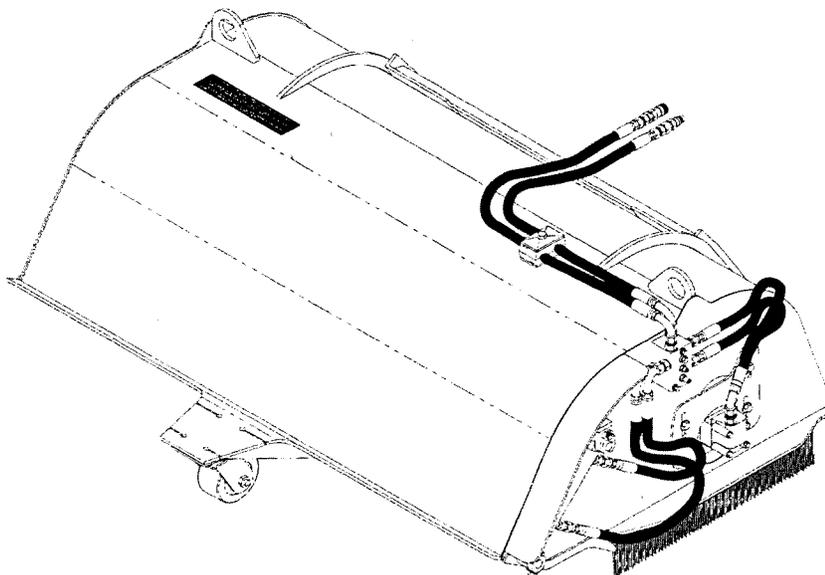


POW **R** SWEEP™ McMILLEN®

SELF-CONTAINED PICK-UP BROOM

SERIAL NUMBER _____



OPERATOR'S & PARTS MANUAL

Model 276024 (5' Wide X 24" Diameter)

Model 277224 (6' Wide X 24" Diameter)

Model 278424 (7' Wide X 24" Diameter)

WARNING!

AVOID INJURY OR DEATH

**READ AND UNDERSTAND THIS ENTIRE MANUAL BEFORE
INSTALLING, OPERATING OR SERVICING THIS EQUIPMENT**

PART NO.: 23356
Rev. 8/00



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A Division of Attachment Technologies, Inc.

M-181
8-21-00



TABLE OF CONTENTS

To The Owner	2
Introduction	2
Safety Precautions	3
Set-Up and Installation	6
Attaching the Unit	
Adjusting the Pickup Brushes	
Removal and Storage	
Operation	8
Before Operating	
Operating Procedures	
Dumping	
Maintenance	10
Hydraulic Valve Block	
Hydraulic Motor Removal and Installation	
Gate Cylinder Removal and Installation	
Gate Assembly Removal and Installation	
Rotating Broom Adjustment and Replacement	
Mustache Brushes Replacement	
Specifications	16
Parts Lists	17



TO THE OWNER

We would like to take this opportunity to thank you for purchasing your McMillen Pow-R-Sweep Pick-Up Broom. You have invested in a quality piece of equipment that is backed by the best warranties in the industry. Only by proper installation, operation and maintenance can you expect to receive the dependable performance and long life for which the pick-up broom was designed.

This manual contains information regarding the installation, operation, safe use, care and maintenance of your McMillen Attachment. Please be sure all operators study this manual carefully and keep it on file for future reference.

Read all safety warnings and decals before operating and replace any worn or illegible decals.

If after reading this manual you have any questions about your McMillen Pow-R-Sweep attachment please contact us immediately as follows:

NORTH AMERICAN TOLL FREE:	(800) 922-2981
Outside North America:	(319) 922-2981
Fax:	(319) 922-2700

Once again, we would like to thank you for putting your trust in our product. If we may be of further assistance to you in the future, please feel free to contact us or your nearest dealer at your convenience.

Sincerely,

Attachment Technologies Incorporated

INTRODUCTION

The McMillen pick-up brooms provide single lever control of the sweeper function and dump release function when mounted on a skid-steer loader. The single lever control simplifies connection of the sweeper to the vehicle, eliminating the need for expensive, optional hydraulics.

The closed design keeps dust and swept material contained more efficiently. A simple single cylinder dump mechanism releases the gathered material into a truck or pile without the need for a second loader or to remove the sweeper and attach a bucket.

SAFETY PRECAUTIONS

GENERAL INFORMATION

The purpose of this manual is to provide safe operating and maintenance procedures for the intended use of the broom. It is important that all information in this manual is READ and UNDERSTOOD before operating the broom.

Since the manufacturer has no direct control over machine application and operation, it is the responsibility of the operator to conform to good safety practices in the implementation of this machine.

This section is composed of various warnings and safety tips which must be followed. Also read the owner's manual which came with the skid-steer loader which the broom is attached to.

The safety alert symbol is used throughout this manual to bring attention to items which must be followed for your safety and the safety of those around you. Failure to follow these instructions can result in injury or death.



**THIS SYMBOL MEANS:
ATTENTION!
BECOME ALERT!
YOUR SAFETY IS INVOLVED!**

SIGNAL WORDS: Note the use of the signal words DANGER, WARNING, and CAUTION with the safety messages. The appropriate signal word for each has been selected using the following guidelines:

DANGER: Indicates a potentially hazardous situation which, if not avoided, will result in death or serious injury. This signal word is to be limited to the most extreme situations, typically for machine components which, for functional purposes, cannot be guarded.

WARNING: Indicates a potentially hazardous situation which, if not avoided, could result in death or serious injury, and includes hazards that are exposed when guards are removed. It may also be used to alert against unsafe practices.

CAUTION: Indicates a potentially hazardous situation which, if not avoided, could result in minor or moderate injury. It may also indicate unsafe practices which could result in serious damage to the machinery.

Notes are also found in this manual.

NOTE: Provides information which may be of special interest.



SAFETY PRECAUTIONS

TO THE OPERATOR

The primary responsibility for safety with the equipment falls to the operator. It is the skill, care, common sense and good judgement of the operator that will determine how efficiently and safely the job is performed. Know the equipment before you start. Know the capabilities, dimensions, and how to operate all the controls. Visually inspect the equipment before you start and never operate equipment that is not in proper working order with all safety devices in place and operating.

BEFORE YOU START

Wear the right clothing and gear for the job. Protective equipment such as hard hat, steel-toed shoes, leather gloves, respirator or safety glasses may be in order. They can protect you from needless injury. Be sure to meet the requirements for the specific job site. Do not wear loose clothing or things such as rings and watches around the equipment. They could get caught in moving parts and lead to serious injury or death.

Know your equipment. Know how to operate all controls and know emergency shut down procedures. Make sure all safety devices are in place.

Inspect the equipment. Check for missing shields, loose bolts, twisted or damaged hydraulic hoses. Be sure all operational decals are in place and legible. Never operate a damaged or unsafe machine. Remember, you are responsible for the your safety and the safety of those around you.

Keep all step plates, grab bars, pedals and controls free of dirt, grease, oil and water. Keep clear of tools, rags and extra parts. Keep equipment clean to help avoid injury from a fall when getting on or off equipment.

OPERATING PRECAUTIONS

Know your work area before you begin. Observe any potential hazard areas such as soft ground, drop-offs, rocks and other obstacles.

Know where all utility lines are. Observe overhead electrical and phone lines. Be sure equipment will safely clear them.

Be alert to others in the work area. Be sure others know when and where you will be working. Make sure no one is underneath or behind equipment.

Never try to board equipment while its moving.

Do not stand in front of the equipment when it is operating.



SAFETY PRECAUTIONS

Always use the seat belt and safety ROPS that are on the equipment.

Never allow riders or passengers on the equipment unless the equipment is designed for passengers.

Test all controls before starting operation. This includes safety equipment and devices.

Be aware of what is going on around you. Watch for others who may not be watching out for themselves.

MAINTENANCE PRECAUTIONS

Replace all safety shields and guards when finished performing maintenance. Do not operate the broom with protective equipment removed.

Never perform maintenance or adjustments while the broom is operating. Turn off the engine when performing maintenance to prevent accidental movement.

Make sure all operating and residual pressures are relieved before working on a hydraulic system. Shut engine off and operate all the controls to relieve any pressure.

Use only manufacturer recommended replacement parts. Other parts may be sub-standard in fit and quality.

Do not set relief valve pressures higher than recommended by the manufacturer. Relief valves should be checked and adjusted only by a trained service technician. Do not remove or block a relief valve.

Observe proper maintenance schedules. Proper maintenance can help prevent a hazardous condition.

Always wear safety goggles or glasses when working on equipment.

Never use your hands to search for hydraulic fluid leaks. Use cardboard or paper to indicate the presence of a leak. High pressure hydraulic fluid leaks can be invisible and may cause an infection or toxic reaction if skin is penetrated. Seek medical attention immediately if hydraulic fluid is injected into skin.

Always clean the ends of the hydraulic lines before attaching them to the loader. This reduces the amount of contamination in hydraulic components. Cover and protect the ends when the broom is disconnected and not being used.

SETUP AND INSTALLATION

ATTACHING THE UNIT

The pickup broom comes in three different lengths. The weight and capacity of the skid steer or prime mover determines which model broom can be attached.

DANGER: Never mount a broom to a skid steer or prime mover which is not capable of handling the weight of the broom.



Model	276024	277224	278424
Broom Size	5 ft. (1524 mm)	6 ft. (1829 mm)	7 ft. (2133 mm)
Skid-Steer Capacity	Min. 1300 lbs (590 kg)	Min 1700 lbs. (771 kg)	Min. 1700 lbs. (771 kg)

The pickup broom comes with a universal adapter plate capable of attaching the pickup broom to most common skid loaders. When attaching the pickup broom, be sure the broom is securely locked to the loader arms.

DANGER: Never walk under a raised broom.



If the pickup broom does not fit the loader arms, contact your skid-steer dealer for optional adapter plates to convert the machine to a more common adapter plate configuration. Refer to the skid-steer loader operator's manual for proper mounting and safe operation of attachments.

DANGER: Never operate an implement which is not securely attached to the skid-steer loader.



The skid-steer loader is required to have auxiliary hydraulics that are capable of 8-20 gpm (30-83 L/min). The hydraulic pressure must be capable of 2000-3250 psi (140-225 bar). Verify that the skid-steer is capable of hydraulic motor operation at these levels.

Attach the hydraulic quick couplers to the auxiliary hydraulics of the skid-steer. Connect the male quick coupler (port VA) to the pressure side of the skid-steer.

SETUP AND INSTALLATION

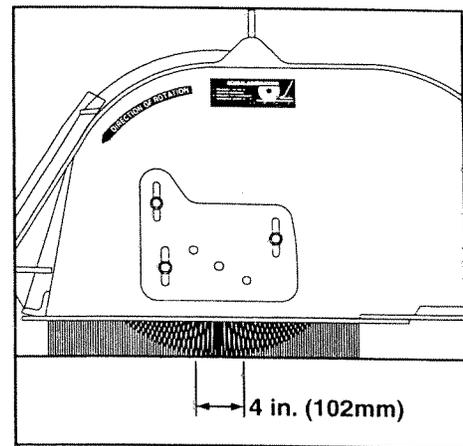
Due to the many different types and sizes of quick couplers that are used on the various brands of skid-steer loaders they are not included in the kit and must be ordered separately. The hydraulic hose ends on the Pow-R-Sweep Pick-Up Broom are #8FJX. Refer to the skid-steer loader operators manual for hydraulic quick coupler requirements.

ADJUSTING THE PICKUP BRUSHES

A properly adjusted brush offers the best sweeper performance.

To Adjust the Brush:

1. Set the broom on the dolly wheel in the front.
2. Position the rear of the broom so it is level or slightly below level.
3. Loosen the three bolts on each side support plate and lower the broom brushes (wafers) until there is the equivalent of 3-4 in. (76-102mm) of contact with the ground.
4. Tighten the bolts on the side support plates to secure the wafers into position. Be sure the wafers are even on both sides.



REMOVAL AND STORAGE

When removing the pickup broom from the skid-steer loader:

1. Position the broom on a firm, level surface. Allow the broom to rest on the dolly wheel and mustache brushes.

NOTE: If the broom will be parked for an extended length of time, place blocking under the rear of the unit to remove the weight from the mustache brushes.

2. Disconnect the hydraulic lines at the quick couplers. (Connect couplers together on the broom to protect the system from contamination.)
3. Release the adapter plates' quick-release mechanism and back away from the pickup broom.

NOTE: Use lifting eyes located on each end of the broom to move the unit if not attached to a skid-steer.

OPERATION

BEFORE OPERATING

CAUTION: Only fully trained operators or trainee operators under the close supervision of a fully trained person should use this machine.



Learn controls in an off-road location until smooth operation of sweeper is obtained.

Check all hydraulic fittings for leaks and that they are properly connected and routed. Check hardware for tightness.

Be sure all persons not operating the sweeper are clear of the sweeper discharge area.

OPERATING PROCEDURES

1. Lower the broom until the dolly wheel is firmly on the ground and the sweeper is level.
2. Lower the back of the broom until the brushes (wafers) contact the ground approximately 3 - 4 in. (102 mm). Do not exert excess pressure on the brushes or the dolly wheel.
3. Place the loader in the float position, if equipped.
4. Once the broom position is set, actuate the auxiliary hydraulics until the broom starts to rotate. **NOTE: Broom rotation should always be away from the operator.**
5. Forward travel can begin, keeping alert for bystanders or obstacles.

NOTE: If the broom does not operate, the hydraulics are connected incorrectly.

Engine speed may be increased to increase broom rotation speed. Travel speed will vary depending upon the material being swept and the terrain.

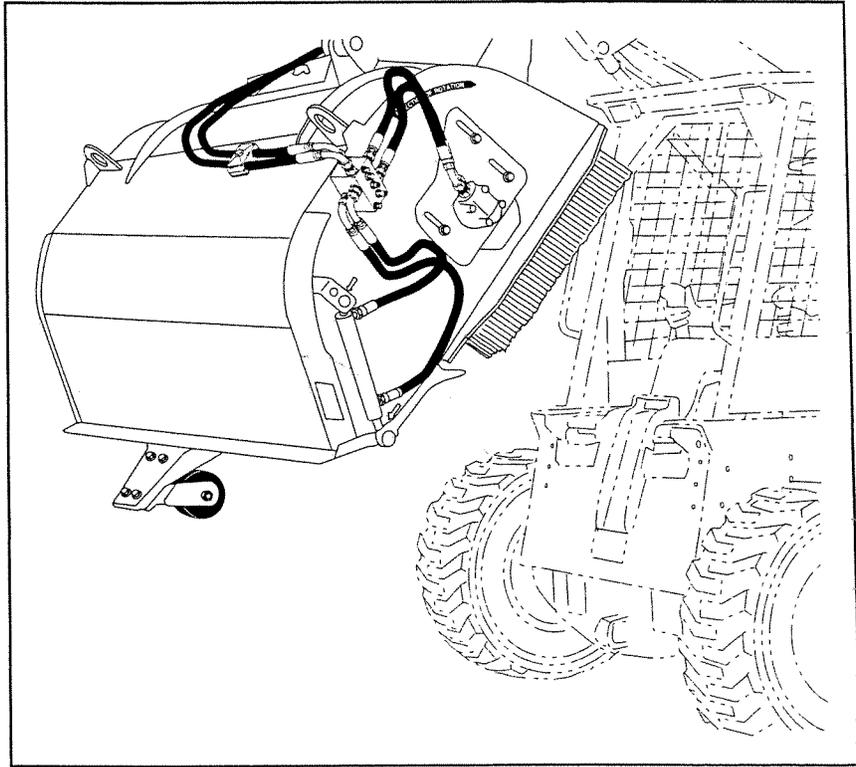
NOTE: Do not engage or disengage the brush at a high engine speed. This could damage the sweeper and motor.

When sweeping close to a wall or curb, do not use the side guards as wear plates. Do not allow the hydraulic motor (located on the left side of the machine) to contact walls or curbs.

OPERATION

DUMPING

When the broom becomes full of swept material, it will not collect as well. The broom rotation should be stopped and the broom raised slightly for transport to the stockpile or truck. If the broom is tilted forward slightly, the collected material will stay in the broom better.



CAUTION: Keep the broom as close to the ground as possible when transporting or dumping.



Once the dumping location has been reached, raise the broom approximately 2 ft. (0.6 m) above the dumped pile to allow clearance of the broom gate. Tilt the pickup broom forward slightly. Actuate the auxiliary hydraulics in the opposite direction of broom rotation to extend the cylinder and dump the load.

When the load is empty, actuate the hydraulics in the direction of broom rotation to retract the dump gate. Release the hydraulics.

NOTE: If the auxiliary hydraulics are held, pressure builds and the broom will begin to rotate.

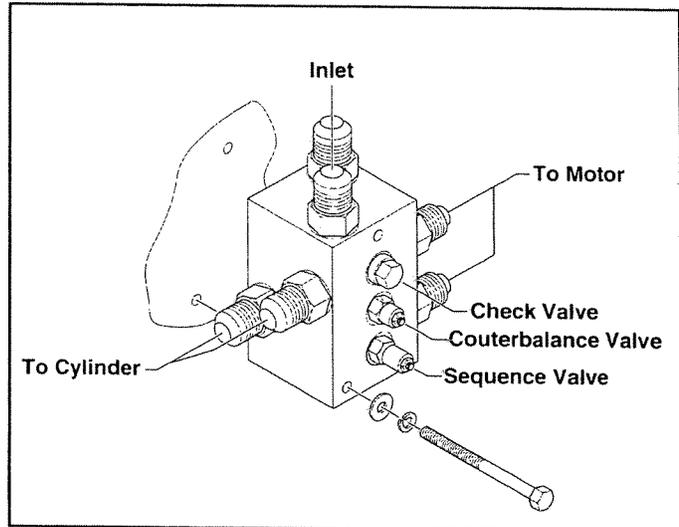
MAINTENANCE

HYDRAULIC BLOCK VALVE

Once connected to the skid-steer, the hydraulics are routed to a block valve. The block valve contains a sequence cartridge which controls oil flow to either the hydraulic motor or gate cylinder.

Oil is always directed to the cylinder first. Pressure builds in the cylinder, opening or closing the gate. Once the cylinder reaches the end of its travel, pressure builds in the sequence cartridge. This opens the ports to the hydraulic motor and begins operation of the broom.

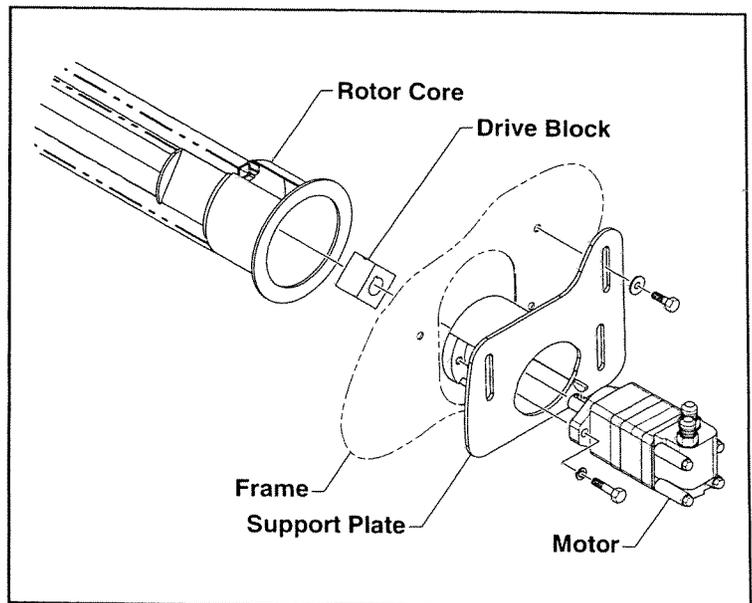
The valve cartridges in the block valve can be removed and cleaned or replaced. Make sure the O-rings are in good condition, with no cuts or tears.



HYDRAULIC MOTOR

Removal

1. Lower the broom to rest on the ground. Place supports under the frame of the broom if not supported by the skid-steer.
2. Tag and disconnect the hydraulic hoses from the hydraulic motor.
3. Remove the three bolts and washers attaching the support plate to the frame.
4. Remove the two bolts and washers securing the motor to the support plate. Remove the motor. The drive block will pull out of the rotor core.
5. Remove the setscrew securing the drive block to the motor shaft and remove the block.





MAINTENANCE

Installation

1. Attach the motor to the support plate using the two bolts and washers previously removed.

NOTE: Always clean the tips of any hydraulic lines before attaching to prevent contamination of the hydraulic system.

2. Connect the hydraulic lines to the hydraulic motor as tagged during removal.
3. Slide the support and motor assembly into the end of the frame. Be sure the guide pins of the broom brushes are clear of the motor. Loosely attach the assembly to the frame using the three bolts and washers previously removed.
4. Adjust the height of the broom so the brushes are slightly lower than the dolly wheel.

NOTE: If necessary, adjust the other side of the broom and the mustache brushes around the frame. All bristles should be even around the frame and even with the brush.

5. Attach pickup broom to the skid-steer as outlined in the assembly and setup procedures.

GATE CYLINDER

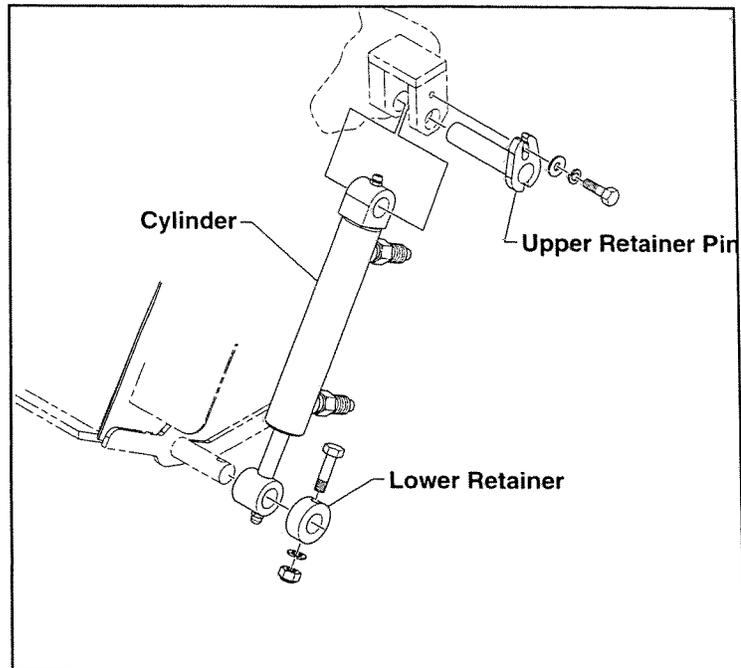
Removal

1. Place blocking under the gate to prevent the opening of the gate and remove the load from the cylinder.
2. Tag and disconnect the hydraulic lines to the gate cylinder. Cap and plug all openings.
3. Remove the bolt, lock washer and flat washer securing the upper attaching pin to the frame. Remove the pin.
4. Remove the bolt, lock washer and nut securing the lower retainer to the frame pin. Remove the retainer and cylinder.

MAINTENANCE

Installation

1. Place the rod end of the cylinder on the pin welded to the gate. Secure the cylinder with the lower retainer and the 5/16 x 2-1/2 in. bolt, lock washer and nut.
2. Position the barrel end of the cylinder in the cylinder mount. Insert the upper retainer pin through the barrel end of the gate cylinder and the cylinder mount on the frame. Secure the pin with the 3/8 x 1 in. bolt, lock washer and flat washer.



NOTE: Always clean the tips of any hydraulic lines before attaching to prevent contamination of the hydraulic system.

3. Connect the hydraulic lines to the cylinder as tagged during disassembly.

GATE ASSEMBLY

NOTE: If possible, empty the load before removing the gate.

1. With the broom removed from the skid loader, use an adequate lifting device to tilt the broom back (onto adapter plate). If possible, the unit may be turned over completely.
2. Remove the bolt, lock washer and nut securing lower attaching pin in the cylinder. Remove the pin.
3. Using a small punch, tap on the gate hinge pin until the opposite end is protruding several inches.
4. Pull on the hinge pin until clear of the unit.
5. Remove gate.

MAINTENANCE

Installation

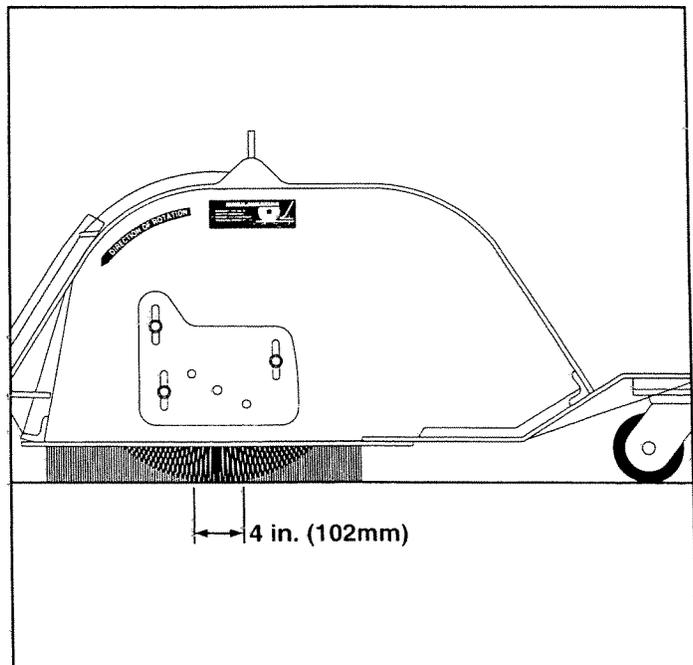
1. Position the gate on the frame.
2. With the two halves of the hinge aligned, insert the hinge pin completely through the hinge.
3. Attach the lower end of the gate cylinder to the gate using the attaching pin. Secure the attaching pin with the 5/16 x 2-1/2 in. bolt, lock washer and nut.
4. Using an adequate lifting device, position the broom right side up for attaching to the skid steer.

ROTATING BROOM

The rotating broom will require adjustment as the bristles wear and become shorter. Once the bristles become worn to the point that they will no longer extend beyond the frame, they should be replaced.

Adjustment

1. Set the broom on the dolly wheel in the front. Position the rear of the broom so the it is level or slightly below level.
2. Loosen the three bolts on each side support plate. Lower the broom bristles so there is the equivalent of 3-4 in. (76-102 mm) of contact with the ground.
3. Tighten the bolts on the side support plates to secure the broom into position. Be sure the broom is even on both sides.

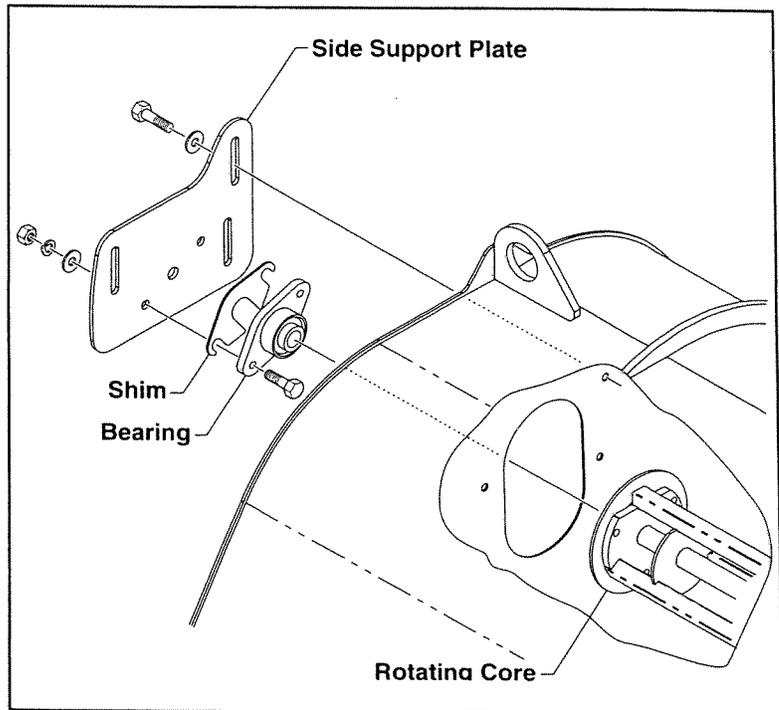


MAINTENANCE

Replacement

1. Lower the broom to rest on the ground. Support the frame with the dolly wheel in the front and the skid-steer in the back.

2. Remove the three bolts, lock washers and nuts securing the left side support plate and motor assembly to the frame. Remove the plate and motor assembly and wire tie it to the frame to prevent pulling on the motor hoses.



3. Remove the three bolts, lock washers and nuts securing the right side support plate to the frame. Remove the plate. The shim and bearing will be removed with the plate.

4. Using the skid-steer hydraulics, carefully lift the frame assembly. Allow the broom to stay on the ground.

5. Remove the brushes by sliding them off the end of the core.

6. Install new brushes (wafers) onto the core, alternating the direction of each brush. Two types of brushes can be installed: a poly bristle or wire bristle. The brushes can also be alternated.

7. Using the skid-steer hydraulics, lower the frame assembly over the rotating assembly. Take care not to damage the new bristles.

8. If necessary to replace the right side support bearing, remove the two bolts, washers, lock washers and nuts securing the bearing and shim to the right side support plate. Attach the new bearing and shim(s) to the plate.

9. Loosely attach the right side support plate to the frame.



MAINTENANCE

10. Place the motor and left side support plate in position on the frame. Loosely install the bolts, lock washers and nuts previously removed.
11. With the rotating bristles adjusted to be even with the mustache brushes, tighten the bolts in the right and left side support plates. Be sure the bristles are even side-to-side.

MUSTACHE BRUSHES

To provide a clean sweep with a minimum amount of dirt and dust escaping from the broom, keep the mustache brushes in good condition. When worn or damaged, they should be replaced. The mustache brushes are secured to the frame by retainers. To replace a brush:

1. Remove the retainer bolts and retainers. Remove the brush.
2. Place a new brush into position and loosely install the retainers using the retainer bolts previously removed.
3. Set the brushes so the two side brushes and the end brush are even around the frame. Tighten the bolts into the retainers to secure the brush in position.
4. Adjust the height of the rotating broom to match that of the mustache brushes.

SPECIFICATIONS

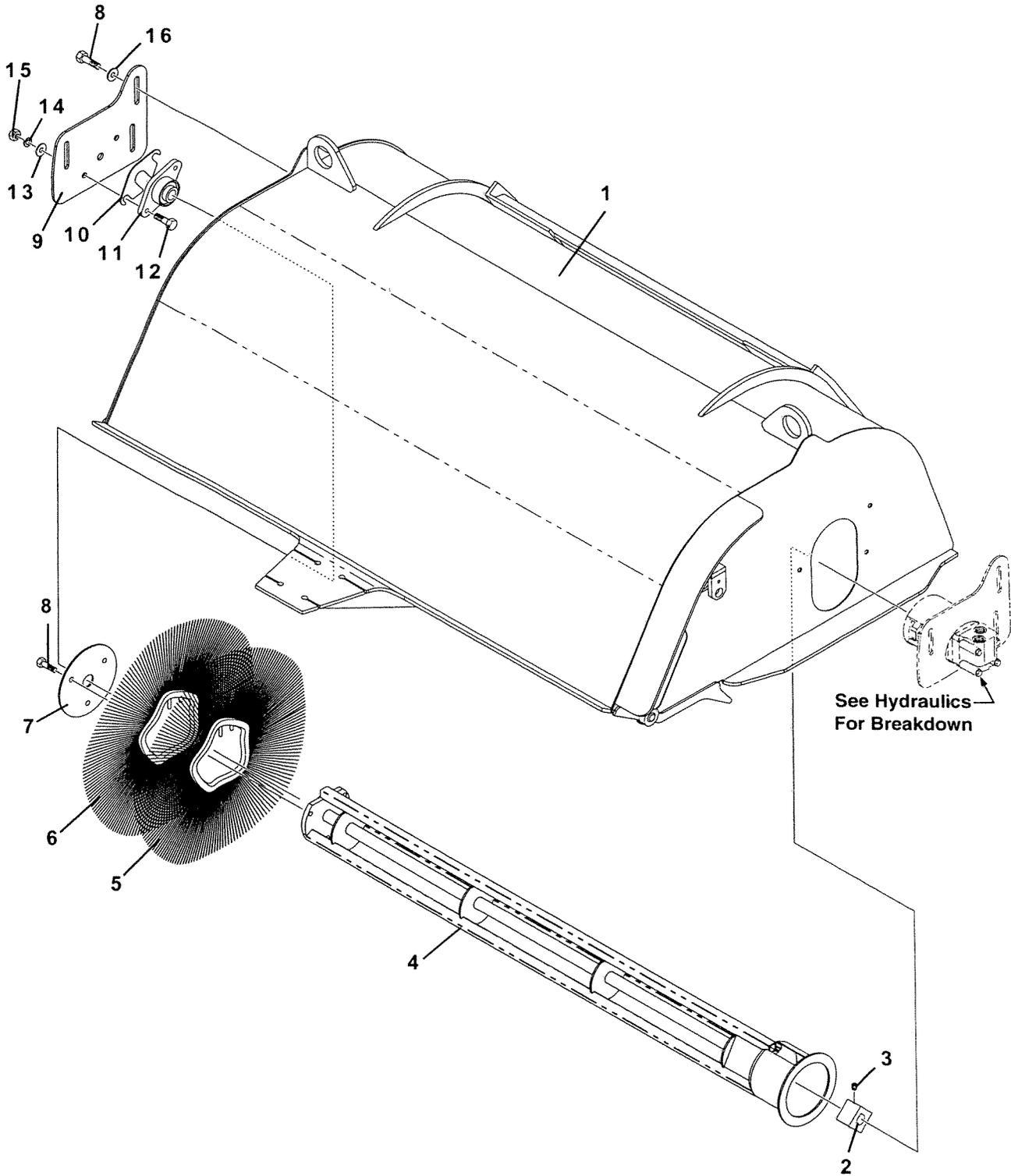
	MODEL		
	276024	277224	278424
Overall Width	73" (1854 mm)	85" (2159 mm)	97" (2464 mm)
Sweeping Width	60" (1524 mm)	72" (1829 mm)	84" (2133 mm)
Height	25" (635 mm)		
Length	64" (1626 mm)		
Weight	960 lbs (435 kg)	1020 lbs (463 kg)	1080 lbs (490 kg)
Drive Method	Direct Drive Hydraulic		
Number of Motors	1		
Effective Displacement	14.9 in ³ (244 cc)		
Hydraulic Flow Range	8-20 gpm (30-75 L/min)		
Hydraulic Pressure Range	2000-3250 psi (138-225 bar)		
Rated Brush Speed	130 rpm @ 10 gpm (38 L/min)		
Hopper Capacity	.26 yd ³ (.20 m ³)	.31 yd ³ (.24 m ³)	.39 yd ³ (.30 m ³)
Hydraulic Hose Type	SAE 100R2AT		
Brush Diameter	24" (610 mm)		
Brush Head Retention	Internal		
Brush Material	Replaceable Polypropylene / steel wire sections		



PARTS TABLE OF CONTENTS

Sweeper & Brush Assembly	18 & 19
Replacement Mustache Brushes	20 & 21
Dolly Wheel	22 & 23
Hydraulics	24 & 25
Decals	26 & 27

SWEEPER & BRUSH ASSEMBLY

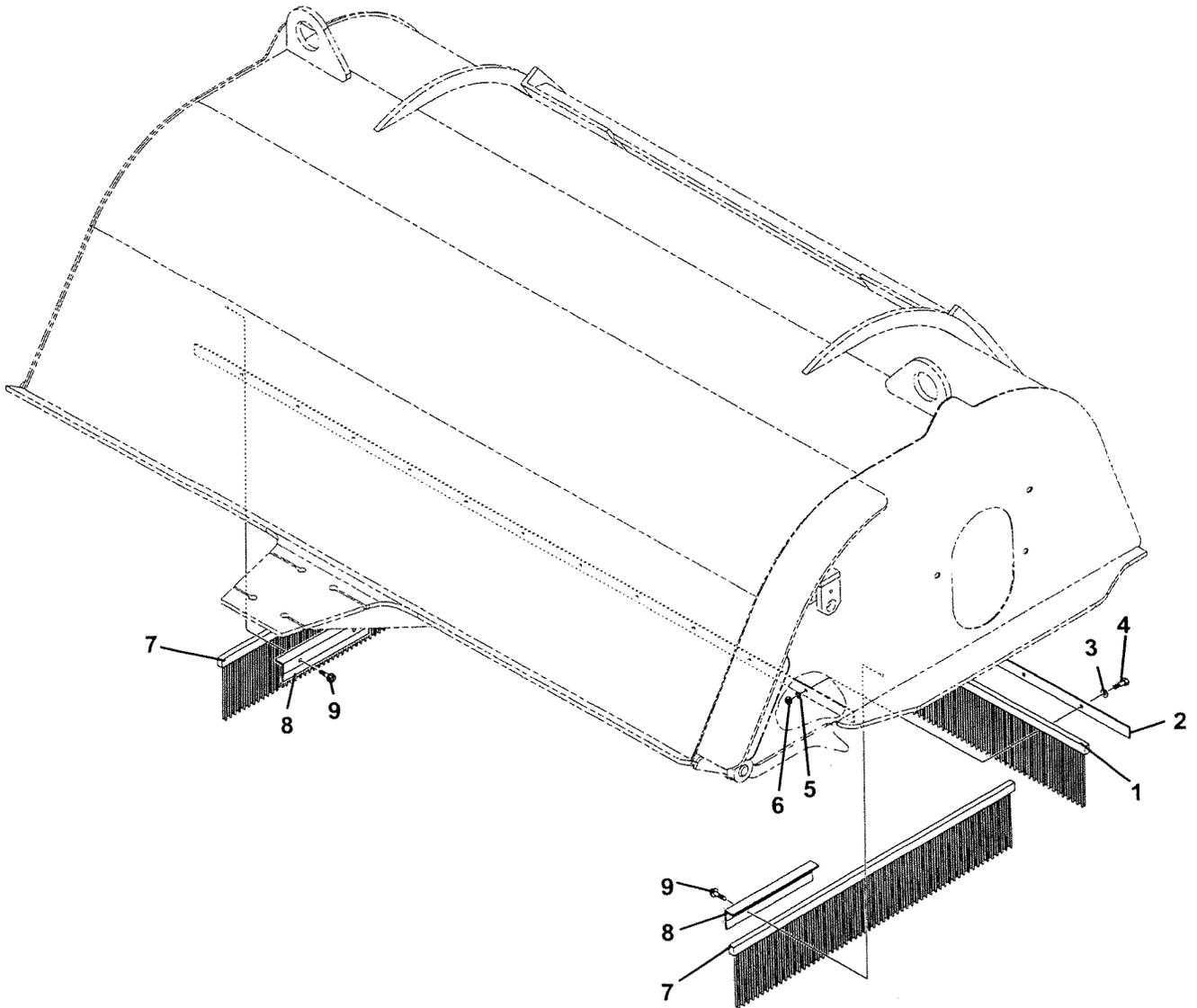




SWEEPER & BRUSH ASSEMBLY

<u>NO.</u>	<u>REQ'D</u>	<u>PART NO.</u>	<u>DESCRIPTION</u>
1	1	89238	5' Pick-up Sweeper, 24" Dia. x 5' Long
	1	89239	6' Pick-up Sweeper, 24" Dia. x 6' Long
	1	89240	7' Pick-up Sweeper, 24" Dia. X 7' Long
2	1	89255	2" Square Drive Block
3	1	10005	Set Screw, .25-28" UNF x .38" Long
4	1	89241	5' Long Core
	1	89242	6' Long Core
	1	89243	7' Long Core
5	--	89236	Poly Brush, 6.38" x 24" (See Below for No. Req'd) 5' Broom = 17 6' Broom = 20 7' Broom = 23
6	--	89237	Wire Brush, 6.38" x 24" (See Below for No. Req'd) 5' Broom = 16 6' Broom = 19 7' Broom = 22
7	1	89254	Plate, Retainer
8	6	1338	.50" UNF x 1.00" Hex Head Bolt
9	1	89244	Bearing Mount
10	As Req'd	89245	Shim .125" Thick
11	1	89246	Bearing
12	2	1091	.50" UNC x 1.75" Hex Head Bolt
13	2	1516	.50" Flat Washer
14	2	1505	.50" Lock Washer
15	2	1228	.50" UNC Hex Nut
16	3	1646	.50" Hard Flat Washer

MUSTACHE BRUSHES

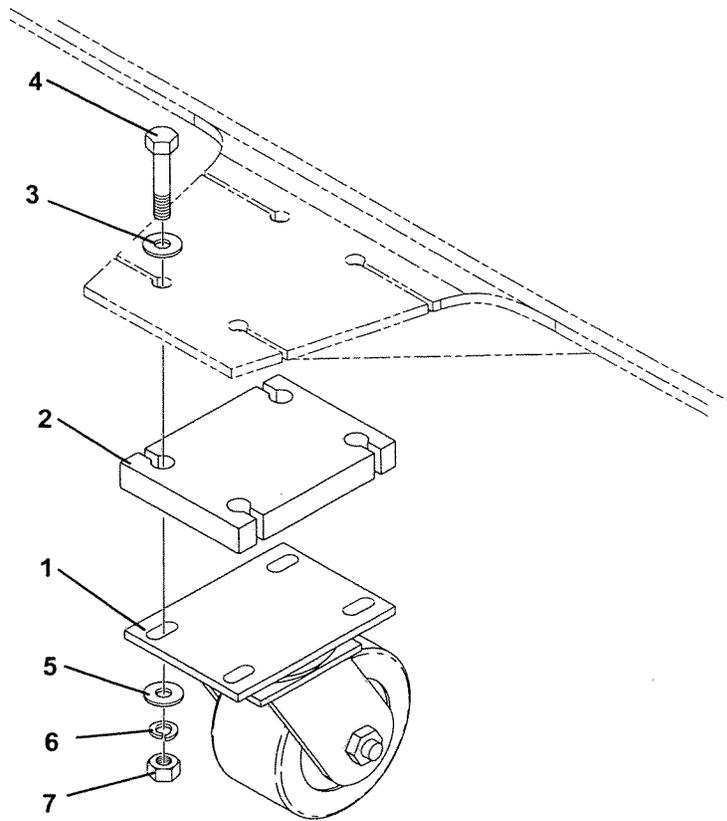




MUSTACHE BRUSHES

<u>NO.</u>	<u>REQ'D</u>	<u>PART NO.</u>	<u>DESCRIPTION</u>
1	1	89223	6" Front Mustache Brush (5' Broom)
	1	89224	6" Front Mustache Brush (6' Broom)
	1	89225	6" Front Mustache Brush (7' Broom)
2	1	89247	Front Mustache Brush Retainer (5' Broom)
	1	89248	Front Mustache Brush Retainer (6' Broom)
	1	89249	Front Mustache Brush Retainer (7' Broom)
3	As Req'd	1512	.25" Flat Washer
4	As Req'd	1255	.25" UNF x 1.50" Hex Head Bolt
5	As Req'd	1501	.25" Lock Washer
6	As Req'd	1474	.25" UNF Hex Nut
7	2	89226	6" Side Mustache Brush (All Brooms)
8	4	89250	Side Mustache Brush Retainer
9	8	89251	#14 x 1.50" Self Tapping Screw

DOLLY WHEEL

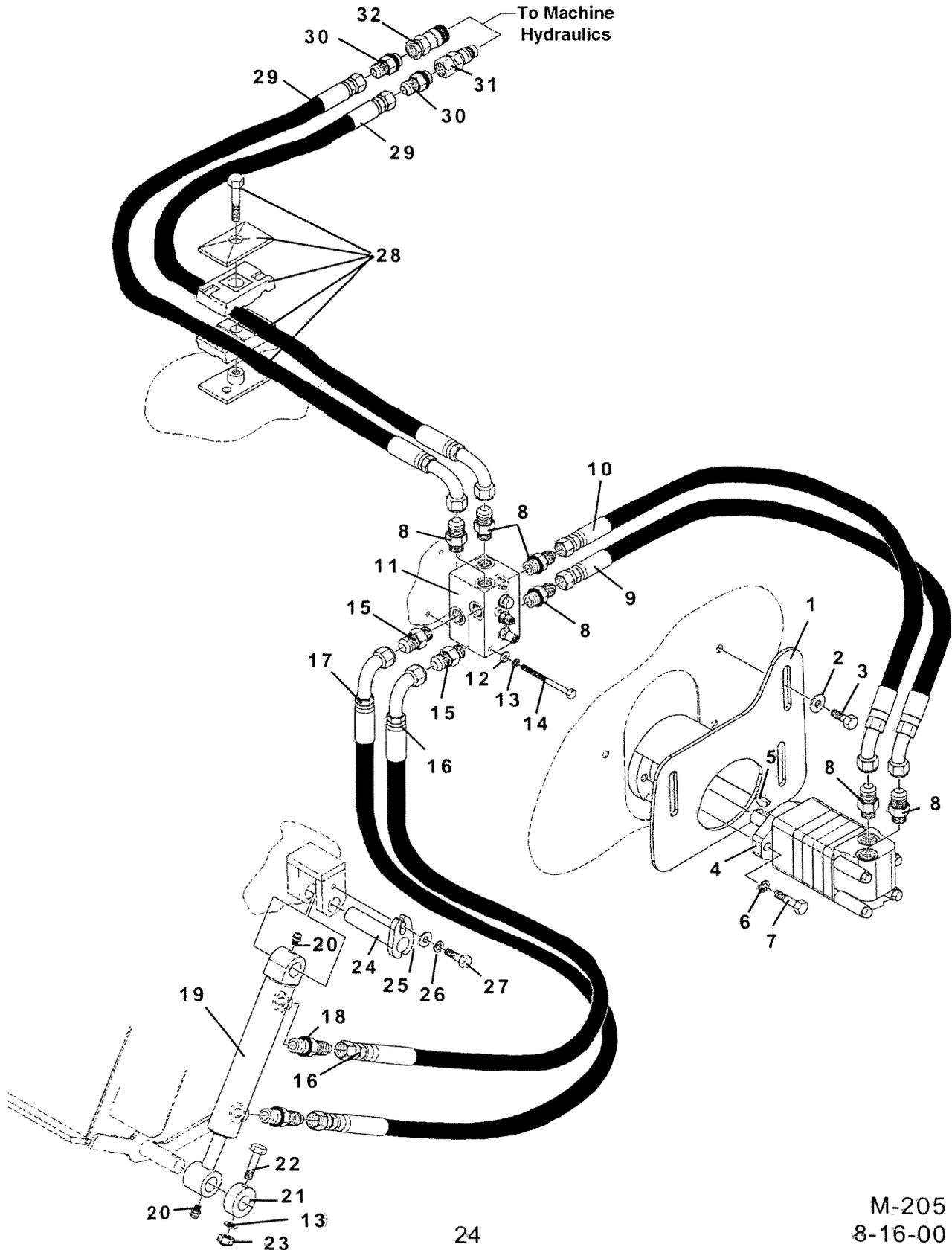




DOLLY WHEEL

<u>NO.</u>	<u>REQ'D</u>	<u>PART NO.</u>	<u>DESCRIPTION</u>
1	1	89252	Dolly Wheel
2	1	89253	Shim 1.00" Thick
3	4	1516	.50" Flat Washer
4	4	1094	.50" UNC x 2.50" Hex Head Bolt
5	4	1646	.50" Hard Flat Washer
6	4	1505	.50" Lock Washer
7	4	1228	.50" UNC Hex Nut

HYDRAULICS



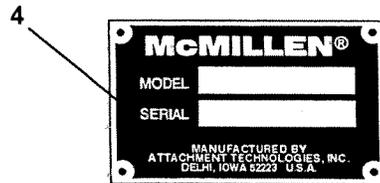
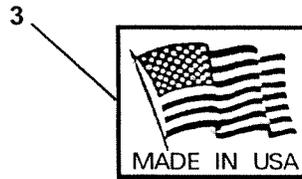
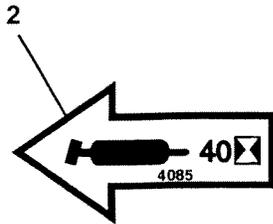


HYDRAULICS

<u>NO.</u>	<u>REQ'D</u>	<u>PART NO.</u>	<u>DESCRIPTION</u>
1	1	89257	Motor Mount
2	3	1646	.50" Hard Flat Washer
3	3	1088	.50" UNC x 1.00" Hex Head Bolt
4	1	89258	Hydraulic Motor (Includes Key Item #5)
5	1	1791	Woodruff Key 1.00" Dia. x .25" Thick
6	2	1505	.50" Lock Washer
7	2	1091	.50" UNC x 1.75" Hex Head Bolt
8	6	3103	Straight Adapter Fitting, 8MJ x 8 MBo
9	1	37760	Hose Assembly, .50" x 14.50" Long 8FJX-8FJX 45° Short
10	1	37761	Hose Assembly, .50" x 17.50" Long 8FJX-8FJX 45° Short
11	1	89259	Valve Assembly
	--	45777	Replacement Seal Kit
	--	45774	Top Replacement Cartridge
	--	45775	Center Replacement Cartridge
	--	45776	Lower Replacement Cartridge
12	2	1513	.31" Flat Washer
13	3	1502	.31" Lock Washer
14	2	1284	.31" UNF X 4.00" Hex Head Bolt
15	2	3269	Straight Adapter Fitting 6MJ x 8MBo
16	1	37762	Hose Assembly, .38" x 11.50" Long 6FJX-6FJX 90° Short
17	1	37763	Hose Assembly, .38" x 20.50" Long 6FJX-6FJX 90° Short
18	2	3457	Straight Adapter Fitting 6MJ x 6MBo
19	1	89200	Cylinder Assembly, 1.50" Bore x 8" Stroke - Includes #20
20	2	9371	Grease Zerk Fitting, .125"-27NPT
21	1	89256	Lower Cylinder Retainer
22	1	1278	.31" UNF x 2.50" Hex Head Bolt
23	1	1475	.31" UNF Hex Nut
24	1	89260	Upper Cylinder Retainer
25	1	1514	.38" Flat Washer
26	1	1503	.38" Lock Washer
27	1	1293	.38" UNF x 1.00" Hex Head Bolt
28	1	89261	Hose Clamp Assembly - Includes Bolt
29	2	37764	Hose Assembly .50" x 84" Long 8FJX 90° Short-8FJX
30	2	3070	Straight Adapter Fitting, 8MJ x 8MP
31	1	84924	Male Coupler (Bobcat/NH/Trak/Mustang/Gehl)
	1	86863	Male Coupler (Case)
32	1	84925	Female Coupler (Bobcat/NH/Trak/Mustang/Gehl)
	1	86862	Female Coupler (Case)

POW **R** SWEEP™ McMILLEN®

DECALS



OPERATION INSTRUCTIONS

WHEN SWEEPING

1. BUCKET TO BE 2" ABOVE GROUND
2. BRUSH TO CONTACT GROUND OVER 3" TO 4"

#40348

⚠ WARNING

HIGH-PRESSURE FLUID HAZARD

To prevent serious injury or death:

- Relieve pressure on system before repairing or adjusting or disconnecting.
- Wear proper hand and eye protection when searching for leaks. Use wood or cardboard instead of hands.
- Keep all components in good repair.

#40151

⚠ DANGER

OVERLOADING MACHINE CAN CAUSE SEVERE INJURY OR DEATH.

FOR SKID-STEERS 1300-1650 LBS. CAPACITY
USE 5 FT. WIDE POW-R-SWEEP.

FOR SKID-STEERS 1700 LBS. OR MORE CAPACITY
USE 6 FT. WIDE POW-R-SWEEP.

#40349



DECALS

<u>NO.</u>	<u>REQ'D</u>	<u>PART NO.</u>	<u>DESCRIPTION</u>
1	1	40459	Pow-R-Sweep Decal - Large
	2	40466	Pow-R-Sweep Decal - Small
2	2	4085	Grease 40 Hours
3	1	4338	Made In U.S.A. Decal
4	1	22677	Serial Number Tag
5	1	40347	Direction Of Rotation Decal
6	1	40348	Operation Decal
7	1	40151	High Pressure Fluid Warning Decal
8	1	40349	Danger! Overloading Machine