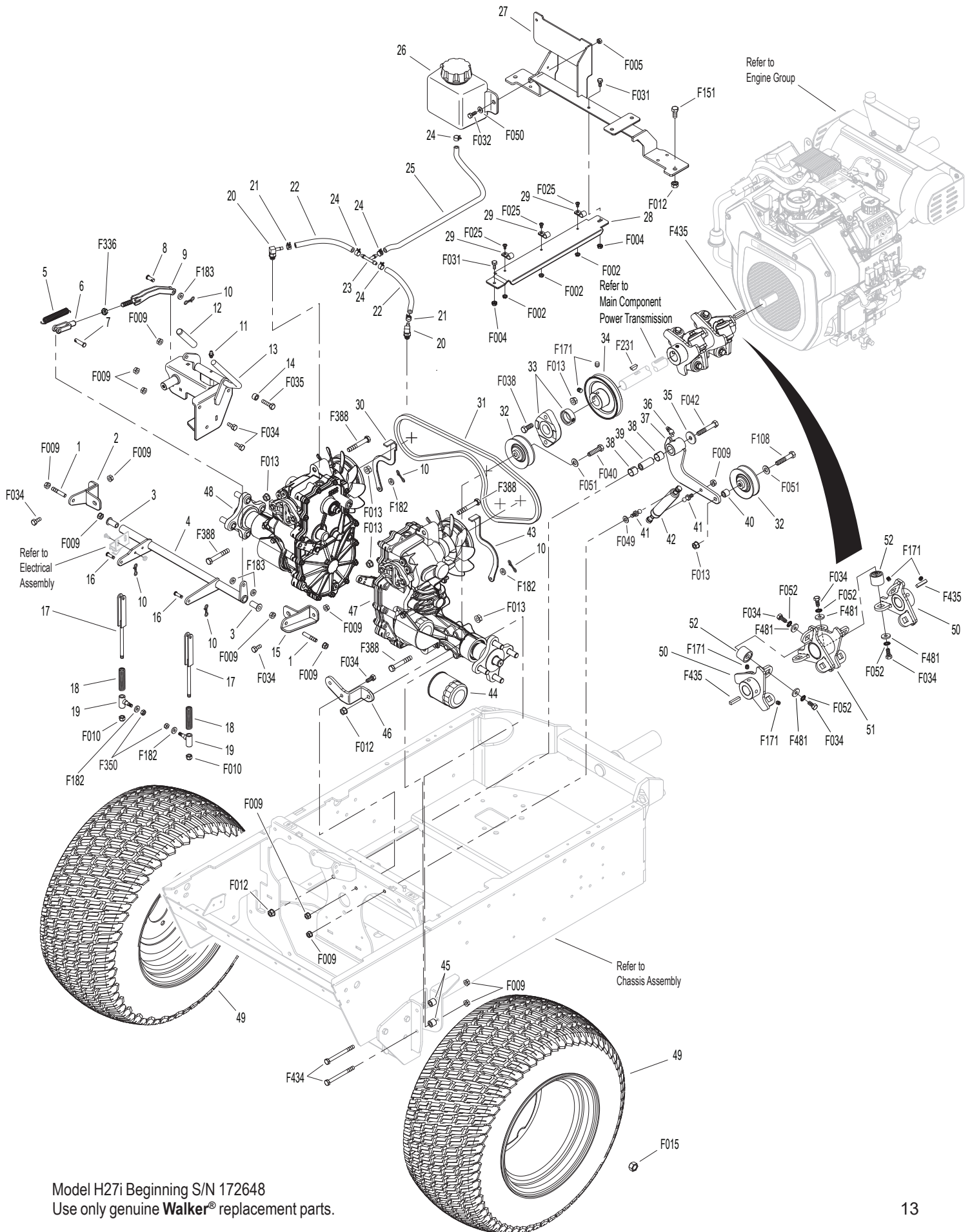


Model H27i Beginning S/N 172648
Use only genuine **Walker®** replacement parts.

HYDROSTATIC GROUND DRIVE ASSEMBLIES

ITEM NO.	PART NO.	DESCRIPTION	NO. REQ'D	ITEM NO.	PART NO.	DESCRIPTION	NO. REQ'D
Parking Brake Assembly				46	2349-15	Idler Mount	1
1	2358-6	5/16-18 x 1-3/4 Stud	2	47	2025-41	Hydro-Gear ZT3400, LH	1
2	2300-20	Parking Brake Hydro Mount, RH	1	48	2026-41	Hydro-Gear ZT3400, RH	1
3	5103-2	Pivot Bushing (5/16 ID)	2	Wheel Assembly			
4	2406-3	Parking Brake Actuator Tube	1	49	2071	Wheel & Tire (22 x 10.50-12)	2
5	5222	Extension Spring (1/2 x 3-1/4)	1		2071-4	AT Wheel & Tire (23 x 10.50-12)	**
6	2280	Clevis (3/8)	1	PTO Coupler			
7	2406-4	Clevis Pin (5/16 x 1-1/8)	1	50	2351-50	Flex Coupler Half (1" Bore) (Includes Items # F171 & F435)	2
8	8655-4	Clevis Pin (5/16 x 3/4)	1	51	2351-19	Inner Flex Coupler Half	1
9	2406-14	Brake Actuator Pull	1	52	2351-1	Rubber Iso Coupler	6
10	4407-4	Bow Tie Cotter Pin	5	Fasteners			
11	5830	Grease Fitting	1	F002	10-24 Keps Nut		3
12	7406-1	Handle Grip, Red	1	F004	1/4-20 Keps Nut		2
13	2406-15	Parking Brake Lever / Idler Mount (Includes Items # 11 & 12)	1	F005	1/4-20 ESNA Nut		2
14	2406-5	Spacer	1	F009	5/16-18 Whiz Locknut		17
15	2300-1	Parking Brake Hydro Mount, LH	1	F010	5/16-24 ESNA Nut		2
16	5281-5	Clevis Pin (1/4 x 0.80)	2	F012	3/8-16 Keps Nut		4
17	2406-10	Parking Brake Rod	2	F013	3/8-16 Whiz Locknut		7
18	5665-1	Compression Spring (2-1/2)	2	F015	1/2-20 Wheel Lug Nut		8
19	5463	Steering Lever Actuator	2	F025	10-24 x 3/8 PPHMS		3
Transaxle Reservoir Assemblies				F031	1/4-20 x 5/8 Hex Bolt		2
20	2025-17	Straight Thread Hose Fitting	2	F032	1/4-20 x 3/4 Hex Bolt		2
21	5879-4	Hose Clamp (7/16)	2	F034	5/16-18 x 3/4 Hex Bolt		18
22	M111	Fuel Line (1/4 x 6-1/4")	2*	F035	5/16-18 x 1-1/4 Hex Bolt		1
23	8043-9	1/4 x 1/4 x 1/4 Tee	1	F038	3/8-16 x 1 Hex Bolt		2
24	5879-3	Hose Clamp (1/2)	4	F040	3/8-16 x 1-1/2 Hex Bolt		1
25	M111	Fuel Line (1/4 x 20-1/4")	1*	F042	3/8-16 x 2-1/4 Hex Bolt		1
26	2024-1	Oil Expansion Reservoir (1 Qt.)	1	F049	5/16 SAE Washer		1
27	2025-24	Cross Member Bracket	1	F050	1/4 SAE Washer		2
28	2025-19	Hose Channel	1	F051	3/8 SAE Washer		2
29	5832	Cable Clamp (1/2)	3	F052	5/16 Ext. Star Lock Washer		12
Ground Drive Assemblies				F108	3/8-16 x 2 Hex Bolt		1
30	2028-8	Lockout Arm, RH	1	F151	3/8-16 x 7/8 Hex Bolt		2
31	2248-1	Ground Drive Belt / Kevlar	1	F171	5/16-18 x 3/8 Set Screw		6
32	4245	Idler Pulley (3/A)	2	F182	1/4 x 5/8 x 1/8 Washer		4
33	4349-12	Flange Bearing (1")	1	F183	.312 x .700 x .074 Washer		3
34	2240-2	Drive Pulley (Includes Item # F171)	1	F231	1/4 x 3/4 Woodruff Key (#806)		1
35	5841	Retainer Washer (3/8 x 1-1/4)	1	F336	3/8-16 Jam Nut		1
36	5830-3	Grease Fitting (45 Deg.)	1	F350	1/4-20 LP Nylock		2
37	2349-14	Transmission Belt Tensioner (Includes Items # 36 & 38)	1	F388	3/8-16 x 2-1/2 Hex Bolt		4
38	7201-3	Fiberglide Bearing	2	F434	5/16-18 x 3-1/2 Hex Bolt		4
39	7201-4	Inner Race (1-1/2)	1	F435	1/4 x 1/4 x 1-1/4 Key		2
40	6325-3	Spacer Bushing (9/16)	1	F481	Washer 5/16 x 1 x .125		12
41	5146	10mm Ball Stud	2	* Required hose specifications:			
42	2215-6	Pressure Dampener	1	M111 - 1/4" ID fuel/oil/vapor hose (Gates 4219-0103 or equivalent)			
43	2028-7	Lockout Arm, LH	1	** Service Part Only			
44	2026-6	Hydro-Gear® Oil Filter (52114)	2				
45	9430-1	Spacer Tube	4				

HYDROSTATIC GROUND DRIVE ASSEMBLIES



Model H27i Beginning S/N 172648
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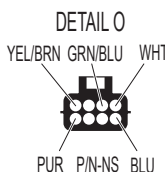
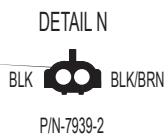
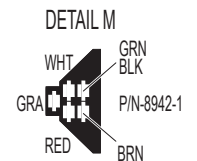
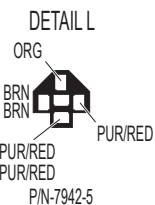
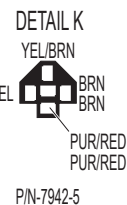
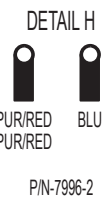
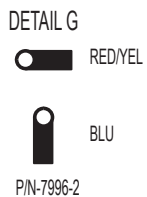
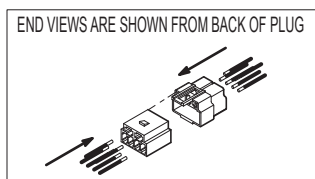
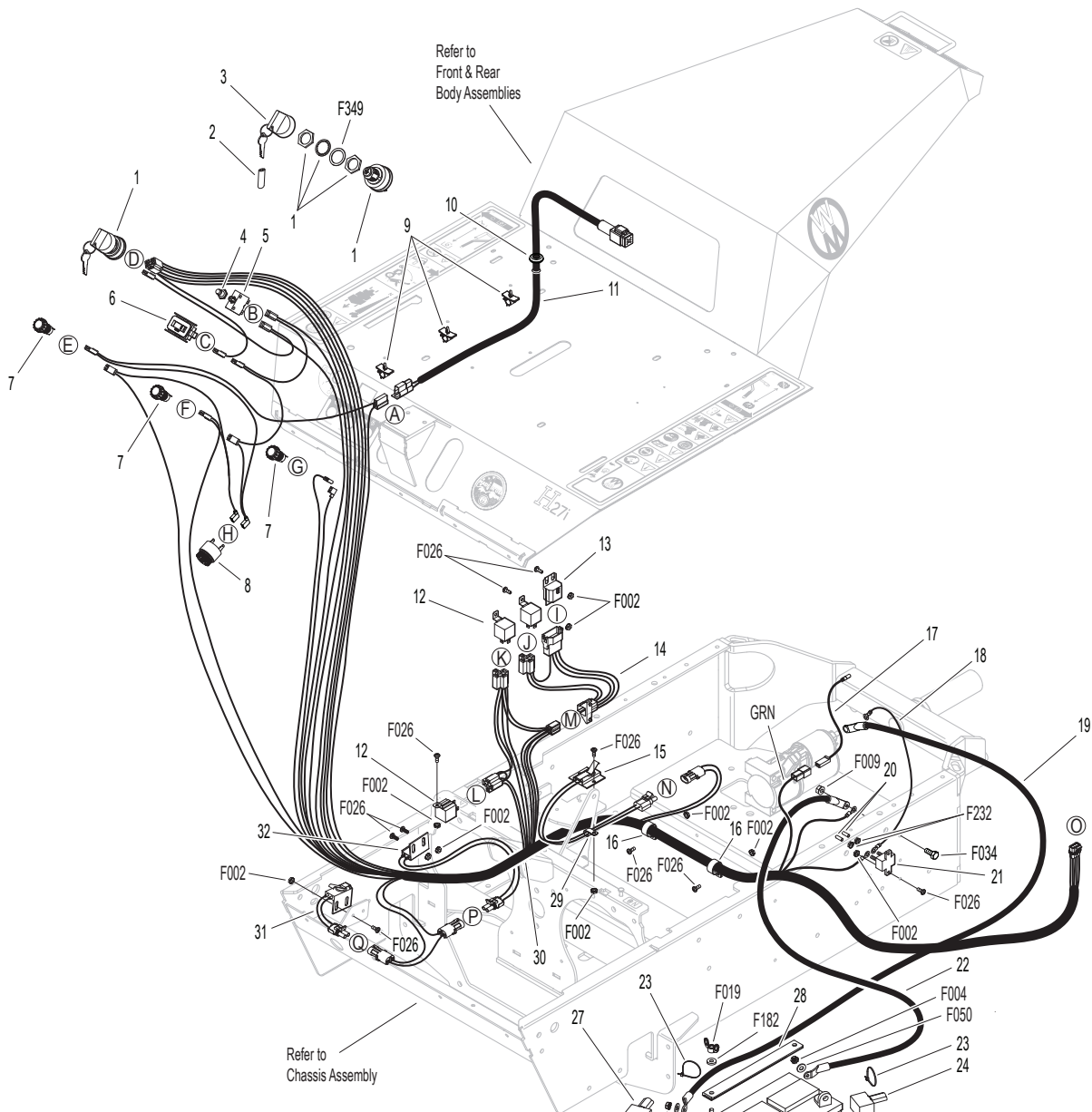
STEERING CONTROL ASSEMBLIES

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	5463-4	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	F093	5/16-18 x 1 Hex Bolt		2
10	2212-3	Seal Retainer	2	F121	5/16-18 x 3/8 x 1 SHL Bolt		1
11	2212	Transmission Control Arm Stop	2	F146	1/4-20 Jam Nut		2
12	2212-2	Transmission Control Arm, RH	1	F167	5/16-18 Hex Nut		1
13	5214-2	Ball Joint (5/16-24) (Nylon Lined)	2	F183	.312 x .700 x .074 Washer		6
14	2212-1	Transmission Control Arm, LH	1	F188	1/4-20 Self-Locking Nut		4
15	2451-1	Steering Pivot Shaft With Stop	1	F192	3/8-24 Self-Locking Nut		1
16	5463-6	Washer (5/16 x 3/4 x .250)	2	F198	.250 x .625 x .040 Washer, SS		2
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	F345	1/4-20 x .770 Knurled Bolt		4
21	2451-7	Speed Control Actuator, LH (Includes Items # 19 & 20)	1	F385	1/4 x 1-1/4 Roll Pin		1
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, F188, F198 & F345)	2				
29	4452-4	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				

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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	NS	Battery (12V/350 CCA/Dry/SP-40)	1
4	7941-3	Boot, Circuit Breaker	1	26	5839	Hook Bolt	2
5	7941-7	Circuit Breaker (20 Amp)	1	27	5933	Battery Terminal Insl., Red (+)	1
6	8990-1	Hourmeter (Global)	1	28	5844	Battery Hold-Down Bar	1
7	8996-9	Red Indicator Light Assembly	3	29	5833	Cable Clamp (1/4)	1
8	8536-2	Warning Horn Assembly	1	30	2940-23	Wire Harness	1
9	6105-3	Harness Clip	3	31	5942-4	Safety Switch (NO)	1
10	5977-3	Grommet (9/16)	1	32	5942-5	Safety Switch (NO)	1
11	2103-8	Adapter Harness	1	Fasteners			
12	6941-9	Relay Switch 30/40 Amp	3	F002	10-24 Keps Nut		13
13	7948-6	Time Delay Module (.5 Second Delay)	1	F004	1/4-20 Keps Nut		2
14	7948-5	Time Delay Harness	1	F009	5/16-18 Whiz Locknut		1
15	5941-2	Safety Switch (NO)	1	F019	1/4-20 ESNA Wing Nut		2
16	7833-2	Cable Clamp (1 x 1/4)	2	F026	10-24 x 1/2 PPHMS		13
17	2940-16	Wire Extension	1	F031	1/4-20 x 5/8 Hex Bolt		2
18	7938	Lead Wire, Battery Charge (Alternator to Starter)	1	F034	5/16-18 x 3/4 Hex Bolt		1
19	2940-2	Battery Cable, 22" (+)	1	F050	1/4 SAE Washer		2
20	8404-8	Plastic Cover, Red	2	F182	1/4 x 5/8 x 1/8 Washer		2
21	8941	Circuit Breaker (30 Amp) (Auto Reset/Sealed)	1	F232	10-32 Keps Nut		2
				F349	Washer .835 ID 1.122 OD, SS		1



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LUBRICATION POINTS

ITEM NO.	LOCATION	LUBRICATION TYPE	NO. PLACES
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Lubrication Points

1	Steering Lever Pivot	Grease	2
2	Deck Support Arm Pivot	Grease	2
3	Deck-to-PTO Coupling (Grease Spline Slide Area)	Grease	1
4	Universal Joint Tube Assembly	Grease*	1
5	FSC Lever Pivot	Grease	1
6	Clutch Actuator Push Rod	Grease	1
7	Body Latch Pivot	Oil	2
8	PTO Clutch Lever Pivot	Grease	1
9	Clutch Arm Pivot	Grease	1
10	Hydro Idler Arm Pivot	Grease	1
11	Transaxle Oil Reservoir	Oil/20W-50	1
12	Throttle Control Cable Ends	Oil	2
13	Engine Dipstick	Oil**	1
14	Tail Wheel Caster Fork Pivot	Grease	2

ITEM NO.	LOCATION	LUBRICATION TYPE	NO. PLACES
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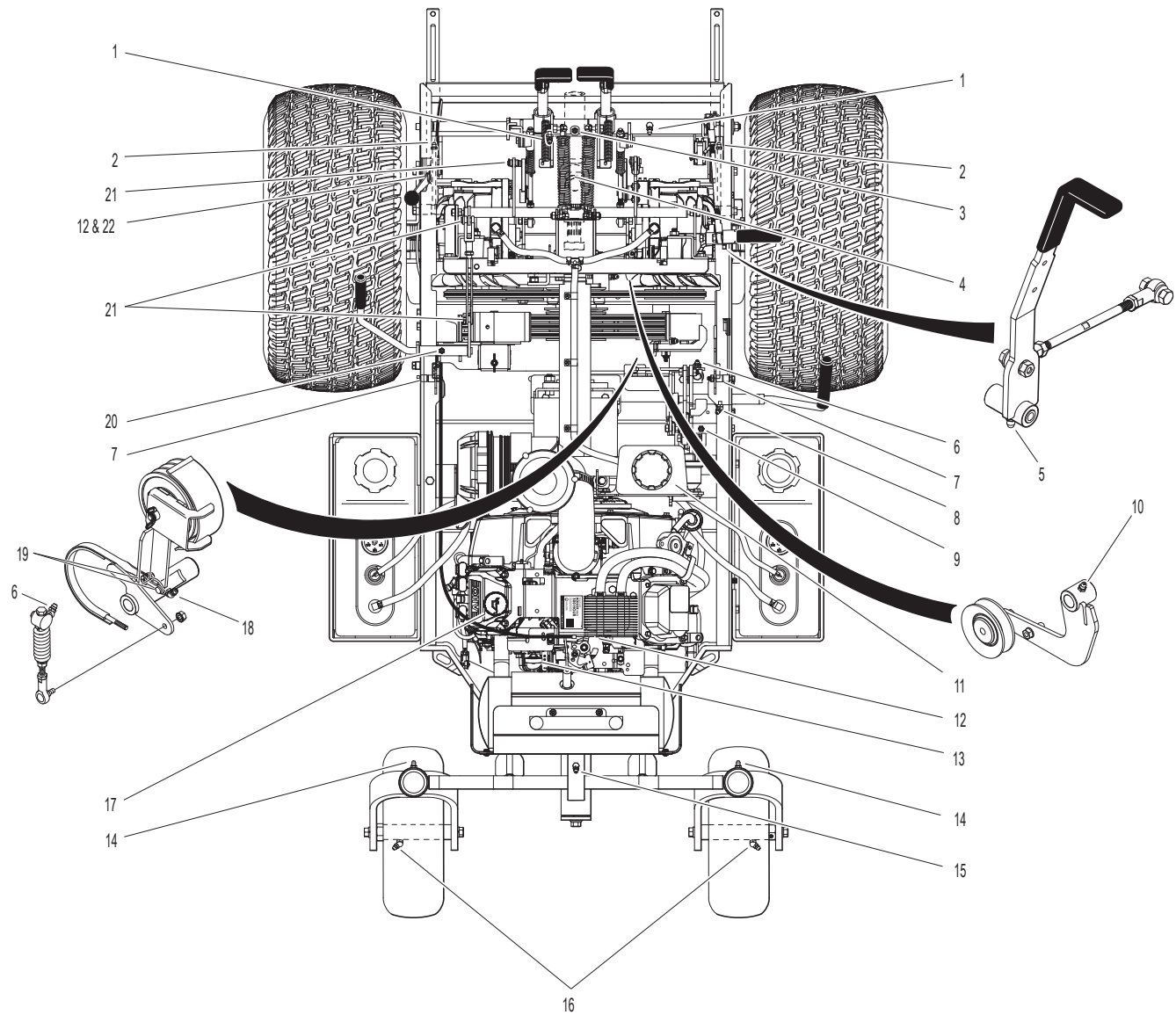
15	Rear Axle Pivot	Grease	1
16	Rear Wheel Bearing	Grease	2
17	Engine Oil Fill	Oil**	1
18	PTO Belt Tightener Idler Pivot	Grease	1
19	Brake Band Pivot Pins (Clevis)	Oil	2
20	Parking Brake Lever Pivot	Grease	1
21	Parking Brake Clevis	Oil	3
22	Throttle Control Pivot	Oil	1

* Grease every 25 hours.

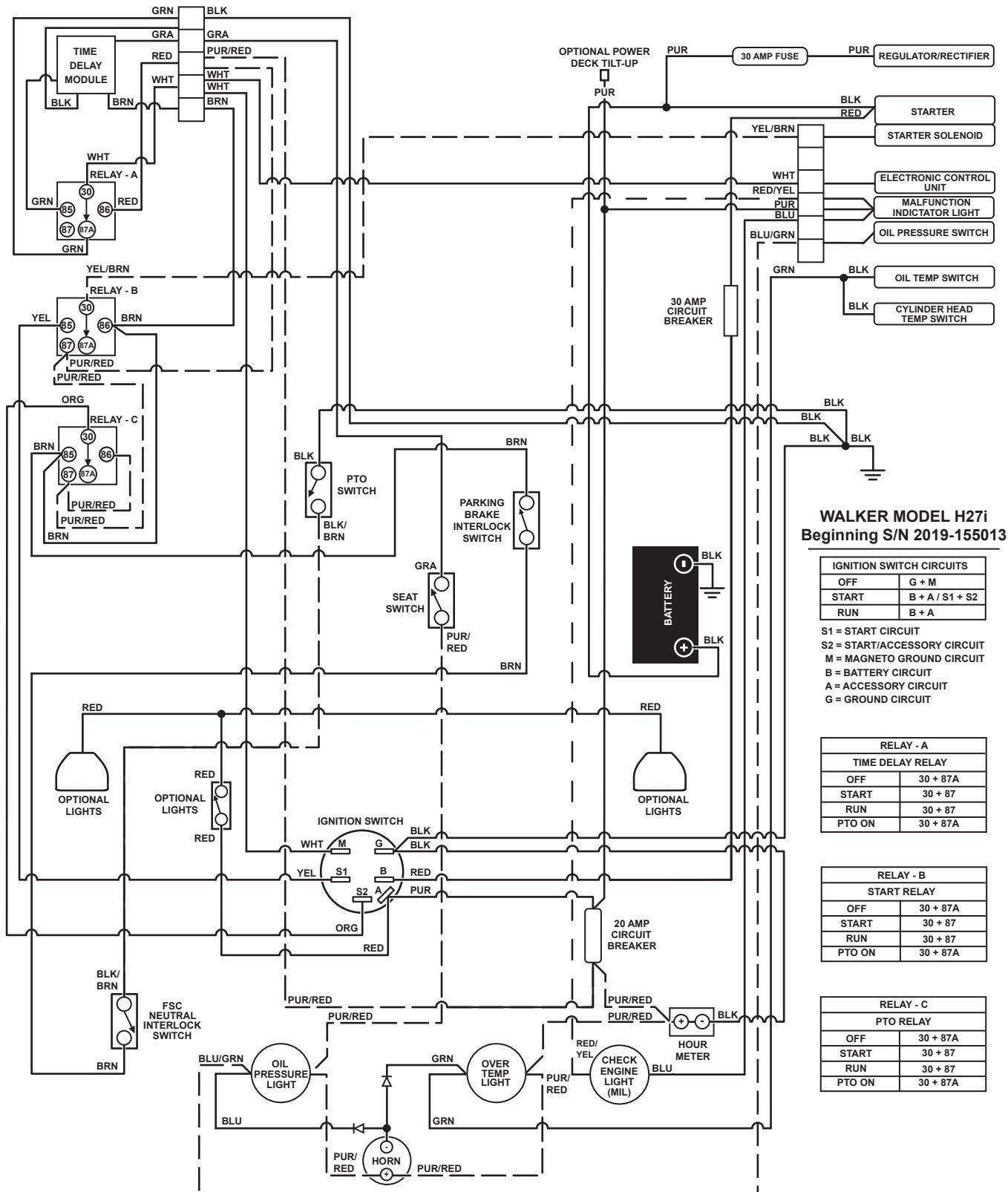
** Refer to H27i **Operator's Manual** for procedure for checking and changing oil in Engine Crankcase.

NOTE: See Model H27i **Operator's Manual** (P/N 2000-38) for proper lubrication intervals.

LUBRICATION POINTS



WIRING SCHEMATIC



LIMITED WARRANTY FOR WALKER MODEL H27i RIDER MOWER

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 the 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:

Kohler Engine

Battery

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.

- A three (3) year or 3000 hour (whichever comes first) warranty is offered for Hydro-Gear ZT3400 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 Operator'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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