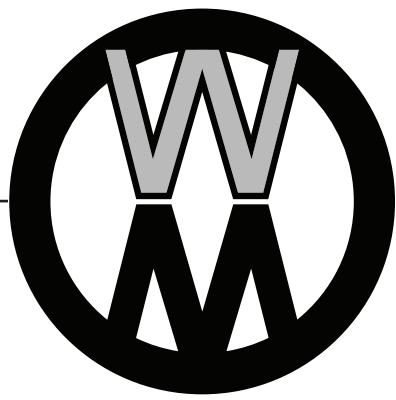




# WALKER

## Illustrated Parts Manual

# *H*38i



Beginning S/N: 183326  
P/N 2000-49

# 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).

Model H38i Beginning S/N 183326  
Use only genuine **Walker®** replacement parts.

# ILLUSTRATED PARTS LIST

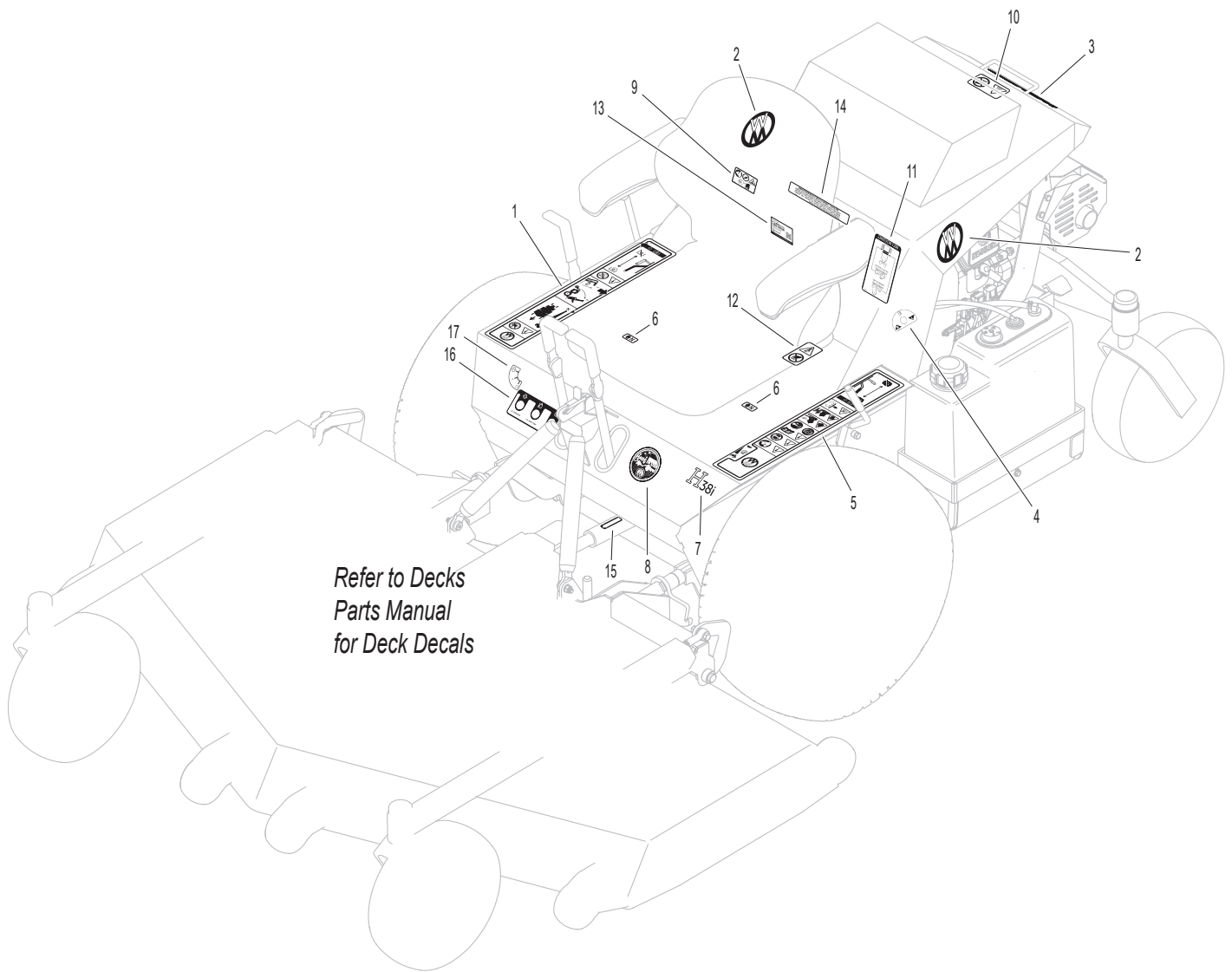
| <i>Section of Tractor Covered</i>         | <i>Page</i> | <i>Section of Tractor Covered</i>          | <i>Page</i> |
|-------------------------------------------|-------------|--------------------------------------------|-------------|
| <b>Decals</b>                             |             | <b>Electrical 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           | Tail Wheel Pivot 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 | 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            |

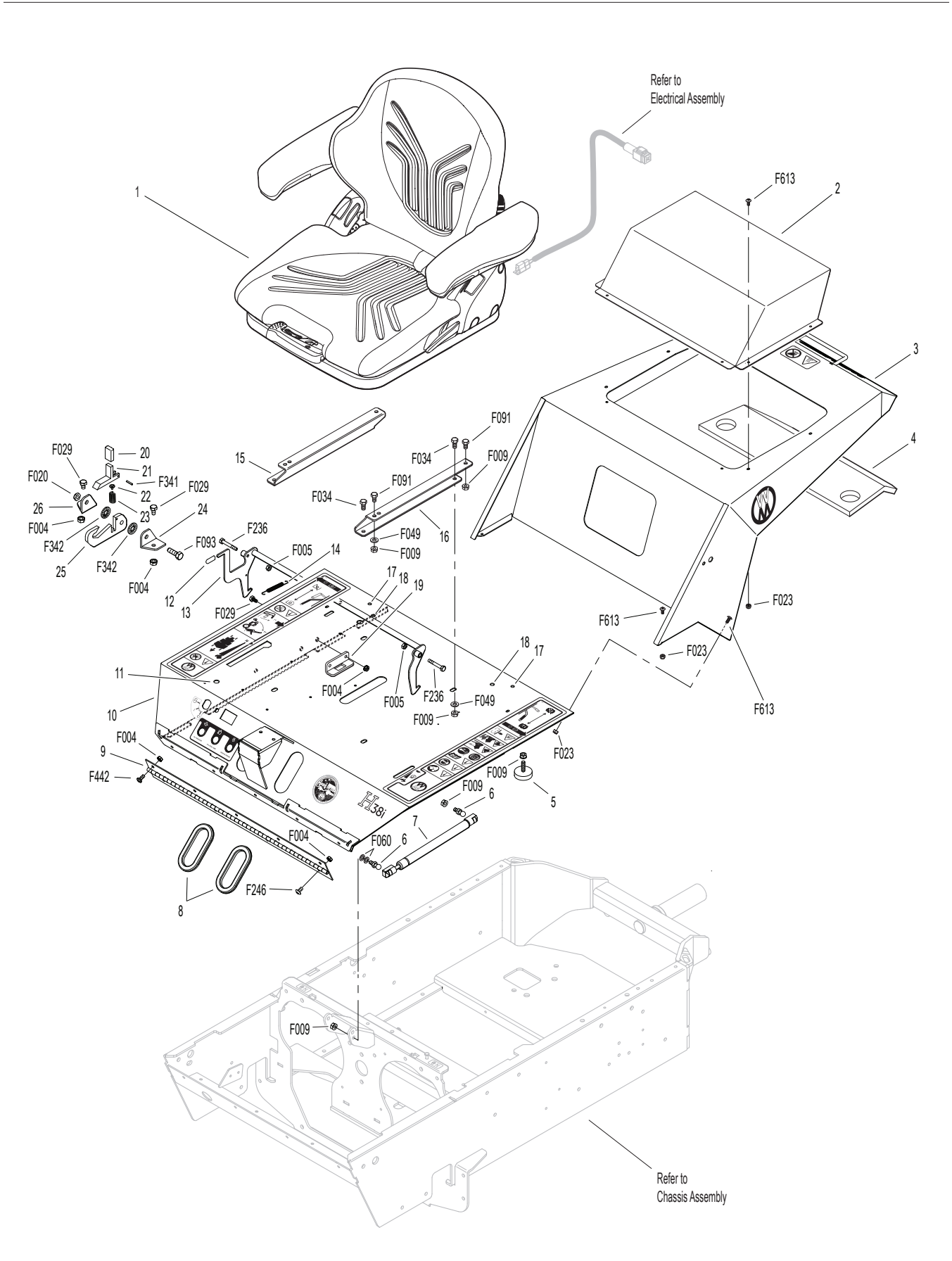
**NOTE:** All parts requiring decals are shipped with decals applied.

# TRACTOR DECALS



## FRONT & REAR BODY ASSEMBLIES

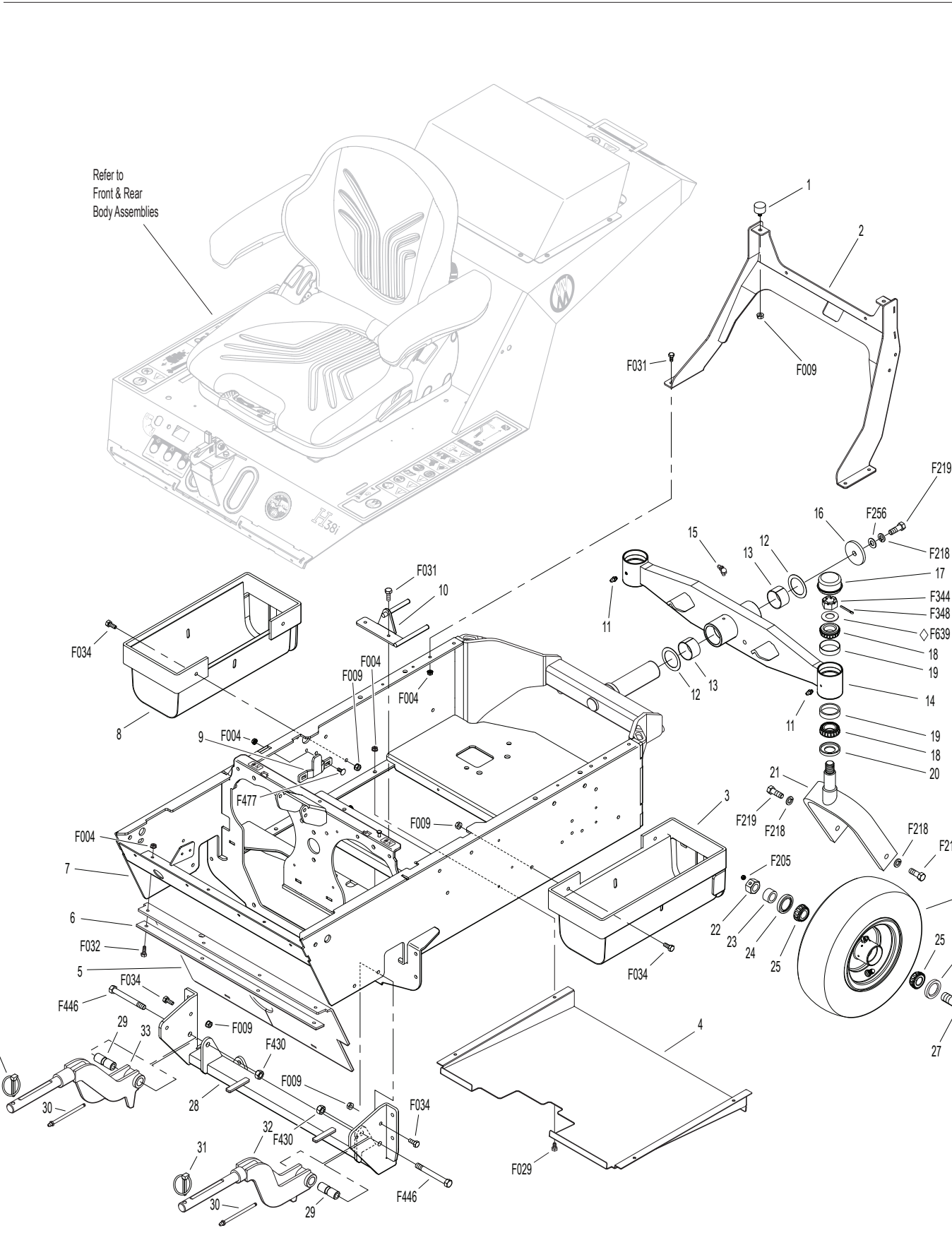
| ITEM NO.                        | PART NO. | DESCRIPTION                    | NO. REQ'D | ITEM NO.                                                                  | PART NO.                    | DESCRIPTION | NO. REQ'D |
|---------------------------------|----------|--------------------------------|-----------|---------------------------------------------------------------------------|-----------------------------|-------------|-----------|
| <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        |             | 12        |
| 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         | F049                                                                      | 5/16 SAE Washer             |             | 4         |
| 9                               | 2504-4   | Hinge (22.5)                   | 1         | F060                                                                      | AN960516 Washer             |             | 2         |
| 10                              | 2100-8   | Front Body                     | 1*        | F091                                                                      | 5/16-18 X 5/8 Hex Bolt      |             | 4         |
| 11                              | 5989-5   | Dome Plug (7/16)               | 1         | F093                                                                      | 5/16-18 x 1 Hex Bolt        |             | 1         |
| 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  | Grammer Seat Mount Channel, RH | 1         | F342                                                                      | 5/16 Conical Washer         |             | 2         |
| 16                              | 6103-45  | Grammer Seat Mount Channel, LH | 1         | F442                                                                      | 1/4-20 x 5/8 PTHMS          |             | 5         |
| 17                              | 5989-4   | Dome Plug (3/8)                | 2         | F613                                                                      | 10-24 x 1/2 Truss Head Torx |             | 12        |
| 18                              | 5989-3   | Dome Plug (5/16)               | 2         |                                                                           |                             |             |           |
| 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         |                                                                           |                             |             |           |



Model H38i Beginning S/N 183326  
Use only genuine **Walker®** replacement parts.

# 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<br>(Includes Items # F004 & F029)    | 1         | 31                                             | 2775     | Lynch Pin (5/16 x 1-1/4)                  | 2         |
| 5                          | 2301-8   | Debris Guard                                       | 1         | 32                                             | 2431-2   | Deck Support Arm, LH (Includes Item # 30) | 1         |
| 6                          | 2301-9   | 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                           | 14        |
| 9                          | 4102-2   | Body Guide, Lower                                  | 1         |                                                | F009     | 5/16-18 Whiz Locknut                      | 10        |
| 10                         | 2325-8   | Belt Guide                                         | 1         |                                                | F029     | 1/4-20 x 1/2 Hex Bolt                     | 4         |
| <b>Tail Wheel Assembly</b> |          |                                                    |           |                                                | F031     | 1/4-20 x 5/8 Hex Bolt                     | 6         |
| 11                         | 5830     | Grease Fitting                                     | 2         |                                                | F032     | 1/4-20 x 3/4 Hex Bolt                     | 4         |
| 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         |                                                | F205     | 5/16-18 x 1/4 Set Screw (Knurl Point)     | 2         |
| 14                         | 2300-10  | Tail Wheel Pivot<br>(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<br>(.750 ID x 1.125 OD)         | 2         | * Service Part Only                            |          |                                           |           |
| 24                         | 8768-2   | Seal, Reverse Lip                                  | 4         |                                                |          |                                           |           |
| 25                         | 8037     | Bearing Cone (3/4 ID)                              | 4         |                                                |          |                                           |           |
| 26                         | 8035-1   | Wheel & Tire (13 x 4.50-6)<br>(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         |                                                |          |                                           |           |



◇ Refer to TAIL WHEEL PIVOT FORK INSTALLATION, Page 20.

# 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<br>(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                   |             | 9         |
| 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         | F060             | AN960516 Washer                          |             | 2         |
| 17                        | 2349-17  | Bearing Mount                                  | 1         | F061             | 1/4 Star Lock Washer                     |             | 1         |
| 18                        | 2406-5   | Spacer                                         | 1         | F069             | 3/32 x 1/2 Cotter Pin                    |             | 1         |
| 19                        | 2236-5   | PTO Pulley (4.5/AAA)                           | 1         | F091             | 5/16-18 x 5/8 Hex Bolt                   |             | 1         |
| 20                        | 2359-1   | Brake Band / Guard Mount                       | 1         | F104             | 1/4-20 x 3/4 PFH Bolt                    |             | 1         |
| 21                        | 7775-8   | Wire Lock Pin (4")                             | 1         | F120             | AN960416 Washer                          |             | 4         |
| 22                        | 2302-5   | PTO Shoe                                       | 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                        | 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 & 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                                     | 1         | F450             | Washer 5/8 x 1-3/4 x 1/4                 |             | 1         |
| 41                        | 2359-3   | Clutch Engagement<br>(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 GR 2         |             | 4         |

\* Service Part Only

This diagram illustrates the exploded view of a hydrostatic drive assembly, showing the relationship between various components and their assembly points. The main components and their assembly points are as follows:

- Engine Group:** The top right section of the diagram shows the engine group, which is the power source for the drive system.
- Hydrostatic Ground Drive Assemblies:** The middle section shows the hydrostatic ground drive assemblies, which are responsible for converting the engine's power into motion for the wheels.
- Chassis Assembly:** The bottom right section shows the chassis assembly, which is the structural frame of the machine.
- Components and Assembly Points:** The diagram includes numerous numbered components (1 through 51) and their corresponding assembly points (F001 through F581). Key components include:
  - Engine Group:** 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36, 37, 38, 39, 40, 41, 42, 43, 44, 45, 46, 47, 48, 49, 50, 51.
  - Hydrostatic Ground Drive Assemblies:** F001, F002, F003, F004, F005, F006, F007, F008, F009, F010, F011, F012, F013, F014, F015, F016, F017, F018, F019, F020, F021, F022, F023, F024, F025, F026, F027, F028, F029, F030, F031, F032, F033, F034, F035, F036, F037, F038, F039, F040, F041, F042, F043, F044, F045, F046, F047, F048, F049, F050, F051.
  - Chassis Assembly:** F052, F053, F054, F055, F056, F057, F058, F059, F060, F061, F062, F063, F064, F065, F066, F067, F068, F069, F070, F071, F072, F073, F074, F075, F076, F077, F078, F079, F080, F081, F082, F083, F084, F085, F086, F087, F088, F089, F090, F091, F092, F093, F094, F095, F096, F097, F098, F099, F100, F101, F102, F103, F104, F105, F106, F107, F108, F109, F110, F111, F112, F113, F114, F115, F116, F117, F118, F119, F120, F121, F122, F123, F124, F125, F126, F127, F128, F129, F130, F131, F132, F133, F134, F135, F136, F137, F138, F139, F140, F141, F142, F143, F144, F145, F146, F147, F148, F149, F150, F151, F152, F153, F154, F155, F156, F157, F158, F159, F160, F161, F162, F163, F164, F165, F166, F167, F168, F169, F170, F171, F172, F173, F174, F175, F176, F177, F178, F179, F180, F181, F182, F183, F184, F185, F186, F187, F188, F189, F190, F191, F192, F193, F194, F195, F196, F197, F198, F199, F200, F201, F202, F203, F204, F205, F206, F207, F208, F209, F210, F211, F212, F213, F214, F215, F216, F217, F218, F219, F220, F221, F222, F223, F224, F225, F226, F227, F228, F229, F230, F231, F232, F233, F234, F235, F236, F237, F238, F239, F240, F241, F242, F243, F244, F245, F246, F247, F248, F249, F250, F251, F252, F253, F254, F255, F256, F257, F258, F259, F260, F261, F262, F263, F264, F265, F266, F267, F268, F269, F270, F271, F272, F273, F274, F275, F276, F277, F278, F279, F280, F281, F282, F283, F284, F285, F286, F287, F288, F289, F290, F291, F292, F293, F294, F295, F296, F297, F298, F299, F300, F301, F302, F303, F304, F305, F306, F307, F308, F309, F310, F311, F312, F313, F314, F315, F316, F317, F318, F319, F320, F321, F322, F323, F324, F325, F326, F327, F328, F329, F330, F331, F332, F333, F334, F335, F336, F337, F338, F339, F340, F341, F342, F343, F344, F345, F346, F347, F348, F349, F350, F351, F352, F353, F354, F355, F356, F357, F358, F359, F360, F361, F362, F363, F364, F365, F366, F367, F368, F369, F370, F371, F372, F373, F374, F375, F376, F377, F378, F379, F380, F381, F382, F383, F384, F385, F386, F387, F388, F389, F390, F391, F392, F393, F394, F395, F396, F397, F398, F399, F400, F401, F402, F403, F404, F405, F406, F407, F408, F409, F410, F411, F412, F413, F414, F415, F416, F417, F418, F419, F420, F421, F422, F423, F424, F425, F426, F427, F428, F429, F430, F431, F432, F433, F434, F435, F436, F437, F438, F439, F440, F441, F442, F443, F444, F445, F446, F447, F448, F449, F450, F451, F452, F453, F454, F455, F456, F457, F458, F459, F460, F461, F462, F463, F464, F465, F466, F467, F468, F469, F470, F471, F472, F473, F474, F475, F476, F477, F478, F479, F480, F481, F482, F483, F484, F485, F486, F487, F488, F489, F490, F491, F492, F493, F494, F495, F496, F497, F498, F499, F500, F501, F502, F503, F504, F505, F506, F507, F508, F509, F510, F511, F512, F513, F514, F515, F516, F517, F518, F519, F520, F521, F522, F523, F524, F525, F526, F527, F528, F529, F530, F531, F532, F533, F534, F535, F536, F537, F538, F539, F540, F541, F542, F543, F544, F545, F546, F547, F548, F549, F550, F551, F552, F553, F554, F555, F556, F557, F558, F559, F560, F561, F562, F563, F564, F565, F566, F567, F568, F569, F570, F571, F572, F573, F574, F575, F576, F577, F578, F579, F580, F581.

9

# ENGINE GROUP

| ITEM NO.                  | PART NO. | DESCRIPTION                                                              | NO. REQ'D | ITEM NO.                 | PART NO. | DESCRIPTION                                                    | NO. REQ'D |
|---------------------------|----------|--------------------------------------------------------------------------|-----------|--------------------------|----------|----------------------------------------------------------------|-----------|
| <b>Fuel Tank Assembly</b> |          |                                                                          |           | <b>Throttle Assembly</b> |          |                                                                |           |
| 1                         | 5082-4   | 2-1/4 Ratchet Fuel Cap (EPA)                                             | 2         | 25                       | 4109-5   | Control Cable (71")                                            | 1         |
| 2                         | 8055-2   | Fuel Tank Gauge                                                          | 2         | 26                       | 5108-1   | Control Lever, Throttle / Choke                                | 1         |
| 3                         | 8043-8   | Roll Over Valve                                                          | 2         | 27                       | 5108-5   | Throttle Control Knob, Red                                     | 1         |
| 4                         | 5977-7   | Roll Over Grommet (.900 x 1-1/2)                                         | 2         | 28                       | 5108-11  | Friction Washer (.062)                                         | 1         |
| 5                         | 5083-8   | Tank Tube (13")                                                          | 2         | 29                       | 7108     | Control Assembly                                               | 1         |
| 6                         | 5879-3   | Hose Clamp (1/2)                                                         | 7         |                          |          | (Includes Items # 26, 28, 30-32 & F642)                        |           |
| 7                         | M111     | Fuel Line (1/4 x 32")                                                    | 1**       |                          | 4108-5   | Throttle Control and Cable Assembly                            | *         |
| 8                         | M113     | Fuel Line (3/16 x 6-1/2")                                                | 1**       |                          |          | (Includes Items # 25-28, 30-33, F002, F005, F050, F164 & F642) |           |
| 9                         | 5083-1   | Bushing, Rubber                                                          | 2         | 30                       | 5108-8   | Control Bracket                                                | 1         |
| 10                        | NS       | Fuel Filter (Kohler)                                                     | 1         | 31                       | 5108-10  | Friction Washer (.125)                                         | 1         |
| 11                        | M111     | Fuel Line (1/4 x 22")                                                    | 1**       | 32                       | 5108-7   | Control Lock Tab                                               | 1         |
| 12                        | 8043-6   | Connector "Y"                                                            | 1         | 33                       | 5172     | Bearing, Delrin (.250 ID x .375 OD x .250)                     | 1         |
| 13                        | 4011-5   | 1/2 NPT Street L                                                         | 1         | <b>Fasteners</b>         |          |                                                                |           |
| 14                        | M111     | Fuel Line (1/4 x 11")                                                    | 1**       |                          | F002     | 10-24 Keps Nut                                                 | 7         |
| 15                        | M113     | Fuel Line (3/16 x 31")                                                   | 1**       |                          | F004     | 1/4-20 Keps Nut                                                | 4         |
| 16                        | 8055-1   | Fuel Tank, 4.7 Gallon, Gas (Black)<br>(Includes Items # 2-5, 9, 17 & 18) | 2         |                          | F005     | 1/4-20 ESNA Nut                                                | 1         |
| 17                        | 5086-7   | Hose (1/4 x 6)                                                           | 2         |                          | F013     | 3/8-16 Whiz Locknut                                            | 4         |
| 18                        | 5020-2   | Fuel Filter, In Tank                                                     | 2         |                          | F025     | 10-24 x 3/8 PPHMS                                              | 6         |
| 19                        | 2010-3   | Fuel Valve                                                               | 1         |                          | F029     | 1/4-20 x 1/2 Hex Bolt                                          | 6         |
| 20                        | 5975-3   | Cable Tie (50# x 7")                                                     | 4         |                          | F042     | 3/8-16 x 2-1/4 Hex Bolt                                        | 4         |
| <b>Engine Assembly</b>    |          |                                                                          |           |                          | F050     | 1/4 SAE Washer                                                 | 1         |
| 21                        | NS       | 38 HP Engine, EFI (Kohler)                                               | *         |                          | F051     | 3/8 SAE Washer                                                 | 4         |
| 22                        | 2013-22  | Muffler Heat Shield Side, RH                                             | 1         |                          | F164     | 10-24 x 1/4 x 3/8 SHL Bolt                                     | 1         |
| 23                        | 2013-12  | Muffler Heat Shield                                                      | 1         |                          | F184     | 1/4-20 x 1/2 Hex Bolt, SS                                      | 4         |
| 24                        | 2013-23  | Muffler Heat Shield Side, LH                                             | 1         |                          | F185     | 1/4 Internal Star Lock Washer, SS                              | 4         |
|                           |          |                                                                          |           |                          | F642     | 1/4 x .042 Belleville Washer                                   | 1         |

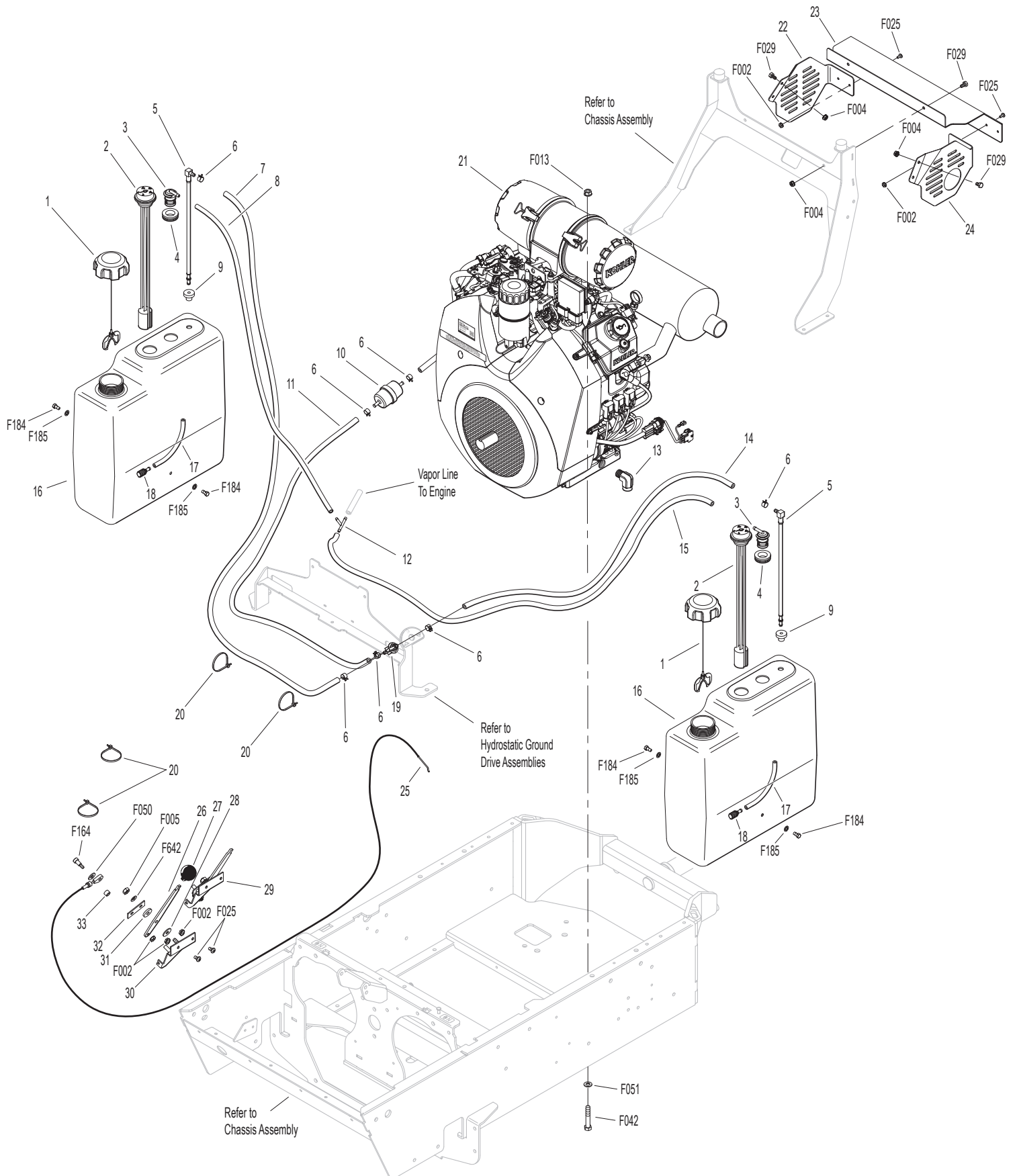
\* Service Part Only

**\*\* 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)

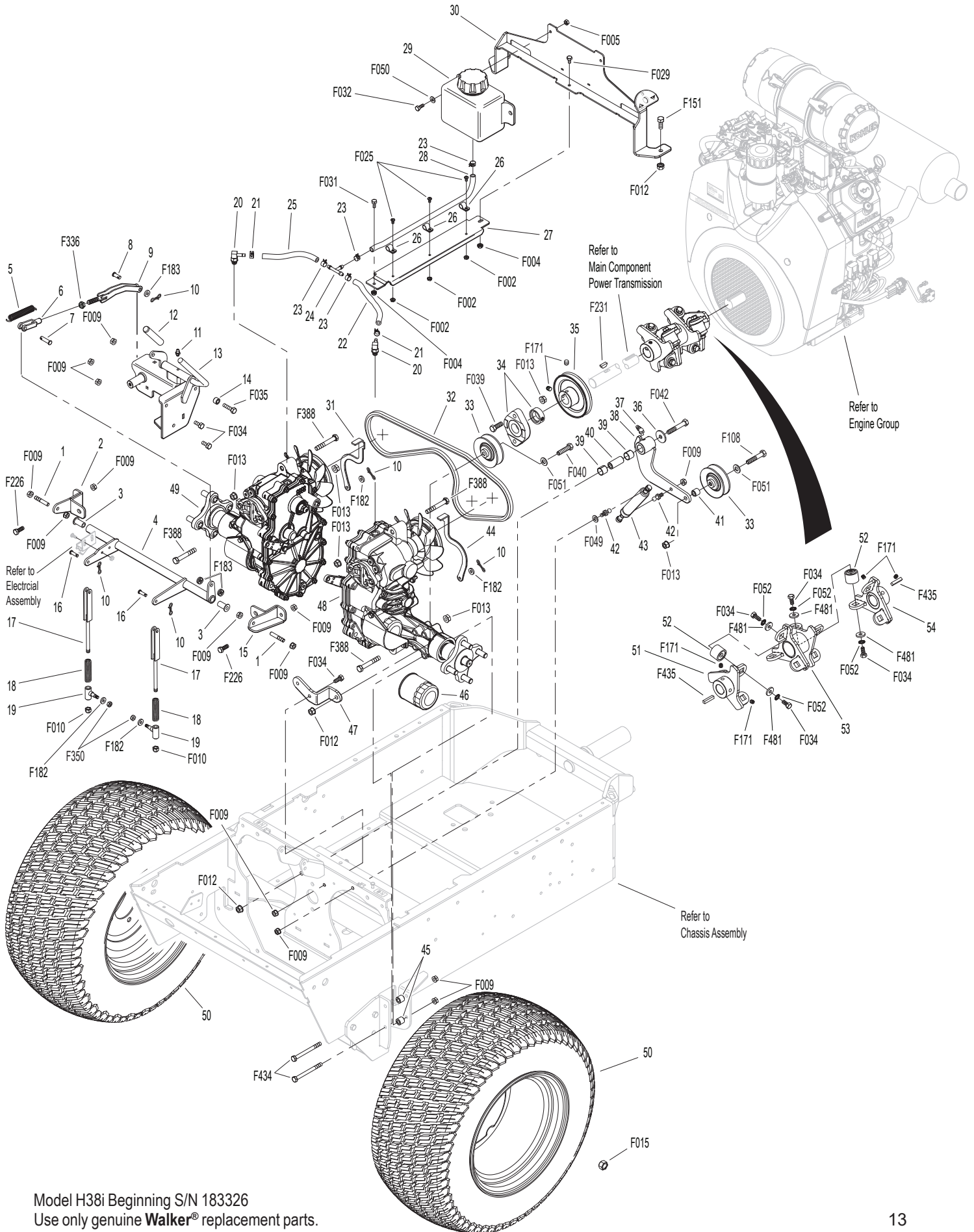
# ENGINE GROUP



# 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>         |          |                                                                 |           | 48                                                                 | 2025-41                       | Hydro-Gear ZT3400, LH                                             | 1         |
| 1                                     | 2358-6   | 5/16-18 x 1-3/4 Stud                                            | 2         | 49                                                                 | 2026-41                       | Hydro-Gear ZT3400, RH                                             | 1         |
| 2                                     | 2300-20  | Parking Brake Hydro Mount, RH                                   | 1         | <b>Wheel Assembly</b>                                              |                               |                                                                   |           |
| 3                                     | 5103-2   | Pivot Bushing (5/16 ID)                                         | 2         | 50                                                                 | 2071                          | Wheel & Tire (22 x 10.50-12)                                      | 2         |
| 4                                     | 2406-3   | Parking Brake Actuator Tube                                     | 1         |                                                                    | 2071-4                        | AT Wheel & Tire (23 x 10.50-12)                                   | **        |
| 5                                     | 5222     | Extension Spring (1/2 x 3-1/4)                                  | 1         | <b>PTO Coupler</b>                                                 |                               |                                                                   |           |
| 6                                     | 2280     | Clevis (3/8)                                                    | 1         | 51                                                                 | 2351-50                       | Flex Coupler Half (1" Bore)<br>(Includes Items # F171 & F435)     | 1         |
| 7                                     | 2406-4   | Clevis Pin (5/16 x 1-1/8)                                       | 1         | 52                                                                 | 2351-1                        | Rubber Iso Coupler                                                | 6         |
| 8                                     | 8655-4   | Clevis Pin (5/16 x 3/4)                                         | 1         | 53                                                                 | 2351-19                       | Inner Flex Coupler Half                                           | 1         |
| 9                                     | 2406-14  | Brake Actuator Pull                                             | 1         | 54                                                                 | 2351-55                       | Flex Coupler Half (1-1/8" Bore)<br>(Includes Items # F171 & F435) | 1         |
| 10                                    | 4407-4   | Bow Tie Cotter Pin                                              | 5         | <b>Fasteners</b>                                                   |                               |                                                                   |           |
| 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<br>(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         |
| <b>Transaxle Reservoir Assemblies</b> |          |                                                                 |           | F029                                                               | 1/4-20 x 1/2 Hex Bolt         |                                                                   | 1         |
| 20                                    | 2025-17  | Straight Thread Hose Fitting                                    | 2         | F031                                                               | 1/4-20 x 5/8 Hex Bolt         |                                                                   | 1         |
| 21                                    | 5879-4   | Hose Clamp (7/16)                                               | 2         | F032                                                               | 1/4-20 x 3/4 Hex Bolt         |                                                                   | 2         |
| 22                                    | M111     | Hose (1/4 x 6-1/2")                                             | 1*        | F034                                                               | 5/16-18 x 3/4 Hex Bolt        |                                                                   | 16        |
| 23                                    | 5879-3   | Hose Clamp (1/2)                                                | 4         | F035                                                               | 5/16-18 x 1-1/4 Hex Bolt      |                                                                   | 1         |
| 24                                    | 8043-9   | 1/4 x 1/4 x 1/4 Tee                                             | 1         | F039                                                               | 3/8-16 x 1-1/4 Hex Bolt       |                                                                   | 2         |
| 25                                    | M111     | Hose (1/4 x 6-1/4")                                             | 1*        | F040                                                               | 3/8-16 x 1-1/2 Hex Bolt       |                                                                   | 1         |
| 26                                    | 5832     | Cable Clamp (1/2)                                               | 3         | F042                                                               | 3/8-16 x 2-1/4 Hex Bolt       |                                                                   | 1         |
| 27                                    | 2025-19  | Hose Channel                                                    | 1         | F049                                                               | 5/16 SAE Washer               |                                                                   | 1         |
| 28                                    | M111     | Hose (1/4 x 15")                                                | 1*        | F050                                                               | 1/4 SAE Washer                |                                                                   | 2         |
| 29                                    | 2024-1   | Oil Expansion Reservoir (1 Qt.)                                 | 1         | F051                                                               | 3/8 SAE Washer                |                                                                   | 2         |
| 30                                    | 2025-18  | Reservoir Bottle Mount                                          | 1         | F052                                                               | 5/16 Ext. Star Lock Washer    |                                                                   | 12        |
| <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                                    | 2248-1   | Ground Drive Belt                                               | 1         | F171                                                               | 5/16-18 x 3/8 Set Screw       |                                                                   | 6         |
| 33                                    | 4245     | Idler Pulley (3/A)                                              | 2         | F182                                                               | 1/4 x 5/8 x 1/8 Washer        |                                                                   | 4         |
| 34                                    | 4349-12  | Flanged Bearing (1")                                            | 1         | F183                                                               | .312 x .700 x .074 Washer     |                                                                   | 3         |
| 35                                    | 2240-2   | Drive Pulley (Includes Item # F171)                             | 1         | F226                                                               | 5/16-18 x 7/8 Hex Bolt        |                                                                   | 2         |
| 36                                    | 5841     | Retainer Washer (3/8 x 1-1/4)                                   | 1         | F231                                                               | 1/4 x 3/4 Woodruff Key (#806) |                                                                   | 1         |
| 37                                    | 5830-3   | Grease Fitting (45 Deg.)                                        | 1         | F336                                                               | 3/8-16 Jam Nut                |                                                                   | 1         |
| 38                                    | 2349-14  | Transmission Belt Tensioner<br>(Includes Items # 37 & 39)       | 1         | F350                                                               | 1/4-20 LP Nylock              |                                                                   | 2         |
| 39                                    | 7201-3   | Fiberglide Bearing                                              | 2         | F388                                                               | 3/8-16 x 2-1/2 Hex Bolt       |                                                                   | 4         |
| 40                                    | 7201-4   | Inner Race (1-1/2)                                              | 1         | F434                                                               | 5/16-18 x 3-1/2 Hex Bolt      |                                                                   | 4         |
| 41                                    | 6325-3   | Spacer Bushing (9/16)                                           | 1         | F435                                                               | 1/4 x 1/4 x 1-1/4 Key         |                                                                   | 2         |
| 42                                    | 5146     | 10mm Ball Stud                                                  | 2         | F481                                                               | Washer 5/16 x 1 x .125        |                                                                   | 12        |
| 43                                    | 2215-6   | Pressure Dampener                                               | 1         | <b>* Required hose specifications:</b>                             |                               |                                                                   |           |
| 44                                    | 2028-7   | Lockout Arm, LH                                                 | 1         | M111 - 1/4" ID fuel/oil/vapor hose (Gates 4219-0103 or equivalent) |                               |                                                                   |           |
| 45                                    | 9430-1   | Spacer Tube                                                     | 4         | <b>** Service Part Only</b>                                        |                               |                                                                   |           |
| 46                                    | 2026-6   | Hydro-Gear® Oil Filter (52114)                                  | 2         |                                                                    |                               |                                                                   |           |
| 47                                    | 2349-15  | Idler Mount                                                     | 1         |                                                                    |                               |                                                                   |           |

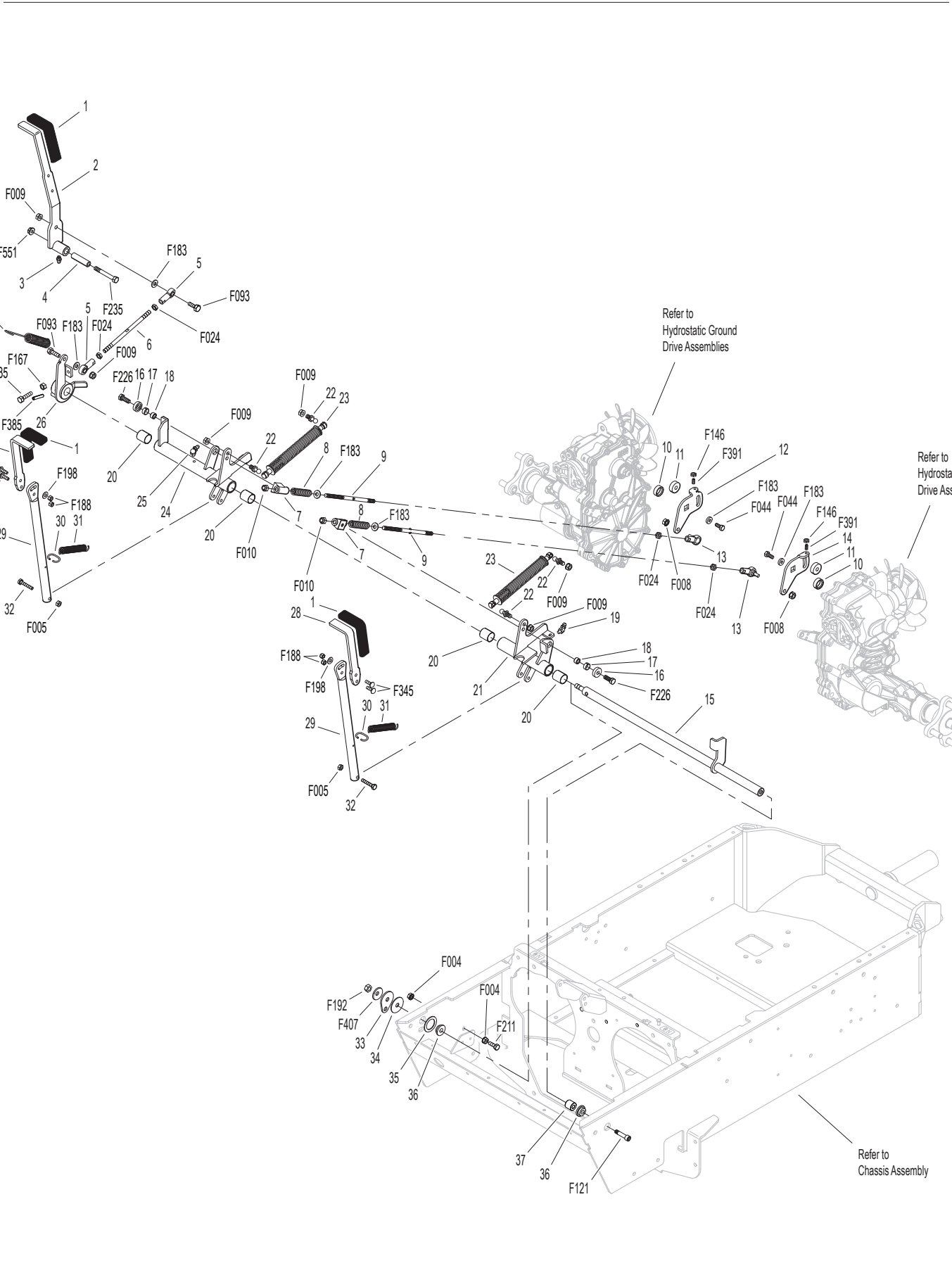
## HYDROSTATIC GROUND DRIVE ASSEMBLIES



Model H38i Beginning S/N 183326  
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                                          | 5463-4   | 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         |                     | F093     | 5/16-18 x 1 Hex Bolt                        | 2         |
| 16                                         | 5463-6   | Washer 5/16 x 3/4 x .250                                                            | 2         |                     | F121     | 5/16-18 x 3/8 x 1 SHL Bolt                  | 1         |
| 17                                         | 7201-2   | Fiberglide Bearing (1/2")                                                           | 2         |                     | F146     | 1/4-20 Jam Nut                              | 2         |
| 18                                         | 5463-5   | Steering Arm Pivot Bushing (SS)                                                     | 2         |                     | F167     | 5/16-18 Hex Nut                             | 1         |
| 19                                         | 5830-3   | Grease Fitting (45 Degree)                                                          | 1         |                     | F183     | .312 x .700 x .074 Washer                   | 6         |
| 20                                         | 8201-3   | Fiberglide Bearing                                                                  | 4         |                     | F188     | 1/4-20 Self-Locking Nut                     | 4         |
| 21                                         | 2451-7   | Speed Control Actuator, LH (Includes Items # 19 & 20)                               | 1         |                     | F192     | 3/8-24 Self-Locking Nut                     | 1         |
| 22                                         | 5146     | 10mm Ball Stud                                                                      | 4         |                     | F198     | .250 x .625 x .040 Washer, SS               | 2         |
| 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         |                     | F345     | 1/4-20 x .770 Knurled Bolt                  | 4         |
| 27                                         | 4219     | Extension Spring (3/4 x 6-1/2)                                                      | 1         |                     | F385     | 1/4 x 1-1/4 Roll Pin                        | 1         |
| 28                                         | 5453-20  | Steering Lever Handle (+1") Adjustable / SS (Includes Items # 1, F188, F198 & F345) | 2         |                     | F391     | 1/4-20 x 1/2 Set Screw, SS                  | 2         |
| 29                                         | 4452-4   | 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 |          |                                             |           |

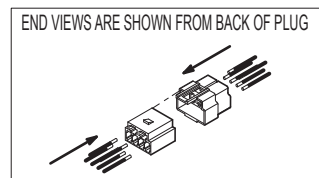
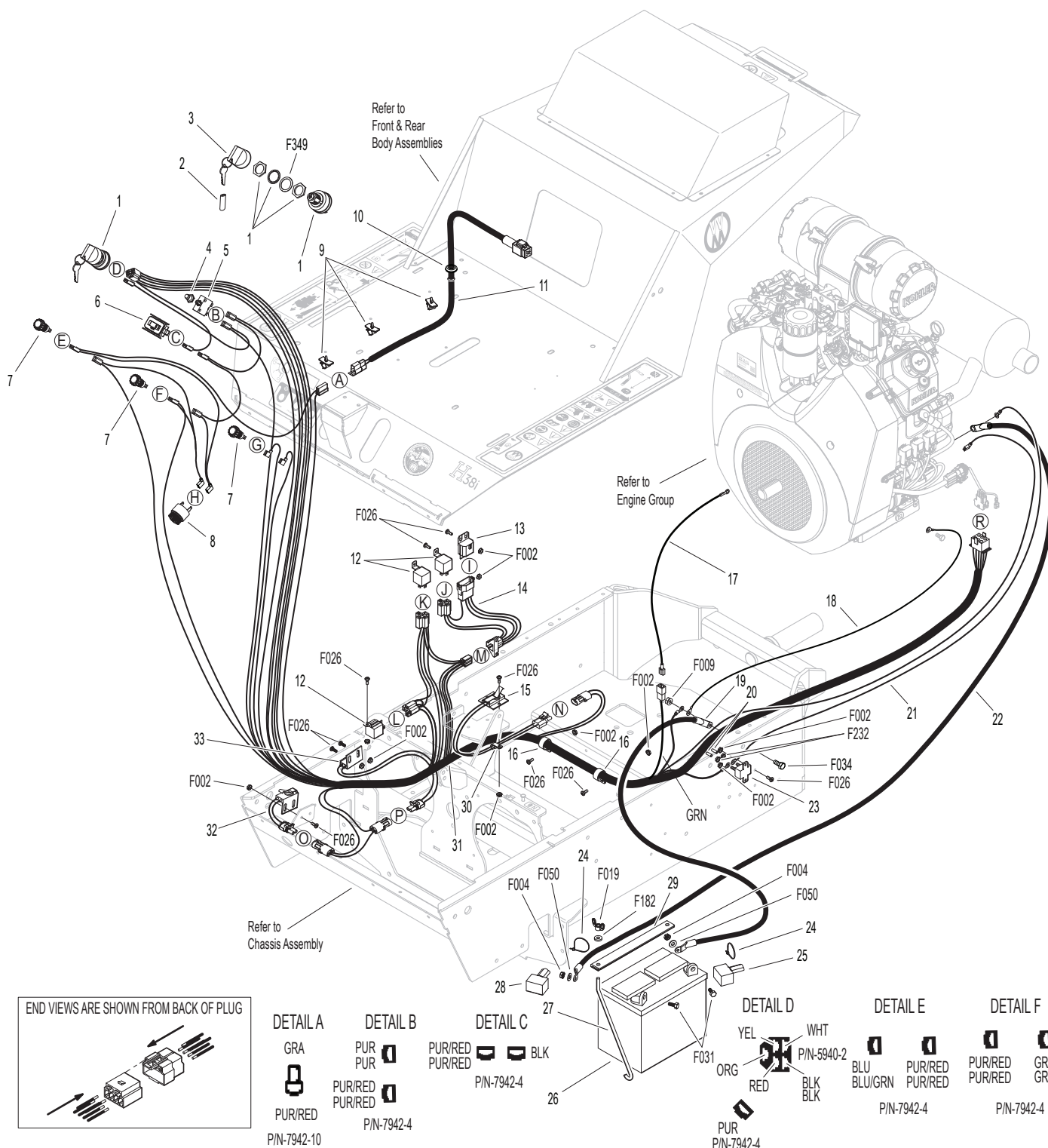


Model H38i Beginning S/N 183326  
Use only genuine **Walker®** replacement parts.

# ELECTRICAL ASSEMBLY

| ITEM NO.                   | PART NO. | DESCRIPTION                                              | NO. REQ'D | ITEM NO.         | PART NO.                    | DESCRIPTION                                     | NO. REQ'D |
|----------------------------|----------|----------------------------------------------------------|-----------|------------------|-----------------------------|-------------------------------------------------|-----------|
| <b>Electrical Assembly</b> |          |                                                          |           | 23               | 8941                        | Circuit Breaker (30 Amp)<br>(Auto Reset/Sealed) | 1         |
| 1                          | 8960-15  | Ignition Switch W/Keys<br>(Includes Items # 2, 3 & F349) | 1         | 24               | 5975-1                      | Cable Tie (18# x 3-3/4")                        | 2         |
| 2                          | 7854     | Plastic Tip, Red                                         | 1         | 25               | 5932                        | Battery Terminal Insl., Blk (-)                 | 1         |
| 3                          | 8960-3   | Key Set W/Umbrella                                       | 1         | 26               | NS                          | Battery (12V/350 CCA/Wet/SP-40)                 | 1         |
| 4                          | 7941-3   | Boot, Circuit Breaker                                    | 1         | 27               | 5839                        | Hook Bolt                                       | 2         |
| 5                          | 7941-7   | Circuit Breaker (20 Amp)                                 | 1         | 28               | 5933                        | Battery Terminal Insl., Red (+)                 | 1         |
| 6                          | 8990-1   | Hourmeter (Global)                                       | 1         | 29               | 5844                        | Battery Hold-Down Bar                           | 1         |
| 7                          | 8996-9   | Red Indicator Light Assembly                             | 3         | 30               | 5833                        | Cable Clamp (1/4)                               | 1         |
| 8                          | 8536-2   | Warning Horn Assembly                                    | 1         | 31               | 2940-19                     | Wire Harness                                    | 1         |
| 9                          | 6105-3   | Harness Clip                                             | 3         | 32               | 5942-4                      | Safety Switch (NO)                              | 1         |
| 10                         | 5977-3   | Grommet (9/16)                                           | 1         | 33               | 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<br>(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         |

# ELECTRICAL ASSEMBLY



**DETAIL A**  
GRA  
PUR/RED  
P/N-7942-10

**DETAIL B**  
PUR PUR  
PUR/RED PUR/RED  
P/N-7942-4

**DETAIL C**  
PUR/RED PUR/RED  
BLK  
P/N-7942-4

**DETAIL D**  
YEL WHT  
ORG RED  
PUR  
P/N-7942-4

**DETAIL E**  
BLU BLU/GRN  
PUR/RED PUR/RED  
P/N-7942-4

**DETAIL F**  
PUR/RED PUR/RED  
GRN GRN  
P/N-7942-4

**DETAIL G**  
RED/YEL BLU  
P/N-7996-2

**DETAIL H**  
PUR/RED BLU  
PUR/RED PUR/RED  
P/N-7996-2

**DETAIL I**  
GRN BLK BRN GRA  
P/N-NS

**DETAIL J**  
WHT GRN RED  
P/N-7942-5 GRN

**DETAIL K**  
YEL/BRN BRN BRN  
YEL PUR/RED PUR/RED  
P/N-7942-5

**DETAIL L**  
ORG BRN BRN  
PUR/RED PUR/RED  
P/N-7942-5

**DETAIL M**  
WHT GRN BLK  
GRA RED BRN  
P/N-8942-1

**DETAIL N**  
BLK BLK/BRN  
P/N-7939-2

**DETAIL O**  
BRN BLK/BRN  
P/N-7939-2

**DETAIL P**  
BRN BRN  
P/N-7939-2

**DETAIL R**  
YEL/BRN BLU  
BLU/GRN WHT  
PUR RED/YEL  
P/N-NS

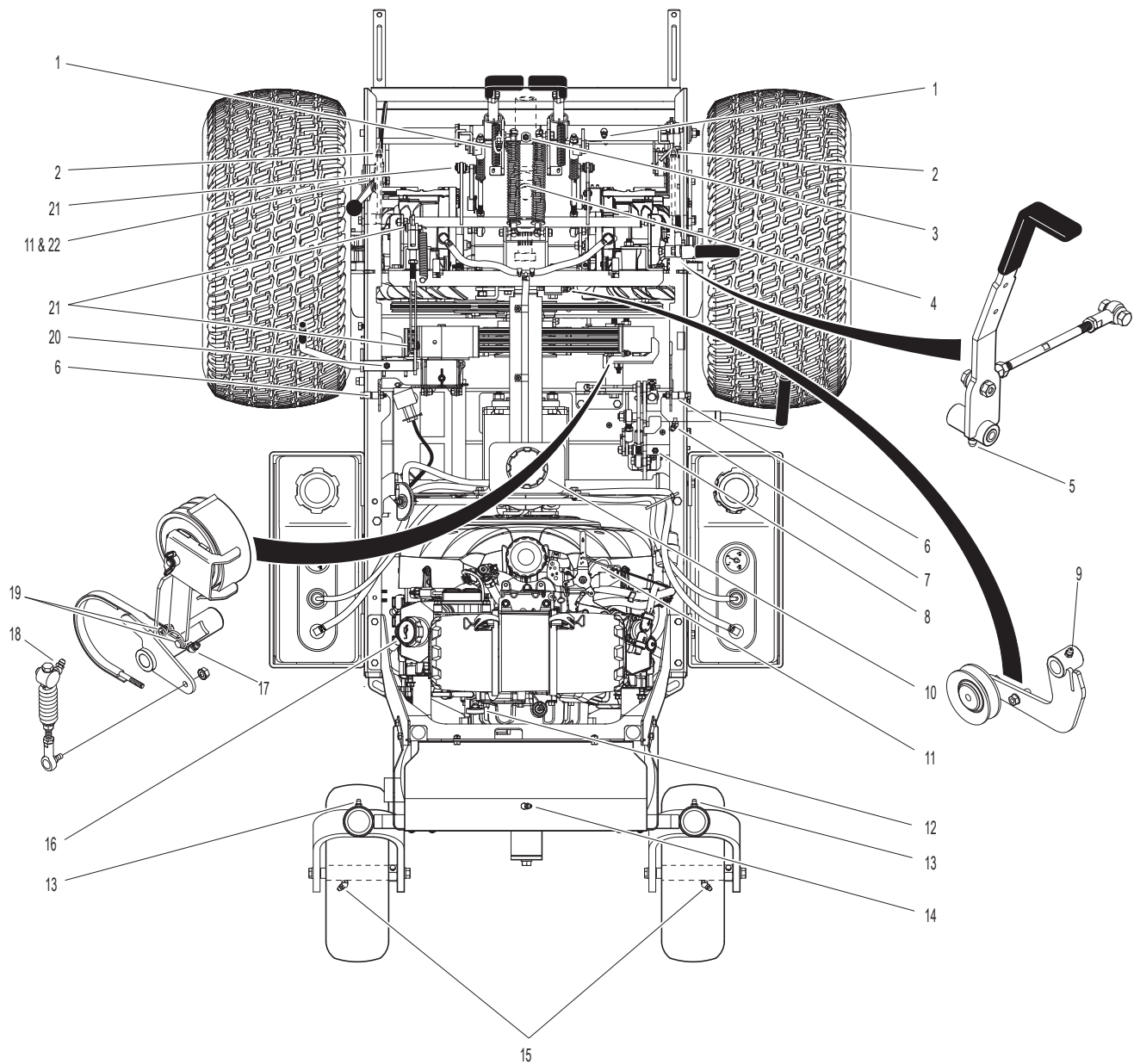
**DETAIL Q**  
PUR/RED PUR/RED  
GRA WHT BLK  
WHT WHT  
P/N-5940-2

Model H38i Beginning S/N 183326  
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> |                                                    |                  |            | 15                                                                                                         | Rear Wheel Bearing             | Grease           | 2          |
| 1                         | Steering Lever Pivot                               | Grease           | 2          | 16                                                                                                         | Engine Oil Fill                | Oil**            | 1          |
| 2                         | Deck Support Arm Pivot                             | Grease           | 2          | 17                                                                                                         | PTO Belt Tightener Idler Pivot | Grease           | 1          |
| 3                         | Deck-to-PTO Coupling<br>(Grease Spline Slide Area) | Grease           | 1          | 18                                                                                                         | Clutch Actuator Push Rod       | Grease           | 1          |
| 4                         | Universal Joint Tube Assembly                      | Grease*          | 1          | 19                                                                                                         | Brake Band Pivot Pins (Clevis) | Oil              | 2          |
| 5                         | FSC Lever Pivot                                    | Grease           | 1          | 20                                                                                                         | Parking Brake Lever Pivot      | Grease           | 1          |
| 6                         | Body Latch Pivot                                   | Oil              | 2          | 21                                                                                                         | Parking Brake Clevis           | Oil              | 3          |
| 7                         | PTO Clutch Lever Pivot                             | Grease           | 1          | 22                                                                                                         | Throttle Control Pivot         | Oil              | 1          |
| 8                         | Clutch Arm Pivot                                   | Grease           | 1          | * Grease every 25 hours.                                                                                   |                                |                  |            |
| 9                         | Hydro Idler Arm Pivot                              | Grease           | 1          | ** Refer to H38i <b>Operator's Manual</b> for procedure for checking and changing oil in Engine Crankcase. |                                |                  |            |
| 10                        | Transaxle Oil Reservoir                            | Oil/20W-50       | 1          | <b>NOTE:</b> See Model H38i <b>Operator's Manual</b> (P/N 2000-42) for proper lubrication intervals.       |                                |                  |            |
| 11                        | Throttle Control Cable Ends                        | Oil              | 2          |                                                                                                            |                                |                  |            |
| 12                        | Engine Dipstick                                    | Oil**            | 1          |                                                                                                            |                                |                  |            |
| 13                        | Tail Wheel Caster Fork Pivot                       | Grease           | 2          |                                                                                                            |                                |                  |            |
| 14                        | Rear Axle Pivot                                    | Grease           | 1          |                                                                                                            |                                |                  |            |

# LUBRICATION POINTS



# TAIL WHEEL PIVOT FORK INSTALLATION

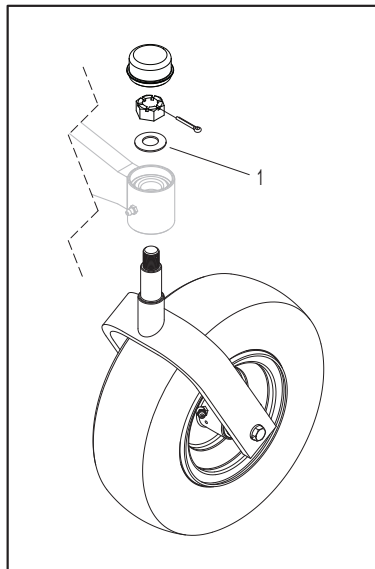
| ITEM NO. | DESCRIPTION | ITEM NO. | DESCRIPTION |
|----------|-------------|----------|-------------|
|----------|-------------|----------|-------------|

## Tail Wheel Pivot Assembly

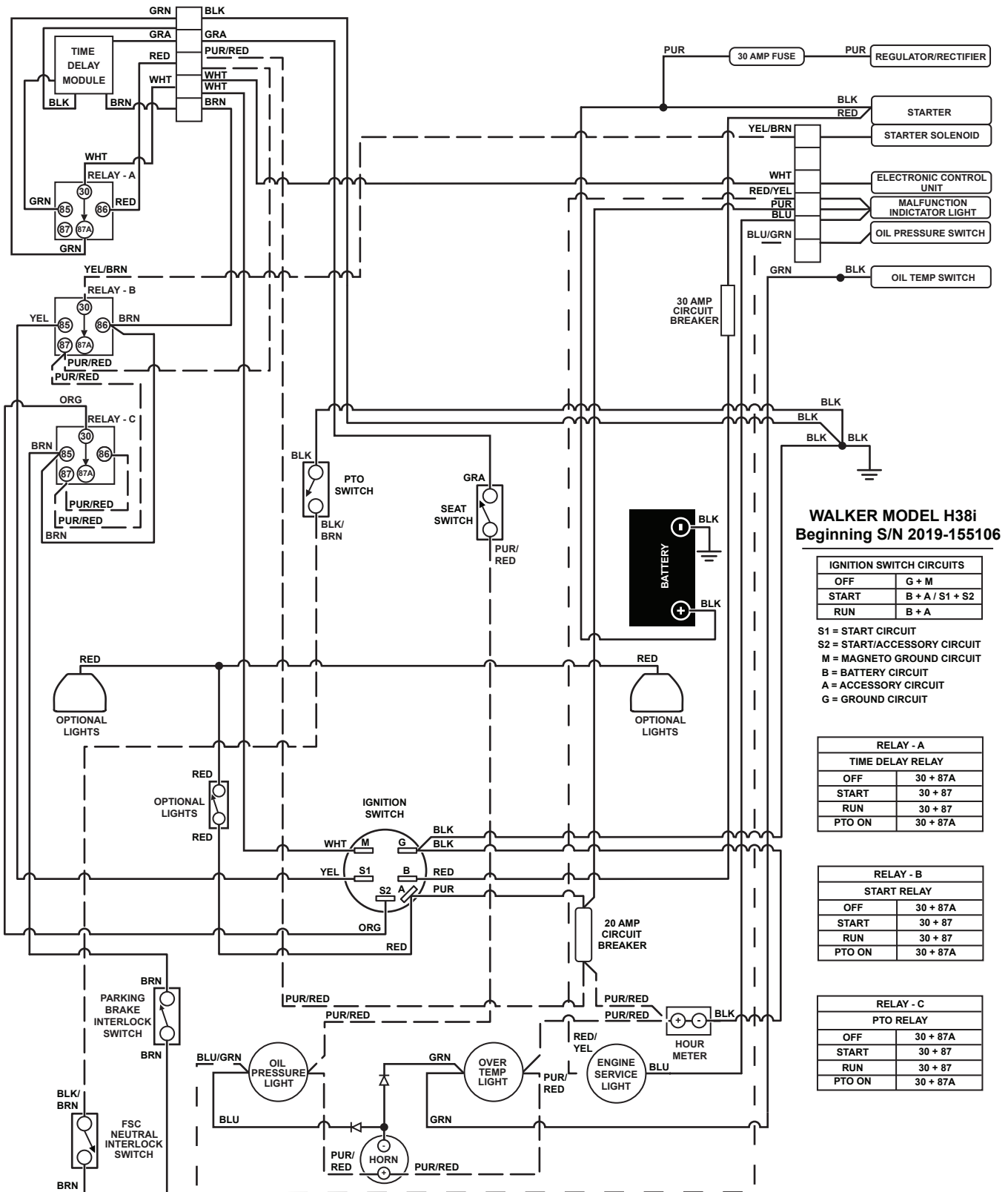
- 1 Installing the Tail Wheel Fork with a Belleville Washer:
  - a. Install the fork up into the bearing housing through the lower and upper tapered roller bearings. Rotate the fork as the seal is engaging onto the shaft to prevent the seal lip from rolling.
  - b. Place a Belleville washer onto the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



## MAINTENANCE AND SERVICE RECORD SHEET

[illegible]

## MAINTENANCE AND SERVICE RECORD SHEET

[illegible]

## MAINTENANCE AND SERVICE RECORD SHEET

[illegible]

## **LIMITED WARRANTY FOR WALKER MODEL H38i 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**

**WALKER MFG. CO. • 5925 E. HARMONY ROAD, FORT COLLINS, CO 80528 • (970) 221-5614**  
**FORM NO. 071824      PRINTED IN USA      [www.walker.com](http://www.walker.com)      ©2024 WALKER MFG. CO**