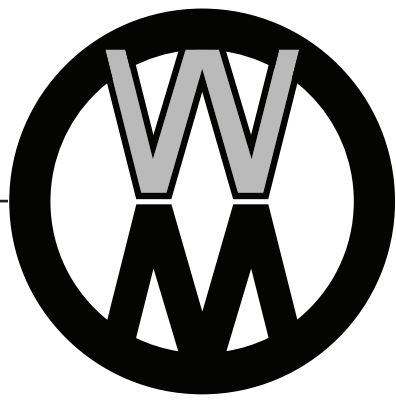




WALKER

Illustrated Parts Manual

H27i



Beginning S/N: 190455
P/N 2000-50

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

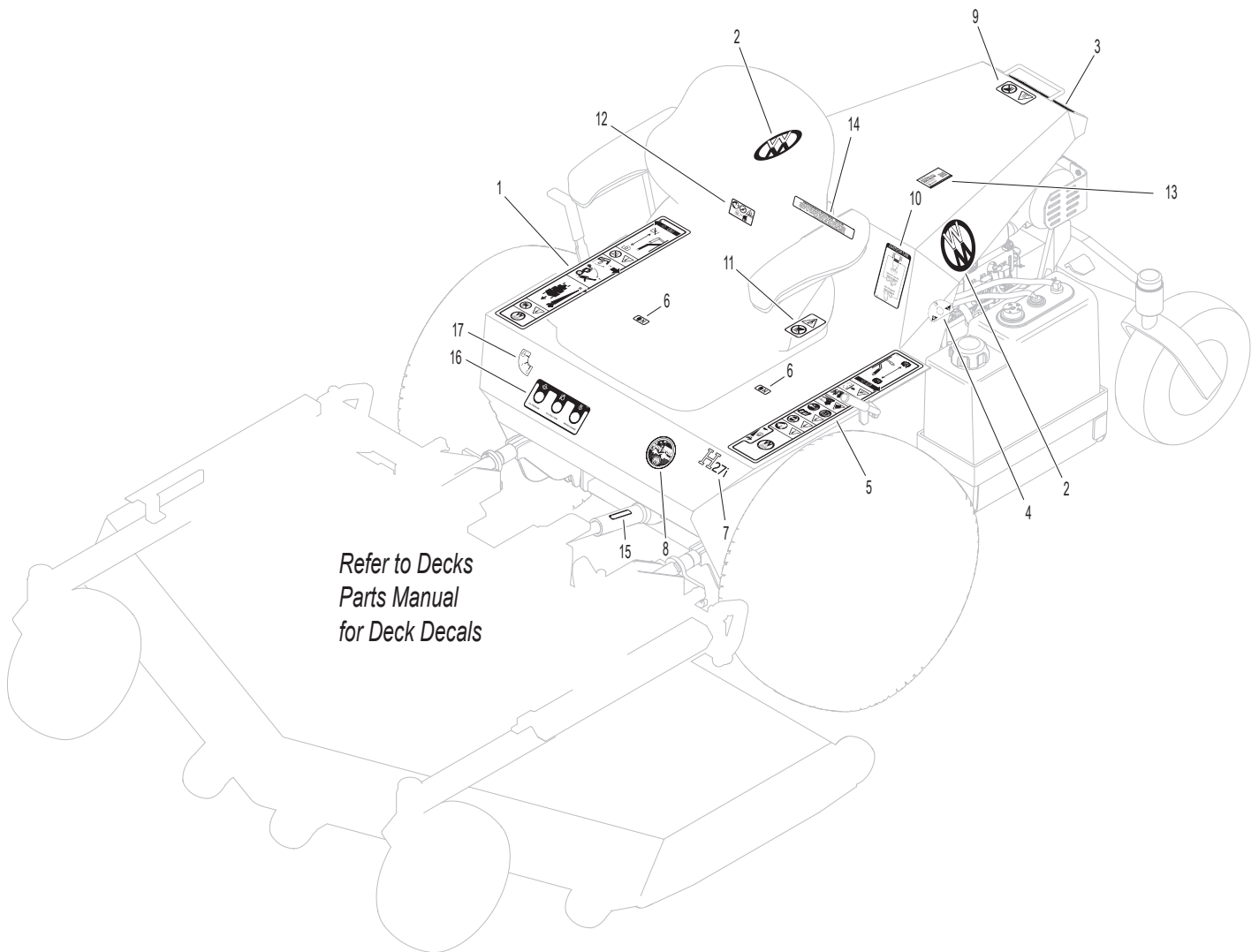
<i>Section of Tractor Covered</i>	<i>Page</i>	<i>Section of Tractor Covered</i>	<i>Page</i>
Decals		Electrical Components	
Tractor Decals	2	Electrical Assembly	16
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TRACTOR DECALS

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	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.

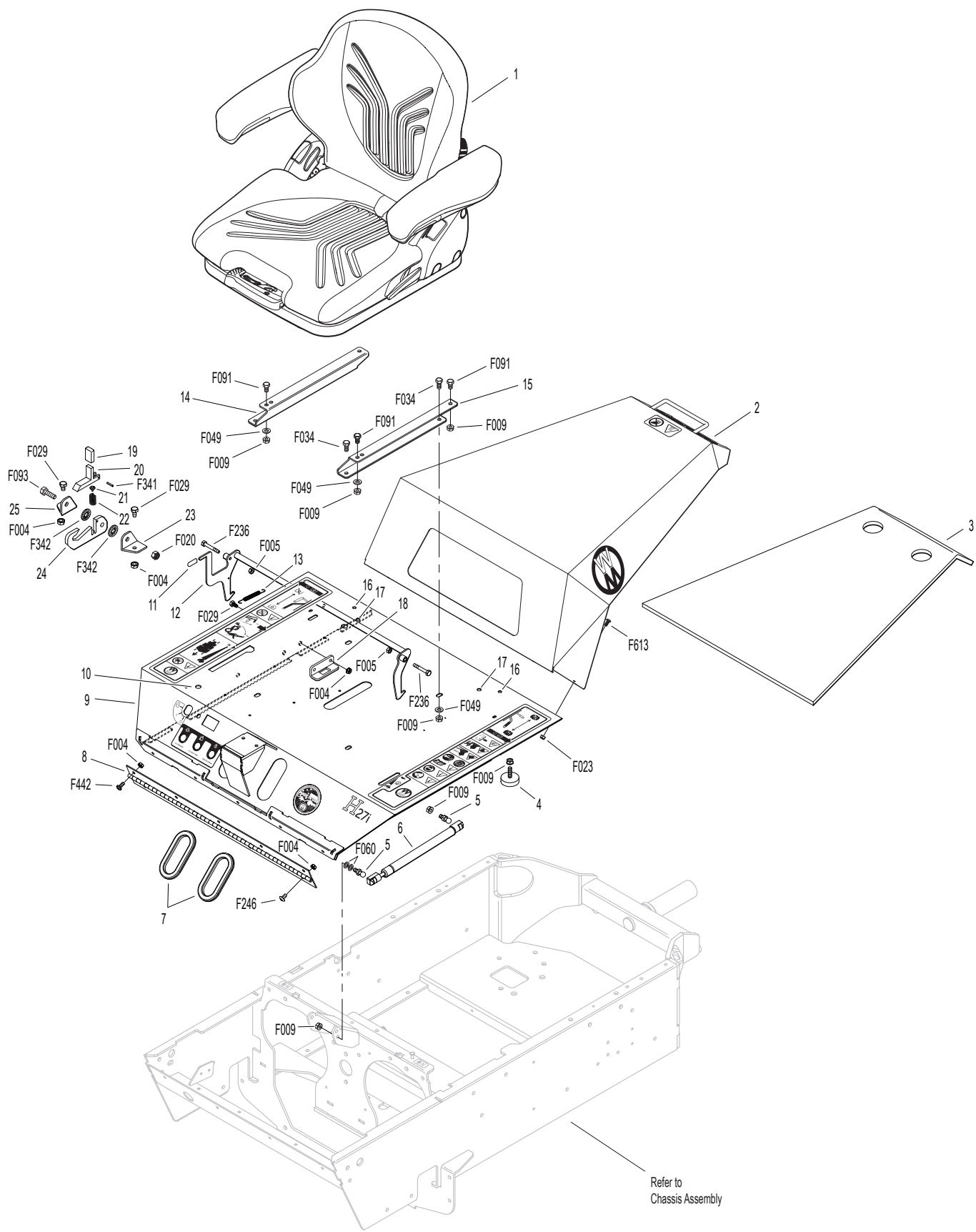
TRACTOR DECALS



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		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				

FRONT & REAR BODY ASSEMBLIES

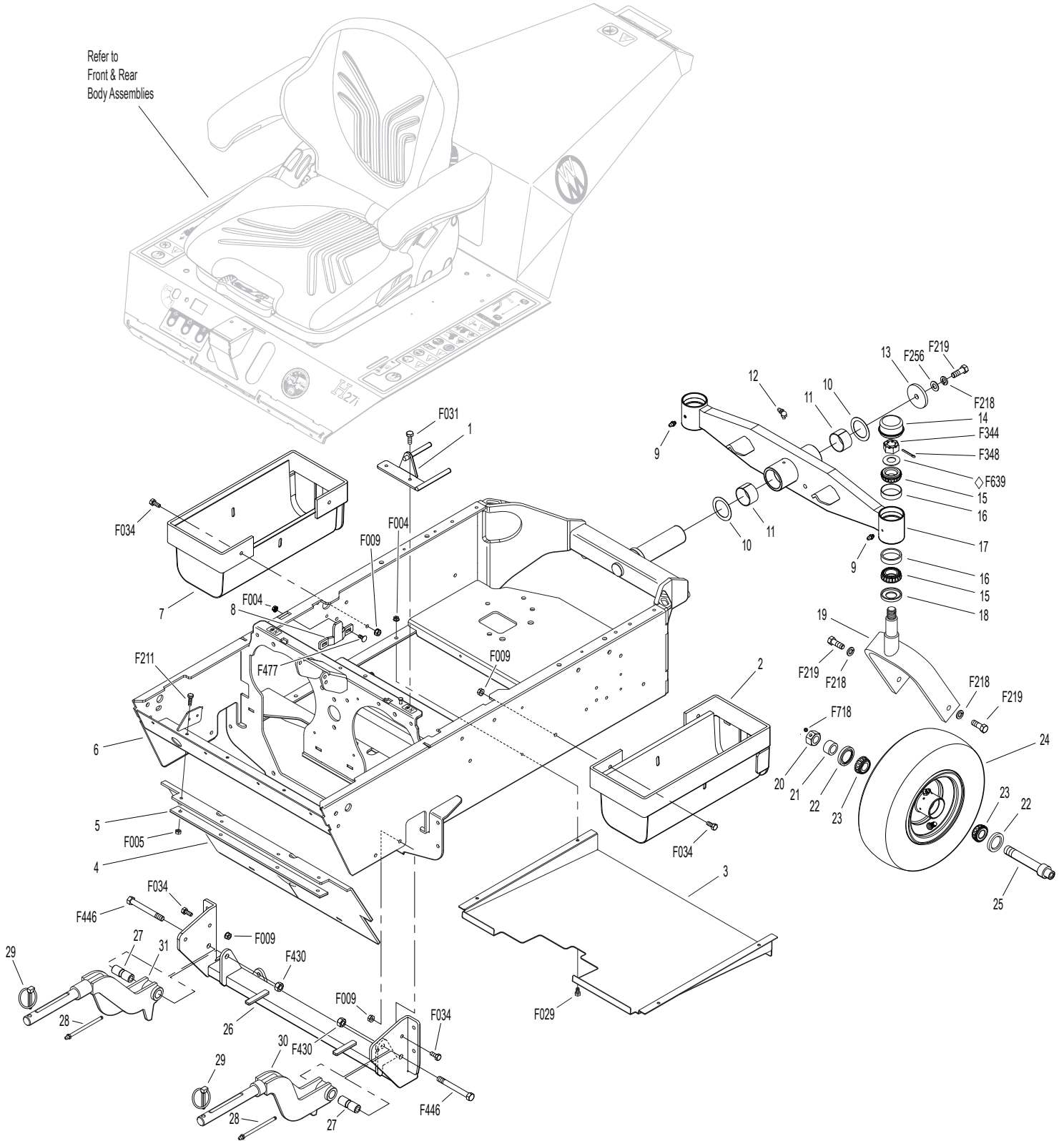


Model H27i Beginning S/N 190455
Use only genuine **Walker**® replacement parts.

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				
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		F211	1/4-20 x 7/8 Hex Bolt	4
16	8769-5	Bearing Cup (2 x 1-5/8)	4		F218	7/16 Split Lock Washer	5
17	2300-10	Tail Wheel Pivot (Includes Items # 9, 11, 12 & 16)	1		F219	7/16-14 x 1-1/4 Hex Bolt	5
18	8769-7	Seal	2		F256	7/16 SAE Washer	1
19	2770	Caster Wheel Fork	2		F344	3/4-16 Slotted Hex Nut	2
20	8039	Nut, Tail Wheel Axle	2		F348	1/8 x 1-1/2 Cotter Pin	2
21	8038-1	Spacer, Wheel Axle (.750 ID x 1.125 OD)	2		F430	7/16-20 ESNA Nut	2
22	8768-2	Seal, Reverse Lip	4		F446	7/16-20 x 3-1/2 Grd 8 Bolt	2
23	8037	Bearing Cone (3/4 ID)	4		F477	1/4-20 x 5/8 Carriage Bolt	2
24	8035-1	Wheel & Tire (13 x 4.50-6) (W/Bearing Race)	2		F639	Belleville Washer (1.5 x .755 x .072)	2
	8035-3	Tail Wheel Tire (13 x 4.5-6 Ply)	*		F718	5/16-18 x 5/16 Set Screw (Knurl Point)	2
25	7038	Wheel Axle (3/4 x 5-9/16)	2	* Service Part Only			

CHASSIS ASSEMBLY

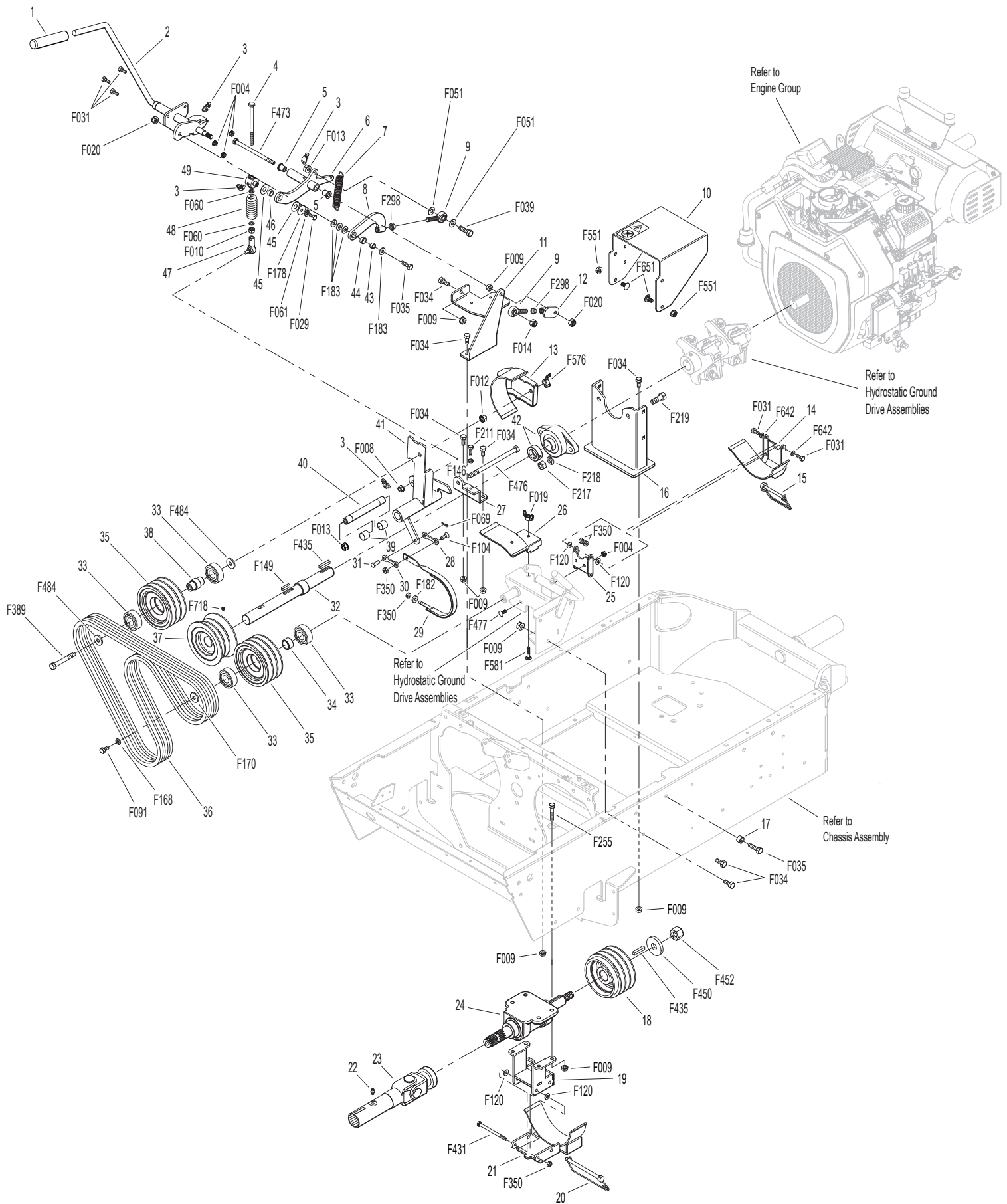


MAIN COMPONENT POWER TRANSMISSION

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	F178	1/4 x 1 Fender Washer		1
27	2358-7	Clutch / Pivot Stop	1	F182	1/4 x 5/8 x 1/8 Washer		1
28	4359-2	Brake Band Link, Rear	1	F183	.312 x .700 x .074 Washer		4
29	8304	Brake Band (14-1/2)	1	F211	1/4-20 x 7/8 Hex Bolt		1
30	4359-1	Brake Band Link, Front	1	F217	7/16-14 Hex Nut		2
31	7523-2	Clevis Pin W/Hole (1/4 x 5/8)	1	F218	7/16 Split Lock Washer		2
32	2410-2	Drive Shaft	1	F219	7/16-14 x 1-1/4 Hex Bolt		2
33	2265	Bearing (20mm)	4	F255	5/16-18 x 1-1/2 Hex Bolt		4
34	2406-7	Pivot Shaft Spacer	1	F298	3/8-24 Jam Nut		2
35	2236-1	Idler Pulley (4.5/AAA)	2	F350	1/4-20 LP Nylock		5
36	2230	Engine PTO Belt / Set (3)	1	F389	3/8-16 x 2-3/4 Hex Bolt		1
37	2236-6	Pulley (Includes Items # F149 & F718)	1	F431	1/4-20 x 3-1/2 Hex Bolt		1
38	2236-4	Idler Pulley Shaft	1	F435	1/4 x 1/4 x 1-1/4 Key		2
39	7201-3	Fiberglide Bearing	2	F450	Washer 5/8 x 1-3/4 x 1/4		1
40	7201-9	Inner Race (5.324)	1	F452	5/8-18 Nylon Locknut		1
41	2359-3	Clutch Idler Arm (Includes Items # 3 & 39)	1	F473	5/16-18 x 5 Hex Bolt		1
42	2349-6	Flanged Bearing	1	F476	3/8-16 x 6-1/2 Hex Bolt		1
43	2358-12	Fiberglide Bushing	1	F477	1/4-20 x 5/8 Carriage Bolt		1
44	7201-2	Fiberglide Bearing 1/2"	1	F484	Washer .380 ID x 1.0 OD x .120		2
45	7377	Plastic Washer (1 x .438 x .025)	2	F551	5/16-18 Flange Top Lock Nut		4
46	7378	Pivot Bearing (7/16 x 9/16)	1	F576	3/8-16 ESNA Wing Nut		1
47	5214-2	Ball Joint (5/16-24) (Nylon Lined)	1	F581	1/4-20 x 1-1/4" Carriage Bolt		1
48	7226	Compression Spring (3/4 x 2-1/2)	1	F642	1/4 x .042 Belleville Washer		2
49	7380	Knuckle Joint	1	F651	5/16-18 x 5/8 Carriage Bolt Grd 2		4
				F718	5/16-18 x 5/16 Set Screw (Knurl Point)		1

* Service Part Only

MAIN COMPONENT POWER TRANSMISSION

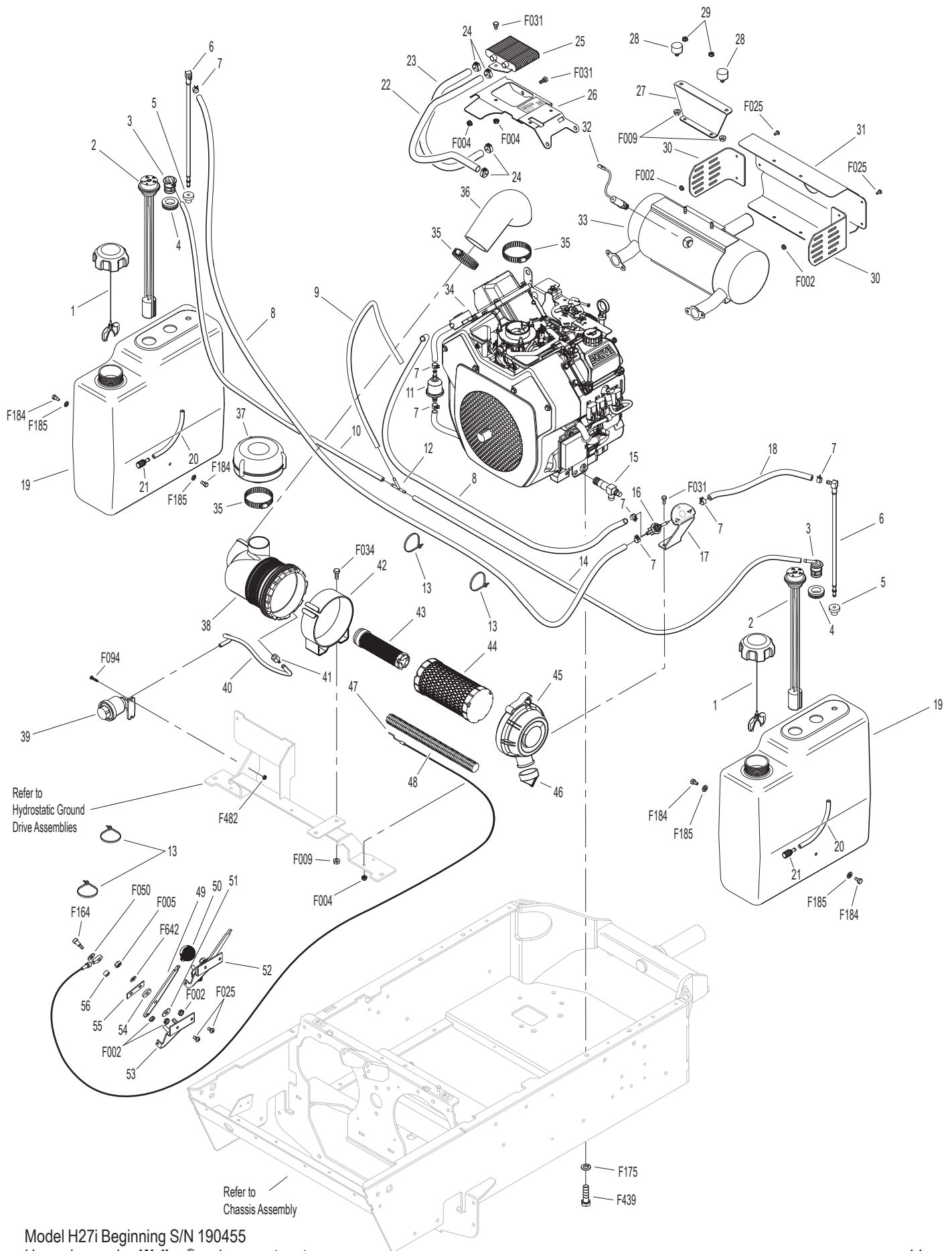


Model H27i Beginning S/N 190455
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ENGINE GROUP

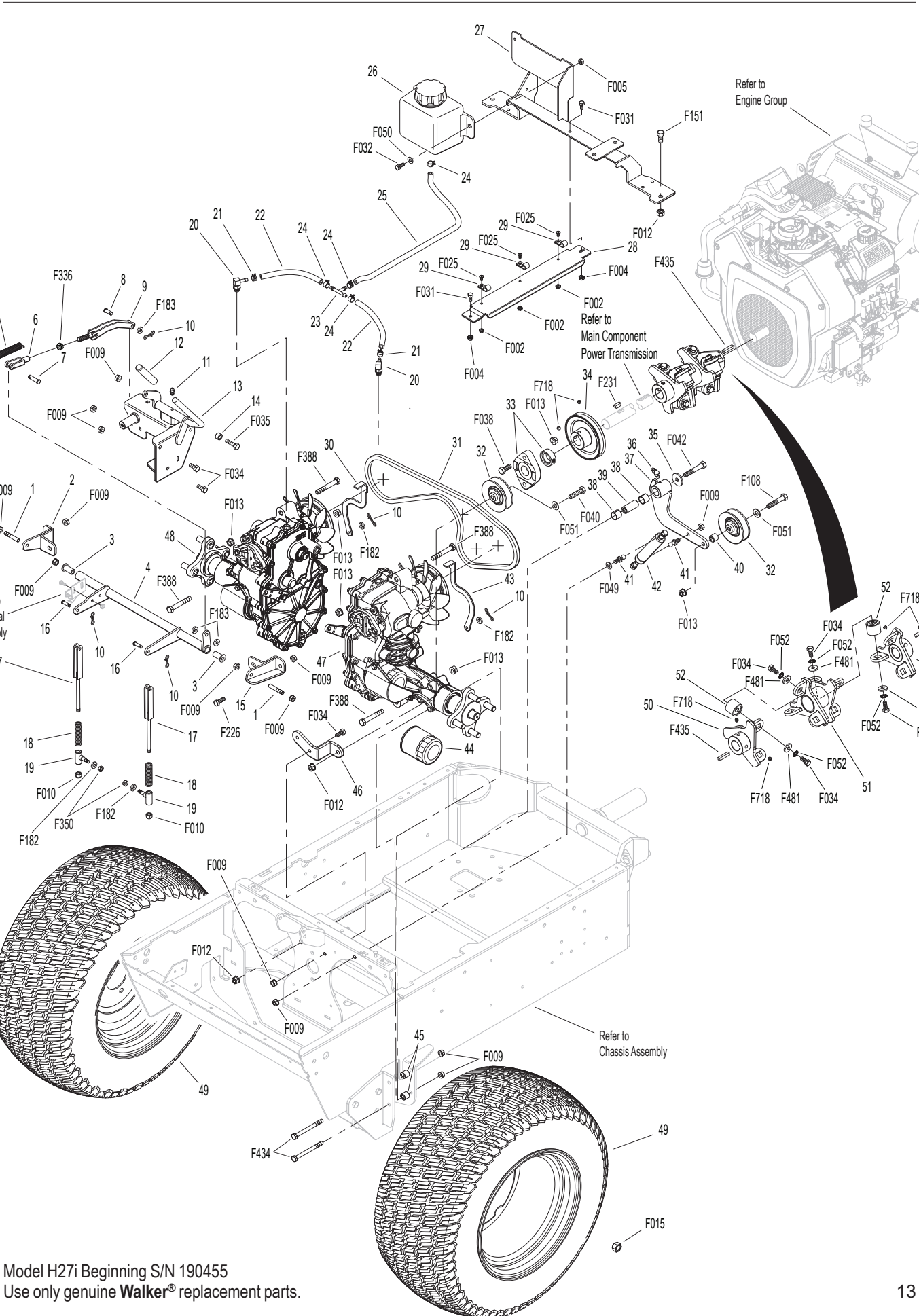
ITEM NO.	PART NO.	DESCRIPTION	NO. REQ'D	ITEM NO.	PART NO.	DESCRIPTION	NO. REQ'D
Fuel Tank Assembly				42	5088-3	Air Cleaner Band	1
1	5082-4	2-1/4 Ratchet Fuel Cap (EPA)	2	43	2090-3	Safety Filter Insert	1
2	8055-2	Fuel Tank Gauge	2	44	2090-1	Air Cleaner Cartridge	1
3	8043-8	Roll Over Valve	2	45	2088-2	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 & F642)	
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 # 47, 49-51, 53-56, F002, F005, F050, F164 & F642)	
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				

ENGINE GROUP



HYDROSTATIC GROUND DRIVE ASSEMBLIES

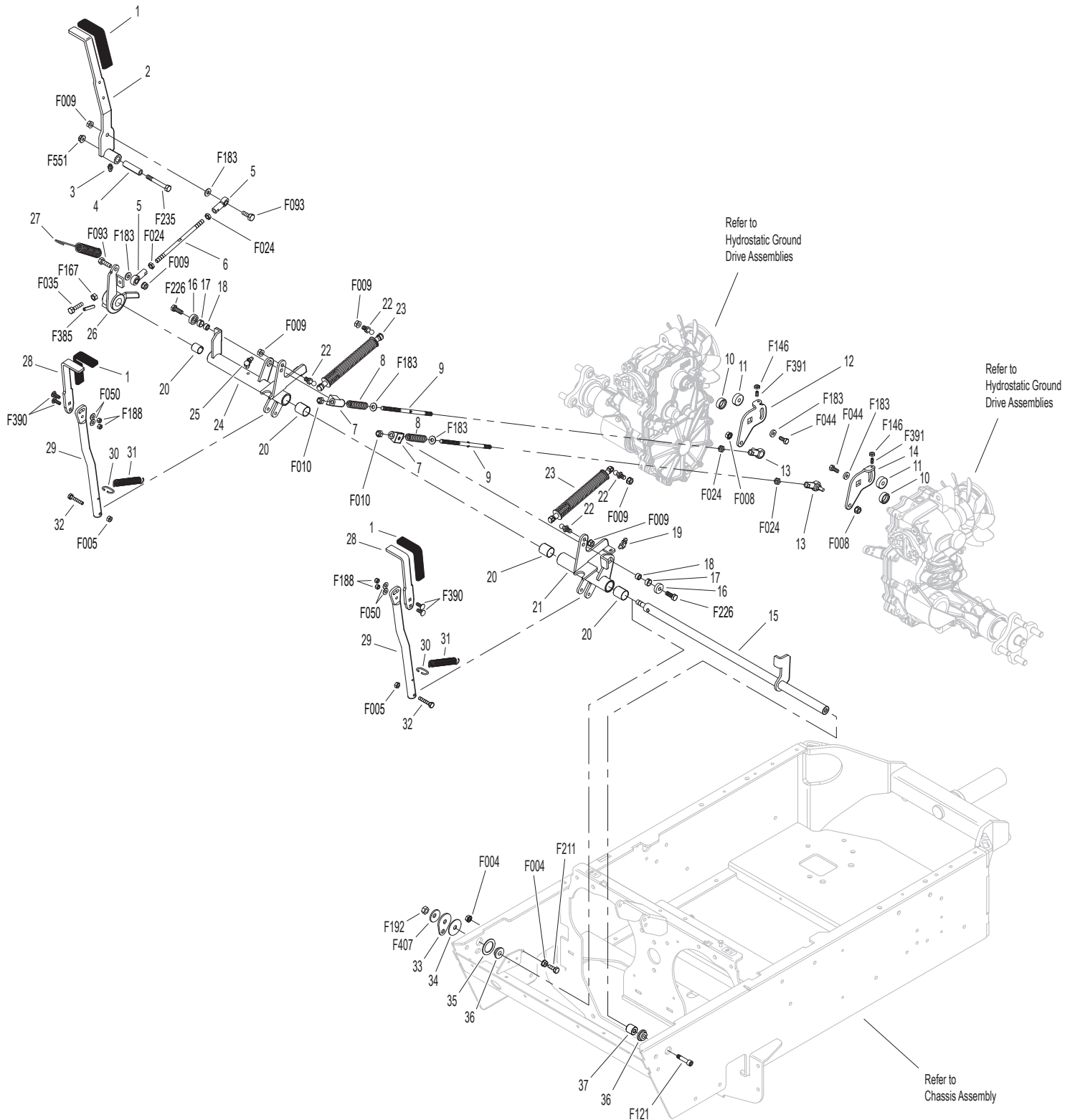
ITEM NO.	PART NO.	DESCRIPTION	NO. REQ'D	ITEM NO.	PART NO.	DESCRIPTION	NO. REQ'D
Parking Brake Assembly				46	2349-15	Idler Mount	1
1	2358-6	5/16-18 x 1-3/4 Stud	2	47	2025-41	Hydro-Gear ZT-3400, LH	1
2	2300-20	Parking Brake Hydro Mount, RH	1	48	2026-41	Hydro-Gear ZT-3400, RH	1
3	5103-2	Pivot Bushing (5/16 ID)	2	Wheel Assembly			
4	2406-3	Parking Brake Actuator Tube	1	49	2071-4	AT Wheel & Tire (23 x 10.50-12)	2
5	5222	Extension Spring (1/2 x 3-1/4)	1	PTO Coupler			
6	2280	Clevis (3/8)	1	50	2351-50	Flex Coupler Half (1" Bore) (Includes Items # F435 & F718)	2
7	2406-4	Clevis Pin (5/16 x 1-1/8)	1	51	2351-19	Inner Flex Coupler Half	1
8	8655-4	Clevis Pin (5/16 x 3/4)	1	52	2351-1	Rubber Iso Coupler	6
9	2406-14	Brake Actuator Pull	1	Fasteners			
10	4407-4	Bow Tie Cotter Pin	5	F002	10-24 Keps Nut		3
11	5830	Grease Fitting	1	F004	1/4-20 Keps Nut		2
12	7406-1	Handle Grip, Red	1	F005	1/4-20 ESNA Nut		2
13	2406-15	Parking Brake Lever / Idler Mount (Includes Items # 11 & 12)	1	F009	5/16-18 Whiz Locknut		17
14	2406-5	Spacer	1	F010	5/16-24 ESNA Nut		2
15	2300-1	Parking Brake Hydro Mount, LH	1	F012	3/8-16 Keps Nut		4
16	5281-5	Clevis Pin (1/4 x 0.80)	2	F013	3/8-16 Whiz Locknut		7
17	2406-10	Parking Brake Rod	2	F015	1/2-20 Wheel Lug Nut		8
18	5665-1	Compression Spring (2-1/2)	2	F025	10-24 x 3/8 PPHMS		3
19	5463	Steering Lever Actuator	2	F031	1/4-20 x 5/8 Hex Bolt		2
Transaxle Reservoir Assemblies				F032	1/4-20 x 3/4 Hex Bolt		2
20	2025-17	Straight Thread Hose Fitting	2	F034	5/16-18 x 3/4 Hex Bolt		16
21	5879-4	Hose Clamp (7/16)	2	F035	5/16-18 x 1-1/4 Hex Bolt		1
22	M111	Fuel Line (1/4 x 6-1/4")	2*	F038	3/8-16 x 1 Hex Bolt		2
23	8043-9	1/4 x 1/4 x 1/4 Tee	1	F040	3/8-16 x 1-1/2 Hex Bolt		1
24	5879-3	Hose Clamp (1/2)	4	F042	3/8-16 x 2-1/4 Hex Bolt		1
25	M111	Fuel Line (1/4 x 20-1/4")	1*	F049	5/16 SAE Washer		1
26	2024-1	Oil Expansion Reservoir (1 Qt.)	1	F050	1/4 SAE Washer		2
27	2025-24	Cross Member Bracket	1	F051	3/8 SAE Washer		2
28	2025-19	Hose Channel	1	F052	5/16 Ext. Star Lock Washer		12
29	5832	Cable Clamp (1/2)	3	F108	3/8-16 x 2 Hex Bolt		1
Ground Drive Assemblies				F151	3/8-16 x 7/8 Hex Bolt		2
30	2028-8	Lockout Arm, RH	1	F182	1/4 x 5/8 x 1/8 Washer		4
31	2248-1	Ground Drive Belt / Kevlar	1	F183	.312 x .700 x .074 Washer		3
32	4245	Idler Pulley (3/A)	2	F226	5/16-18 x 7/8 Hex Bolt		2
33	4349-12	Flange Bearing (1")	1	F231	1/4 x 3/4 Woodruff Key (#806)		1
34	2240-2	Drive Pulley (Includes Item # F718)	1	F336	3/8-16 Jam Nut		1
35	5841	Retainer Washer (3/8 x 1-1/4)	1	F350	1/4-20 LP Nylock		2
36	5830-3	Grease Fitting (45 Deg.)	1	F388	3/8-16 x 2-1/2 Hex Bolt		4
37	2349-14	Transmission Belt Tensioner (Includes Items # 36 & 38)	1	F434	5/16-18 x 3-1/2 Hex Bolt		4
38	7201-3	Fiberglide Bearing	2	F435	1/4 x 1/4 x 1-1/4 Key		2
39	7201-4	Inner Race (1-1/2)	1	F481	Washer 5/16 x 1 x .125		12
40	6325-3	Spacer Bushing (9/16)	1	F718	5/16-18 x 5/16 Set Screw (Knurl Point)		6
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				
44	2026-6	Hydro-Gear® Oil Filter (52114)	2				
45	9430-1	Spacer Tube	4				



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	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				

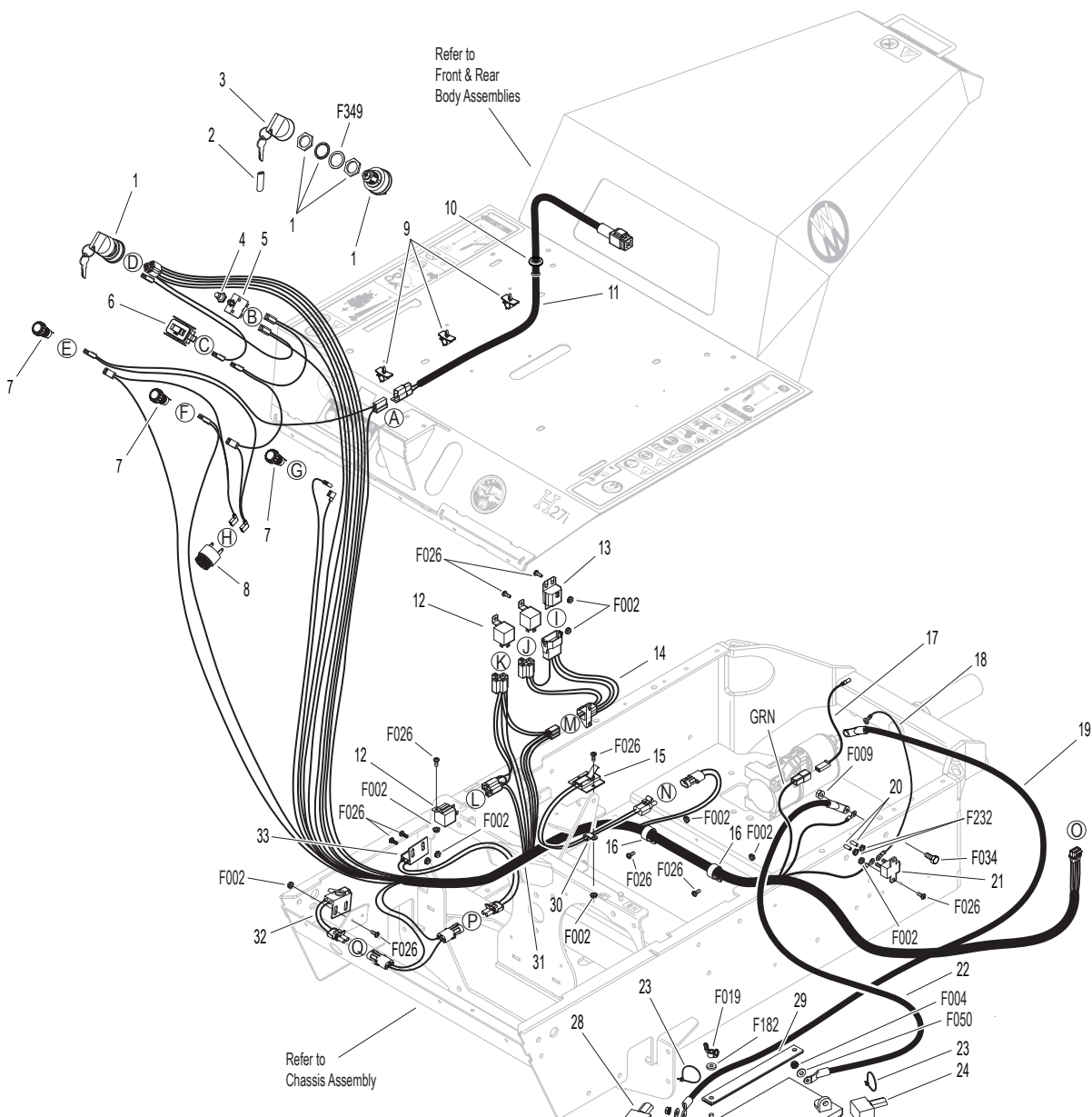
STEERING CONTROL ASSEMBLIES



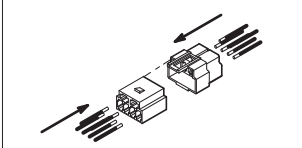
ELECTRICAL ASSEMBLY

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, Battery Charge (Alternator to Starter)	1	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

ELECTRICAL ASSEMBLY



END VIEWS ARE SHOWN FROM BACK OF PLUG



DETAIL A



P/N-7942-10

DETAIL B



P/N-7942-4

DETAIL C



P/N-7942-4

DETAIL D



P/N-7942-4

DETAIL E



P/N-7942-4

DETAIL F



P/N-7942-4

DETAIL G



P/N-7996-2

DETAIL H



P/N-7996-2

DETAIL I



P/N-NS

DETAIL J



P/N-7942-5

DETAIL K



P/N-7942-5

DETAIL L



P/N-7942-5

DETAIL M



P/N-8942-1

DETAIL N



P/N-7939-2

DETAIL O



P/N-NS

DETAIL P



P/N-7939-2

DETAIL Q



P/N-7939-2

Model H27i Beginning S/N 190455
Use only genuine **Walker®** replacement parts.

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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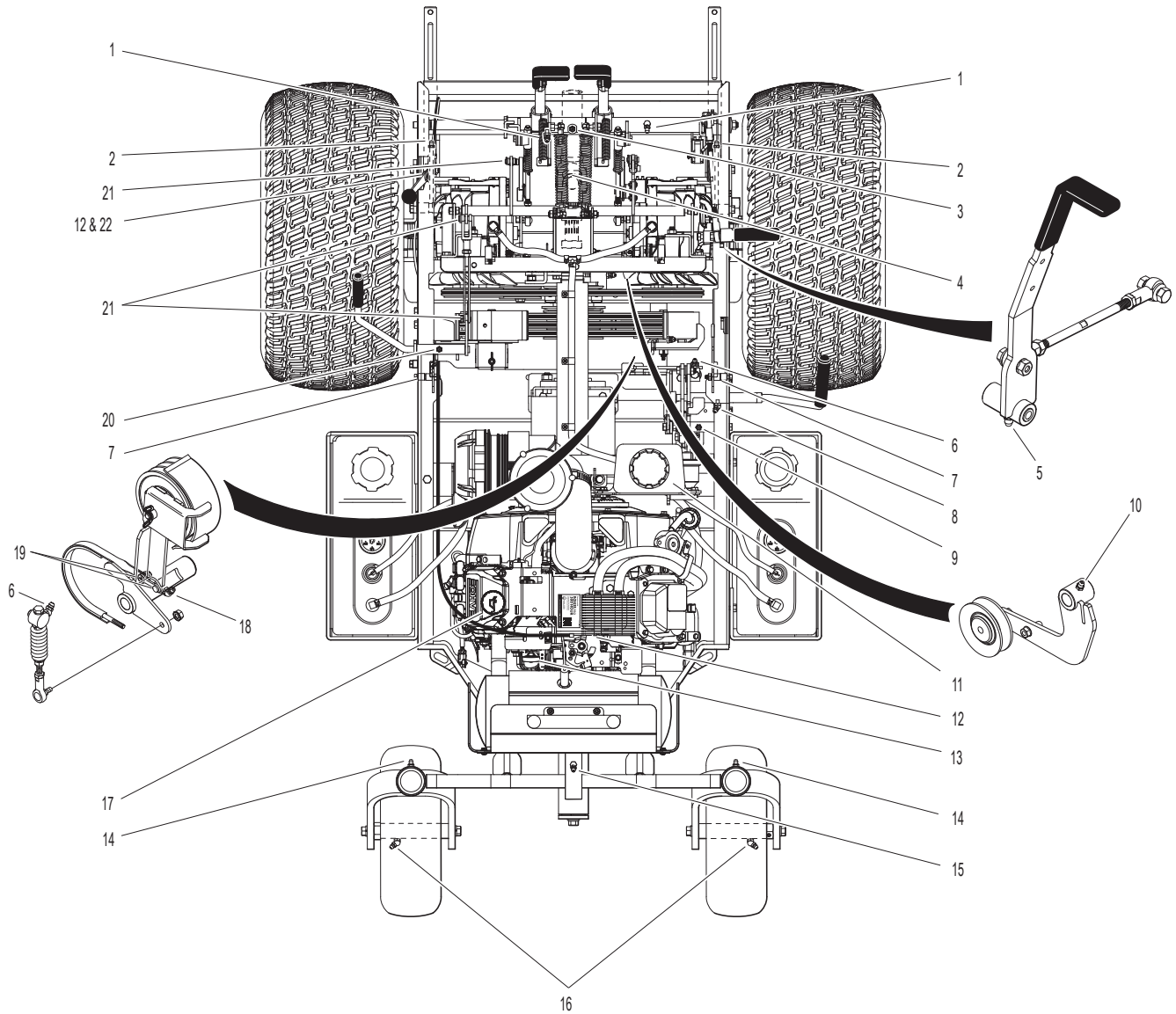
15	Rear Axle Pivot	Grease	1
16	Rear Wheel Bearing	Grease	2
17	Engine Oil Fill	Oil**	1
18	PTO Belt Tightener Idler Pivot	Grease	1
19	Brake Band Pivot Pins (Clevis)	Oil	2
20	Parking Brake Lever Pivot	Grease	1
21	Parking Brake Clevis	Oil	3
22	Throttle Control Pivot	Oil	1

* 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



CASTER WHEEL FORK INSTALLATION

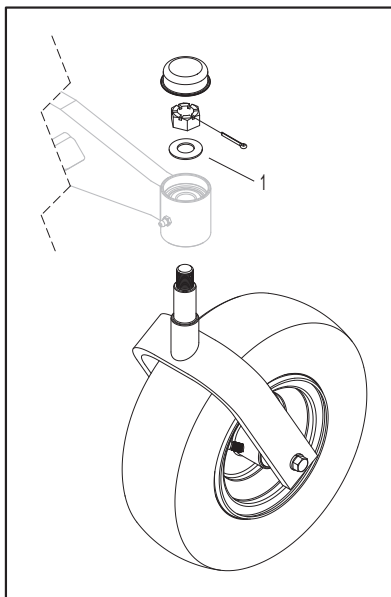
ITEM NO.	DESCRIPTION	ITEM NO.	DESCRIPTION
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Caster Wheel Fork Assembly

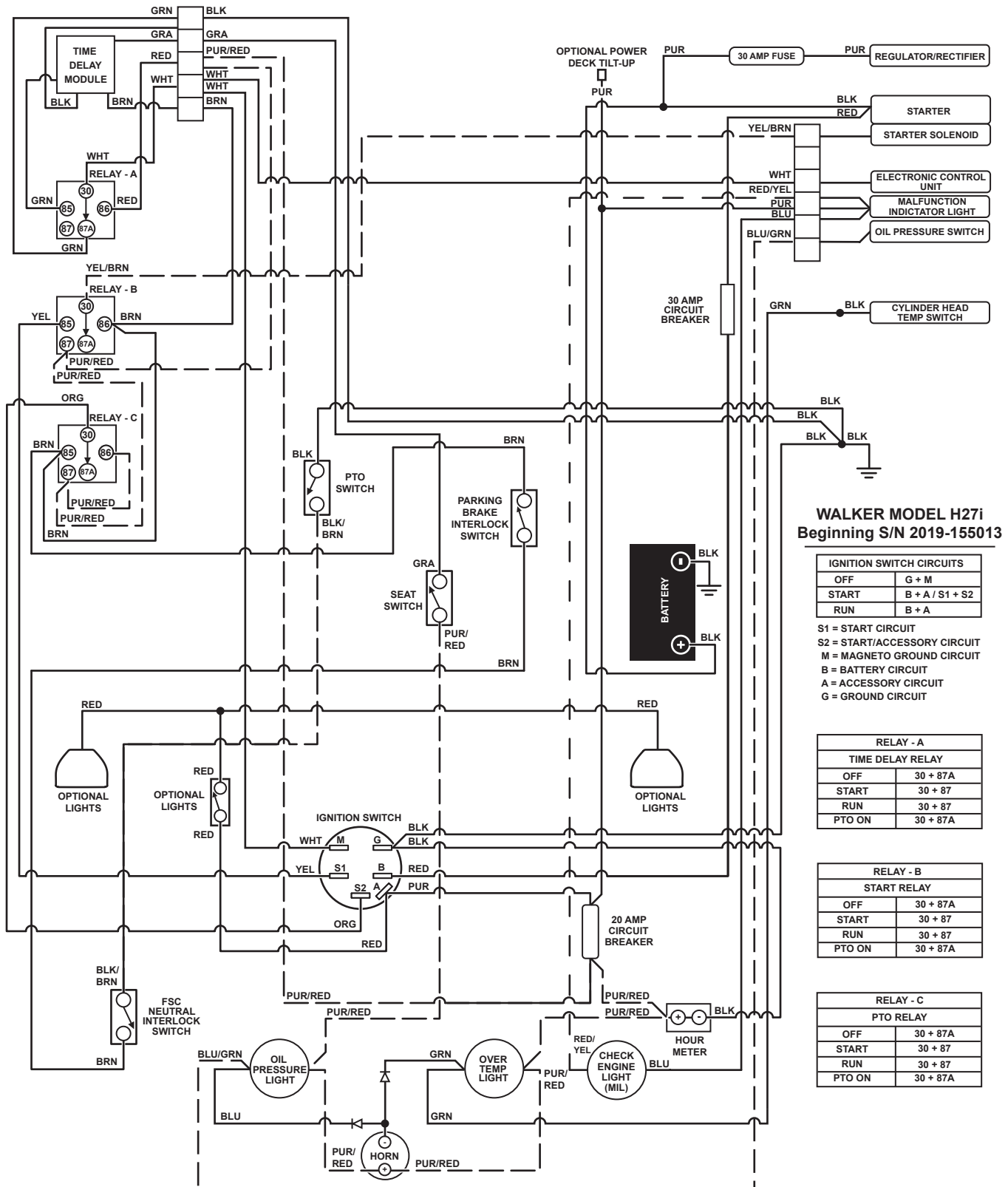
- 1 Installing the Caster Fork with a Belleville Washer:
 - a. Install the fork up into the bearing housing through the lower and upper tapered roller bearings. Rotate the fork as the seal is engaging onto the shaft to prevent the seal lip from rolling.
 - b. Place a Belleville washer onto the fork shaft 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



MAINTENANCE AND SERVICE RECORD SHEET

[illegible]

MAINTENANCE AND SERVICE RECORD SHEET

[illegible]

MAINTENANCE AND SERVICE RECORD SHEET

[illegible]

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:

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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