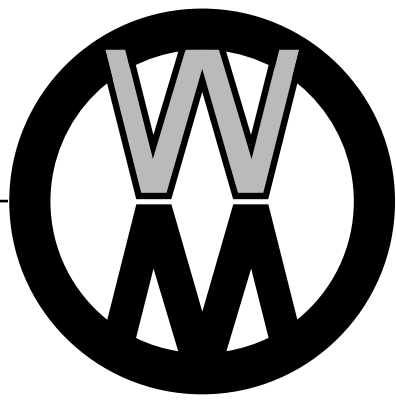




WALKER

Illustrated Parts Manual

B27i



Beginning S/N: 178742
P/N 4000-41

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).

Model B27i Beginning S/N 178742
Use only genuine **Walker®** replacement parts.

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	8600-48	RH Fender	Chassis, RH Side Near Seat	1
2	5800	Decal, Round (4")	Rear Body (one on each side)	2
	5800-9	Decal, Round (4-3/4")	Utility Bed (one on each side)	2
3	8600-49	LH Fender	Chassis, LH Side Near Seat	1
4	9804-1	Axle Lockout	Chassis	2
5	8821-29	Decal, B27i	Chassis, Front	1
6	5856-1	Made In USA	Chassis, Front	1

Danger Decals Warning Decals Caution Decals

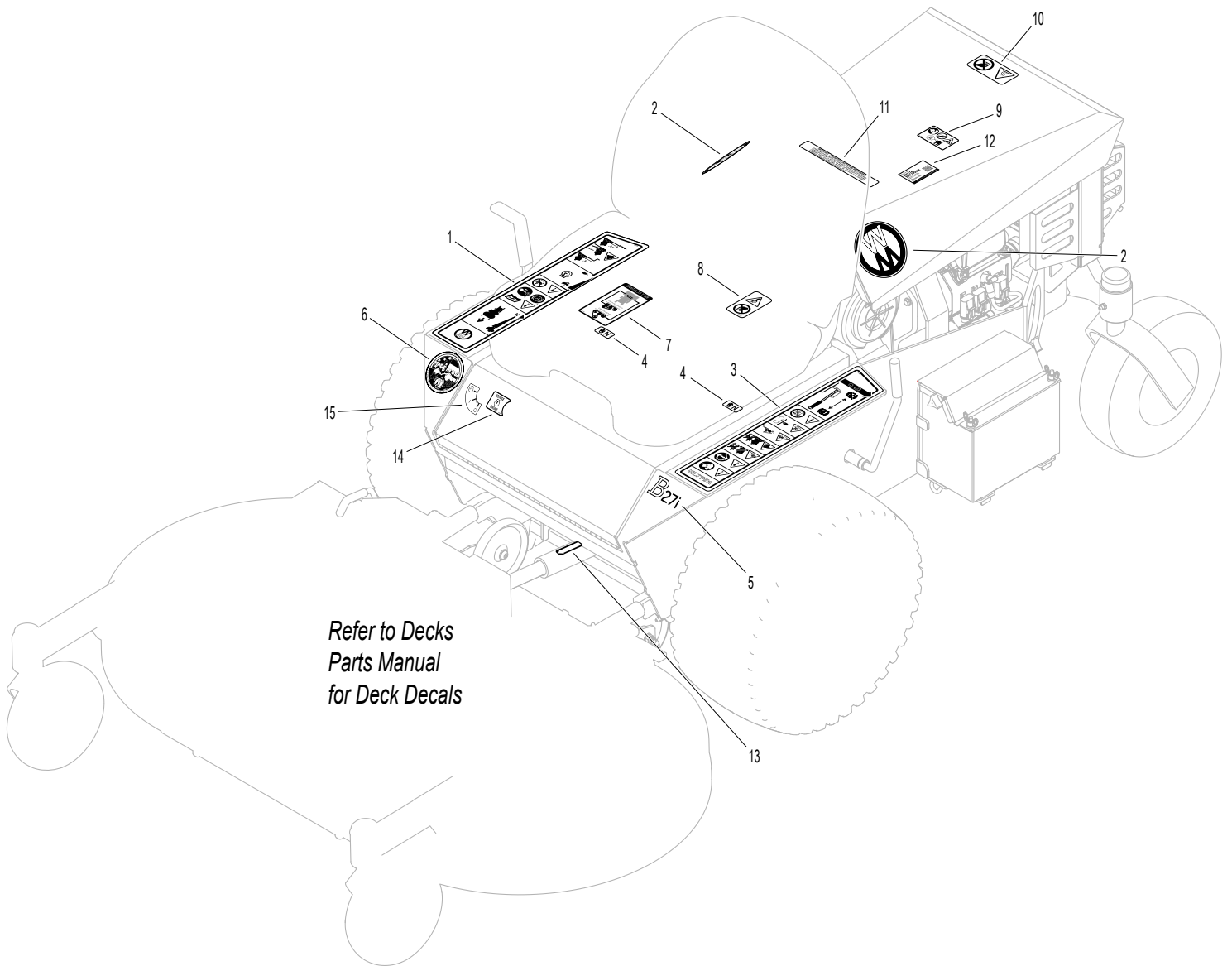
7	4107-13	Decal, Belt Routing	Front Body, Underside or Utility Bed, Underside	1
8	8600-2	Decal, Rotating Components	Air Cleaner Mount	1
9	8600-12	Danger, Engine Exhaust	Rear Body, Underside or Utility Bed, Underside	1
10	8600-5	Caution, Engine Exhaust	Rear Body or Utility Bed	1

Maintenance Decals

11	5855	Important, Engine Cooling	Body Support	1
12	6895-103	Kohler 300 Hour Oil	Oil Cooler / Regulator Mount	1
13	6875	PTO Alignment Arrow	Universal Joint Tube Assembly	1
14	5802-4	Engine Service Light	Front Body	1
15	8600-54	Decal, Ignition Switch	Front Body	1

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

TRACTOR DECALS



BODY / CHASSIS ASSEMBLY

ITEM NO.	PART NO.	DESCRIPTION	NO. REQ'D	ITEM NO.	PART NO.	DESCRIPTION	NO. REQ'D
Seat Assembly				Deck Support Arm & Hitch Assemblies			
1	6104-31	Comfort Seat	1	35	4301-11	Deck Arm Support Mount	1
2	7440-5	Shock Mount (1-1/4 x 3/4)	4	36	6840-3	Support Arm Bushing (2-1/16)	2
Body Assembly				37	5830-1	5/16-24 4" Grease Fitting	2
3	4100-9	Front Body	1	38	5775-2	Hitch Pin (#6)	2
4	4100-7	Spacer (1/4 x 3/8 x 3/4)	2	39	4431-2	Deck Support Arm, LH (Includes Item # 37)	1
5	5146	10mm Ball Stud	2	40	4430-2	Deck Support Arm, RH (Includes Item # 37)	1
6	4145-2	Gas Spring Assembly (Includes Item # 5)	1	Tilt-Up Latch Assembly**			
7	5180	Edge Molding / Lever Opening	2	41	5847	Plastic Tip	1
8	4504-2	Hinge (17")	1	42	5744-20	Spring Arm, Tilt-Up Latch	1
Body Latch Assembly				43	5744-10	Spring Pivot Bushing	1
9	7222	Extension Spring (1/4 x 3)	1	44	5744-15	Compression Spring (3/8 x 5/8)	1
10	7383-12	Body Latch Hook, RH	1	45	5744-13	Mount Angle, LH	1
11	7383-9	Body Latch Trigger	1	46	5744-12	Hook, Tilt-Up Latch	1
12	7383-13	Body Latch Hook, LH	1	47	5744-14	Mount Angle, RH	1
13	5854	Plastic Tip	1	Fasteners			
Chassis Assembly				F004	1/4-20 Keps Nut		13
14	5845	Rubber Bumper (1.50 x 1.25)	2	F005	1/4-20 ESNA Nut		6
15	4910-7	Battery Mount	1	F009	5/16-18 Whiz Locknut		18
16	4301-13	Debris Shield (Includes Items # F004 & F029)	1	F013	3/8-16 Whiz Locknut		2
17	4215-10	Shock Mount / Body Lift Arm	1	F020	5/16-18 ESNA Nut		1
18	4305-1	Chassis Frame	1	F029	1/4-20 x 1/2 Hex Bolt		6
19	2046	Gas Tank Mount	1	F034	5/16-18 x 3/4 Hex Bolt		10
Spread Tail Wheel Assembly				F093	5/16-18 x 1 Hex Bolt		1
20	4401-4	Washer (1-3/4 x 3/8 x 1/4 Thk)	1	F116	1/4-20 x 1-1/4 Hex Bolt		2
21	4301-2	Fiberglide Thrust Washer	2	F172	1/4-20 x 3/4 Carriage Bolt		2
22	4301-3	Fiberglide Bearing	2	F182	1/4 x 5/8 x 1/8 Washer		2
23	4301-12	Tail Wheel Pivot (Includes Items # 22, 23 & 25)	1	F183	.312 x .700 x .074 Washer		2
24	5830	Grease Fitting	2	F200	7/16-20 x 3 Grade 8 Bolt		2
25	5830-4	Grease Fitting (90 Deg.)	1	F211	1/4-20 x 7/8 Hex Bolt		2
26	8769-8	Dust Cap, Deck Caster	2	F246	1/4-20 x 1/2 PTHMS		7
27	8769-6	Bearing Cone (1" ID)	4	F341	Coil Roll Pin (7/64 x 9/16)		1
28	8769-5	Bearing Cup (2 x 1-5/8)	4	F342	5/16 Conical Washer		2
29	8769-7	Seal	2	F344	3/4-16 Slotted Hex Nut		2
30	8765-14	Caster Wheel Fork	2	F348	1/8 x 1-1/2 Cotter Pin		2
31	8769-13	Bearing Cup (7/16 ID)	4	F388	3/8-16 x 2-1/2 Hex Bolt		2
32	5037-1	Bearing, Tail Wheel	4	F430	7/16-20 ESNA Nut		2
33	5038-3	Axle Spacer Tube (4.995) (.4375 ID)	2	F591	7/16-14 Flange Top Lock Nut		2
34	8768-10	Caster Wheel, Pneumatic (11 x 4-5 PR, BB) (Includes Items # 31-33 & F634)	2	F631	3/8-16 x 1 Button Head Cap Screw		1
	8768-8	Tire, Pneumatic (11 x 4-5 6-Ply)	*	F633	7/16-14 x 6-1/2 Hex Bolt		2
				F634	Washer .835 x .438 x .080		4
				F639	Belleville Washer (1.5 x .755 x .072)		2
				* Service Part Only			
				** Complete Tilt-Up Latch Assembly Kit available by ordering kit #5747.			

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REAR BODY ASSEMBLY

ITEM NO.	PART NO.	DESCRIPTION	NO. REQ'D	ITEM NO.	PART NO.	DESCRIPTION	NO. REQ'D
Utility Bed Option				Fasteners			
1	8650-13	Bed Liner (19-1/4 x 22)	1	F004	1/4-20 Keps Nut		10
2	4650-2	Utility Bed (Includes Items # 1 & 3)	1*	F009	5/16-18 Whiz Locknut		11
3	M112	Edge Molding (17-5/8")	1	F029	1/4-20 x 1/2 Hex Bolt		10
Rear Body Assembly				F034	5/16-18 x 3/4 Hex Bolt		7
4	4105-7	Rear Body	1*	F093	5/16-18 x 1 Hex Bolt		2
5	5145-4	Gas Spring Assembly	1	F226	5/16-18 x 7/8 Hex Bolt		2
6	4013-6	Muffler Guard	1	F504	1/4-20 Whiz Locknut		2
7	5146	10mm Ball Stud	2	F551	5/16-18 Flange Top Lock Nut		4
8	4013-9	Body Pivot Plate	2	F582	Washer 5/16 x 7/8 x .125		4
9	4013-7	Muffler Guard, LH	1	F643	1/4-20 x 3/4 Carriage Bolt Flat Head		2
10	4013-8	Muffler Guard, RH	1	F645	5/16-18 x 1-1/8 Hex Bolt		2
11	7844	Rubber Bumper (1.25 x .250)	2	* Tractors with serial numbers 158815-163877 have an early style of rear body/utility bed and rear body cross brace that is incompatible with the current components. If replacing the rear body or utility bed for these tractors, a new rear body brace (P/N 4104-14) must also be ordered.			
12	4104-12	Body Support	1				
13	4104-11	Rear Body Support	1				
14	4104-14	Rear Body Cross Brace	1				
15	4104-13	Body Support Brace	1				

This diagram illustrates the assembly of a vehicle body, showing the relationship between various components and their fasteners. The components are numbered 1 through 15, and the fasteners are labeled with part numbers such as F645, F582, F226, F551, F009, F034, F029, F004, F643, F504, F551, F582, F009, F034, and F093.

The assembly process is shown in several stages:

- Component 1:** The main body panel, which is attached to the chassis using fasteners F645 and F582.
- Component 2:** The front panel, which is attached to the main body using fasteners F582 and F645.
- Component 3:** The front panel, which is attached to the main body using fasteners F582 and F645.
- Component 4:** The front panel, which is attached to the main body using fasteners F226 and F551.
- Component 5:** The front panel, which is attached to the main body using fasteners F582 and F551.
- Component 6:** The front panel, which is attached to the main body using fasteners F029 and F004.
- Component 7:** The front panel, which is attached to the main body using fasteners F582 and F551.
- Component 8:** The front panel, which is attached to the main body using fasteners F582 and F551.
- Component 9:** The front panel, which is attached to the main body using fasteners F029 and F004.
- Component 10:** The front panel, which is attached to the main body using fasteners F029 and F004.
- Component 11:** The front panel, which is attached to the main body using fasteners F009 and F034.
- Component 12:** The front panel, which is attached to the main body using fasteners F009 and F034.
- Component 13:** The front panel, which is attached to the main body using fasteners F009 and F034.
- Component 14:** The front panel, which is attached to the main body using fasteners F009 and F034.
- Component 15:** The front panel, which is attached to the main body using fasteners F009 and F034.

The diagram also shows the assembly of the front panel (Component 1) to the chassis using fasteners F093 and F034. The text "Refer to Body / Chassis Assembly" is located at the bottom of the diagram.

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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	4230-3	PTO Drive Belt	1	F009	5/16-18 Whiz Locknut		10
2	5247-2	V-Groove Idler (4")	2	F013	3/8-16 Whiz Locknut		5
3	6325-2	Spacer Bushing (5/16)	1	F032	1/4-20 x 3/4 Hex Bolt		2
4	7201-3	Fiberglide Bearing	2	F034	5/16-18 x 3/4 Hex Bolt		6
5	7201-7	Inner Race (2-5/8)	1	F035	5/16-18 x 1-1/4 Hex Bolt		2
6	4325-16	Idler Mount, RH	1	F040	3/8-16 x 1-1/2 Hex Bolt		1
7	4325-17	Idler Pivot	1	F041	3/8-16 x 1-3/4 Hex Bolt		1
8	5146	10mm Ball Stud	2	F046	3/8-16 x 3-1/2 Hex Bolt		1
9	2215-6	Pressure Dampener	1	F051	3/8 SAE Washer		2
10	4410-18	Dampener Mount	1	F093	5/16-18 x 1 Hex Bolt		2
11	4325-15	Idler Mount, LH	1	F153	3/16 x 3/16 x 1-1/4 Key		1
12	4411-6	Drive Shaft Collar	1	F449	Washer 1/2 x 1-5/8 x 1/4		1
13	5830-3	Grease Fitting (45 Deg.)	1	F451	1/2-20 Nylon Locknut		1
14	4411-7	Drive Shaft	1	F472	1-14 LH Hex Nut		1
15	4410-17	Clutch Stop	1	F551	5/16-18 Flange Top Lock Nut		1
16	4410-15	Clutch	1	F569	1/4-20 Flange Top Lock Nut		2
17	4410-9	Washer 1 x 1-5/8 x 1/4	1	F647	5/16-18 x 2.0625 Hex Bolt GR 8		1
18	5830	Grease Fitting	1				
19	7275-16	Universal Joint Tube Assembly / Spline	1				
20	4274-12	PTO Drive Shaft Assembly / Spline	1				
21	4236-5	PTO Drive Pulley	1				

This diagram illustrates the assembly of a hydrostatic drive system. The components are shown in an exploded view, with dashed lines indicating their relative positions and assembly paths. The main components include:

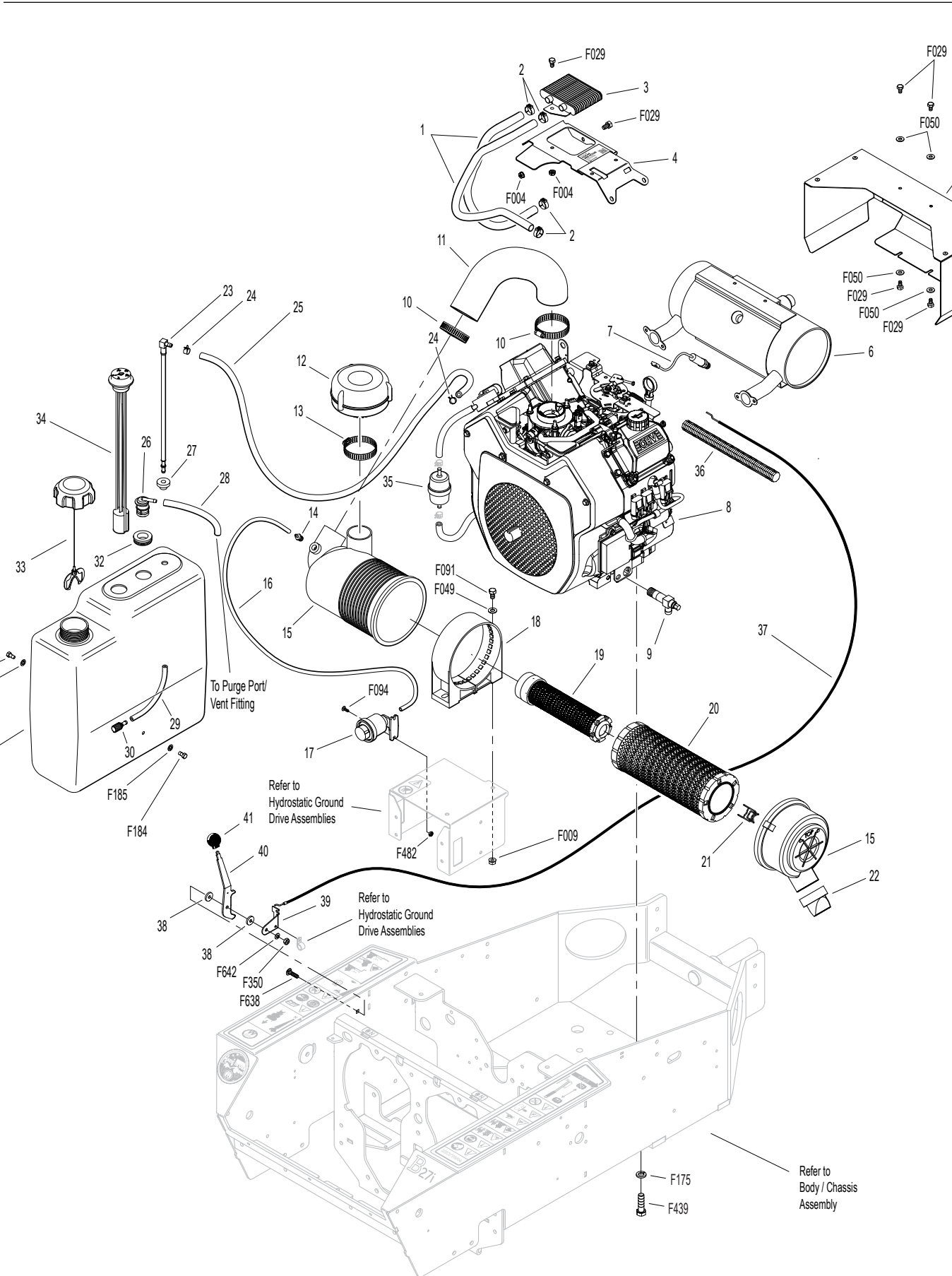
- Engine Group:** The power source at the top right, labeled "Refer to Engine Group".
- Hydrostatic Ground Drive Assemblies:** Two units, labeled "Refer to Hydrostatic Ground Drive Assemblies", which connect the engine to the drive shaft.
- Drive Shaft Assembly:** A central shaft (13) with various couplings (F013, F046, F009, F034, F009, F013, F034, F009) and a pulley (21) at the rear.
- Body / Chassis Assembly:** The main frame of the machine, labeled "Refer to Body / Chassis Assembly", which houses the drive components.
- Hydrostatic Pump and Motor:** A pump (14) and a motor (15) are shown, with the pump connected to the drive shaft via a coupling (F032) and the motor connected to the chassis via a coupling (F035).
- Other Components:** Various other parts are labeled with numbers (1-21) and part numbers (F041, F051, F040, F051, F472, F569, F032, F093, F035, F013, F034, F153, F449, F451, F009).

The diagram is a technical drawing showing the exploded view of a hydrostatic drive system. It includes the engine, pump, drive shaft, and axle assembly. Various components are labeled with numbers and part numbers. The diagram is a technical drawing showing the exploded view of a hydrostatic drive system. It includes the engine, pump, drive shaft, and axle assembly. Various components are labeled with numbers and part numbers.

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ENGINE GROUP

ITEM NO.	PART NO.	DESCRIPTION	NO. REQ'D	ITEM NO.	PART NO.	DESCRIPTION	NO. REQ'D
Remote Oil Cooler Assembly				Throttle Assembly			
1	NS	Oil Cooler Hose	2**	36	8123-3	Insultherm (3/8 x 10)	1
2	NS	Clamp	4**	37	5108-24	Throttle Cable (56")	1
3	NS	Oil Cooler	1**	38	5108-10	Friction Washer (.125)	2
4	8016-8	Oil Cooler / Regulator Mount	1	39	5108-21	Control Bracket	1
Engine Assembly				40	5108-20	Control Lever, Throttle	1
5	4013-14	Muffler Heat Shield	1	41	5108-5	Throttle Control Knob, Red	1
6	NS	Muffler	1	Fasteners			
7	NS	Sensor, Oxygen (Kohler)	1	F004	1/4-20 Keps Nut		2
8	NS	27 HP Engine, EFI (Kohler)	1	F009	5/16-18 Whiz Locknut		2
9	4010-1	Drain Valve 3/8-18 NPTF	1	F029	1/4-20 x 1/2 Hex Bolt		6
Precleaner Assembly				F049	5/16 SAE Washer		2
10	6029	Hose Clamp (1-13/16 to 2-3/4)	2	F050	1/4 SAE Washer		4
11	6087-8	Air Intake Hose	1	F091	5/16-18 x 5/8 Hex Bolt		2
12	7026-4	Remote Precleaner	1	F094	8-32 x 1/2 PTHMS		2
13	7840	Hose Clamp (1-5/16 to 2-1/4)	1	F175	1/2 Split Lock Washer		4
14	5091-0	1/8 Pipe Thread Male W/Barb	1	F184	1/4-20 x 1/2 Hex Bolt, SS		2
15	4090-1	Air Cleaner Assembly (Includes Items # 19-22)	1	F185	1/4 Internal Star Lock Washer, SS		2
16	M258	Vacuum Hose (13")	1*	F350	1/4-20 LP Nylock		1
17	5091-19	Air Flow Indicator W/Bracket (Vacuum 15" H2O)	1	F439	1/2-13 x 1-3/4 Hex Bolt		4
18	5088-4	Air Cleaner Band	1	F482	8-32 Nylock Nut		2
19	5090-7	Safety Filter Insert	1	F638	1/4-20 x 1 Carriage Bolt		1
20	5090-8	Air Cleaner Cartridge	1	F642	1/4 x .042 Belleville Washer		1
21	5088-5	Air Cleaner Draw Latch	2	* Required hose specifications:			
22	5090-2	Vacuator Valve	1	M113 - 3/16" ID fuel/oil/vapor hose (Gates 4219-0093 or equivalent)			
Fuel Tank Assembly				M246 - 1/4" ID low permeation (<15g/m ² /day) fuel hose (Parker 38904 or equivalent)			
23	5083-8	Tank Tube (13")	1	M258 - 7/64" ID automotive vacuum hose			
24	5879-3	Hose Clamp (1/2)	2	** Use the engine model and spec number from Kohler to order this item.			
25	M246	Fuel Line (1/4 x 7-1/2")	1*				
26	8043-8	Roll Over Valve	1				
27	5083-1	Bushing, Rubber (Fits 5083)	1				
28	M113	Fuel Line (3/16 x 6-1/2")	1*				
29	5086-7	Hose (1/4 x 6)	1				
30	5020-2	Fuel Filter, In Tank	1				
31	8055-1	Fuel Tank, 4.7 Gallon (Black) (Includes Items # 23, 26, 27, 29, 30, 32 & 34)	1				
32	5977-7	Roll Over Grommet (.900 x 1-1/2)	1				
33	5082-4	2-1/4 Ratchet Fuel Cap (EPA)	1				
34	8055-2	Fuel Tank Gauge	1				
35	5020-3	Fuel Filter, EFI (9-12 Micron)	1				

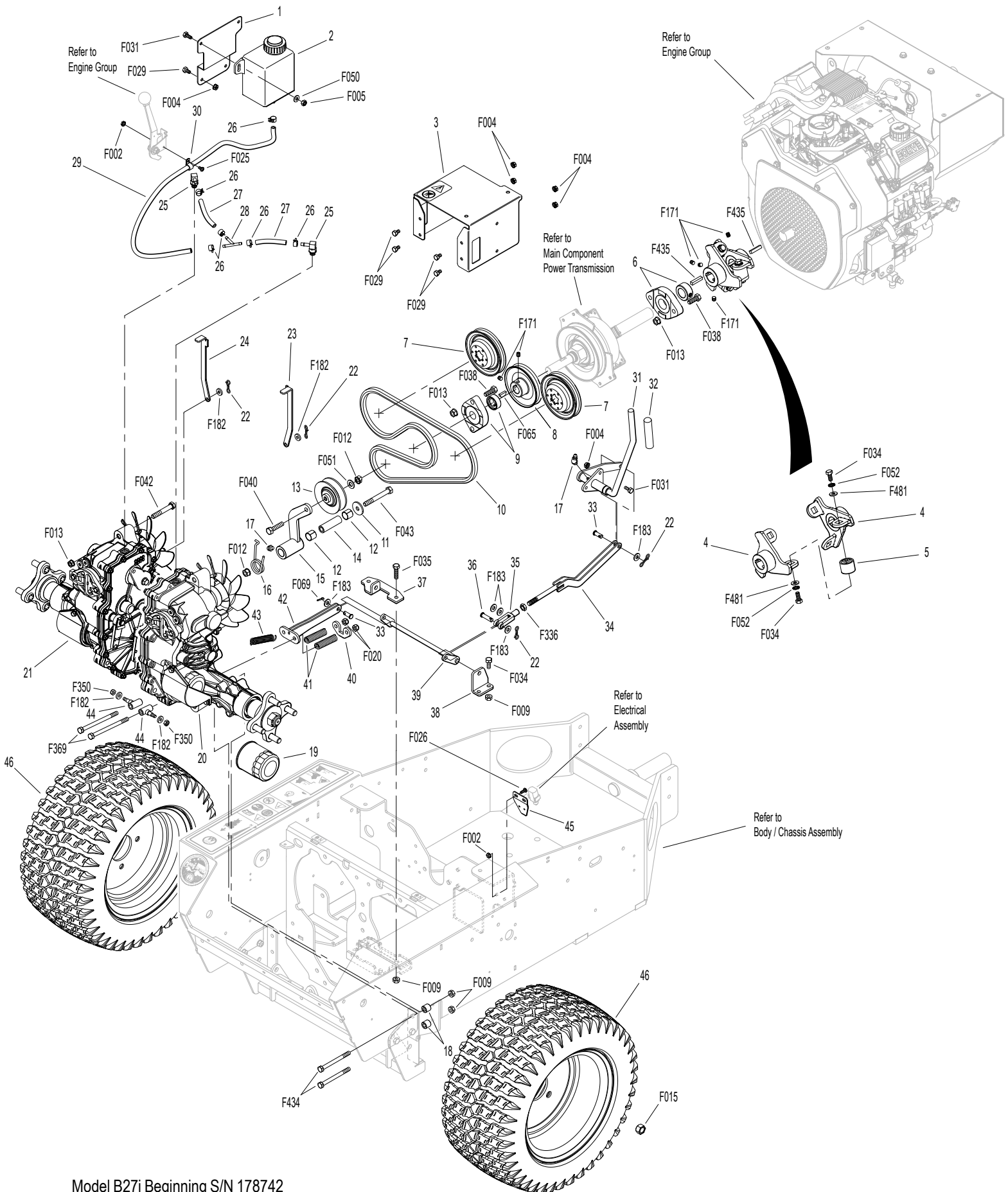


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HYDROSTATIC GROUND DRIVE ASSEMBLIES

ITEM NO.	PART NO.	DESCRIPTION	NO. REQ'D	ITEM NO.	PART NO.	DESCRIPTION	NO. REQ'D
Ground Drive Assemblies				Wheel Assembly			
1	4023-1	Oil Expansion Reservoir Mount	1	46	5075-3	LP Wheel & Tire Assembly (18 x 8.50-10)	2
2	4023	Oil Expansion Reservoir	1		5075-2	LP Tire (18 x 8.50-10)	*
3	4010-17	Air Cleaner Mount	1		5075-5	LP Wheel (10 x 7)	*
4	2351-50	Flex Coupler Half (Includes Items # F171 & F435)	2		8075-4	LP Wheel & Tire (18 x 10.50-10)	***
					8075-6	LP Tire (18 x 10.50-10)	*
5	2351-1	Rubber Iso Coupler	3		8070-12	AT Wheel & Tire RH/LH (18 x 11.00-10)	***
6	4349-12	Flanged Bearing (1")	1		8070-13	AT Tire RH/LH (18 x 11.00-10)	*
7	4026-9	Pulley (53804)	2		8070-11	AT/LP Wheel (10 x 8.5)	*
8	4240-1	Drive Pulley (Includes Items # F065 & F171)	1		5076	BT Wheel & Tire Assembly (20 x 10.00-10)	***Δ
					5076-4	BT Tire (20 x 10.00-10)	*Δ
9	6349-2	Flanged Bearing (3/4")	1		5076-2	BT Wheel (10 x 7.00)	*Δ
10	4230-2	Ground Drive Belt	1	Fasteners			
11	5841	Retainer Washer (3/8 x 1-1/4)	1		F002	10-24 Keps Nut	3
12	7201-3	Fiberglide Bearing	2		F004	1/4-20 Keps Nut	9
13	4245	Idler Pulley (3/A)	1		F005	1/4-20 ESNA Nut	2
14	7201-5	Inner Race (2-1/4)	1		F009	5/16-18 Whiz Locknut	8
15	4325-13	Idler Arm (Includes Items # 12 & 17)	1		F012	3/8-16 Keps Nut	2
16	7364-2	Torsion Spring	1		F013	3/8-16 Whiz Locknut	6
17	5830-3	Grease Fitting (45 Deg.)	2		F015	1/2-20 Wheel Lug Nut	8
18	9430-1	Spacer Tube	4		F020	5/16-18 ESNA Nut	2
19	2026-6	Hydro-Gear® Oil Filter (52114)	2		F025	10-24 x 3/8 PPHMS	1
20	4025-35	Hydro-Gear ZT3100, LH	1		F026	10-24 x 1/2 PPHMS	2
21	4026-35	Hydro-Gear ZT3100, RH	1		F029	1/4-20 x 1/2 Hex Bolt	6
22	4407-4	Bow Tie Cotter Pin	4		F031	1/4-20 x 5/8 Hex Bolt	5
23	2028-5	Lockout Arm, LH	1		F034	5/16-18 x 3/4 Hex Bolt	8
24	2028-6	Lockout Arm, RH	1		F035	5/16-18 x 1-1/4 Hex Bolt	2
25	2025-17	Straight Thread Hose Fitting	2		F038	3/8-16 x 1 Hex Bolt	4
26	5879-3	Hose Clamp (1/2)	6		F040	3/8-16 x 1-1/2 Hex Bolt	1
27	M111	Hose (1/4 x 3-1/4)	2**		F042	3/8-16 x 2-1/4 Hex Bolt	2
28	8043-11	1/4 Barb Fitting "Y" Connector	1		F043	3/8-16 x 3 Hex Bolt	1
29	M111	Hose (1/4 x 27")	1**		F050	1/4 SAE Washer	2
30	5833-1	Cable Clamp (1/4 x 1/4)	1		F051	3/8 SAE Washer	1
Parking Brake Assembly					F052	5/16 Ext. Star Lock Washer	6
31	4406-46	Parking Brake Lever (Includes Items # 17, 32 & 34)	1		F065	3/16 x 3/4 Woodruff Key (#606)	1
					F069	3/32 x 1/2 Cotter Pin	1
32	7406-1	Handle Grip, Red	1		F171	5/16-18 x 3/8 Set Screw	6
33	8655-4	Clevis Pin (5/16 x 3/4)	2		F182	1/4 x 5/8 x 1/8 Washer	4
34	4406-42	Brake Actuator Pull	1		F183	.312 x .700 x .074 Washer	5
35	2280	Clevis (3/8)	1		F336	3/8-16 Jam Nut	1
36	2406-4	Clevis Pin (5/16 x 1-1/8)	1		F350	1/4-20 LP Nylock	2
37	4401-6	Parking Brake Mount	1		F369	5/16-18 x 4-1/2 Hex Bolt	2
38	4401-7	Parking Brake Pivot	1		F434	5/16-18 x 3-1/2 Hex Bolt	4
39	4407-3	Parking Brake Actuator	1		F435	1/4 x 1/4 x 1-1/4 Key	2
40	4407-27	Parking Brake Bolt Stabilizer	1		F481	Washer 5/16 x 1 x .125	6
41	5665-1	Compression Spring (2-1/2)	2	* Service Part Only			
42	4407	Parking Brake Link	1	** Required hose specifications:			
43	5222	Extension Spring (1/2 x 3-1/4)	1	M111 - 1/4" ID fuel/oil/vapor hose (Gates 4219-0103 or equivalent)			
44	5463	Steering Lever Actuator	2	*** May be ordered as a factory-installed option or for dealer installation. Narrow Drive Tires are used when installing a 36" Deck. Contact your Walker dealer.			
45	5942-18	Parking Brake Safety Switch Mount	1	Δ Used only when Big Tire Option is installed			

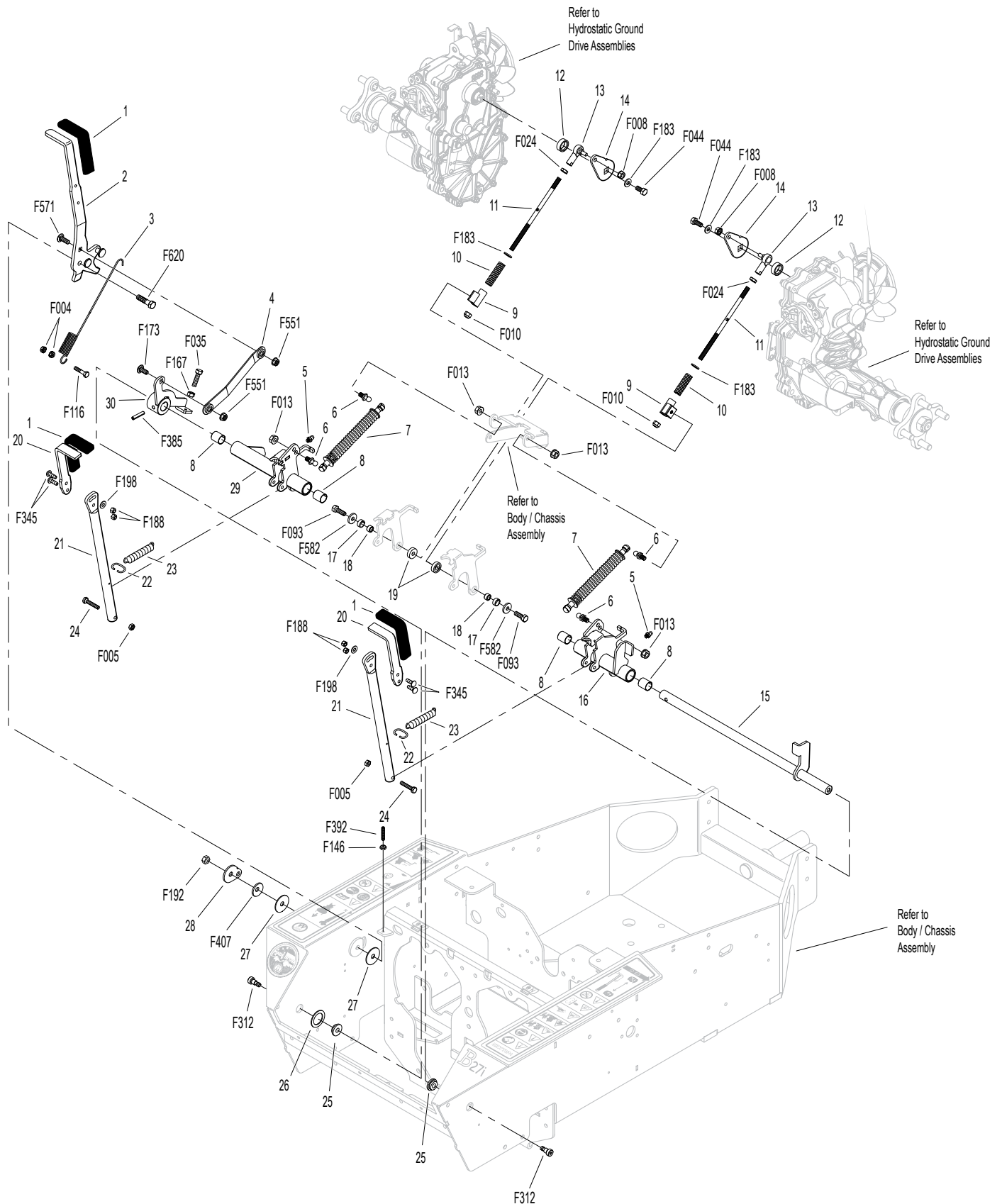
HYDROSTATIC GROUND DRIVE ASSEMBLIES



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	4170-2	FSC Lever	1	F005	1/4-20 ESNA Nut		2
3	4219-1	Extension Spring	1	F008	5/16-24 Keps Nut		2
4	4170-3	FSC Linkage	1	F010	5/16-24 ESNA Nut		2
5	5830	Grease Fitting	2	F013	3/8-16 Whiz Locknut		4
6	5146	10mm Ball Stud	4	F024	5/16-24 Jam Nut		2
7	4199-4	Steering Lever Dampener Assembly	2	F035	5/16-18 x 1-1/4 Hex Bolt		1
8	8201-3	Fiberglide Bearing	4	F044	5/16-24 x 3/4 Hex Bolt		2
9	5463-4	Steering Lever Actuator	2	F093	5/16-18 x 1 Hex Bolt		2
10	5665-1	Compression Spring (2-1/2)	2	F116	1/4-20 x 1-1/4 Hex Bolt		1
11	2213	Control Rod (7)	2	F146	1/4-20 Jam Nut		1
12	2212-3	Seal Retainer	2	F167	5/16-18 Hex Nut		1
13	5214-2	Ball Joint (5/16-24) (Nylon Lined)	2	F173	5/16-18 x 3/4 Carriage Bolt		1
14	6212-4	Transmission Control Arm	2	F183	.312 x .700 x .074 Washer		4
15	4451-16	Steering Pivot Shaft W/Stop	1	F188	1/4-20 Self-Locking Nut		4
16	6451-1	Speed Control Actuator, LH (Includes Items # 5 & 8)	1	F192	3/8-24 Self-Locking Nut		1
17	7201-2	Fiberglide Bearing (1/2")	2	F198	.250 x .625 x .040 Washer, SS		2
18	5463-5	Steering Arm Pivot Bushing (SS)	2	F312	3/8 x 3/8 Shoulder Bolt		2
19	5463-6	Washer 5/16 x 3/4 x .250	2	F345	1/4-20 x .770 Knurled Bolt		4
20	5453-14	Steering Lever Handle / Adjustable (Includes Items # 1, F188, F198 & F345)	2	F385	1/4 x 1-1/4 Roll Pin		1
21	6452-1	Steering Lever Tube W/Tab	2	F392	1/4-20 x 1 Set Screw, SS		1
22	5450	D-Clip	2	F407	Belleville Washer 3/8 x 1.187, SS		1
23	5222	Extension Spring (1/2 x 3-1/4)	2	F551	5/16-18 Flange Top Lock Nut		2
24	4452-6	Steering Pivot (1/4-20 x 1-5/8)	2	F571	5/16-18 x 7/8 Carriage Bolt		1
25	9704-3	Pivot Rod Bushing / Plastic	2	F582	Washer 5/16 x 7/8 x .125		2
26	4142-2	FSC Friction Washer (1-1/2 x 1-1/32 x 1/16)	1	F620	3/8-24 x 1-1/2 Hex Bolt		1
27	5141	FSC Friction Washer (1-1/2 x 3/8 x 1/16)	2				
28	4142-1	FSC Cam	1				
29	6451-4	Speed Control Actuator, RH (Includes Items # 5 & 8)	1				
30	4451-17	FSC Friction Actuator	1				

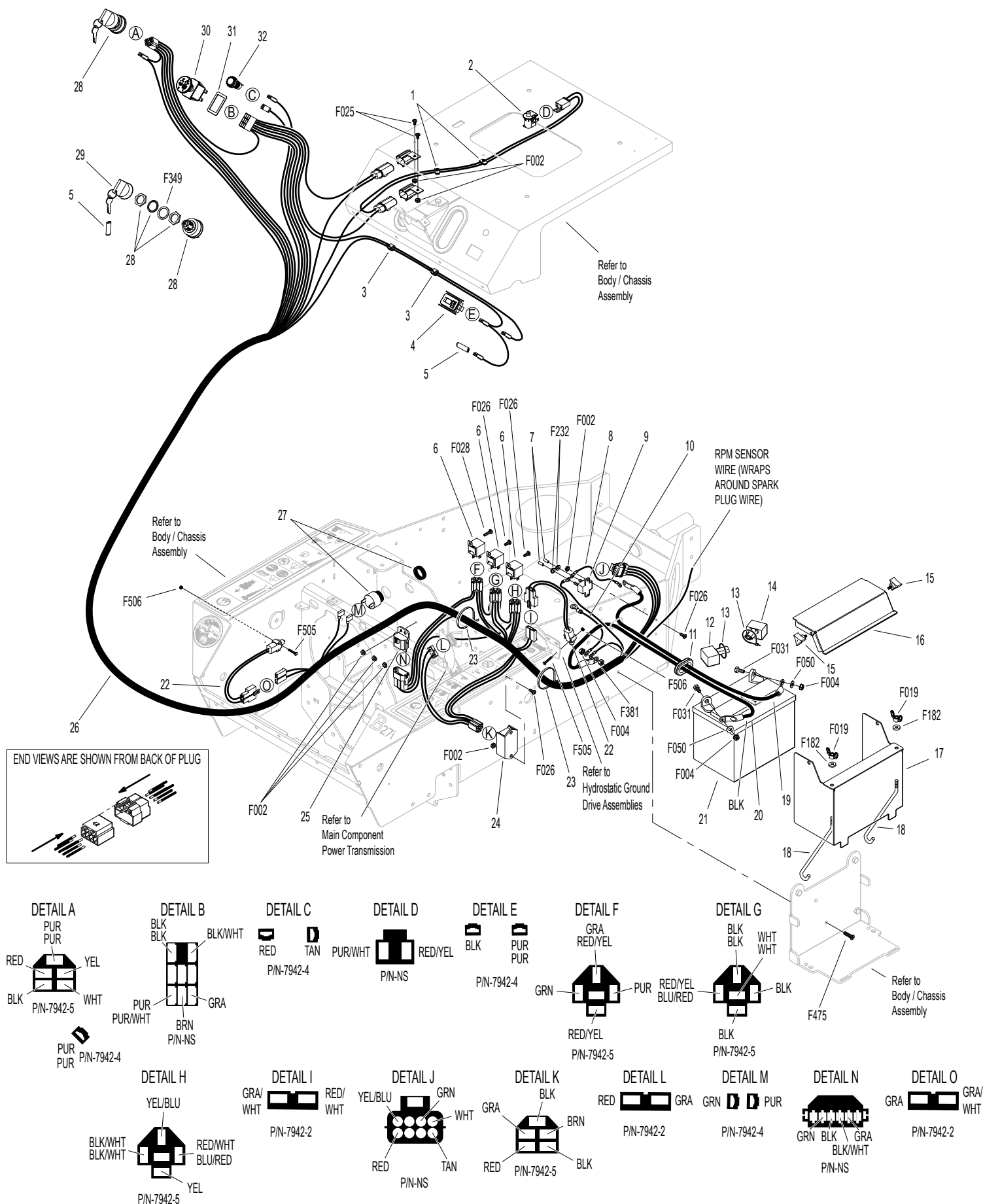
STEERING CONTROL ASSEMBLIES



ELECTRICAL ASSEMBLY

ITEM NO.	PART NO.	DESCRIPTION	NO. REQ'D	ITEM NO.	PART NO.	DESCRIPTION	NO. REQ'D
Electrical Assembly				Fasteners			
1	7834-3	Wire Saddle (3 Wires)	2	F002	10-24 Keps Nut		9
2	6104-11	Seat Switch (NO)	1	F004	1/4-20 Keps Nut		4
3	5832	Cable Clamp (1/2)	2	F019	1/4-20 ESNA Wing Nut		2
4	8990-1	Hourmeter (Global)	1	F025	10-24 x 3/8 PPHMS		2
5	7854	Plastic Tip, Red	2	F026	10-24 x 1/2 PPHMS		6
6	6941-9	Relay Switch 30/40 Amp	3	F028	10-24 x 3/4 PPHMS		1
7	8404-8	Plastic Cover, Red	2	F031	1/4-20 x 5/8 Hex Bolt		2
8	4940-11	Jumper Wire	1	F050	1/4 SAE Washer		2
9	8941	Circuit Breaker (30 Amp)	1	F182	1/4 x 5/8 x 1/8 Washer		2
		Auto Reset/Sealed		F232	10-32 Keps Nut		2
10	7938	Lead Wire, Battery Charge (Alternator to Starter)	1	F349	Washer .835 ID 1.122 OD, SS		1
11	7977-4	Grommet (7/8 x 1-1/4 x 3/16)	1	F381	1/4-20 Hex Nut		1
12	5932	Battery Terminal Insulation Black (-)	1	F475	1/4-20 x 1 PFH Screw		1
13	5975-1	Cable Tie (18# x 3-3/4")	2	F505	6-32 x 7/8 Hex Trim MS, SS		4
14	5933	Battery Terminal Insulation Red (+)	1	F506	6-32 Nylock Nut		4
15	2703-5	Knob, 10-24 x 1/2	2				
16	4910-5	Cover Plate	1				
17	4910-1	Battery Hold Down Bracket	1				
18	5839	Hook Bolt	2				
19	4940-26	Battery Cable (15")	1				
20	6923-4	Battery Cable, 13-1/2" (-)	1				
21	NS	Battery (12V/350 CCA/Wet/SP-40)	1				
22	5942-8	Safety Switch (NO), Delta Side Mount	2				
23	5975-3	Cable Tie (50# x 7")	2				
24	4410-16	Soft Start Control	1				
25	7948-6	Time Delay Module (.5 Second Delay)	1				
26	4940-24	Wire Harness	1				
27	8536	Warning Horn	1				
28	8960-15	Ignition Switch W/Keys (Includes Items # 5, 28 & F349)	1				
29	8960-3	Key Set W/Umbrella	1				
30	4950	PTO Switch	1				
31	4950-10	PTO Switch Spacer	1				
32	8996-9	Red Indicator Light Assembly	1				

ELECTRICAL ASSEMBLY



LUBRICATION POINTS

ITEM NO.	LOCATION	LUBRICATION TYPE	NO. PLACES
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Lubrication Points

1	Steering Lever Pivot	Grease	2
2	Deck-to-PTO Coupling (Grease Spline Slide Area)	Grease	1
3	Deck Support Arm Pivot	Grease	2
4	Universal Joint Tube Assembly	Grease*	1
5	Universal Joint Quick Connect Spline (Grease Slide Area)	Grease	1
6	Throttle Control Pivot	Oil	1
7	Throttle Control Cable Ends	Oil	2
8	Ground Drive Idler Pivot	Grease	1
9	Transaxle Oil Reservoir	Oil/20W-50	1
10	Tail Wheel Caster Fork Pivot	Grease	2
11	Rear Axle Pivot	Grease	1

ITEM NO.	LOCATION	LUBRICATION TYPE	NO. PLACES
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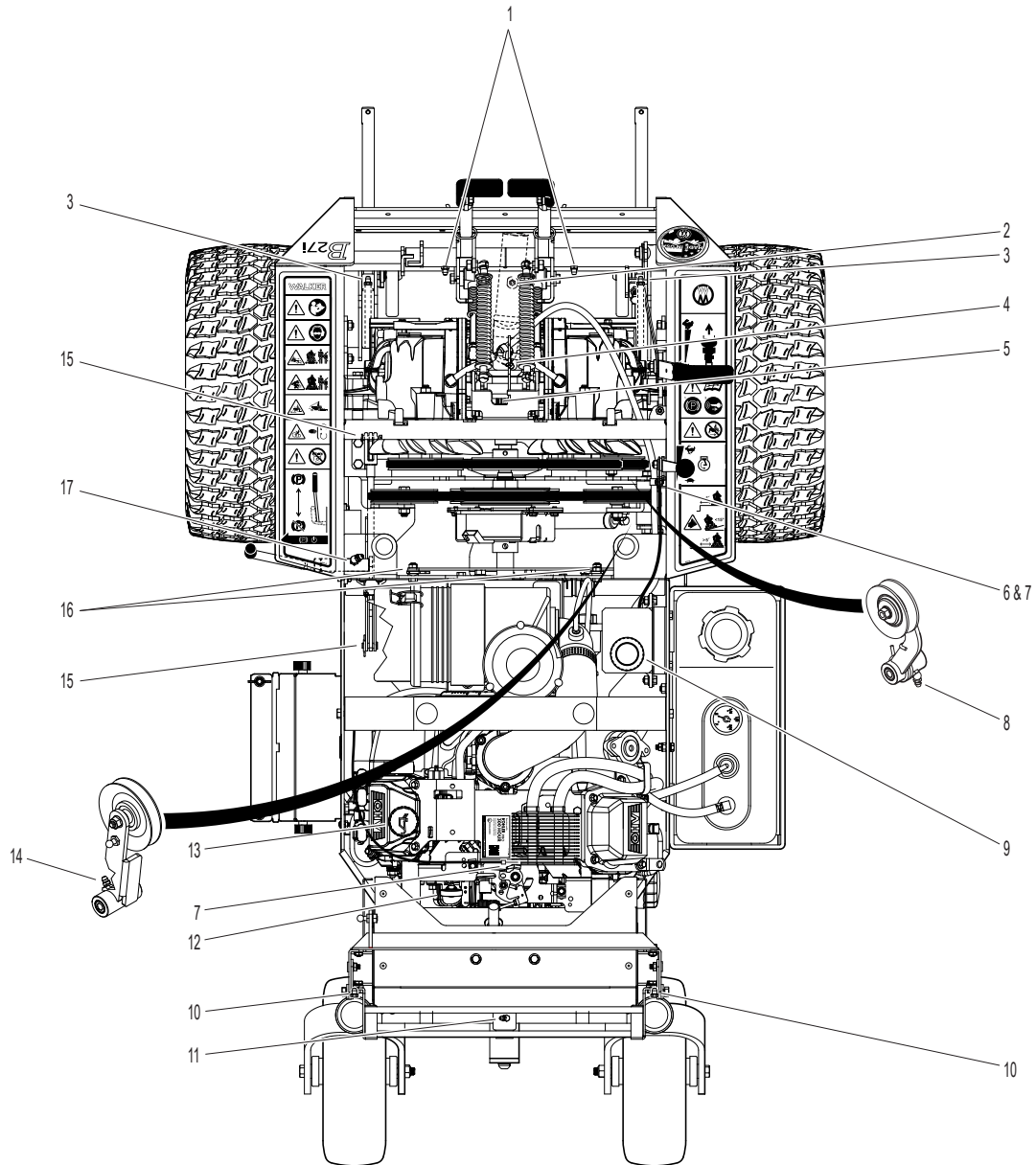
12	Engine Dipstick	Oil**	1
13	Engine Oil Fill	Oil**	1
14	PTO Belt Tightener Pivot	Grease	1
15	Parking Brake Clevis	Oil	2
16	Body Latch Pivot	Oil	2
17	Parking Brake Lever Pivot	Grease	1

* Grease every 25 hours.

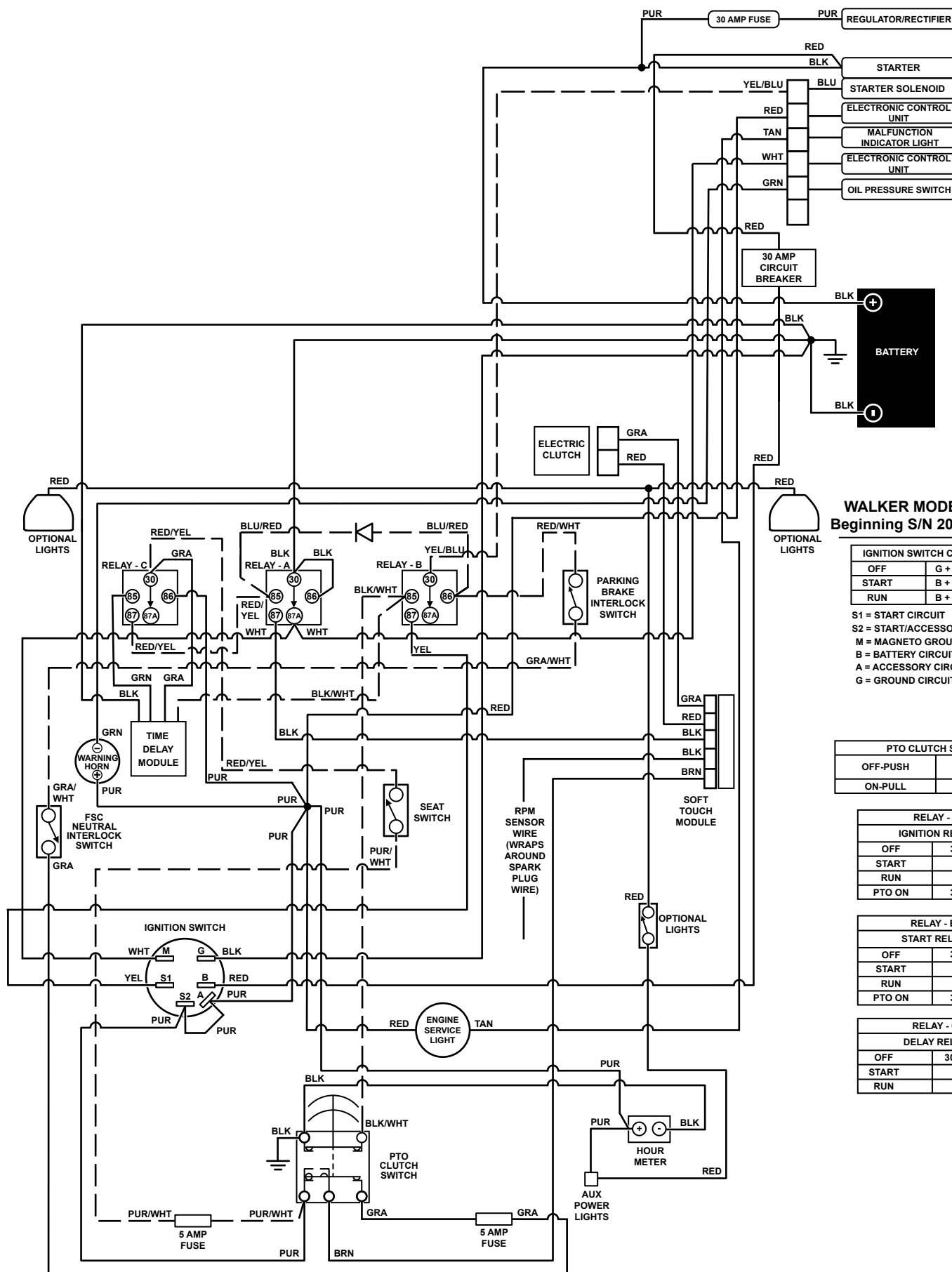
** Refer to B27i **Operator's Manual** for procedure for checking and changing oil in Engine Crankcase.

NOTE: See Model B27i **Operator's Manual** (P/N 4000-36) for proper lubrication intervals.

LUBRICATION POINTS



WIRING SCHEMATIC



WALKER MODEL B27i
Beginning S/N 2021-172977

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

PTO CLUTCH SWITCH	
OFF-PUSH	PUR + GRA BLK+BLK/WHT
ON-PULL	PUR+BRN

RELAY - A	
IGNITION 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	
DELAY RELAY	
OFF	30 + 87A
START	30 + 87
RUN	30 + 87

LIMITED WARRANTY FOR WALKER MODEL B27i 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 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.

* Extended warranties are offered for the following powertrain components:

- A two (2) year or 2000 hour (whichever comes first) warranty is offered for Hydro-Gear ZT3100 Hydrostatic transaxle; covers full cost of replacement up to 1000 hours of use, and after 1000 hours warranty coverage is prorated against 2000 hours.

2. WHAT THIS WARRANTY DOES NOT COVER:

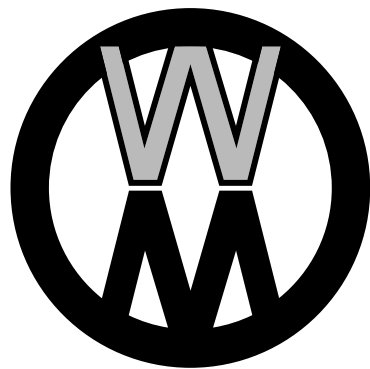
- A. This warranty does not cover defects caused by depreciation or damage caused by normal wear, accidents, improper maintenance, improper use or abuse of the product, alterations, or failure to follow the instructions contained in the Operator's Manual for operation and maintenance.
- B. The customer 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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