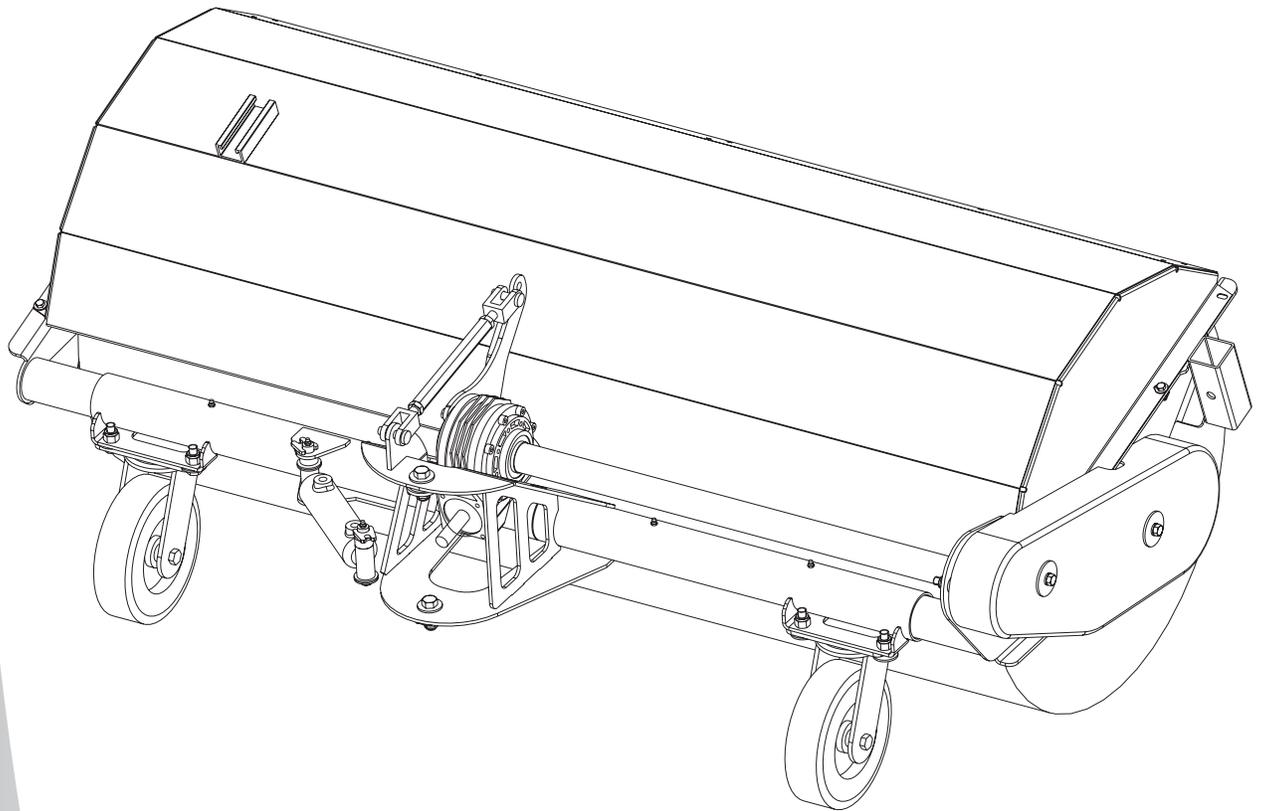


OPERATOR'S MANUAL

Model MCT

Mechanical Power Broom



M-B Companies, Inc.
1615 Wisconsin Ave.
P. O. Box 200
New Holstein, WI 53061-0200
(920) 898-1560 or 800-558-5800
FAX: (920) 898-4588

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INTRODUCTION

OPERATOR'S MANUAL

You must read, understand and comply with all the safety and operating instructions in this manual before attempting to set-up and operate your power broom.

Failure to comply with the safety and operating instructions can result in loss of machine control, serious personal injury to you and/or bystanders, and risk of equipment and property damage.

IDENTIFICATION NUMBERS

When contacting your authorized dealer for information, replacement parts or service, you **MUST** have the model and serial number of your unit.

Record the serial number in the space provided. The serial number plate/decals can be found in the location shown in Figure 1.

Model Name/Number:	
Date Purchased:	Serial #:



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SAFETY

SAFETY ALERTS

Signal words and alert symbols notify of important safety precautions.

DANGER!



Indicates a hazardous situation which, if not avoided, will result in serious injury or death.

WARNING!



Indicates a hazardous situation which, if not avoided, could result in serious injury or death.

CAUTION!



Indicates a hazardous situation or unsafe practice which, if not avoided, could result in minor or moderate injury or property damage.

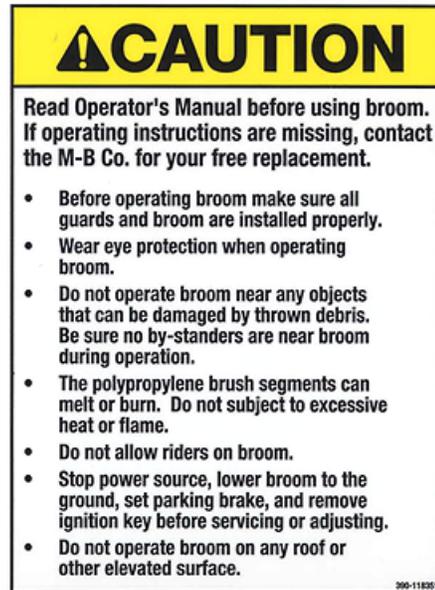
SAFETY DECALS

Although reading this manual and the safety instructions it contains will provide you with the necessary basic knowledge to operate this equipment safely and effectively, we have placed several safety labels on the unit to remind you of this important information while you are operating your unit.

All DANGER, WARNING, CAUTION, and instructional messages on your unit should be carefully read and obeyed. Bodily injury can result when these instructions are not followed. The information is for your safety and it is important.

These labels will act as a constant visual reminder to you, and others who may use the equipment, to follow the safety instructions necessary for safe, effective operation.

If any of these labels are lost or damaged, replace them at once. See your local dealer for replacements.



PRE-START GUIDELINES

- Install any covers or guards which may have been removed for shipping purposes.
- Before starting equipment, walk around equipment, making a visual inspection that all safety devices are properly installed and secured.
- Check that all hardware, fasteners, hydraulic fittings, etc. are in good condition and properly fastened. Replace any fatigued or damaged items with proper replacements.
- Personnel who are not required to be in the work area should be kept away. Never start the equipment unless you are absolutely certain that everyone in the area is clear of the machine and aware it is being started.
- Follow the manufacturer's recommended start-up procedure.

OPERATION GUIDELINES

Read, understand and follow all instructions in the manual and on the unit before starting.

- To avoid serious injury or death, do not modify equipment. Any modifications made to equipment can be dangerous and can void equipment warranty.
- Never defeat a safety device to make a task easier.
- Always wear proper apparel when operating equipment; safety glasses, face shield or goggles, ear protection, and dust mask. Tie hair back. Never wear loose clothing or jewelry that could get caught in moving parts.
- Never operate equipment with covers or guards removed. Rotating parts can cause severe injury. Keep hands, feet, hair, jewelry and clothing away from all moving parts.
- Only allow responsible adults who are familiar with the instructions, to operate the unit (local regulations can restrict operator age).
- Clear the area of objects such as rocks, toys, wire, etc., which could be picked up and thrown.
- Be aware of surroundings. Be sure the area is clear of other people, bystanders or pets. Stop unit if anyone enters the area.
- Always look down and behind before and while traveling in reverse.

SAFETY

- Be aware of discharge direction and do not point discharge at anyone. Do not point the discharge at glass enclosures, automobiles, or windows.
- Always stand clear of the discharge area when operating this unit.
- Disengage all clutches and PTO's before starting engine.
- Never leave a running machine unattended. Always disengage the attachment and traction controls, lower the attachment, set the park brake, stop the engine and remove the ignition key before leaving the machine.
- Operate only in daylight or good artificial light.
- Never carry passengers.
- Do not operate the unit while under the influence of drugs, alcohol or other medication.
- Watch for traffic when operating near or crossing roadways.
- Use extra care when loading or unloading the unit into a trailer or truck.
- Keep in mind the operator is responsible for accidents occurring to other people or property.
- Data indicates that operators, age 60 years and above, are involved in a large percentage of power equipment-related injuries. These operators should evaluate their ability to operate the unit safely enough to protect themselves and others from injury.
- All operators should seek and obtain professional and practical instruction.
- Protect eyes, face and head from objects that may be thrown from unit. Wear appropriate hearing protection.
- Always wear substantial footwear and appropriate clothing. Wear footwear that improves traction on slippery slopes. DO NOT wear long scarves or loose clothing that could become entangled in moving parts.
- Abnormal Vibrations are a warning of trouble. Striking a foreign object can damage unit. Stop unit and engine. Wait for all moving parts to stop. Inspect unit and make any necessary repairs before restart.
- Never place your hands or any part of your body or clothing inside or near any moving part while unit is running.
- Stop engine before: refueling, cleaning, making adjustments or removing the attachment assembly.
- Follow the drive unit manufacturer's recommendations for wheel weights or counter weights.
- Make any adjustments before operating unit.
- Do not touch parts which may be hot from operation. Allow such parts to cool before attempting to service the unit.
- Before using, always visually check that hardware is present, intact and secure. Replace worn or damaged parts.
- Never operate the machine with damaged guards, or without safety protective devices in place.
- Follow the manufacturer's recommendations for towing weight restrictions and procedures.
- Original purchaser of this unit was instructed by the seller on safe and proper operation. If unit is to be used by someone other than original purchaser; loaned, rented or sold, ALWAYS provide this manual and any needed safety training before operation.
- The Operator must understand the functions and parameters of all controls and how to operate, as well as how to STOP in an Emergency.

NOTE: All reference to left, right, front, or rear are given from the operator position and facing forward.

MAINTENANCE GUIDELINES

- Maintain or replace safety and instruction decals/labels as necessary.
- Never run a unit in an enclosed area.
- Keep nuts and bolts tight and keep equipment in good condition
- Never tamper with safety devices. Check their proper operation regularly and make necessary repairs if they are not functioning properly.
- Keep unit free of debris and build-up. Clean up any oil spillage.
- Never make adjustments or repairs with the engine running unless specified otherwise in the engine manufacturer's manual.
- Components are subject to wear, damage, and deterioration. Frequently check components and replace with the manufacturer's recommended parts, when necessary.
- Check control operation frequently. Adjust and service as necessary.
- Use only factory authorized parts when making repairs.
- Always comply with factory specifications on all settings and adjustments.
- Only authorized service locations should be utilized for major service and repair requirements.
- Never attempt to make your own repairs on this unit unless you have been properly trained. Improper service procedures can result in hazardous operation, equipment damage and voiding the manufacturer's warranty.
- Stop engine on tractor and set parking brake before performing any adjustments on the machinery.
- Do not disassemble a pressurized system unless properly trained and equipped with adequate tooling.
- Escaping hydraulic fluid under pressure can have sufficient force to penetrate the skin, causing serious injury. Before operation, be sure that all hydraulic connections are tight and hoses are not damaged. Relieve pressure in system before making adjustments.
- Oils and fluids can be very hot under pressure. Use caution and allow the system to cool before beginning maintenance work.
- Never operate or pressurize one of these systems with worn or damaged components. Replace hoses, fittings, valves or other components which appear defective.
- Never adjust pressurized systems beyond recommended levels to achieve higher operating pressures.
- NEVER search for hydraulic leaks with only your hands. Use cardboard or a piece of wood.
- For engine equipped models, follow specific engine manufacturer's recommended service intervals for dirty/dusty environments.

CONTROLS AND FEATURES

CONTROLS

Operation of the MCT Broom is accomplished with the prime mover's controls. Refer to the prime mover's Operation/Owner's Manual.

FEATURES

Refer to the Setup and Adjustments instruction, Specifications, and Parts Lists within this manual for information on the MCT Broom components and functions.

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SETUP AND ADJUSTMENTS

Proper assembly, installation and adjustment of your power broom will increase the life of the brush and produces more efficient movement of material. Visually inspect the adjustments on the broom before each operating session and measure the adjustments once every 10 hours.

PATTERN ADJUSTMENT

1. Once the broom is mounted to the prime mover, park the unit on a flat level surface; preferably concrete or asphalt.
2. Loosen the jam nut on each end of the adjustment turnbuckle. See Figure 1.

3. Adjust the turnbuckle length to raise/lower broom so that the brush contact patch is approximately 3" wide from front to rear. Lengthening the turnbuckle will lower the broom, creating more contact.
4. Confirm adjustment by running the broom for about 30 seconds in the down position while stationary. Stop the broom and back the unit away. The 'cleaned' area (contact patch) should be 2"-4" wide for the entire length of the broom. See Figure 2.

Once the broom has been properly adjusted, a short operation period is recommended for break-in; approximately 15 minutes. After this break-in period, repeat the leveling procedure to ensure that it is correct.

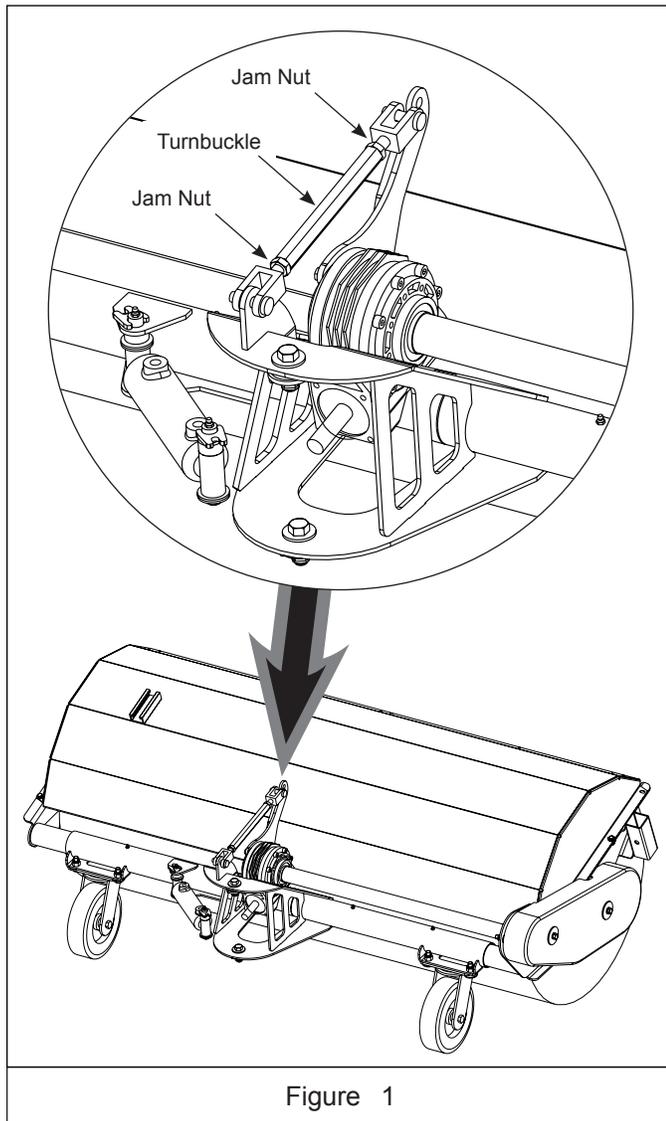


Figure 1

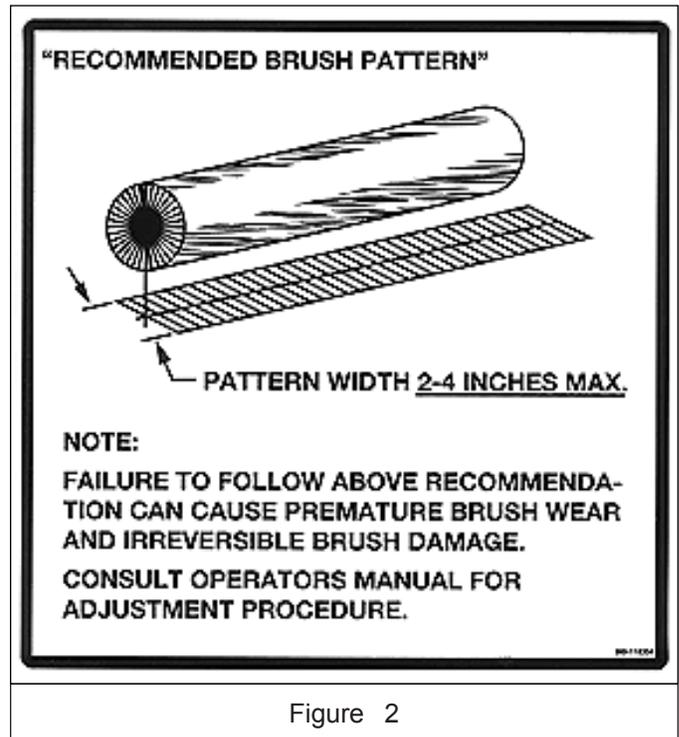
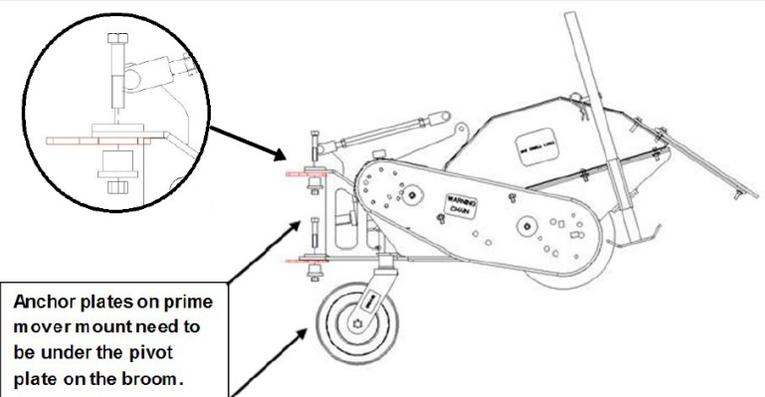


Figure 2



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OPERATION

PRE-STARTUP CHECKS

IMPORTANT! You must read, understand and comply with all the safety and operating instructions in this manual before attempting to set-up and operate your power broom.

Failure to comply with the safety and operating instructions can result in loss of machine control, serious personal injury to you and/or bystanders, and risk of equipment and property damage.

1. Visually inspect equipment and hardware to ensure that all parts are secure and all hardware is tightened and secure.
2. Check for oil leaks and loose hose connections.
3. Inspect the broom adjustments to ensure that the broom is level and that the brush pattern is set properly. Refer to the **SETUP AND ADJUSTMENT** section of this manual.
4. Inspect the bristle length to determine if replacement segments are needed.

TRAVEL PROCEDURE

Follow these instructions for extended travel (i.e. to and from the sweeping site):

- Set broom rotation control to the OFF position.
- Use the lift control to bring the broom to the fully raised position.
- Raise the broom support stands to the highest position and secure in place.

OPERATION

IMPORTANT! The support stands should never be used for anything other than as stationary storage stands to hold the broom up while it is being stored.

- Ensure the support stands are raised to the highest position and secured in place.
- Sweep at a speed that is appropriate for the conditions and location.
- For heavy material such as gravel or stones, drive more slowly with a higher broom speed. For lighter material, drive faster with a lower broom speed.
- It may be necessary to increase broom contact pattern under some conditions. If the surface being swept is uneven and causes the broom to leave upswept patches, increase the pattern size to compensate.
- If the material being swept is dried-on or difficult to remove, such as mud or ice, it may be necessary to drive extremely slow to allow the broom to "scrub" the surface.

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MAINTENANCE

MAINTENANCE SCHEDULE

- Check adjustments – every 10 hours
- Grease bearings – after initial 10 hours, then every 200 - 300 hours thereafter.
- Grease pivot points – every 50 hours

NOTE: Grease points are noted with an applicable decal.



- Tighten drive chain – every 50 hours
- Lightly oil drive chain – as needed
- Replace brush filler – as needed

LUBRICATION

- Grease bearings and pivot points per the MAINTENANCE SCHEDULE using Chevron Ultra Duty II, Grade 2; or equivalent high-temp grease.
- There are minimum of (9) grease points on the unit; (4) in the frame tubes, (2) in the swing cylinder locking pins and (2) on the brush ends and (1) on the drive jackshaft end support bearing. There may be (2) additional grease fittings, one on each caster wheel assembly.
- Refer to the vendor literature within the PARTS LIST section of this manual for the lubrication recommendations of the drive gearbox manufacturer.

FILLER REPLACEMENT

Core Removal

1. Lower broom until brush contacts the ground then loosen mechanical head anchor.
2. Remove (2) 3/8-16 x 1" hex head capscrews, lock washers, flat washers and chain guard from the brush frame. See Figure 1.

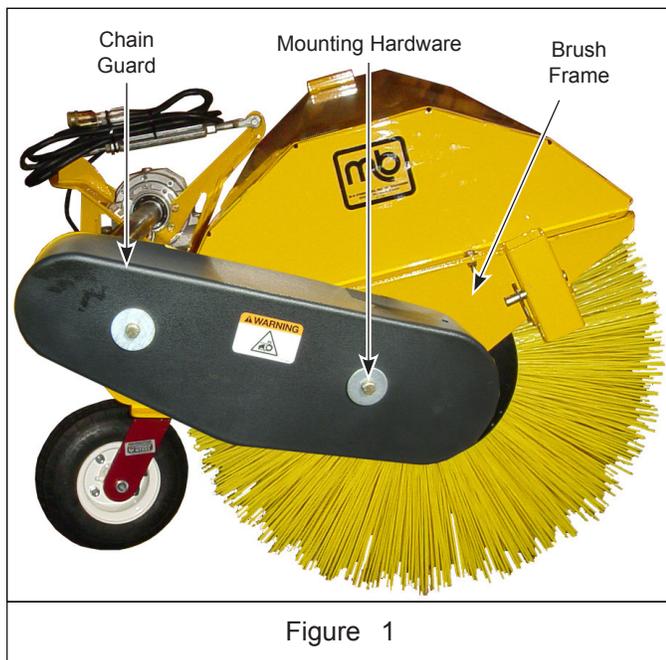


Figure 1

3. Loosen 1/2-13 x 3-3/4" socket head capscrew attaching chain tensioner and rotate tensioner until chain is slack. See Figure 2.

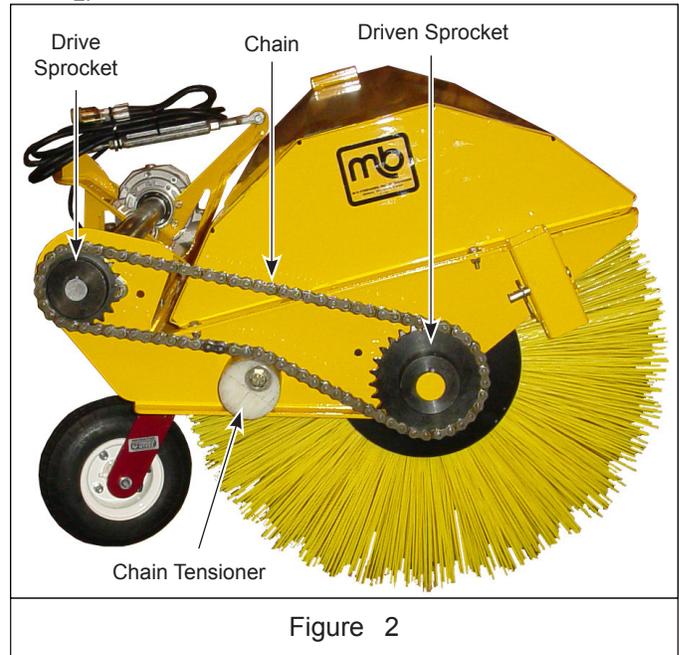


Figure 2

4. Remove chain half-link and clip to disconnect chain ends. Remove drive chain. See Figure 3.

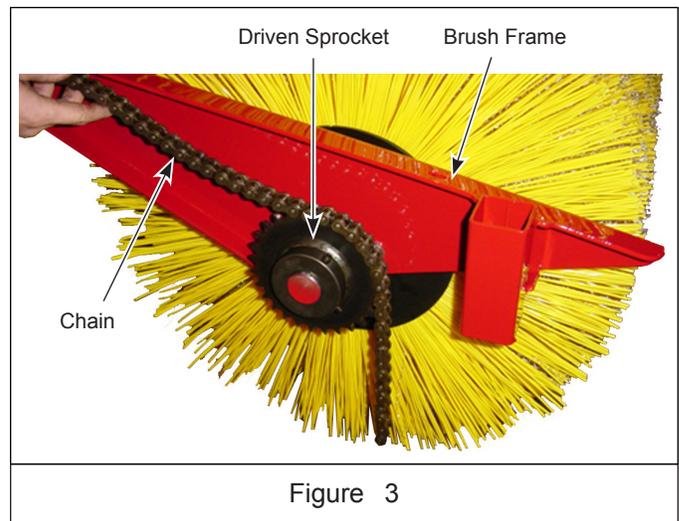


Figure 3

or

Loosen set screws in sprocket on core hub and pull sprocket off hub shaft with chain. See Figure 4.

5. Remove (2) 7/16"-14 lock nuts attaching each brush core support bearing to brush frame. Push the (2) 7/16-14 x 1-1/2" hex head capscrews inward on both bearings to detach core. See Figure 4.
6. Slide/roll brush and core assembly out the front of broom.

MAINTENANCE

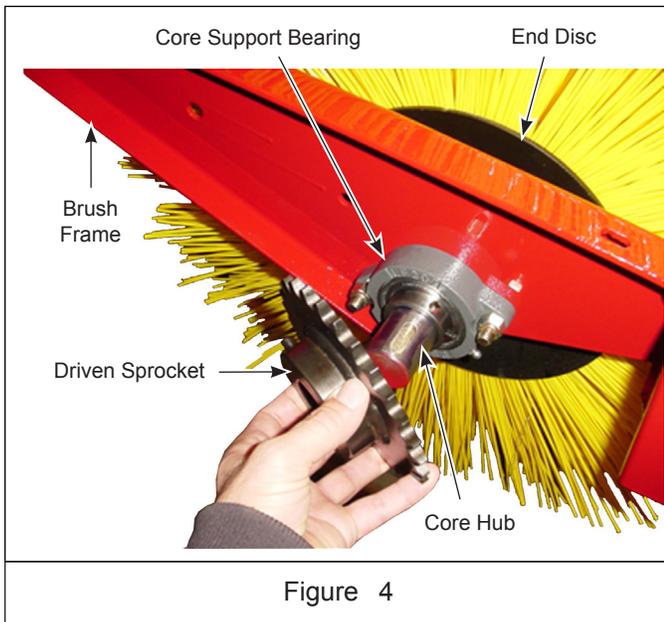


Figure 4

Brush Removal

If core hub sprocket was not removed in step 4 of **CORE REMOVAL**, work on the non-driven end to replace brush wafers.

NOTE: Support bearing does not need to be removed from hub.

1. Remove (3) 1/2-13 x 1" capscrews, lock washers and hub from end of core. Retain hub and mounting hardware. See Figure 5.
2. Remove (3) or (4) 5/16-18 x 3/4" capscrews, lock washers and end disc (wafer retainer plate) from end of core. Retain end disc and mounting hardware. See Figure 5.
3. Slide spent brush wafers and spacers off core and discard.

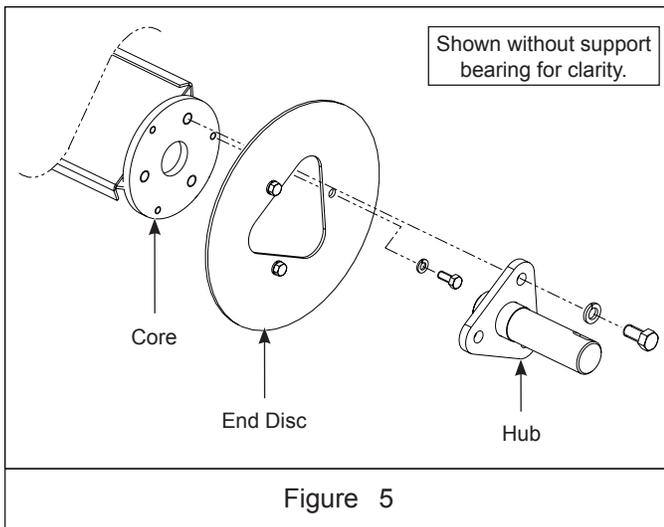


Figure 5

Brush Installation

IMPORTANT! Proper wafer and spacer position must be followed to ensure proper balance on the core.

1. Protect core sprocket support hub from dirt or damage before setting core on end.
2. Stand core in upright position on core support hub and begin filling by sliding a poly brush wafer and then a spacer down the full length of the core.
 - a. Note the location of drive pin on inside ring of each brush wafer. Position each wafer so its drive pin is positioned between the stop flanges. Rotate each subsequent wafer before installing so the position of its pin is staggered on the core by one stop flange. See Figure 6.

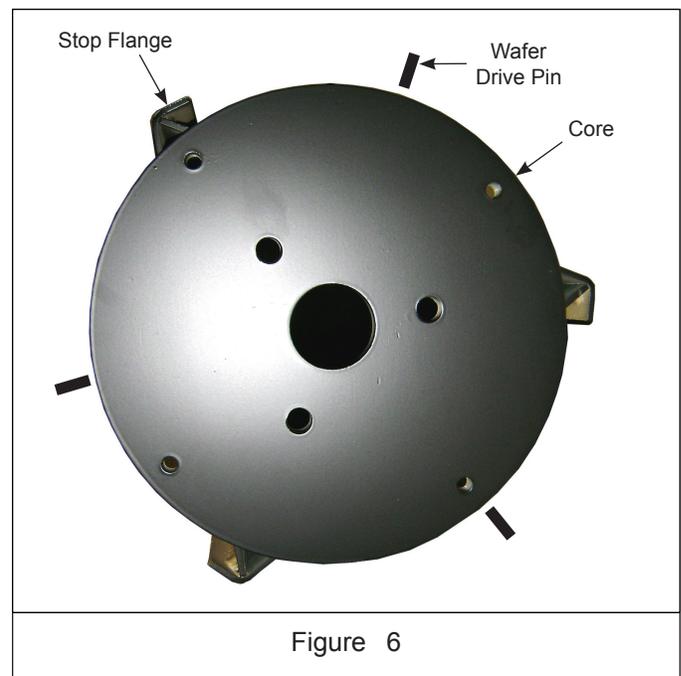


Figure 6

NOTE: The circular spacers have unconnected, overlapped ends.

- b. Position the overlap of the first spacer between the stop flanges, rotated one flange ahead of the drive pin location of the immediately preceding brush wafer. All subsequent spacers must follow the same staggered placement pattern.
3. Continue stacking the core in a wafer-spacer, wafer-spacer configuration until it is full, ending with a poly brush wafer.

NOTE: Always start and finish with a poly wafer. The last wafer should actually extend beyond the end of the core (Minimum 1/2") so the end disc compresses the spacers onto the core when tightened.

4. Install end disc on core with original hardware. See Figure 5.
5. Install hub on core with original hardware. See Figure 5.

MAINTENANCE

Core Installation

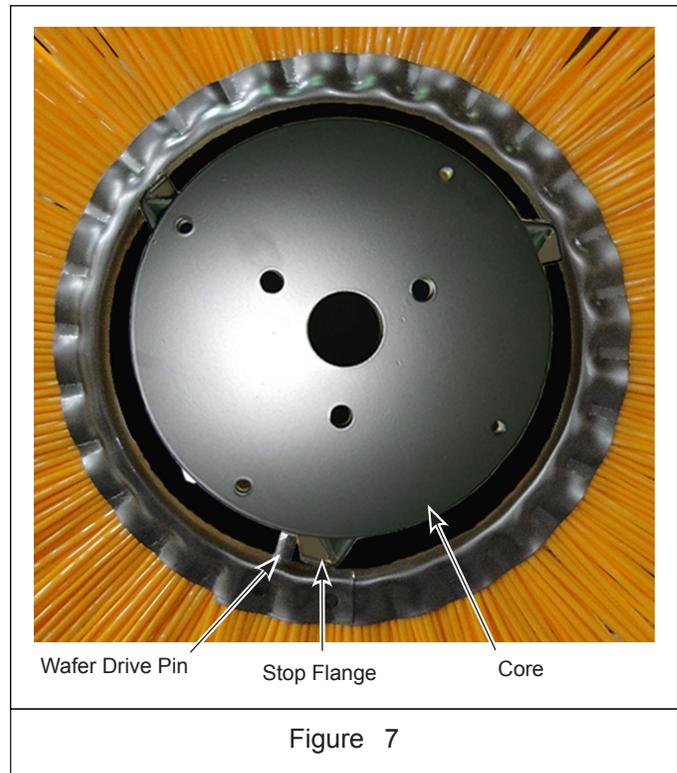
1. Position refilled core in front of the broom head. Lift the broom high enough so that core clears the hood and the brush can be rolled/pushed back into its original position.
2. Lower broom down until slots in sides of brush frame align with support bearings on core support bearings.
3. At each end of broom, install (2) 7/16-14 x 1-1/2" hex head capscrews from inside brush frame and out through support bearing. Install (2) 7/16"-14 lock nuts to secure each support bearing to brush frame. See Figure 4.

IMPORTANT! Tensioner must be on outside of chain.

4. Install chain over drive motor sprocket and driven core sprocket and connect with chain half-link and clip. See Figure 3.
or
Install chain over drive motor sprocket. Place driven sprocket in chain and install sprocket with chain on core hub shaft. Tighten set screws to secure sprocket on shaft. See Figure 4.
5. Rotate tensioner against chain to remove slack and then tighten 1/2-13 x 3-3/4" socket head capscrew to secure tensioner in position. See Figure 2.
6. Grease core support bearings and oil drive chain after installing core.
7. Install chain guard on brush frame and secure with (2) 3/8-16 x 1" hex head capscrews, lock washers and flat washers. See Figure 1.

NOTE: Brush surface contact during initial operation and pattern adjustment will set all wafer drive pins up against the core stop flanges. See Figure 7.

8. Before placing machine back into service, adjust and test for proper brush pattern. Excessive and/or misaligned pattern can cause brush failure or premature wear. Refer to the **SETUP AND ADJUSTMENTS** section of the manual for pattern adjustment.



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STORAGE

STORAGE

- Always store the broom in a supported position, on its included stands, with the brush off the ground. If the bristles are stored in a deformed position for extended periods of time the broom will become severely out of balance.
- Store the broom in a location out of the sun and weather to prevent premature failure of plastic bristles. Bristles can become brittle when subjected to sunlight or repeated temperature changes.
- Disconnect all electrical connections between the broom and prime mover (mower/loader/tractor) for extended storage to prevent battery drain.
- Properly clean the unit before storage and remove dirt, debris, salt, etc. to extend paint life.
- If the unit is power-washed, all lubrication points should be greased before storage.

TROUBLESHOOTING

Trouble	Possible Cause	Remedy
Broom does not rotate.	<ol style="list-style-type: none"> 1. Driveshaft not connected. 2. Key missing on gearbox input. 3. Key missing on gearbox output. 4. Key missing on sprocket(s). 5. Drive chain and/or sprockets damaged. 6. Core drive hub broken/damaged. 	<ol style="list-style-type: none"> 1. Check driveshaft. 2. Check rotation and replace key. 3. Check rotation and replace key. 4. Check rotation and replace key. 5. Remove guard and inspect drive chain and sprockets. 6. Remove guard and inspect hub.
Broom rotates in wrong direction.	<ol style="list-style-type: none"> 1. Incorrect gearbox installed. 	<ol style="list-style-type: none"> 1. Verify gearbox ratio and rotation.
Bristles wearing unevenly.	<ol style="list-style-type: none"> 1. Pattern adjustment not set. 2. Broom mounting not level. 	<ol style="list-style-type: none"> 1. Adjust with turnbuckle. 2. Adjust to level position.
Brushes wearing very quickly.	<ol style="list-style-type: none"> 1. Brush pattern too wide. 	<ol style="list-style-type: none"> 1. Adjust brush pattern to be 2-4" wide. Refer to the Setup and Adjustments section of this manual.
Broom bounces during sweeping.	<ol style="list-style-type: none"> 1. Travel speed too fast. 2. Broom unbalanced. 	<ol style="list-style-type: none"> 1. Adjust travel speed for swept surface type. 2. Broom stored improperly or worn out.
Broom sweeping poorly.	<ol style="list-style-type: none"> 1. Material is 'caked-on' or frozen. 2. Uneven sweeping surface. 3. Material is too heavy. 4. Broom rotating too slowly. 5. Prime mover moving too fast. 6. Pattern adjustment incorrectly set. 7. Torque limiter slipping. (applies to units manufactured after August 2016) 	<ol style="list-style-type: none"> 1. Slow down and 'scrub' surface. 2. Increase pattern to compensate. 3. Slow down prime mover speed. 4. Increase engine speed. 5. Slow down prime mover speed. 6. Adjust at turnbuckle. 7. For units with a torque limiter, clear blockage or lift broom. Check torque setting of nut on limiter. (Factory set at 160 ft lbs)
Broom does not angle.	<ol style="list-style-type: none"> 1. No/Low hydraulic pressure/flow. 2. Swing cylinders seals failed. 	<ol style="list-style-type: none"> 1. Check prime mover operation. Check hydraulic oil level. 2. Replace swing cylinder seals.
Broom producing excessive vibration.	<ol style="list-style-type: none"> 1. Driveshaft not phased correctly. 2. Broom stored incorrectly. 3. Bearings worn out or improperly greased. 4. Material caked on or debris wrapped in brush. 	<ol style="list-style-type: none"> 1. Inspect driveshaft phase. 2. Replace wafers. 3. Replace bearings as necessary. Grease bearings. Refer to Maintenance section of this manual. 4. Inspect brush for build-up; wash and remove debris.

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SPECIFICATIONS

Model:	MCT
Brush Diameter:	25"
Brush Length:	4' (48"), 5' (60")
Brush Drive:	Driveshaft from prime mover PTO connects to broom gearbox (7:1 CCW Input or 8.25:1 CW Input) that drives jackshaft, sprockets and chain.
Brush Speed:	200 RPM Maximum
Brush Angle:	Maximum 30° left/right of center
Brush Filament:	Poly (polypropylene), Wire (Steel) or Combo (Poly/Wire)
Lift Method:	Provided by prime mover.
Swing Method:	Manual
Casters:	360° rotation of 8" semi-pneumatic tires
Broom Hood:	Covers 140° of brush circumference
Mounting:	No Mounting by M-B (Provided by customer.)
	Custom Mount Design by M-B (Applies to mounts not previously designed by MB.)
Options:	Hydraulic Swing (Cylinder only - Must be connected to prime mover hydraulics.)
	Dirt Deflector (Hood)
	Storage Stands
	45 Gallon Sprinkler System for dust control. Application specific, requires evaluation. (Customer provides tank mounting location.)
	Sight/Guide Indicators

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SERVICE PARTS

Part Number	Description
907-63444	Refill Kit, 25" x 4', Wafer, Poly
907-92090	Refill Kit, 25" x 4', Wafer, Alternating Poly/Wire
907-92091	Refill Kit, 25" x 4', Wafer, Wire
907-90817	Refill Kit, 25" x 4', Wafer, Poly/Wire Combo
907-46674	Refill Kit, 25" x 5', Wafer, Poly
907-92092	Refill Kit, 25" x 5', Wafer, Alternating Poly/Wire
907-46676	Refill Kit, 25" x 5', Wafer, Wire
907-46675	Refill Kit, 25" x 5', Wafer, Poly/Wire Combo
600-90327	Bearing, Support, Core
410-160255	Hub, Core Support (Driven End)
410-143148	Hub, Core Support
402-93754	Disc, Wafer Retainer, Core
600-90327	Bearing, Support, Core Drive Jackshaft
501-147243-06	Slinger-Rubber, Input Shaft, 7:1 & 8.25:1 Gearbox
501-147243-04	Gasket, Output Shaft Cover, 7:1 & 8.25:1 Gearbox (Leeson)
501-147243-10	Gasket, Output Shaft Cover, 8.25:1 Gearbox (Cleveland)
209-151999	Vent-Breather, 7:1 & 8.25:1 Gearbox (Leeson)
209-169979	Vent-Breather, 8.25:1 Gearbox (Cleveland)
501-147245-02	End Cap/Plug, 7:1 Gearbox
501-147243-03	End Cap/Plug, 8.25:1 Gearbox
501-147245-01	Seal, Input Shaft, 7:1 & 8.25:1 Gearbox
501-147245-03	Seal, Output Shaft, 7:1 Gearbox
501-147243-02	Seal, Output Shaft, 8.25:1 Gearbox
203-140701	Cylinder, Swing
203-169503	Seal Kit, Swing Cylinder
410-143409	Pin, Swing

Part Number	Description
901-169241	Service Kit, Caster Wheel (Includes wheel mounting hardware)
603-160294	Bearing, Flange, Caster Mounting
410-160218	Storage Stand
380-108428	Clevis Pin, Storage Stand
380-84739	Hair Clip, Clevis Pin
109-131128	Paint, Spray, MB Yellow
249-92003	Paint, Spray, Black
249-92005	Primer, Spray

Please have your serial number (S/N) ready when contacting M-B Co. or an Authorized Dealer for replacement parts or service information.

M-B Co.
1615 Wisconsin Ave.
P.O. Box 200
New Holstein, WI 53061-0200

website: www.m-bco.com
email: sales@m-bco.com
Phone: 800-558-5800 or 920-898-4203
FAX:

Main 920-898-4588
Attachments 920-898-1085
Brush Dept. 920-898-1082

MCT Decals

CAUTION

Read Operator's Manual before using broom. If operating instructions are missing, contact the M-B Co. for your free replacement.

- Before operating broom make sure all guards and broom are installed properly.
- Wear eye protection when operating broom.
- Do not operate broom near any objects that can be damaged by thrown debris. Be sure no by-standers are near broom during operation.
- The polypropylene brush segments can melt or burn. Do not subject to excessive heat or flame.
- Do not allow riders on broom.
- Stop power source, lower broom to the ground, set parking brake, and remove ignition key before servicing or adjusting.
- Do not operate broom on any roof or other elevated surface.

390-11831

4

WARNING

FLYING OBJECTS HAZARD
Keep Clear

ENTANGLEMENT HAZARD
Keep Clear

390-169222

8

"RECOMMENDED BRUSH PATTERN"

PATTERN WIDTH 2-4 INCHES MAX.

NOTE:
FAILURE TO FOLLOW ABOVE RECOMMENDATION CAN CAUSE PREMATURE BRUSH WEAR AND IRREVERSIBLE BRUSH DAMAGE. CONSULT OPERATORS MANUAL FOR ADJUSTMENT PROCEDURE.

5

FOR BEST PERFORMANCE OF THIS POWER BROOM, USE **M-B TOUGH BRUSH** REFILLS ONLY.

390-11831

6

GREASE

390-118356

7

GREASE

390-118356

7

DANGER

To prevent serious injury or death from pinching:

- Keep all persons and objects clear while any part of this machine is in motion.

390-11835

2

WARNING

MOVING PART HAZARD

To prevent serious injury or death from moving parts:

- Close and secure guards and shields before starting.
- Keep hands, feet, hair and clothing away from moving parts.
- Disconnect and lockout power source before adjusting or servicing.
- Do not stand or climb on machine when operating.

390-11832

3

WARNING

390-140940

10

WARNING

GUARD MISSING

390-140941

11

MCT Decals

1

⚠ DANGER

To prevent serious injury or death:

- Do not allow any riders

390-11834

2

⚠ DANGER



To prevent serious injury or death from pinching:

- Keep all persons and objects clear while any part of this machine is in motion.

390-11833

9

⚠ WARNING



HIGH PRESSURE FLUID HAZARD

Use cardboard or wood (not your hand) to search for leaks. Keep away from hydraulic system until pressure is relieved. If high pressure fluid penetrates the skin, see a doctor immediately.

390-169221

3

⚠ WARNING

MOVING PART HAZARD

To prevent serious injury or death from moving parts:

- Close and secure guards and shields before starting.
- Keep hands, feet, hair and clothing away from moving parts.
- Disconnect and lockout power source before adjusting or servicing.
- Do not stand or climb on machine when operating.

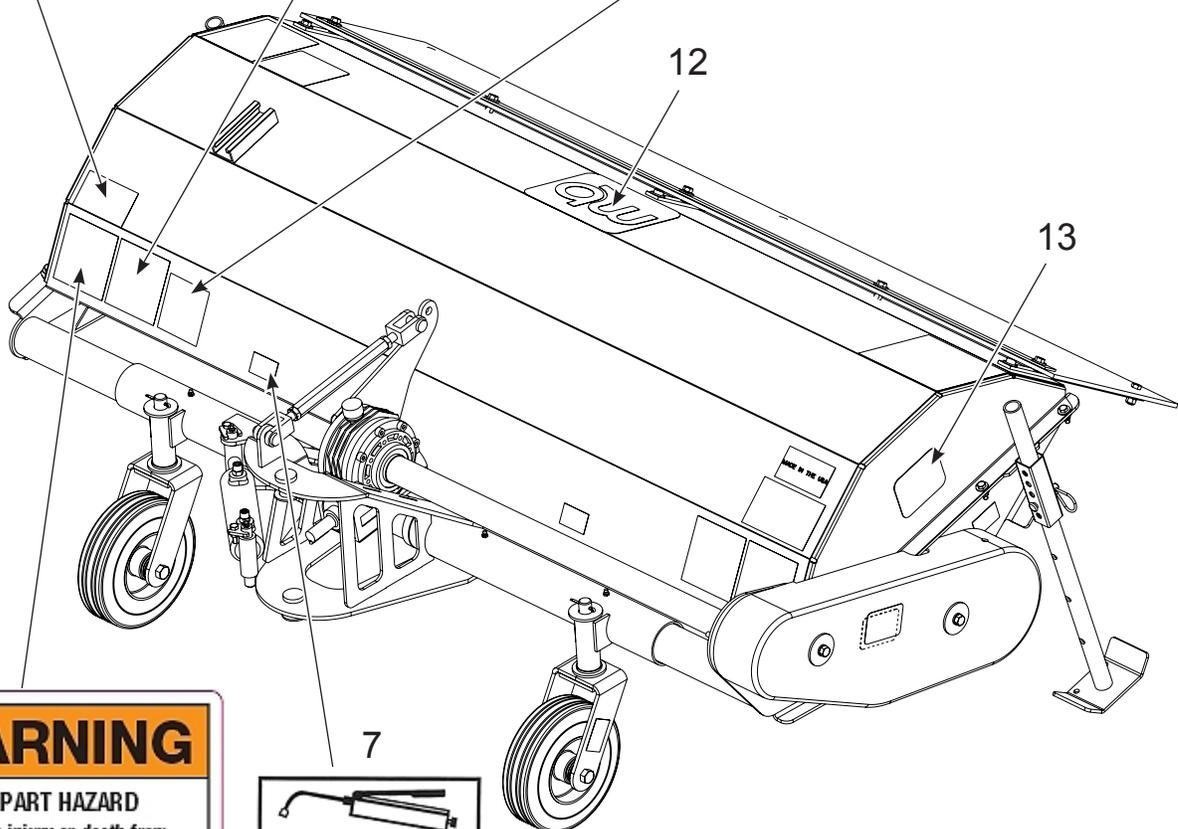
390-11832

7



GREASE

390-11835



MCT Decals

Item	Description	Part Number	
	Decal Sheet	390-117958	(Includes items 1 - 7)
1	• Decal, DANGER, No Riders	390-118349	
2	• Decal, DANGER, Pinch Point	390-118353	
3	• Decal, WARNING, Moving Part/Guards	390-118352	
4	• Decal, CAUTION, Read Operator's Manual	390-118351	(M-B Co.)
	• Decal, CAUTION, Read Operator's Manual	390-151987	(Non-M-B Co.)
5	• Decal, Brush Pattern	390-118354	
6	• Decal, M-B Brush Refills	390-118355	
7	• Decal, Grease	390-118356	
8	Decal, WARNING, Flying Debris	390-169222	
9	Decal, WARNING, High Pressure Fluid	390-169221	
10	Decal, WARNING, Pinch Point	390-140940	
11	Decal, WARNING, Guard Missing	390-140941	(Located behind guard)
12	Decal, MB Logo, Black, Medium	390-117897	
13	Decal, MB Logo, Black, Small	390-117896	

M-B Broom Replacement Brush Guide

(for current pricing refer to the online Parts Guide at www.m-bco.com/attachments)

Model Brush Dimensions	Brush Type	2'	3'	4'	5'	6'	7'	8'	9'	10'	11'	12'
SHL/SHT 25" x 6/38"	Poly		907-63444	907-46674	907-46671	907-63472						
	Poly/Wire Combo		907-90817	907-46675	907-64664	907-63474						
HL/HT 32" x 10"	Poly			907-46656	907-46659	907-46662	907-46666	907-46665				
	Poly/Wire Combo			907-46657	907-46660	907-46663	907-46666	907-46666				
HLP/HTP 32" x 10"	Poly				907-46659	907-46662	907-46665	907-46665				
	Poly/Wire Combo				907-46660	907-46663	907-46666	907-46666				
TKH 32" x 10"	Poly					907-46662	907-46663	907-46665	907-76909	907-83629	907-126978	907-137234
	Poly/Wire Combo						907-46663	907-46666	907-76910	907-83630	907-137233	907-126982
FLB 25" x 6/38"	Poly			907-46674	907-46671	907-63472						
	Poly/Wire Combo			907-46675	907-64664	907-63474						
LB 25" x 6/38"	Poly		907-63444	907-46674	907-46671	907-63472						
	Poly/Wire Combo		907-90817	907-46675	907-64664	907-63474						
LLB 32" x 10"	Poly				907-46659	907-46662	907-46665	907-46665				
	Poly/Wire Combo				907-46660	907-46663	907-46666	907-46666				
RHT 32" x 10"	Poly				907-46659	907-46662	907-46665	907-46665				
	Poly/Wire Combo				907-46660	907-46663	907-46666	907-46666				
ARMT 32" x 10"	Poly				907-46656	907-46659	907-46662	907-46665	907-76909			
	Poly/Wire Combo				907-46657	907-46660	907-46663	907-46666	907-76910			
HCT 25" x 6/38"	Poly				907-46674	907-46671						
	Poly/Wire Combo				907-46675	907-64664						
MCT 25" x 6/38"	Poly		907-63444	907-46674								
	Poly/Wire Combo		907-90817	907-46675								
CL-HT 32" x 10"	Poly		907-137238	907-168164								
	Poly/Wire Combo		907-132726	907-137227								
MCD-WB 25" x 10"	Poly		907-132376	907-140136								
	Poly/Wire Combo		907-132894	907-140137								
MCD-WBR	Poly	907-160385										
	Poly/Wire Combo	N/A										
53H, 53MH 32" x 10"	Poly						907-46662	907-46665	907-76909			
	Poly/Wire Combo						907-46663	907-46666	907-76910			

LIMITED WARRANTY

Limited Warranty: Subject to the limitations set forth herein, M-B Companies, Inc. (“M-B”) warrants its products to be free from defects in material and workmanship for a period of twelve (12) months from the date of delivery of the product to its original owner, except that the warranty is twelve (12) months solely for the following products: Truck Mounted Pavement Marking Equipment, Airport Snow Removal Products, Attachment Products, Brushes, MSV Multi-Service Vehicles. Parts shall have a ninety (90) day warranty. This warranty is not transferable without the written consent of M-B.

Notice: M-B’s obligations under this Limited Warranty are conditioned on M-B receiving, within the warranty period, written notice from Buyer specifying the nature of any alleged defect and requesting corrective action by Seller.

Remedies: M-B, at its option, will repair or replace, or provide a credit to Buyer for, defective warranted items. If requested by M-B, products or parts for which a warranty claim is made shall be returned, transportation prepaid, to M-B’s factory. Buyer shall not return any product for repair, replacement or credit without M-B’s advance written consent.

Other Manufacturer’s Warranty: On products furnished by M-B, but manufactured by any other manufacturer, the warranty of said manufacturer, if any, will be assigned to Buyer, if the said warranty is assignable. However, M-B does not represent or guarantee that such manufacturer will comply with any of the terms of the warranty of such manufacturer.

Exclusions: Any improper use, operation beyond capacity, or substitution of parts not approved by M-B, or alteration or repair by others in such a manner as in M-B’s judgment materially and/or adversely affects the product shall void this warranty. This warranty does not apply to defects caused by damage or unreasonable use while in the possession of the owner, including but not limited to: failure to provide reasonable and necessary maintenance, normal wear, routine tune ups or adjustments, improper handling or accidents, operation at speed or load conditions contrary to published specifications, improper or insufficient lubrication, or improper storage.

Seller manufactures power brooms that mount to many makes and models of equipment. Seller attempts to ensure that the mounting frames fit correctly. However, the large number of tractor models, types and options currently available, compounded by frequent manufacturer design changes, may prevent Seller from supplying a frame that fits every unit correctly. Therefore, unless Buyer supplies drawing which detail the attachment points on the specific unit to which the broom will be mounted, Seller will not be responsible for the fit of the mounting frame.

The batteries, tires, rubber material, brushes and material normally consumed in operation, and major components such as engines, air compressors, and hydraulic pumps and motors are excluded from this warranty but may be covered to the extent of any warranty received by M-B from its supplier if permitted by the terms of such warranty.

Limitations of liability: M-B shall not be liable for any incidental, consequential, punitive or special damages of any kind, including, but not limited to, consequential labor costs or transportation charges in connection with the repair or replacement of defective parts, or lost time profits or expense which may have accrued because of said defect.

M-B disclaims all other warranties, whether express or implied, including but not limited to any implied warranty of merchantability or fitness for a particular purpose. This warranty is exclusive remedy of buyer. This warranty cannot be extended, broadened or changed in any respect except in writing by an authorized officer of M-B.

Notwithstanding anything in this warranty is to the contrary, in no event shall M-B’s total liability hereunder exceed the purchased price of the particular product.

AIRPORT SNOW REMOVAL EQUIPMENT
1200 Park Street
Chilton, WI 53014
800-558-5800

PAVEMENT MARKING EQUIPMENT-PA
79 Montgomery Street
Montgomery, PA 17752
888-323-2900

PAVEMENT MARKING EQUIPMENT-OR
2490 Ewald Avenue SE
Salem, OR 97302
800-253-2909

ATTACHMENTS DIVISION
1615 Wisconsin Avenue
New Holstein, WI 53061
800-558-5800



WWW.M-B.CO.COM

M-B Companies, Inc.
1615 Wisconsin Ave.
P. O. Box 200
New Holstein, WI 53061-0200
(920) 898-1560 or 800-558-5800
FAX: (920) 898-4588

