



# WALKER

## Illustrated Parts Manual

# H38i



Beginning S/N: 190349  
P/N 2000-55

# 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)
SD	Side Discharge
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

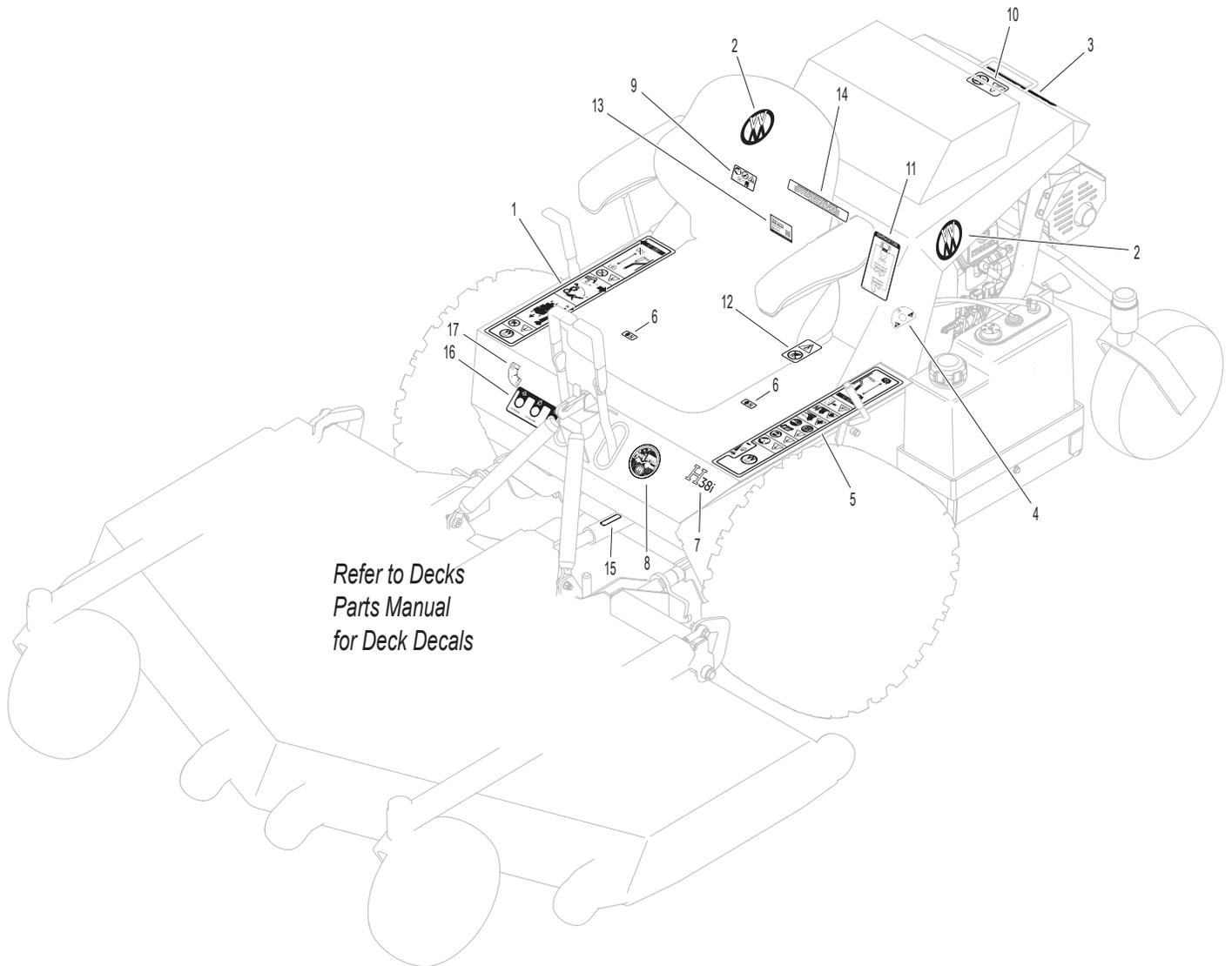
<i>Section of Tractor Covered</i>	<i>Page</i>	<i>Section of Tractor Covered</i>	<i>Page</i>
<hr/>		<hr/>	
<b>Decals</b>		<b>Electrical Components</b>	
Tractor Decals .....	2	Electrical Assembly .....	16
<b>Body / Chassis Assemblies</b>		<b>Maintenance</b>	
Front & Rear Body Assemblies .....	4	Lubrication Points .....	18
Chassis Assembly.....	6	Caster Wheel Fork Installation .....	20
<b>Tractor Components</b>		Wiring Schematic.....	21
Main Component Power Transmission .....	8	Maintenance And Service Record Sheet.....	22
Engine Group.....	10	<b>Warranty</b>	
Hydrostatic Ground Drive Assemblies.....	12	Limited Warranty .....	25
Steering Control Assemblies.....	14		

# TRACTOR DECALS

ITEM NO.	PART NO.	DESCRIPTION	LOCATION	NO. REQ'D SD
<b>Walker Product and Operation Decals</b>				
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	8821-20	Decal, H38i	Body	1
8	5856-1	Made in USA	Body	1
<b>Danger Decals Warning Decals Caution Decals</b>				
9	8600-12	Danger, Engine Exhaust	Rear Body, Underside	1
10	8600-5	Caution, Engine Exhaust	Rear Body	1
11	2107-5	Decal, Belt Routing	Rear Body, Underside	1
12	8600-2	Danger, Rotating Components	Coupling Guard	1
<b>Maintenance Decals</b>				
13	6895-103	Rehiko/Kohler 300 Hour Oil	Engine	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.

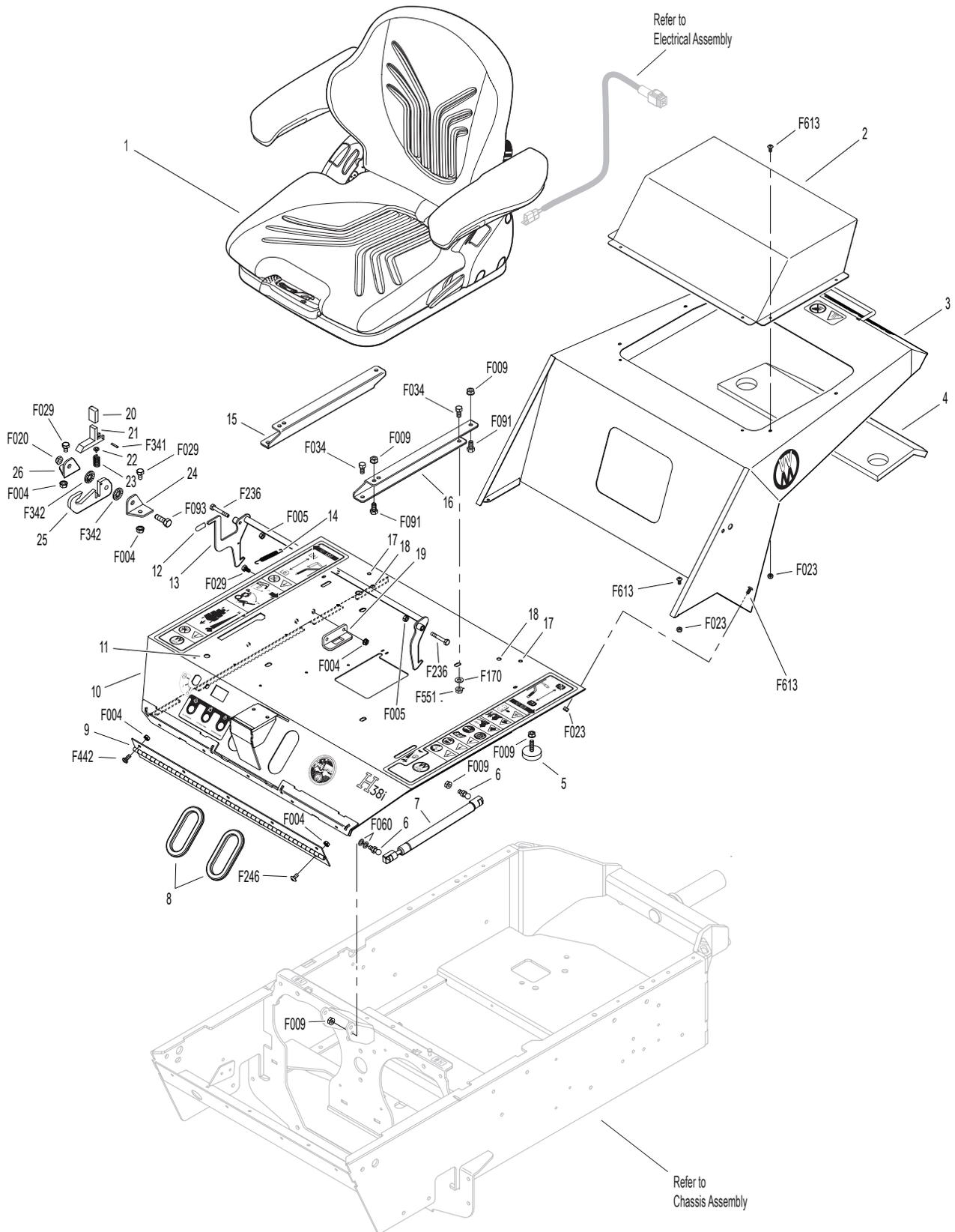
# TRACTOR DECALS



# FRONT & REAR BODY ASSEMBLIES

ITEM NO.	PART NO.	DESCRIPTION	NO. REQ'D	ITEM NO.	PART NO.	DESCRIPTION	NO. REQ'D
<b>Body &amp; Seat Assembly</b>				<b>Fasteners</b>			
1	6103-14	Suspension Seat	1	F004		1/4-20 Keps Nut	13
2	2106-6	Hood Scoop	1	F005		1/4-20 ESNA Nut	2
3	2106-35	Rear Body	1	F009		5/16-18 Whiz Locknut	8
4	2190-2	Insulation Foam Pad	1	F020		5/16-18 ESNA Nut	1
5	7844	Rubber Bumper (1.25 x .250)	2	F023		10-24 ESNA Nut	12
6	5146	10mm Ball Stud	2	F029		1/4-20 x 1/2 Hex Bolt	4
7	2145	Gas Spring	1	F034		5/16-18 x 3/4 Hex Bolt	4
8	5180	Edge Molding, Lever Opening	2	F060		AN960516 Washer	2
9	2504-4	Hinge (22.5)	1	F091		5/16-18 x 5/8 Hex Bolt	4
10	2100-8	Front Body	1*	F093		5/16-18 x 1 Hex Bolt	1
11	5989-5	Dome Plug (7/16)	1	F170		5/16 x 1 x 7/64 Flat Washer (Zinc Plate)	4
12	7854	Plastic Tip, Red	1	F236		1/4-20 x 1-3/4 Hex Bolt	2
13	2383	Body Latch Hook	1	F246		1/4-20 x 1/2 PTHMS	4
14	7222	Extension Spring (1/4 x 3)	1	F341		Coil Roll Pin (7/64 x 9/16)	1
15	6103-44	Suspension Seat Mount Channel, RH	1	F342		5/16 Conical Washer	2
16	6103-45	Suspension Seat Mount Channel, LH	1	F442		1/4-20 x 5/8 PTHMS	5
17	5989-4	Dome Plug (3/8)	2	F551		5/16-18 Flange Top Lock Nut	4
18	5989-3	Dome Plug (5/16)	2	F613		10-24 x 1/2 Truss Head Torx	12
19	4102-1	Body Guide, Upper	1				
<b>Tilt-Up Latch Assembly**</b>				* Decal H38i is available by ordering P/N 8821-20.			
20	5847	Plastic Tip	1	** Complete Tilt-Up Latch Assembly Kit available by ordering kit # 5744-5.			
21	5744-20	Spring Arm, Tilt-Up Latch	1				
22	5744-10	Spring Pivot Bushing	1				
23	5744-15	Compression Spring (3/8 x 5/8)	1				
24	5744-13	Mount Angle, LH	1				
25	5744-12	Hook, Tilt-Up Latch	1				
26	5744-14	Mount Angle, RH	1				

# FRONT & REAR BODY ASSEMBLIES



# CHASSIS ASSEMBLY

ITEM NO.	PART NO.	DESCRIPTION	NO. REQ'D	ITEM NO.	PART NO.	DESCRIPTION	NO. REQ'D	
<b>Chassis Assembly</b>				<b>Deck Support Arm &amp; Hitch Assemblies</b>				
1	4845	Rubber Bumper (1.0 x .625)	2	28	2300-9	Deck Arm Support Mount	1	
2	2104-3	Rear Body Support	1	29	6840-1	Support Arm Bushing (2-1/16)	2	
3	2046-1	Gas Tank Mount, LH	1	30	5830-1	5/16-24 4" Grease Fitting	2	
4	2301	Debris Shield (Includes Items # F004 & F029)	1	31	2775	Lynch Pin (5/16 x 1-1/4)	2	
5	2301-15	Debris Guard	1	32	2431-2	Deck Support Arm, LH (Includes Item # 30)	1	
6	2301-16	Back Up Plate	1	33	2430-2	Deck Support Arm, RH (Includes Item # 30)	1	
7	2300-11	Chassis Frame	1	<b>Fasteners</b>				
8	2046	Gas Tank Mount	1		F004	1/4-20 Keps Nut	10	
9	4102-2	Body Guide, Lower	1		F005	1/4-20 ESNA Nut	4	
10	2325-8	Belt Guide	1		F009	5/16-18 Whiz Locknut	10	
<b>Tail Wheel Assembly</b>						F029	1/4-20 x 1/2 Hex Bolt	4
11	5830	Grease Fitting	2		F031	1/4-20 x 5/8 Hex Bolt	6	
12	2201-2	Fiberglide Thrust Washer	2		F034	5/16-18 x 3/4 Hex Bolt	8	
13	2201-3	Fiberglide Bearing (1-5/8)	2		F211	1/4-20 x 7/8 Hex Bolt	4	
14	2300-10	Tail Wheel Pivot (Includes Items # 11, 13 & 15)	1		F218	7/16 Split Lock Washer	5	
15	5830-4	Grease Fitting (90 Deg.)	1		F219	7/16-14 x 1-1/4 Hex Bolt	5	
16	2201-4	Washer (2-1/4 x 7/16 x 1/4 Thk)	1		F256	7/16 SAE Washer	1	
17	8769-8	Dust Cap, Deck Caster	2		F344	3/4-16 Slotted Hex Nut	2	
18	8769-6	Bearing Cone (1" ID)	4		F348	1/8 x 1-1/2 Cotter Pin	2	
19	8769-5	Bearing Cup (2 x 1-5/8)	4		F430	7/16-20 ESNA Nut	2	
20	8769-7	Seal	2		F446	7/16-20 x 3-1/2 GR 8 Bolt	2	
21	2770	Caster Wheel Fork	2		F477	1/4-20 x 5/8 Carriage Bolt	2	
22	8039	Nut, Tail Wheel Axle	2		F639	Belleville Washer (1.5 x .755 x .072)	2	
23	8038-1	Spacer, Wheel Axle (.750 ID x 1.125 OD)	2		F718	5/16-18 x 5/16 Set Screw (Knurl Point)	2	
24	8768-2	Seal, Reverse Lip	4	* Service Part Only				
25	8037	Bearing Cone (3/4 ID)	4					
26	8035-1	Wheel & Tire (13 x 4.50-6) (W/Bearing Race)	2					
	8035-3	Tail Wheel Tire (13 x 4.5-6 Ply)	*					
27	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
<b>PTO Drive Assembly</b>				<b>Fasteners</b>			
1	4850	Handle Grip, Black	1	F004	1/4-20 Keps Nut		5
2	2358-1	Clutch Lever (Includes Items # 1 & 3)	1	F005	1/4-20 ESNA Nut		1
3	5830-3	Grease Fitting (45 Deg.)	3	F009	5/16-18 Whiz Locknut		14
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	5830	Grease Fitting	2	F013	3/8-16 Whiz Locknut		2
7	2325-7	Clutch Arm (Includes Items # 5 & 6)	1	F014	3/8-16 ESNA Nut		1
8	5221-1	Extension Spring (3/4 x 5)	1	F019	1/4-20 ESNA Wing Nut		1
9	2358-11	Clutch Actuator	1	F020	5/16-18 ESNA Nut		1
10	5214-13	Ball Joint (3/8)	2	F029	1/4-20 x 1/2 Hex Bolt		1
11	2011-12	Flex Coupling Guard	1	F031	1/4-20 x 5/8 Hex Bolt		5
12	2358-9	Clutch Pivot Base	1	F034	5/16-18 x 3/4 Hex Bolt		21
13	2358-8	Adjustor Brace	1	F035	5/16-18 x 1-1/4 Hex Bolt		6
14	2302-16	Right Hand Shoe	1	F039	3/8-16 x 1-1/4 Hex Bolt		1
15	2302-3	Left Hand Shoe	1	F051	3/8 SAE Washer		2
16	7775-6	Wire Lock Pin (2-1/2")	1	F052	5/16 Ext. Star Lock Washer		12
17	2349-17	Bearing Mount	1	F060	AN960516 Washer		2
18	2406-5	Spacer	1	F061	1/4 Star Lock Washer		1
19	2236-5	PTO Pulley (4.5/AAA)	1	F069	3/32 x 1/2 Cotter Pin		1
20	2359-1	Brake Band / Guard Mount	1	F091	5/16-18 x 5/8 Hex Bolt		1
21	7775-8	Wire Lock Pin (4")	1	F104	1/4-20 x 3/4 PFH Bolt		1
22	2302-5	PTO Shoe	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	7523-2	Clevis Pin W/Hole (1/4 x 5/8)	1	F182	1/4 x 5/8 x 1/8 Washer		1
29	4359-2	Brake Band Link, Rear	1	F183	.312 x .700 x .074 Washer		4
30	8304	Brake Band (14-1/2)	1	F211	1/4-20 x 7/8 Hex Bolt		2
31	4359-1	Brake Band Link, Front	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	F241	.375 x .875 x .10 Washer		1
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		3
40	7201-9	Inner Race	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
<b>Flex Coupler</b>				F642	1/4 x .042 Belleville Washer		2
50	2351-50	Flex Coupler Half (1" Bore) (Includes Items # F435 & F718)	1	F651	5/16-18 x 5/8 Carriage Bolt GR 2		4
51	2351-1	Rubber Iso Coupler	6	F718	5/16-18 x 5/16 Set Screw (Knurl Point)		5
52	2351-19	Inner Flex Coupler Half	1	* Service Part Only			
53	2351-55	Flex Coupler Half (1-1/8" Bore) (Includes Items # F435 & F718)	1				



# ENGINE GROUP

ITEM NO.	PART NO.	DESCRIPTION	NO. REQ'D	ITEM NO.	PART NO.	DESCRIPTION	NO. REQ'D
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## Fuel Tank Assembly

1	5082-4	2-1/4 Ratchet Fuel Cap (EPA)	2
2	8055-2	Fuel Tank Gauge	2
3	8043-8	Roll Over Valve	2
4	5977-7	Roll Over Grommet (.900 x 1-1/2)	2
5	5083-8	Tank Tube (13")	2
6	5879-3	Hose Clamp (1/2)	7
7	M111	Fuel Line (1/4 x 32")	1**
8	M113	Fuel Line (3/16 x 6-1/2")	1**
9	5083-1	Bushing, Rubber	2
10	NS	Fuel Filter (Rehlko/Kohler)	1
11	M111	Fuel Line (1/4 x 22")	1**
12	8043-6	Connector "Y"	1
13	4010-5	3/8 NPT Street L	1
14	M111	Fuel Line (1/4 x 11")	1**
15	M113	Fuel Line (3/16 x 31")	1**
16	8055-1	Fuel Tank, 4.7 Gallon, Gas (Black) (Includes Items # 2-5, 9, 17 & 18)	2
17	5086-7	Hose (1/4 x 6)	2
18	5020-2	Fuel Filter, In Tank	2
19	2010-3	Fuel Valve	1
20	5975-3	Cable Tie (50# x 7")	4

## Engine Assembly

21	NS	38 HP Engine, EFI (Rehlko/Kohler)	*
22	2013-22	Muffler Heat Shield Side, RH	1
23	2013-12	Muffler Heat Shield	1
24	2013-23	Muffler Heat Shield Side, LH	1

## Throttle Assembly

25	4109-5	Control Cable (71")	1
26	5108-1	Control Lever, Throttle / Choke	1
27	5108-5	Throttle Control Knob, Red	1
28	5108-11	Friction Washer (.062)	1
29	7108	Control Assembly (Includes Items # 26, 28, 30-32 & F642)	1
	4108-5	Throttle Control and Cable Assembly (Includes Items # 25-28, 30-33, F002, F005, F050, F164 & F642)	*
30	5108-8	Control Bracket	1
31	5108-10	Friction Washer (.125)	1
32	5108-7	Control Lock Tab	1
33	5172	Bearing, Delrin (.250 ID x .375 OD x .250)	1

## Fasteners

F002	10-24 Keps Nut	7
F004	1/4-20 Keps Nut	4
F005	1/4-20 ESNA Nut	1
F013	3/8-16 Whiz Locknut	4
F025	10-24 x 3/8 PPHMS	6
F029	1/4-20 x 1/2 Hex Bolt	6
F042	3/8-16 x 2-1/4 Hex Bolt	4
F050	1/4 SAE Washer	1
F051	3/8 SAE Washer	4
F164	10-24 x 1/4 x 3/8 SHL Bolt	1
F184	1/4-20 x 1/2 Hex Bolt, SS	4
F185	1/4 Internal Star Lock Washer, SS	4
F642	1/4 x .042 Belleville Washer	1

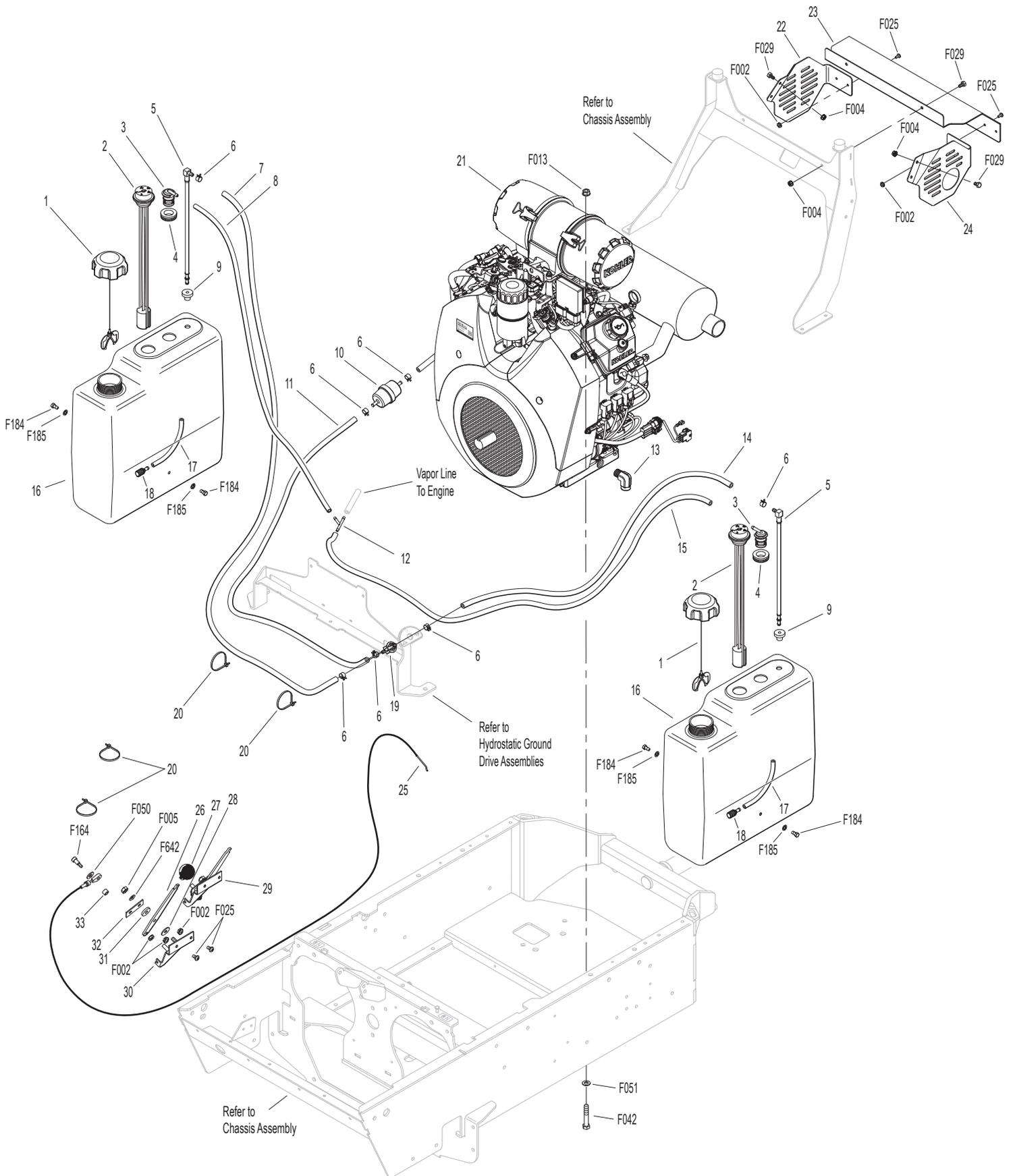
\* Service Part Only

### \*\* Required hose specifications:

M111 - 1/4" ID fuel/oil/vapor hose (Gates 4219-0103 or equivalent)

M113 - 3/16" ID fuel/oil/vapor hose (Gates 4219-0093 or equivalent)

# ENGINE GROUP

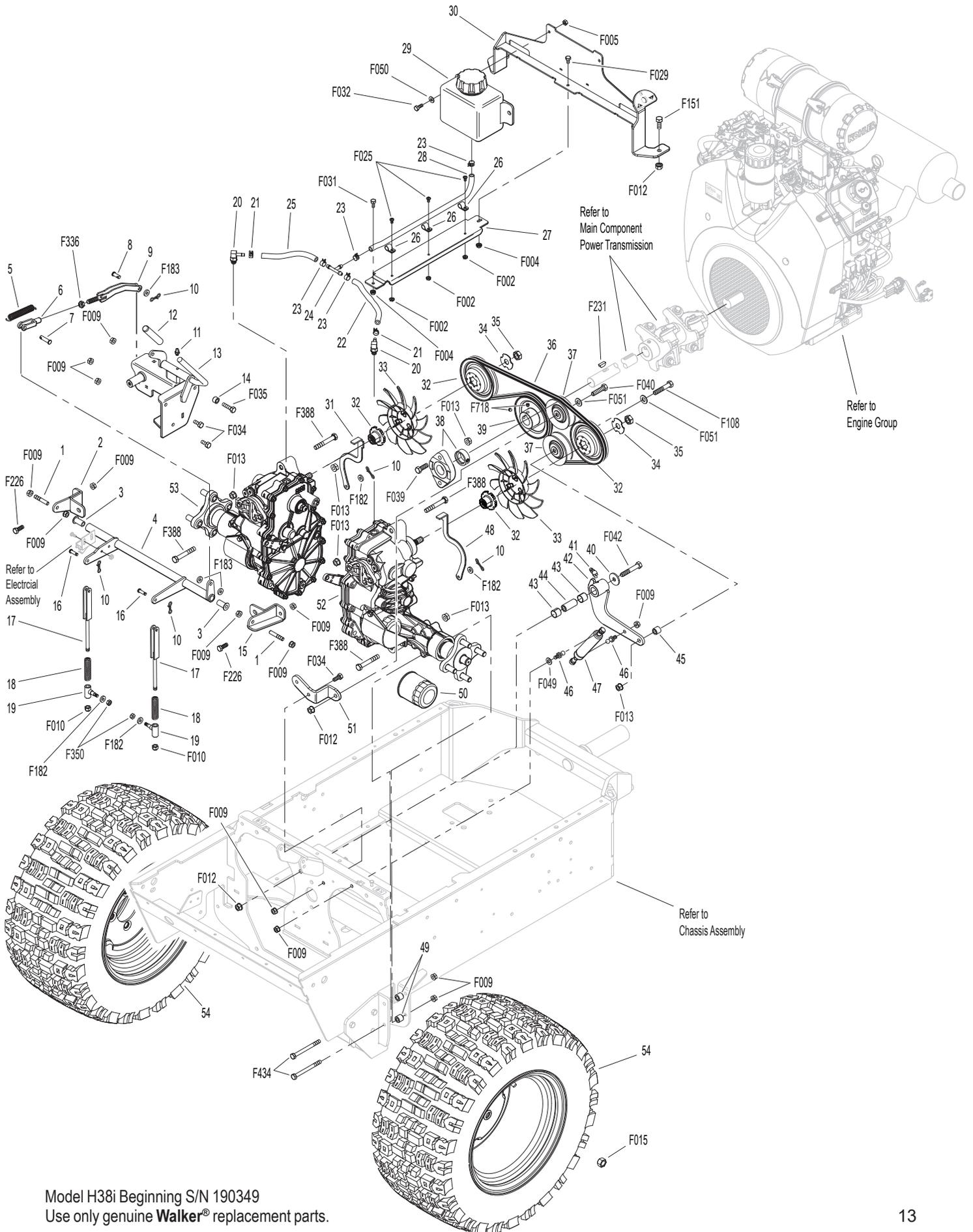


Model H38i Beginning S/N 190349  
 Use only genuine **Walker**® replacement parts.

# HYDROSTATIC GROUND DRIVE ASSEMBLIES

ITEM NO.	PART NO.	DESCRIPTION	NO. REQ'D	ITEM NO.	PART NO.	DESCRIPTION	NO. REQ'D
<b>Parking Brake Assembly</b>				45	6325-3	Spacer Bushing (9/16)	1
1	2358-6	5/16-18 x 1-3/4 Stud	2	46	5146	10mm Ball Stud	2
2	2300-20	Parking Brake Hydro Mount, RH	1	47	2215-6	Pressure Dampener	1
3	5103-2	Pivot Bushing (5/16 ID)	2	48	2028-7	Lockout Arm, LH	1
4	2406-3	Parking Brake Actuator Tube	1	49	9430-1	Spacer Tube	4
5	5222	Extension Spring (1/2 x 3-1/4)	1	50	2026-17	Hydro-Gear® Oil Filter	2
6	2280	Clevis (3/8)	1	51	2349-15	Idler Mount	1
7	2406-4	Clevis Pin (5/16 x 1-1/8)	1	52	2025-41	Hydro-Gear ZT-3400, LH	1
8	8655-4	Clevis Pin (5/16 x 3/4)	1	53	2026-41	Hydro-Gear ZT-3400, RH	1
9	2406-14	Brake Actuator Pull	1	<b>Wheel Assembly</b>			
10	4407-4	Bow Tie Cotter Pin	5	54	2071-4	AT Wheel & Tire (23 x 10.50-12)	2
11	5830	Grease Fitting	1	<b>Fasteners</b>			
12	7406-1	Handle Grip, Red	1	F002	10-24 Keps Nut		3
13	2406-15	Parking Brake Lever / Idler Mount (Includes Items # 11 & 12)	1	F004	1/4-20 Keps Nut		2
14	2406-5	Spacer	1	F005	1/4-20 ESNA Nut		2
15	2300-1	Parking Brake Hydro Mount, LH	1	F009	5/16-18 Whiz Locknut		17
16	5281-5	Clevis Pin (1/4 x 0.80)	2	F010	5/16-24 ESNA Nut		2
17	2406-10	Parking Brake Rod	2	F012	3/8-16 Keps Nut		4
18	5665-1	Compression Spring (2-1/2)	2	F013	3/8-16 Whiz Locknut		7
19	5463	Steering Lever Actuator	2	F015	1/2-20 Wheel Lug Nut		8
<b>Transaxle Reservoir Assemblies</b>				F025	10-24 x 3/8 PPHMS		3
20	2025-17	Straight Thread Hose Fitting	2	F029	1/4-20 x 1/2 Hex Bolt		1
21	5879-4	Hose Clamp (7/16)	2	F031	1/4-20 x 5/8 Hex Bolt		1
22	M111	Hose (1/4 x 6-1/2")	1*	F032	1/4-20 x 3/4 Hex Bolt		2
23	5879-3	Hose Clamp (1/2)	4	F034	5/16-18 x 3/4 Hex Bolt		4
24	8043-9	1/4 x 1/4 x 1/4 Tee	1	F035	5/16-18 x 1-1/4 Hex Bolt		1
25	M111	Hose (1/4 x 6-1/4")	1*	F039	3/8-16 x 1-1/4 Hex Bolt		2
26	5832	Cable Clamp (1/2)	3	F040	3/8-16 x 1-1/2 Hex Bolt		1
27	2025-19	Hose Channel	1	F042	3/8-16 x 2-1/4 Hex Bolt		1
28	M111	Hose (1/4 x 15")	1*	F049	5/16 SAE Washer		1
29	2024-1	Oil Expansion Reservoir (1 Qt.)	1	F050	1/4 SAE Washer		2
30	2025-18	Reservoir Bottle Mount	1	F051	3/8 SAE Washer		2
<b>Ground Drive Assemblies</b>				F108	3/8-16 x 2 Hex Bolt		1
31	2028-8	Lockout Arm, RH	1	F151	3/8-16 x 7/8 Hex Bolt		2
32	4026-18	Fan & Pulley Kit (Includes Items # 33-35)	2	F182	1/4 x 5/8 x 1/8 Washer		4
33	4026-13	Hydro Pulley Fan	2	F183	.312 x .700 x .074 Washer		3
34	5025-18	Hydro Fan Washer	2	F226	5/16-18 x 7/8 Hex Bolt		2
35	5025-19	Hydro Fan Nut	2	F231	1/4 x 3/4 Woodruff Key (#806)		1
36	2248-1	Ground Drive Belt	1	F336	3/8-16 Jam Nut		1
37	4245	Idler Pulley (3/A)	2	F350	1/4-20 LP Nylock		2
38	4349-12	Flanged Bearing (1")	1	F388	3/8-16 x 2-1/2 Hex Bolt		4
39	2240-2	Drive Pulley (Includes Item # F718)	1	F434	5/16-18 x 3-1/2 Hex Bolt		4
40	5841	Retainer Washer (3/8 x 1-1/4)	1	F718	5/16-18 x 5/16 Set Screw (Knurl Point)		2
41	5830-3	Grease Fitting (45 Deg.)	1	<b>* Required hose specifications:</b>			
42	2349-14	Transmission Belt Tensioner (Includes Items # 41 & 43)	1	M111 - 1/4" ID fuel/oil/vapor hose (Gates 4219-0103 or equivalent)			
43	7201-3	Fiberglide Bearing	2				
44	7201-4	Inner Race (1-1/2)	1				

# HYDROSTATIC GROUND DRIVE ASSEMBLIES

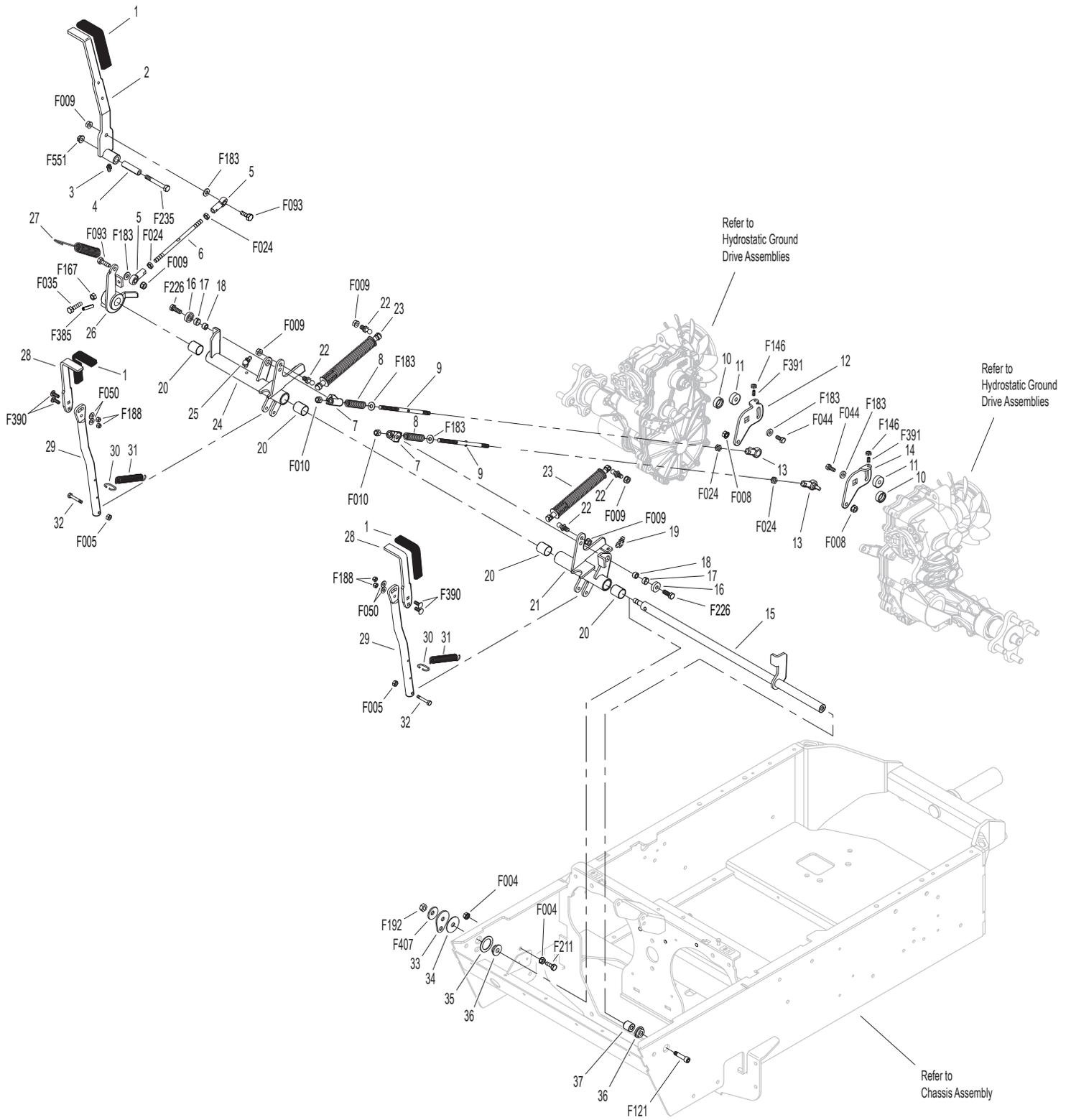


Model H38i Beginning S/N 190349  
 Use only genuine Walker® replacement parts.

# STEERING CONTROL ASSEMBLIES

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

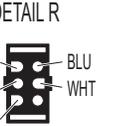
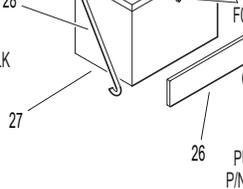
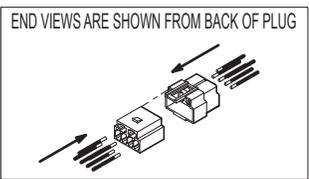
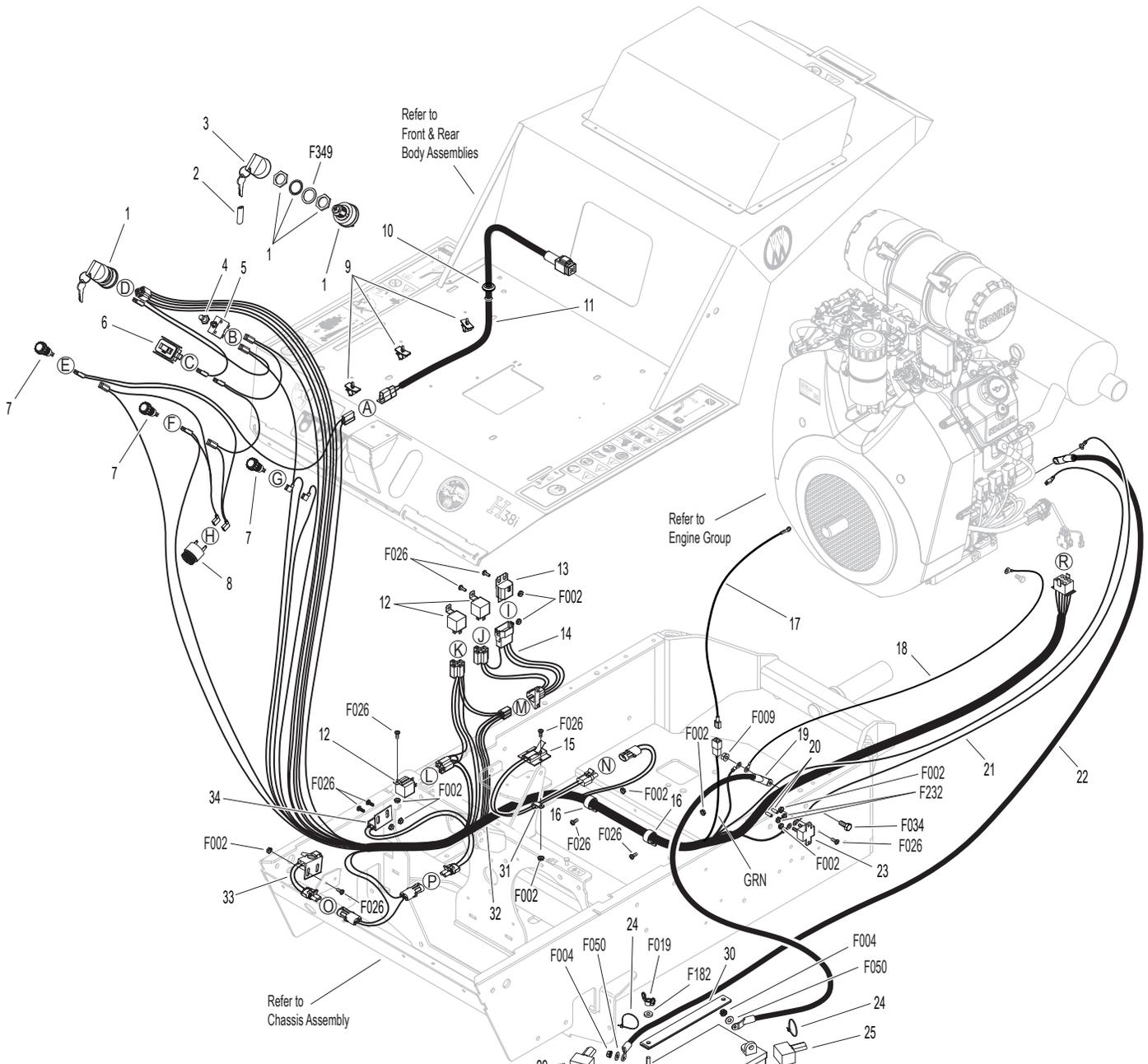
# STEERING CONTROL ASSEMBLIES



# ELECTRICAL ASSEMBLY

ITEM NO.	PART NO.	DESCRIPTION	NO. REQ'D	ITEM NO.	PART NO.	DESCRIPTION	NO. REQ'D
<b>Electrical Assembly</b>				24	5975-1	Cable Tie (18# x 3-3/4")	2
1	8960-15	Ignition Switch W/Keys (Includes Items # 2, 3 & F349)	1	25	5932	Battery Terminal Insl., Blk (-)	1
2	7854	Plastic Tip, Red	1	26	5910-6	Battery Spacer Pad	1
3	8960-3	Key Set W/Umbrella	1	27	7910-3	Battery (12V/350A CCA)	1
4	7941-3	Boot, Circuit Breaker	1	28	5839	Hook Bolt	2
5	7941-7	Circuit Breaker (20 Amp)	1	29	5933	Battery Terminal Insl., Red (+)	1
6	8990-1	Hourmeter (Global)	1	30	5844	Battery Hold-Down Bar	1
7	8996-9	Red Indicator Light Assembly	3	31	5833	Cable Clamp (1/4)	1
8	8536-2	Warning Horn Assembly	1	32	2940-19	Wire Harness	1
9	6105-3	Harness Clip	3	33	5942-4	Safety Switch (NO)	1
10	5977-3	Grommet (9/16)	1	34	5942-5	Safety Switch (NO)	1
11	2103-8	Adapter Harness	1	<b>Fasteners</b>			
12	6941-9	Relay Switch 30/40 Amp	3	F002	10-24 Keps Nut		15
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		15
17	2940-18	Wire Extension (25")	1	F031	1/4-20 x 5/8 Hex Bolt		2
18	2940-9	Ground Wire (8")	1	F034	5/16-18 x 3/4 Hex Bolt		1
19	2940-3	Battery Cable, 14" (-)	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	7938	Lead Wire, Battery Charge (Alternator to Starter)	1	F232	10-32 Keps Nut		2
22	2940-2	Battery Cable, 22" (+)	1	F349	Washer .835 ID 1.122 OD, SS		1
23	8941	Circuit Breaker (30 Amp) (Auto Reset/Sealed)	1				

# ELECTRICAL ASSEMBLY

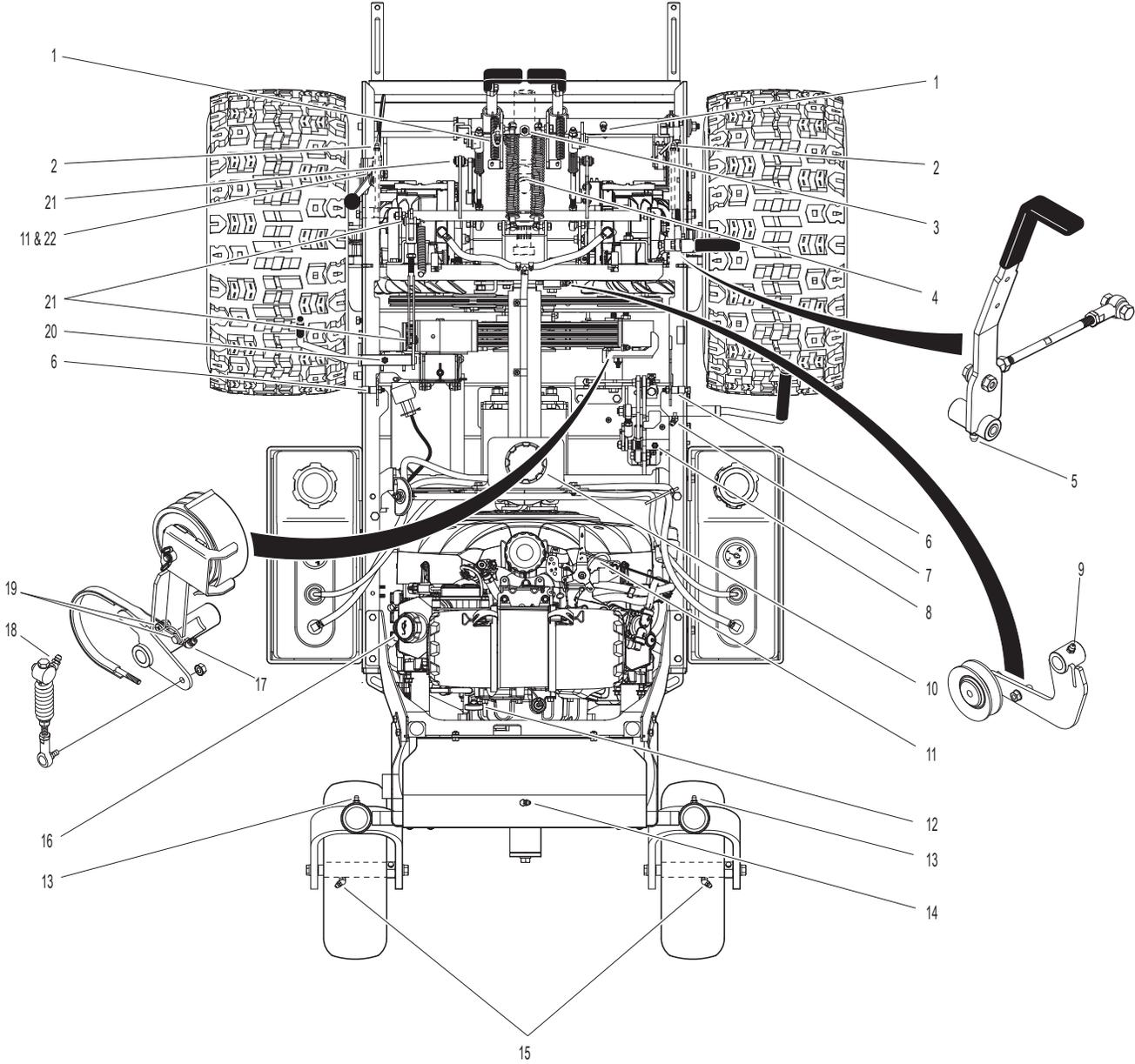


Model H38i Beginning S/N 190349  
Use only genuine Walker® replacement parts.

# LUBRICATION POINTS

ITEM NO.	LOCATION	LUBRICATION TYPE	NO. PLACES	ITEM NO.	LOCATION	LUBRICATION TYPE	NO. PLACES
<b>Lubrication Points</b>							
1	Steering Lever Pivot	Grease	2	15	Rear Wheel Bearing	Grease	2
2	Deck Support Arm Pivot	Grease	2	16	Engine Oil Fill	Oil**	1
3	Deck-to-PTO Coupling (Grease Spline Slide Area)	Grease	1	17	PTO Belt Tightener Idler Pivot	Grease	1
4	Universal Joint Tube Assembly	Grease*	1	18	Clutch Actuator Push Rod	Grease	1
5	FSC Lever Pivot	Grease	1	19	Brake Band Pivot Pins (Clevis)	Oil	2
6	Body Latch Pivot	Oil	2	20	Parking Brake Lever Pivot	Grease	1
7	PTO Clutch Lever Pivot	Grease	1	21	Parking Brake Clevis	Oil	3
8	Clutch Arm Pivot	Grease	1	22	Throttle Control Pivot	Oil	1
9	Hydro Idler Arm Pivot	Grease	1				
10	Transaxle Oil Reservoir	Oil/20W-50	1	* Grease every 25 hours.			
11	Throttle Control Cable Ends	Oil	2	** Refer to H38i <b>Operator's Manual</b> for procedure for checking and changing oil in Engine Crankcase.			
12	Engine Dipstick	Oil**	1	<b>NOTE:</b> See Model H38i <b>Operator's Manual</b> (P/N 2000-54) for proper lubrication intervals.			
13	Tail Wheel Caster Fork Pivot	Grease	2				
14	Rear Axle Pivot	Grease	1				

# LUBRICATION POINTS



# CASTER WHEEL FORK INSTALLATION

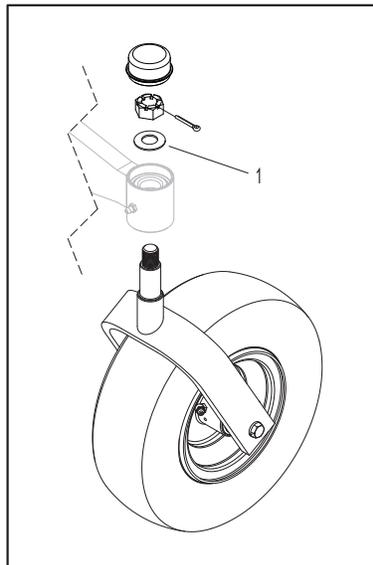
ITEM NO.	DESCRIPTION	ITEM NO.	DESCRIPTION
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## Caster Wheel Fork Assembly

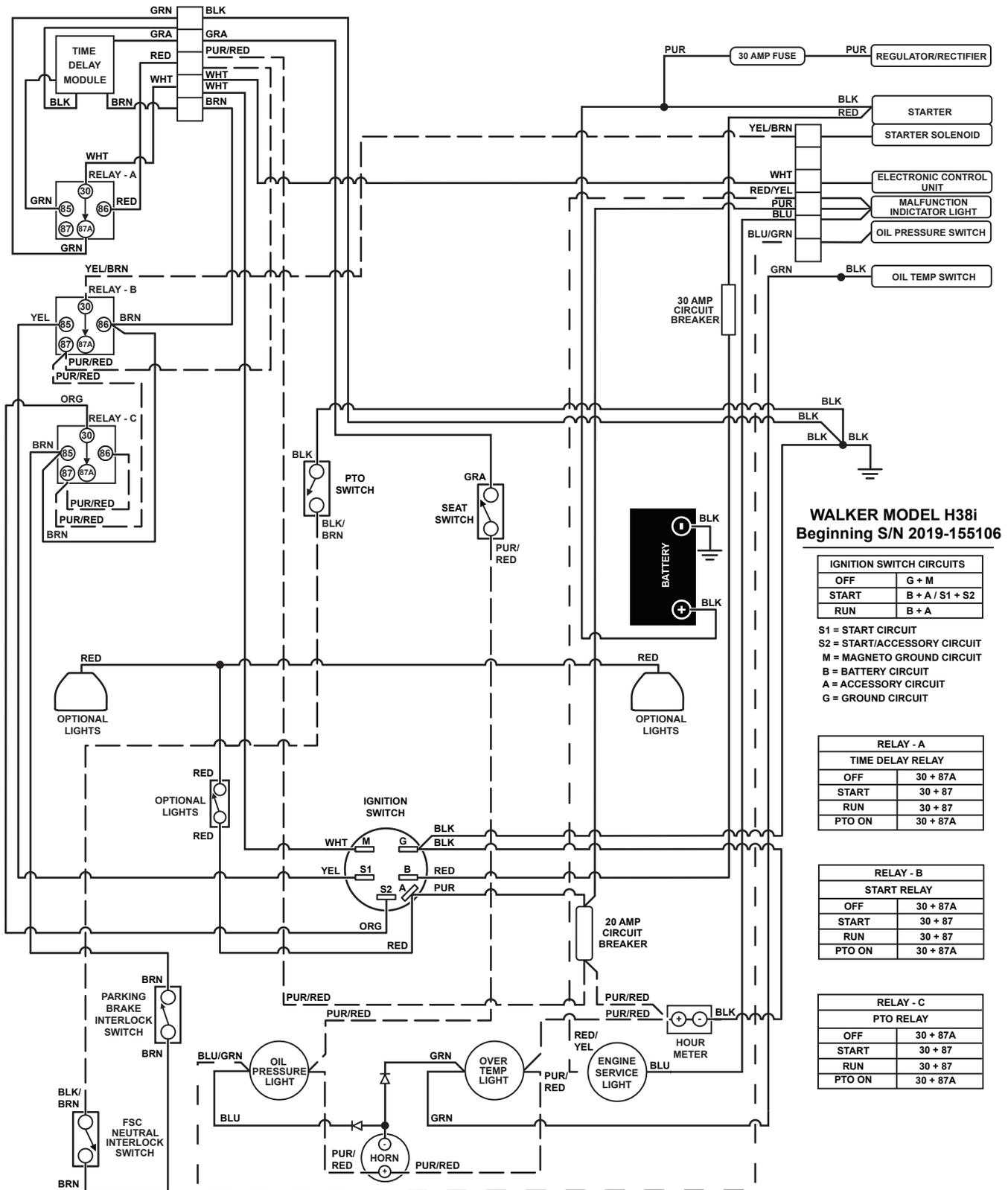
- 1 Installing the Caster Wheel Fork with a Belleville Washer:
  - a. Install the fork up into the bearing housing through the lower and upper tapered roller bearings. Rotate the fork as the seal is engaging onto the shaft to prevent the seal lip from rolling.
  - b. Place a Belleville washer onto the 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 H38i Beginning S/N 2019-155106

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 H38i 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**

**WALKER MFG. CO. • 5925 E. HARMONY ROAD, FORT COLLINS, CO 80528 • (970) 221-5614**  
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