

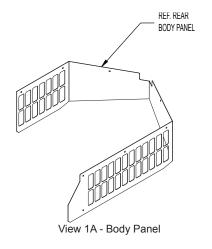
TECHNICAL SERVICES DEPARTMENT UPGRADE KIT

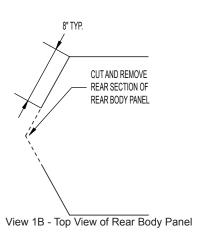
A51 POWER DUMP KIT 10.0 for MD/MT

DESCRIPTION: This kit is offered to install the Power Dump in the field on Models MD/MT that have a 10.0 bushel catcher S/N 100982 and on. The power dump affords the operator the convenience of emptying the catcher box without leaving the operator's seat by using a switch mounted to the front right of the seat.

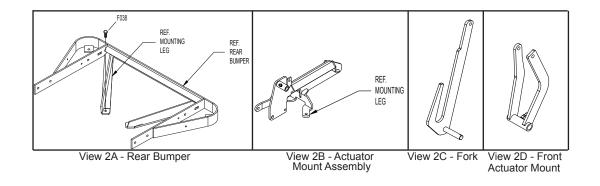
INSTRUCTIONS:

Remove rear body panel (see View 1A) from catcher support frame. Cut out rear portion of body panel (see View 1B). Note: On some tractors the body panel may already be cut as shown in View 1B.

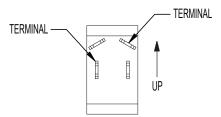




2. Remove the two (2) bolts that secure angle braces for rear bumper (see View 2A). Position the actuator mount assembly (View 2B), fork (View 2C), and front actuator mount (View 2D), as shown in parts breakdown. Attach actuator mount assembly to the upright mount on the tail wheel bearing housing (View 2E) using only the top bolt shown in parts break down. Using new bolts, attach mounting legs on rear bumper (that were removed in first part of this instruction) including the mounting legs for the actuator mount assembly, as shown in parts breakdown.

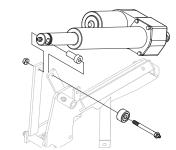


- 3. Rotate top of fork to the rear of mower and place roller wheels into the RH and LH channel angles coming in from the bottom. Install remaining bolts at the bottom of the channel angles. Reattach gas spring that was removed earlier to tab on LH channel angle, as shown in parts breakdown.
- Install rear mount of linear actuator onto pin of actuator mount assembly (View 2B) and secure 4. with F134 washer and F068 cotter pin, as shown in parts breakdown.
- Mount lift control switch in front body hole. Mount switch as shown in View 3. Install wire harness! from linear actuator to lift control switch along main wire harness using wire ties provided with kit. Attach black wire to chassis ground and red wire to fused side of circuit breaker. Reinstall the circuit breaker insulated cover. Secure the wires using a cable tie if needed to ensure they will not rub. Connect the harness to control switch and actuator motor. Check operation of actuator, pushing down on switch should extend ram of actuator. Attach decal to front body next to switch.



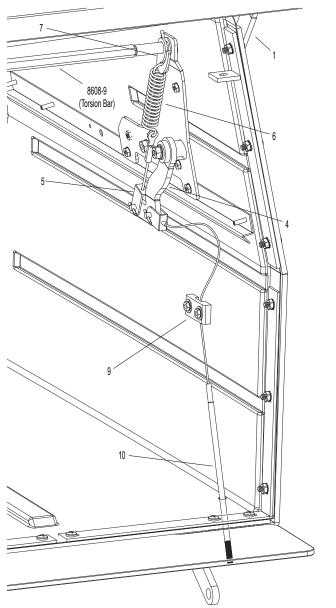
View 3- View of Switch Back on Inside of Tractor

6. Extend ram of actuator to maximum length. Insert pivot tube and spacer (View 4) into end of ram and position ram in front actuator mount (View 4). Install bolt and roller bearing (View 4). Lower catcher box and check operation of lifting action.



View 4 - Installing Pivot Tube and Spacer on Actuator, and Bolt and Roller Bearing on Actuator mount

- 7. Remove the cotter pins on both ends of the torsion bar (inside catcher box) (View 5). Insert spring hook ends on both ends of torsion bar and reinstall bar with new cotter pins.
- Remove existing lower arms (outside of 8. catcher box) and install new arms on both sides.

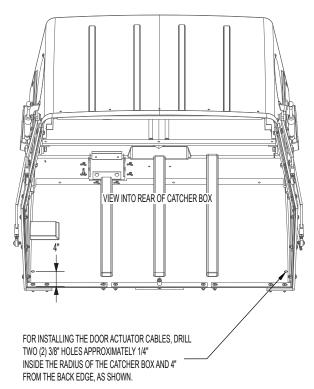


View 5 - Mounting Sequence for Door Actuator Arms

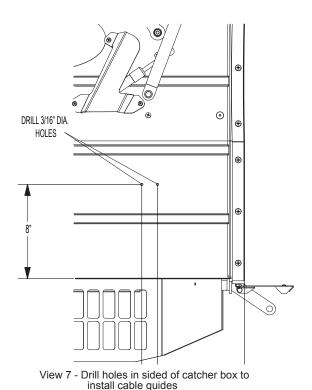
Ε

Ε

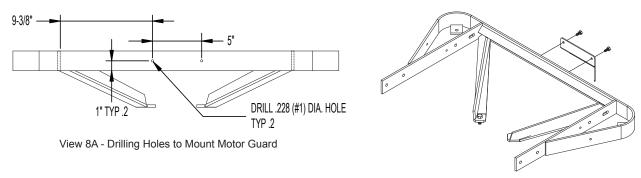
- Install new actuator arms on both sides and 9. orient each one as shown in parts breakdown.
- 10. Assemble door springs to spring hooks (attached to torsion bar) and attach extension spring clevis end to door actuator, as shown in View 5.
- 11. Attach cable assembly to door actuator arms with clevis pin, as shown in View 5. Drill two 3/8" holes in the grass catcher bottom, as shown in (View 6) and install threaded end of cable assembly through each hole. Attach ball joints to cable ends. Attach ball joints to bumper strap.
- Tilt the catcher to the full back position using the dump switch. Check the tension of both cables. The tension should be equal. Adjust accordingly with the ball joints. Tighten the jam nuts.
- 13. Drill holes in both sides of the catcher box (as shown in View 7) to install cable guides inside catcher. Install guides on both sides, as shown in parts breakdown.



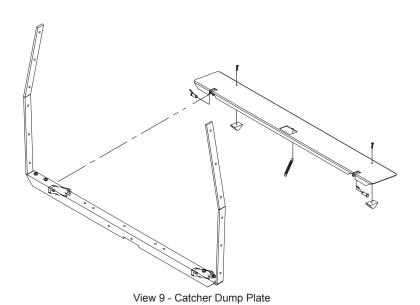
View 6 - Drilling Reference for holes for dump cables



- 14. Plug the catcher harness into the main harness. With the ignition switch in the run position and the PTO engaged, check the operation of the Powerfil.
- 15. Drill two (2) holes on the rear bumper (View 8A) using a #1 drill bit (.228) and mount motor guard (View 8B).
- 16. Attach catcher dump plate to catcher pivot mount arms using clevis pin (View 9). Attach dump plate slides to dump plate assembly (View 9). Attach spring to dump plate assembly, as shown.

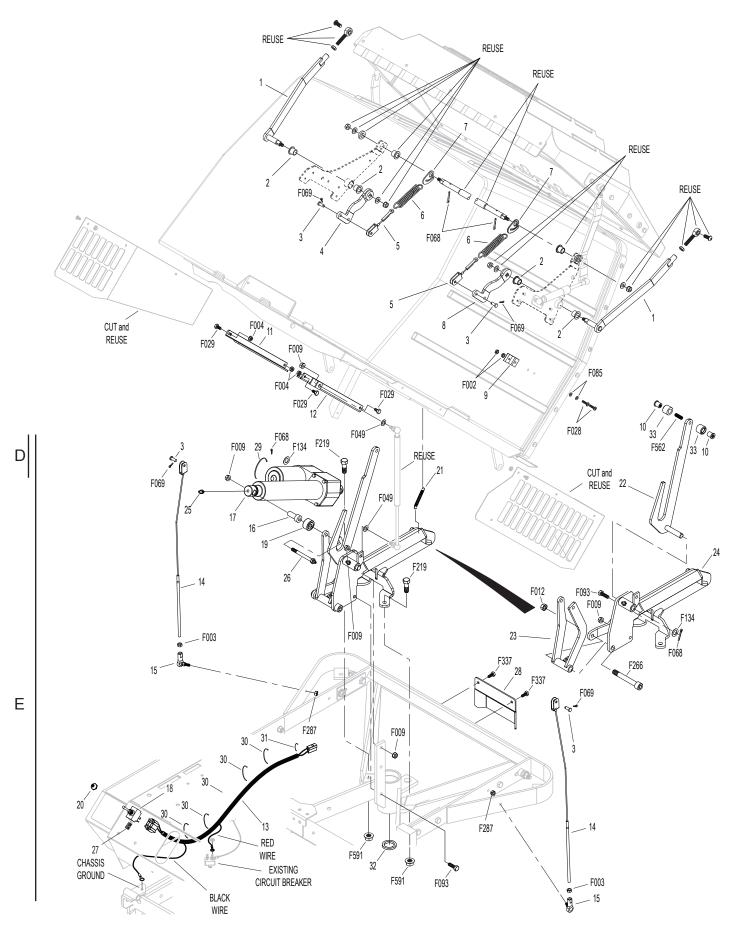


View 8B - Mounting Motor Guard



1	ITEM	PART	DECODIDATION	QTY
2 7620-3 Pivot Bushing (1/2 x 9/16) 4 3 7523-2 Clevis Pin WiHole (1/4 x 5/8) 4 4 8623-6 Inner Power Dump Arm, RH 1 5 8623-3 Extension Spring Cable 2 6 5221-2 Ext Spring (3/4 x 3-1/2') 2 7 8623-5 Torsion Spring Hook 2 8 8623-7 Inner Power Dump Arm, LH 1 9 7620-6 Cable Guide 2 10 7620-16 Rollier Bushing 2 11 7628-1 Channel Angle/LH 1 12 7629 Channel Angle/LH 1 13 7622-4 Wire Harness/Power Dump 1 IF 14 8623-2 Power Dump Cable/10.0 2 15 5552 Ball Joint (1/4-28) 2 16 7630-4 Ram Pivot & Spacer 1 17 7721-1 Linear Actuator (13.898) 1 IC 18 6623 Toggle Switch 1 19 7624 Sealed Needle Bearing 1 20 6623-1 Switch Boot 1 21 7610-5 Extension Spring (1/4 x 2-7/8) 1 22 7625-3 Fork 1 23 7627 Front Actuator Mount 1 24 7636-1 Actuator Mount 1 25 5830 Grease Fitting 1 26 7624-1 Roller Bearing Bolt 1 27 7633 Decal, Power Dump Hotor 1 28 8620-5 Guard, Power Dump Hotor 1 29 5975-7 Cable Tie (50# x 1") 5 31 5975-1 Cable Tie (50# x 1") 5 31 5975-3 Cable Tie (50# x 1") 5 31 5975-3 Cable Tie (50# x 1") 5 31 5975-3 Cable Tie (50# x 1") 5 4 FOO2 FOO2 FOO3 1/4-20 Reps Nut 4 4 FOO4 FOO4 1/4-20 Reps Nut 4 5 FOO4 FOO3 1/4-20 Reps Nut 4 5 FOO3 FOO3 1/4-20 Reps Nut 4 5 FOO4 FOO3 1/4-20 Reps Nut 4 5 FOO4 FOO3 1/4-20 Reps Nut 4 5 FOO6 FOO9 5/16-18 Whiz Locknut 4 5 FOO9 FOO9 5/16-18 Whiz Locknu	NO.	NO.	DESCRIPTION	REQ'D_
3			·	
4 8623-6 Inner Power Dump Arm, RH 1 5 8623-3 Extension Spring Cable 2 6 5221-2 Ext Spring (3/4 x 3-1/2") 2 7 8623-5 Torsion Spring Hook 2 8 8623-7 Inner Power Dump Arm, LH 1 9 7620-6 Cable Guide 2 10 7620-6 Roller Bushing 2 11 7628-1 Roller Bushing 2 11 7628-1 Channel Angle/RH 1 12 7629 Channel Angle/RH 1 13 7622-4 Wire Harness/Power Dump 1 F 14 8623-2 Power Dump Cable/10.0 2 1 15 5552 Ball Joint (14-28) 2 2 16 7630-4 Ram Pivot & Spacer 1 I 17 7721-1 Linear Actuator (13.898) 1 I 18 6623 Toggle Switch 1 1 20 <td< td=""><td></td><td></td><td></td><td></td></td<>				
5 8823-3 Extension Spring Cable 2 6 5221-2 Ext Spring (3/4 x 3-1/2") 2 7 8623-5 Torsion Spring Hook 2 8 8623-7 Inner Power Dump Arm, LH 1 9 7620-6 Cable Guide 2 10 7620-16 Roller Bushing 2 11 7628-1 Channel Angle/RH 1 12 7629 Channel Angle/RH 1 13 7622-4 Wire Harness/Power Dump 1 14 8623-2 Power Dump Cable/10.0 2 15 5552 Ball Joint (1/4-28) 2 16 7630-4 Ram Pivot & Spacer 1 17 7721-1 Linear Actuator (13.898) 1 IC 18 6623 Toggle Switch 1 1 19 7624 Sealed Reedle Bearing 1 1 20 6623-1 Switch Boot 1 1 21 7610-5 Extension Spring			,	
6			•	
7 8623-5 Torsion Spring Hook 2 8 8623-7 Inner Power Dump Arm, LH 1 9 7620-6 Cable Guide 2 10 7620-16 Roller Bushing 2 11 7628-1 Channel Angle/LH 1 12 7629 Channel Angle/LH 1 13 7622-4 Wire Hamess/Power Dump 1 F 14 8623-2 Power Dump Cable/10.0 2 2 15 5552 Ball Joint (1/4-28) 2 2 16 7630-4 Ram Pivot & Spacer 1 1 F 17 7721-1 Linear Actuator (13.898) 1 C 1 1 C 1 1 C 1 1 C 1 C 1 1 C 1 1 C 1 1 C 1 1 C 1 1 C 1 2 1 C 1 1	6			
8 8623-7 Inner Power Dump Arm, LH 1 9 7620-6 Cable Guide 2 10 7620-16 Roller Bushing 2 11 7628-1 Channel Angle/RH 1 12 7629 Channel Angle/RH 1 13 7622-4 Wire Harness/Power Dump 1 F 14 8623-2 Power Dump Cable/10.0 2 15 5552 Ball Joint (1/4-28) 2 16 7630-4 Ram Pivot & Spacer 1 17 7721-1 Linear Actuator (13.898) 1 C 18 6623 Toggle Switch 1 C 19 7624 Sealed Needle Bearing 1 C 20 6623-1 Switch Boot 1 C 21 7610-5 Extension Spring (1/4 x 2-7/8) 1 1 22 7625-3 Fork 1 1 23 7627 Front Actuator Mount 1 1 <		_		
9 7620-6 Cable Guide 2 10 7620-16 Roller Bushing 2 11 7628-1 Channel Angle/RH 1 12 7629 Channel Angle/LH 1 13 7622-4 Wire Harness/Power Dump 1 I F 14 8623-2 Power Dump Cable/10.0 2 15 5552 Ball Joint (1/4-28) 2 16 7630-4 Ram Pivot & Spacer 1 17 7721-1 Linear Actuator (13.898) 1 C 18 6623 Toggle Switch 1 19 7624 Sealed Needle Bearing 1 20 6623-1 Switch Boot 1 21 7610-5 Extension Spring (1/4 x 2-7/8) 1 22 7625-3 Fork 1 23 7627 Front Actuator Mount 1 24 7636-1 Actuator Mount 1 25 5830 Grease Fitting 1 26 7624-1 Roller Bearing Bolt 1 27 7633 Decal, Power Dump 1 28 8620-5 Guard, Power Dump 1 29 5975-7 Cable Tie (50# x 11") 1 30 5975-1 Cable Tie (50# x 7") 5 31 5975-1 Cable Tie (50# x 3") 5 33 7620-15 Roller Wheel 2 F002 F002 10-24 Keps Nut 6 F003 F003 1/4-28 Hex Nut 4 F004 F004 1/4-20 Keps Nut 4 F009 F009 5/16-18 Whitz Locknut 4 F009 F009 F009 5/16-18 Whitz Locknut 4 F009 F009 5/16-18 Whitz Locknut 4 F009 F009 F009 F009 F009 F009 F009 F009				
10			•	
11 7628-1 Channel Angle/LH 1 12 7629 Channel Angle/LH 1 13 7622-4 Wire Harness/Power Dump 1 F 14 8623-2 Power Dump Cable/10.0 2 F 15 5552 Ball Joint (1/4-28) 2 E 16 7630-4 Ram Pivot & Spacer 1 C 17 7721-1 Linear Actuator (13.898) 1 C 18 6623 Toggle Switch 1 C 19 7624 Sealed Needle Bearing 1 C 19 7624 Sealed Needle Bearing 1 C <td< td=""><td></td><td></td><td></td><td></td></td<>				
12			<u> </u>	
13			<u> </u>	
14 8623-2 Power Dump Cable/10.0 2 15 5552 Ball Joint (1/4-28) 2 16 7630-4 Ram Pivot & Spacer 1 17 7721-1 Linear Actuator (13.898) 1 18 6623 Toggle Switch 1 19 7624 Sealed Needle Bearing 1 20 6623-1 Switch Boot 1 21 7610-5 Extension Spring (1/4 x 2-7/8) 1 22 7625-3 Fork 1 23 7627 Front Actuator Mount 1 24 7636-1 Actuator Mount 1 25 5830 Grease Fitting 1 26 7624-1 Roller Bearing Bolt 1 27 7633 Decal, Power Dump 1 28 8620-5 Guard, Power Dump Motor 1 29 5975-7 Cable Tile (50# x 11") 1 30 5975-3 Cable Tile (50# x 11") 1 31 597			<u> </u>	1 F
15	14	8623-2		2
17 7721-1 Linear Actuator (13.898) 1 C 18 6623 Toggle Switch 1 19 7624 Sealed Needle Bearing 1 20 6623-1 Switch Boot 1 21 7610-5 Extension Spring (1/4 x 2-7/8) 1 22 7625-3 Fork 1 23 7627 Front Actuator Mount 1 24 7636-1 Actuator Mount 1 25 5830 Grease Fitting 1 26 7624-1 Roller Bearing Bolt 1 27 7633 Decal, Power Dump 1 28 8620-5 Guard, Power Dump Motor 1 29 5975-7 Cable Tie (50# x 11") 1 30 5975-3 Cable Tie (50# x 11") 1 31 5975-1 Cable Tie (50# x 11") 1 32 5842-1 Washer (1.0 ID x 1.350 OD) 1* 33 7620-15 Roller Wheel 2 F	15	5552		2
18 6623 Toggle Switch 1 19 7624 Sealed Needle Bearing 1 20 6623-1 Switch Boot 1 21 7610-5 Extension Spring (1/4 x 2-7/8) 1 22 7625-3 Fork 1 23 7627 Front Actuator Mount 1 24 7636-1 Actuator Mount 1 25 5830 Grease Fitting 1 26 7624-1 Roller Bearing Bolt 1 27 7633 Decal, Power Dump 1 28 8620-5 Guard, Power Dump Motor 1 29 5975-7 Cable Tie (50# x 11") 1 30 5975-3 Cable Tie (50# x 7") 5 31 5975-1 Cable Tie (18# x 3-3/4") 1 32 5842-1 Washer (1.0 ID x 1.350 OD) 1* 33 7620-15 Roller Wheel 2 F002 F002 10-24 Keps Nut 4 F004 F04 <td>16</td> <td>7630-4</td> <td>Ram Pivot & Spacer</td> <td>1</td>	16	7630-4	Ram Pivot & Spacer	1
19 7624 Sealed Needle Bearing 1 20 6623-1 Switch Boot 1 21 7610-5 Extension Spring (1/4 x 2-7/8) 1 22 7625-3 Fork 1 23 7627 Front Actuator Mount 1 24 7636-1 Actuator Mount 1 25 5830 Grease Fitting 1 26 7624-1 Roller Bearing Bolt 1 27 7633 Decal, Power Dump Motor 1 28 8620-5 Guard, Power Dump Motor 1 29 5975-7 Cable Tie (50# x 11") 1 30 5975-3 Cable Tie (50# x 11") 1 31 5975-1 Cable Tie (50# x 11") 1 32 5842-1 Washer (1.0 ID x 1.350 OD) 1* 33 7620-15 Roller Wheel 2 F002 F002 10-24 Keps Nut 6 F003 F003 1/4-28 Hex Nut 4 F004 F004 11/4-20 Keps Nut 4 F009 F009 5/16-18 Whiz Locknut 4 F009 F009 5/16-18 Whiz Locknut 4 F009 F009 F009 1/4-20 X 1/2 Hex Bolt 4 F029 F029 1/4-20 x 1/2 Hex Bolt 4 F029 F029 T049 5/16 SAE Washer 2 F068 F068 1/8 x 1 Cotter Pin 4 F069 F069 F069 3/32 x 1/2 Cotter Pin 4 F085 F085 F085 3/16 Rivet Backup Washer 4 F093 F093 F093 5/16-18 x 1 Hex Bolt 2 F134 F134 AN960816L Washer 2 F134 F134 F134 AN960816L Washer 2 F135 F287 F287 1/4-28 Keps Nut 2 F266 F266 F266 1/2x2-3/4 Shoulder Bolt 1 F287 F287 F287 1/4-28 Keps Nut 2 F562 F562 5/16-18 x 7/8 Hex Bolt 2 F566 F566 5/16-18 x 7/8 Hex Bolt 2 F567 F570 5/16-18 x 7/8 Hex Bolt 2 F571 F570 5/16-18 x 7/	17	7721-1	Linear Actuator (13.898)	1 C
20 6623-1 Switch Boot 1 21 7610-5 Extension Spring (1/4 x 2-7/8) 1 22 7625-3 Fork 1 23 7627 Front Actuator Mount 1 24 7636-1 Actuator Mount 1 25 5830 Grease Fitting 1 26 7624-1 Roller Bearing Bolt 1 27 7633 Decal, Power Dump 1 28 8620-5 Guard, Power Dump Motor 1 29 5975-7 Cable Tie (50# x 11") 1 30 5975-3 Cable Tie (50# x 11") 1 31 5975-1 Cable Tie (50# x 11") 5 31 5975-1 Cable Tie (18# x 3-3/4") 1 32 5842-1 Washer (1.0 ID x 1.350 OD) 1* 33 7620-15 Roller Wheel 2 F002 F002 10-24 Keps Nut 6 F003 F003 1/4-228 Hex Nut 4 F004 F004 F004 1/4-20 Keps Nut 4 F009 F009 5/16-18 Whiz Locknut 4 F012 F012 3/8-16 Keps Nut 1 F028 F028 10-24 x 3/4 PPHMS 4 F049 F049 F049 5/16 SAE Washer 2 F068 F068 1/8 x 1 Cotter Pin 4 F069 F069 F069 3/32 x 1/2 Cotter Pin 4 F093 F093 F093 F16-18 x 1 Hex Bolt 2 F134 F134 AN860816L Washer 2 F134 F134 AN860816L Washer 2 F266 F266 1/2x2-3/4 Shoulder Bolt 1 F287 F287 1/4-28 Keps Nut 2 F562 F562 5/16-18x1 Set Screw 1	18	6623	Toggle Switch	1
21 7610-5 Extension Spring (1/4 x 2-7/8) 1 22 7625-3 Fork 1 23 7627 Front Actuator Mount 1 24 7636-1 Actuator Mount 1 25 5830 Grease Fitting 1 26 7624-1 Roller Bearing Bolt 1 27 7633 Decal, Power Dump 1 28 8620-5 Guard, Power Dump Motor 1 29 5975-7 Cable Tie (50# x 11") 1 30 5975-3 Cable Tie (50# x 7") 5 31 5975-1 Cable Tie (50# x 3") 1 32 5842-1 Washer (1.0 ID x 1.350 OD) 1 33 7620-15 Roller Wheel 2 F002 F002 10-24 Keps Nut 6 F003 F003 114-28 Hex Nut 4 F004 F004 1/4-20 Keps Nut 4 F009 F009 5/16-18 Whiz Locknut 4 F012 F012 3/8-16 Keps Nut 1 F029 F029 1/4-20 x 1/2 Hex Bolt 4 F049 F049 5/16 SAE Washer 2 F068 F068 F068 1/8 x 1 Cotter Pin 4 F085 F085 3/6 Rivel Backup Washer 4 F093 F093 5/16-18 x 1 Hex Bolt 2 F134 F134 AN960816L Washer 2 F134 F134 AN960816L Washer 2 F266 F266 1/2x2-3/4 Shoulder Bolt 1 F287 F287 1/4-28 Keps Nut 2 F337 F337 1/4-28 Keps Nut 2 F562 F562 5/16-18 x 1 Set Screw 1	19	7624	Sealed Needle Bearing	1
22 7625-3 Fork 1 23 7627 Front Actuator Mount 1 24 7636-1 Actuator Mount 1 25 5830 Grease Fitting 1 26 7624-1 Roller Bearing Bolt 1 27 7633 Decal, Power Dump 1 28 8620-5 Guard, Power Dump 1 29 5975-7 Cable Tie (50# x 11") 1 30 5975-3 Cable Tie (50# x 11") 1 31 5975-1 Cable Tie (50# x 7") 5 31 5975-1 Cable Tie (18# x 3-3/4") 1 32 5842-1 Washer (1.0 ID x 1.350 OD) 11* 33 7620-15 Roller Wheel 2 F002 F002 10-24 Keps Nut 6 F003 F003 1/4-28 Hex Nut 4 F009 F009 5/16-18 Whiz Locknut 4 F009 F009 5/16-18 Whiz Locknut 4 F012 F012 3/8-16 Keps Nut 1 F028 F028 10-24 x 3/4 PPHMS 4 F049 F049 F049 5/16 SAE Washer 2 F068 F068 F068 1/8 x 1 Cotter Pin 4 F069 F069 F069 3/32 x 1/2 Cotter Pin 4 F093 F085 F085 3/16 Rivet Backup Washer 4 F093 F093 F093 5/16-18 x 1 Hex Bolt 2 F134 F134 AN960816L Washer 2 F134 F134 F134 AN960816L Washer 2 F135 F266 F266 1/2x2-3/4 Shoulder Bolt 1 F287 F287 1/4-20 x 5/8 Self-Tap Bolt 2 F562 F562 5/16-18x1 Set Screw 1	20	6623-1	Switch Boot	1
23 7627 Front Actuator Mount 1 24 7636-1 Actuator Mount 1 25 5830 Grease Fitting 1 26 7624-1 Roller Bearing Bolt 1 27 7633 Decal, Power Dump 1 28 8620-5 Guard, Power Dump Motor 1 29 5975-7 Cable Tie (50# x 11") 1 30 5975-3 Cable Tie (50# x 1") 5 31 5975-1 Cable Tie (50# x 7") 5 31 5975-1 Cable Tie (18# x 3-3/4") 1 32 5842-1 Washer (1.0 ID x 1.350 OD) 1* 33 7620-15 Roller Wheel 2 F002 F002 10-24 Keps Nut 6 F003 F002 10-24 Keps Nut 4 F004 F004 1/4-20 Keps Nut 4 F009 F009 5/16-18 Whiz Locknut 4 F012 F012 3/8-16 Keps Nut 1 F028 F029 1/4-20 x 1/2 Hex Bolt 4 F049 F049		7610-5		1
24 7636-1 Actuator Mount 1 25 5830 Grease Fitting 1 26 7624-1 Roller Bearing Bolt 1 27 7633 Decal, Power Dump 1 28 8620-5 Guard, Power Dump Motor 1 29 5975-7 Cable Tie (50# x 11") 1 30 5975-3 Cable Tie (50# x 7") 5 31 5975-1 Cable Tie (18# x 3-3/4") 1 32 5842-1 Washer (1.0 ID x 1.350 OD) 1* 33 7620-15 Roller Wheel 2 F002 F002 10-24 Keps Nut 6 F003 F003 1/4-28 Hex Nut 4 F004 F004 F004 1/4-20 Keps Nut 1 F009 F009 5/16-18 Whize Locknut 4 F012 F012 3/8-16 Keps Nut 1 F028 F028 10-24 x 3/4 PPHMS 4 F029 F029 1/4-20 x 1/2 Hex Bolt 4 F049 F049 5/16 SAE Washer 2 F068 F068 1/8 x 1 Cotter Pin 4 F069 F069 3/32 x 1/2 Cotter Pin 4 F085 F085 3/16 Rivet Backup Washer 4 F093 F093 5/16-18 x 1 Hex Bolt 2 F134 F134 AN960816L Washer 2 F219 F219 F219 7/16-14x1-1/4 Hex Bolt 3 F226 F226 5/16-18 x 7/8 Hex Bolt 1 F287 F287 1/4-20 x 5/8 Self-Tap Bolt 2 F562 F562 5/16-18 x 1 Set Screw 1				1
25 5830 Grease Fitting 1 26 7624-1 Roller Bearing Bolt 1 27 7633 Decal, Power Dump 1 28 8620-5 Guard, Power Dump Motor 1 29 5975-7 Cable Tie (50# x 11") 1 30 5975-3 Cable Tie (50# x 7") 5 31 5975-1 Cable Tie (50# x 7") 5 31 5975-1 Cable Tie (18# x 3-3/4") 1 32 5842-1 Washer (1.0 ID x 1.350 OD) 1* 33 7620-15 Roller Wheel 2 F002 F002 10-24 Keps Nut 6 F003 F003 1/4-28 Hex Nut 4 F004 F004 11/4-20 Keps Nut 4 F009 F009 5/16-18 Whiz Locknut 4 F012 F012 3/8-16 Keps Nut 1 F028 F028 10-24 x 3/4 PPHMS 4 F029 F029 1/4-20 x 1/2 Hex Bolt 4 F049 F069 F069 3/32 x 1/2 Cotter Pin 4 F069 F069 F069 3/32 x 1/2 Cotter Pin 4 F085 F085 3/16 Rivet Backup Washer 2 F134 F134 AN960816L Washer 2 F219 F219 F116-14 x 1-1/4 Hex Bolt 3 F226 F226 5/16-18 x 1 Hex Bolt 1 F287 F287 1/4-20 x 5/8 Hex Bolt 2 F337 F337 F337 1/4-20 x 5/8 Self-Tap Bolt 2 F562 F562 5/16-18 x 1 Set Screw 1				1
26 7624-1 Roller Bearing Bolt 1 27 7633 Decal, Power Dump 1 28 8620-5 Guard, Power Dump Motor 1 29 5975-7 Cable Tie (50# x 11") 1 30 5975-3 Cable Tie (50# x 7") 5 31 5975-1 Cable Tie (18# x 3-3/4") 1 32 5842-1 Washer (1.0 ID x 1.350 OD) 1* 33 7620-15 Roller Wheel 2 F002 F002 10-24 Keps Nut 6 F003 F003 1/4-28 Hex Nut 4 F004 F004 1/4-20 Keps Nut 4 F009 F009 5/16-18 Whiz Locknut 4 F012 F012 3/8-16 Keps Nut 1 F012 F012 3/8-16 Keps Nut 1 F028 F028 10-24 x 3/4 PPHMS 4 F029 F029 1/4-20 x 1/2 Hex Bolt 4 F049 F049 5/16 SAE Washer 2 F068 F069 3/32 x 1/2 Cotter Pin 4 F069 F069				· · · · · · · · · · · · · · · · · · ·
27 7633 Decal, Power Dump 1 28 8620-5 Guard, Power Dump Motor 1 29 5975-7 Cable Tie (50# x 11") 1 30 5975-3 Cable Tie (50# x 7") 5 31 5975-1 Cable Tie (10 In x 1.350 OD) 1* 32 5842-1 Washer (1.0 ID x 1.350 OD) 1* 33 7620-15 Roller Wheel 2 F002 F002 10-24 Keps Nut 6 F003 F003 1/4-28 Hex Nut 4 F004 F004 1/4-20 Keps Nut 4 F009 F009 5/16-18 Whiz Locknut 4 F012 F012 3/8-16 Keps Nut 1 F012 F012 3/8-16 Keps Nut 1 F028 F029 1/4-20 x 1/2 Hex Bolt 4 F049 F049 5/16 SAE Washer 2 F068 F068 1/8 x 1 Cotter Pin 4 F069 F069 3/32 x 1/2 Cotter Pin 4 F085 F085 3/16 Rivet Backup Washer 2 F03			•	•
28 8620-5 Guard, Power Dump Motor 1 29 5975-7 Cable Tie (50# x 11") 1 30 5975-3 Cable Tie (60# x 7") 5 31 5975-1 Cable Tie (18# x 3-3/4") 1 32 5842-1 Washer (1.0 ID x 1.350 OD) 1* 33 7620-15 Roller Wheel 2 F002 F002 10-24 Keps Nut 6 F003 F003 1/4-28 Hex Nut 4 F004 F004 1/4-28 Keps Nut 4 F009 F009 5/16-18 Whiz Locknut 4 F012 F012 3/8-16 Keps Nut 1 F028 F028 10-24 x 3/4 PPHMS 4 F029 F029 1/4-20 x 1/2 Hex Bolt 4 F049 F049 5/16 SAE Washer 2 F068 F068 1/8 x 1 Cotter Pin 4 F069 F069 3/32 x 1/2 Cotter Pin 4 F085 F085 3/16 Rivet Backup Washer 2 F134 F134 AN960816L Washer 2 F219 F			•	·
29 5975-7 Cable Tie (50# x 11") 1 30 5975-3 Cable Tie (50# x 7") 5 31 5975-1 Cable Tie (18# x 3-3/4") 1 32 5842-1 Washer (1.0 ID x 1.350 OD) 1* 33 7620-15 Roller Wheel 2 F002 F002 10-24 Keps Nut 6 F003 F003 1/4-28 Hex Nut 4 F004 F004 1/4-20 Keps Nut 4 F009 F009 5/16-18 Whiz Locknut 4 F012 F012 3/8-16 Keps Nut 1 F012 F012 3/8-16 Keps Nut 1 F028 F028 10-24 x 3/4 PPHMS 4 F029 F029 1/4-20 x 1/2 Hex Bolt 4 F029 F029 1/4-20 x 1/2 Hex Bolt 4 F049 F049 5/16 SAE Washer 2 F068 F068 1/8 x 1 Cotter Pin 4 F069 F069 3/32 x 1/2 Cotter Pin 4 F085 F085 3/16 Rivet Backup Washer 4 F093 F093			·	•
30 5975-3 Cable Tie (50# x 7") 5 31 5975-1 Cable Tie (18# x 3-3/4") 1 32 5842-1 Washer (1.0 ID x 1.350 OD) 1* 33 7620-15 Roller Wheel 2 F002 F002 10-24 Keps Nut 6 F003 F003 1/4-28 Hex Nut 4 F004 F004 1/4-28 Hex Nut 4 F009 F009 5/16-18 Whiz Locknut 4 F009 F009 5/16-18 Whiz Locknut 4 F012 F012 3/8-16 Keps Nut 1 F012 F012 3/8-16 Keps Nut 1 F028 F028 10-24 x 3/4 PPHMS 4 F029 F029 1/4-20 x 1/2 Hex Bolt 4 F049 F049 5/16 SAE Washer 2 F068 F068 1/8 x 1 Cotter Pin 4 F069 F069 3/32 x 1/2 Cotter Pin 4 F085 F085 3/16 Rivet Backup Washer 4 F093 F093 5/16-18 x 1 Hex Bolt 2 F134 F134 <td></td> <td></td> <td>·</td> <td></td>			·	
31 5975-1 Cable Tie (18# x 3-3/4") 1 32 5842-1 Washer (1.0 ID x 1.350 OD) 1* 33 7620-15 Roller Wheel 2 F002 F002 10-24 Keps Nut 6 F003 F003 1/4-28 Hex Nut 4 F004 F004 1/4-20 Keps Nut 4 F009 F009 5/16-18 Whiz Locknut 4 F012 F012 3/8-16 Keps Nut 1 F012 F012 3/8-16 Keps Nut 1 F012 F012 3/8-16 Keps Nut 4 F012 F012 3/8-16 Keps Nut 4 F012 F012 3/8-16 Keps Nut 4 F028 F028 10-24 x 3/4 PPHMS 4 F029 F029 1/4-20 x 1/2 Hex Bolt 4 F049 F049 5/16 SAE Washer 2 F068 F068 1/8 x 1 Cotter Pin 4 F069 F069 3/32 x 1/2 Cotter Pin 4 F085 F085 3/16 Rivet Backup Washer 2 F034 F134 A			,	
32 5842-1 Washer (1.0 ID x 1.350 OD) 1* 33 7620-15 Roller Wheel 2 F002 F002 10-24 Keps Nut 6 F003 F003 1/4-28 Hex Nut 4 F004 F004 1/4-20 Keps Nut 4 F009 F009 5/16-18 Whiz Locknut 4 F012 F012 3/8-16 Keps Nut 1 F012 F012 3/8-16 Keps Nut 1 F028 F028 10-24 x 3/4 PPHMS 4 F029 F029 1/4-20 x 1/2 Hex Bolt 4 F049 F049 5/16 SAE Washer 2 F068 F069 3/32 x 1/2 Cotter Pin 4 F069 F069 3/32 x 1/2 Cotter Pin 4 F085 F085 3/16 Rivet Backup Washer 4 F093 F093 5/16-18 x 1 Hex Bolt 2 F134 F134 AN960816L Washer 2 F219 F219 7/16-14x1-1/4 Hex Bolt 3 F226 F226 5/16-18 x 7/8 Hex Bolt 2 F266 F266 <td></td> <td></td> <td>, ,</td> <td></td>			, ,	
Roller Wheel 2 F002 F002 F002 F002 F003 F003 F003 F003 F14-28 Hex Nut 4 F004 F004 F004 F14-20 Keps Nut 4 F009 F009 F012 3/8-16 Keps Nut 1 F012 F012 F012 3/8-16 Keps Nut 1 F028 F028 F028 F029 F029 F029 F029 F049 F049 F049 F049 F049 F049 F068 F068 F068 F068 F068 F069			,	
F002 F002 10-24 Keps Nut 6 F003 F003 1/4-28 Hex Nut 4 F004 F004 1/4-20 Keps Nut 4 F009 F009 5/16-18 Whiz Locknut 4 F012 F012 3/8-16 Keps Nut 1 F028 F028 10-24 x 3/4 PPHMS 4 F029 F029 1/4-20 x 1/2 Hex Bolt 4 F049 F049 5/16 SAE Washer 2 F068 F068 1/8 x 1 Cotter Pin 4 F069 F069 3/32 x 1/2 Cotter Pin 4 F085 F085 3/16 Rivet Backup Washer 4 F093 F093 5/16-18 x 1 Hex Bolt 2 F134 F134 AN960816L Washer 2 F219 F219 7/16-14x1-1/4 Hex Bolt 3 F226 F226 5/16-18 x 7/8 Hex Bolt 2 F266 F266 1/2x2-3/4 Shoulder Bolt 1 F287 F287 1/4-28 Keps Nut 2 F337 F337 1/4-20 x 5/8 Self-Tap Bolt 2 F562 5			· · · · · · · · · · · · · · · · · · ·	
F003 F003 1/4-28 Hex Nut 4 F004 F004 1/4-20 Keps Nut 4 F009 F009 5/16-18 Whiz Locknut 4 F012 F012 3/8-16 Keps Nut 1 F028 F028 10-24 x 3/4 PPHMS 4 F029 F029 1/4-20 x 1/2 Hex Bolt 4 F049 F049 5/16 SAE Washer 2 F068 F068 1/8 x 1 Cotter Pin 4 F069 F069 3/32 x 1/2 Cotter Pin 4 F085 F085 3/16 Rivet Backup Washer 4 F093 F093 5/16-18 x 1 Hex Bolt 2 F134 F134 AN960816L Washer 2 F219 F219 7/16-14x1-1/4 Hex Bolt 3 F226 F226 5/16-18 x 7/8 Hex Bolt 2 F287 F287 1/4-28 Keps Nut 2 F337 F337 1/4-20 x 5/8 Self-Tap Bolt 2 F562 F562 5/16-18x1 Set Screw 1				
F004 F009 F009 5/16-18 Whiz Locknut 4 F012 F012 3/8-16 Keps Nut 1 F028 F028 10-24 x 3/4 PPHMS 4 F049 F049 F049 5/16 SAE Washer 2 F068 F068 1/8 x 1 Cotter Pin 4 F085 F085 3/16 Rivet Backup Washer 4 F093 F093 5/16-18 x 1 Hex Bolt 2 F134 F134 AN960816L Washer 2 F219 F219 7/16-14x1-1/4 Hex Bolt 3 F226 F226 5/16-18 x 7/8 Hex Bolt 2 F287 F287 1/4-28 Keps Nut 2 F337 F337 1/4-20 x 5/8 Self-Tap Bolt 2 F562 F562 5/16-18x1 Set Screw 1				
F009 F009 5/16-18 Whiz Locknut 4 F012 F012 3/8-16 Keps Nut 1 F028 F028 10-24 x 3/4 PPHMS 4 F029 F029 1/4-20 x 1/2 Hex Bolt 4 F049 F049 5/16 SAE Washer 2 F068 F068 1/8 x 1 Cotter Pin 4 F069 F069 3/32 x 1/2 Cotter Pin 4 F085 F085 3/16 Rivet Backup Washer 4 F093 F093 5/16-18 x 1 Hex Bolt 2 F134 F134 AN960816L Washer 2 F219 F219 7/16-14x1-1/4 Hex Bolt 3 F226 F226 5/16-18 x 7/8 Hex Bolt 2 F266 F266 1/2x2-3/4 Shoulder Bolt 1 F287 F287 1/4-28 Keps Nut 2 F337 F337 1/4-20 x 5/8 Self-Tap Bolt 2 F562 F562 5/16-18x1 Set Screw 1				
F012 3/8-16 Keps Nut 1 F028 F028 10-24 x 3/4 PPHMS 4 F029 F029 1/4-20 x 1/2 Hex Bolt 4 F049 F049 5/16 SAE Washer 2 F068 F068 1/8 x 1 Cotter Pin 4 F069 F069 3/32 x 1/2 Cotter Pin 4 F085 F085 3/16 Rivet Backup Washer 4 F093 F093 5/16-18 x 1 Hex Bolt 2 F134 F134 AN960816L Washer 2 F219 F219 7/16-14x1-1/4 Hex Bolt 3 F226 F226 5/16-18 x 7/8 Hex Bolt 2 F266 F266 1/2x2-3/4 Shoulder Bolt 1 F287 F287 1/4-28 Keps Nut 2 F337 F337 1/4-20 x 5/8 Self-Tap Bolt 2 F562 5/16-18x1 Set Screw 1			•	i i
F028 F028 10-24 x 3/4 PPHMS 4 F029 F029 1/4-20 x 1/2 Hex Bolt 4 F049 F049 5/16 SAE Washer 2 F068 F068 1/8 x 1 Cotter Pin 4 F069 F069 3/32 x 1/2 Cotter Pin 4 F085 F085 3/16 Rivet Backup Washer 4 F093 F093 5/16-18 x 1 Hex Bolt 2 F134 F134 AN960816L Washer 2 F219 F219 7/16-14x1-1/4 Hex Bolt 3 F226 F226 5/16-18 x 7/8 Hex Bolt 2 F266 F266 1/2x2-3/4 Shoulder Bolt 1 F287 F287 1/4-28 Keps Nut 2 F337 F337 1/4-20 x 5/8 Self-Tap Bolt 2 F562 F562 5/16-18x1 Set Screw 1				
F029 1/4-20 x 1/2 Hex Bolt 4 F049 F049 5/16 SAE Washer 2 F068 F068 1/8 x 1 Cotter Pin 4 F069 F069 3/32 x 1/2 Cotter Pin 4 F085 F085 3/16 Rivet Backup Washer 4 F093 F093 5/16-18 x 1 Hex Bolt 2 F134 F134 AN960816L Washer 2 F219 F219 7/16-14x1-1/4 Hex Bolt 3 F226 F226 5/16-18 x 7/8 Hex Bolt 2 F266 F266 1/2x2-3/4 Shoulder Bolt 1 F287 F287 1/4-28 Keps Nut 2 F337 F337 1/4-20 x 5/8 Self-Tap Bolt 2 F562 F562 5/16-18x1 Set Screw 1				· ·
F049 5/16 SAE Washer 2 F068 F068 1/8 x 1 Cotter Pin 4 F069 F069 3/32 x 1/2 Cotter Pin 4 F085 F085 3/16 Rivet Backup Washer 4 F093 F093 5/16-18 x 1 Hex Bolt 2 F134 F134 AN960816L Washer 2 F219 F219 7/16-14x1-1/4 Hex Bolt 3 F226 F226 5/16-18 x 7/8 Hex Bolt 2 F266 F266 1/2x2-3/4 Shoulder Bolt 1 F287 F287 1/4-28 Keps Nut 2 F337 F337 1/4-20 x 5/8 Self-Tap Bolt 2 F562 F562 5/16-18x1 Set Screw 1				
F068 F069 3/32 x 1/2 Cotter Pin 4 F069 F069 3/32 x 1/2 Cotter Pin 4 F085 F085 3/16 Rivet Backup Washer 4 F093 F093 5/16-18 x 1 Hex Bolt 2 F134 F134 AN960816L Washer 2 F219 F219 7/16-14x1-1/4 Hex Bolt 3 F226 F226 5/16-18 x 7/8 Hex Bolt 2 F266 F266 1/2x2-3/4 Shoulder Bolt 1 F287 F287 1/4-28 Keps Nut 2 F337 F337 1/4-20 x 5/8 Self-Tap Bolt 2 F562 F562 5/16-18x1 Set Screw 1				
F069 3/32 x 1/2 Cotter Pin 4 F085 F085 3/16 Rivet Backup Washer 4 F093 F093 5/16-18 x 1 Hex Bolt 2 F134 F134 AN960816L Washer 2 F219 F219 7/16-14x1-1/4 Hex Bolt 3 F226 F226 5/16-18 x 7/8 Hex Bolt 2 F266 F266 1/2x2-3/4 Shoulder Bolt 1 F287 F287 1/4-28 Keps Nut 2 F337 F337 1/4-20 x 5/8 Self-Tap Bolt 2 F562 F562 5/16-18x1 Set Screw 1				
F093 5/16-18 x 1 Hex Bolt 2 F134 F134 AN960816L Washer 2 F219 F219 7/16-14x1-1/4 Hex Bolt 3 F226 F226 5/16-18 x 7/8 Hex Bolt 2 F266 F266 1/2x2-3/4 Shoulder Bolt 1 F287 F287 1/4-28 Keps Nut 2 F337 F337 1/4-20 x 5/8 Self-Tap Bolt 2 F562 F562 5/16-18x1 Set Screw 1	F069	F069	3/32 x 1/2 Cotter Pin	4
F134 F134 AN960816L Washer 2 F219 F219 7/16-14x1-1/4 Hex Bolt 3 F226 F226 5/16-18 x 7/8 Hex Bolt 2 F266 F266 1/2x2-3/4 Shoulder Bolt 1 F287 F287 1/4-28 Keps Nut 2 F337 F337 1/4-20 x 5/8 Self-Tap Bolt 2 F562 F562 5/16-18x1 Set Screw 1	F085	F085	3/16 Rivet Backup Washer	4
F219 7/16-14x1-1/4 Hex Bolt 3 F226 F226 5/16-18 x 7/8 Hex Bolt 2 F266 F266 1/2x2-3/4 Shoulder Bolt 1 F287 F287 1/4-28 Keps Nut 2 F337 F337 1/4-20 x 5/8 Self-Tap Bolt 2 F562 F562 5/16-18x1 Set Screw 1	F093	F093	5/16-18 x 1 Hex Bolt	2
F226 F226 5/16-18 x 7/8 Hex Bolt 2 F266 F266 1/2x2-3/4 Shoulder Bolt 1 F287 F287 1/4-28 Keps Nut 2 F337 F337 1/4-20 x 5/8 Self-Tap Bolt 2 F562 F562 5/16-18x1 Set Screw 1	F134	F134	AN960816L Washer	
F266 F266 1/2x2-3/4 Shoulder Bolt 1 F287 F287 1/4-28 Keps Nut 2 F337 F337 1/4-20 x 5/8 Self-Tap Bolt 2 F562 F562 5/16-18x1 Set Screw 1				
F287 1/4-28 Keps Nut 2 F337 F337 1/4-20 x 5/8 Self-Tap Bolt 2 F562 F562 5/16-18x1 Set Screw 1				
F337 F337 1/4-20 x 5/8 Self-Tap Bolt 2 F562 F562 5/16-18x1 Set Screw 1				
F562 F562 5/16-18x1 Set Screw 1			·	
			·	
F591 F591 7/16-14 Flange Top Lock Nut 2				
	F591	⊢ 591	1/16-14 Flange Top Lock Nut	2

^{*} Used only on Model MD



A51 Power Dump Kit 10.0 for MD/MT Updated 04/16/08 Rev C 12/19/19, Rev D 12/21/22, Rev E 03/27/23, Rev F 11/29/23