

RT Spreader 1-Ton

Service and Parts Manual



Monroe Snow & Ice Control

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SAFETY INSTRUCTIONS

- Read all installation, safety and maintenance instructions completely before operating this equipment
- Keep all personnel clear of moving parts while equipment is being operated.
- · Do not operate equipment in need of maintenance! Repair immediately!
- While operating this equipment, use common sense, use caution, be alert and be safety-conscious.

GENERAL INFORMATION

- Location descriptions are noted in direction of travel. (i.e. front, rear, left and right.)
- Delivery of replacement parts is subject to our sales delivery terms.
- Use only Monroe Truck Equipment O.E.M. replacement parts. Failure to do so will void warranty.
- Replacement parts listed in this manual reflect our most common items. If you do not find the part you require, please call your distributor.
- Monroe Truck Equipment reserves the right to make revisions or alterations to this parts manual without notice.

MAINTENANCE INSTRUCTIONS

In Season:

- Check for loose bolts and nuts daily, and re-torque before use. (Failure to inspect equipment on a daily basis may seriously affect safety and/or efficiency.)
- Lubricate all grease fittings every ten hours of normal use and more frequently under heavy use.
- A cross over relief valve (1800 PSI) MUST be plumbed into the reversing circuit.
- · Check all hydraulic fittings for tightness on a regular basis.
- System pressure should NOT exceed 2000 PSI.
- Check cutting edge for wear. Do not let cutting edge wear closer than $\frac{1}{2}$ " to $\frac{1}{2}$ " from the bottom angle of the moldboard.
- Due to the nature of use and environment this plow is operating in, damage and wear may occur at any time. Therefore, Monroe Truck Equipment recommends the end user establish and follow a daily inspection routine before using this plow.

Off Season:

- Use care when disconnecting hydraulic lines to assure that no dirt or foreign objects enter the hydraulic system. Use caps to cover hydraulic hose fittings and insert plugs in hydraulic ports.
- Hydraulic cylinders should be fully retracted when stored during the off season to prevent damage or corrosion. The remaining exposed shaft surface should be coated with a thick grease to prevent corrosion, which must be removed before returning to regular service.
- Check mounting bolts for wear and/or damaged threads and replace before next season.

TORQUE CHART

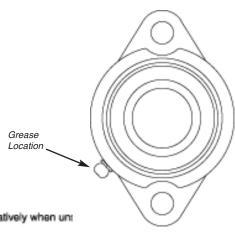
| SIZE | GRADE 2 | GRADE 5 | GRADE 8 |
|---------|------------|------------|-------------|
| 1/4-20 | 50 IN-LBS | 75 IN-LBS | 9 FT-LBS |
| 3/8–16 | 15 FT-LBS | 23 FT-LBS | 35 FT-LBS |
| 1/2-13 | 35 FT-LBS | 55 FT-LBS | 80 FT-LBS |
| 5/8-11 | 75 FT-LBS | 110 FT-LBS | 170 FT-LBS |
| 3/4-10 | 130 FT-LBS | 200 FT-LBS | 280 FT-LBS |
| 1-8 | 190 FT-LBS | 480 FT-LBS | 680 FT-LBS |
| 1 1/4-7 | 380 FT-LBS | 840 FT-LBS | 1360 FT-LBS |

BEARING LUBRICATION CHART

LUBRICATION

All bearing units are factory prelubricated and, therefore, do not require supplemental grease before service life begins. Relubrication, when administered correctly, can increase the life of a bearing substantially. We recommend the following general guidelines to maximize your bearing life:

| RPM | Temperature | Environmental Condition | Interval |
|-------|-------------|----------------------------|-------------------|
| 100 | 32'F-120'F | Clean | 6-12 months |
| 500 | 32'F-150'F | Clean | 2-6 months |
| 1,000 | 32'F-210'F | Clean | 2 wks to 2 months |
| 1,500 | Over 210°F | Clean | Daily to weekly |
| Any | 32°F-150°F | Dirty | Weekly to monthly |
| Any | Over 150°F | Dirty | Daily to 2 wks |
| Any | Any Temp. | Very Dirty | Daily to weekly |
| Any | Any Temp. | Extremely Dirty | Daily to weekly |



NOTE:

Over lubrication is a major cause of bearing failures. Please relubricate conservatively when una bearing requirements.

When selecting a bearing lubricant, your dealer suggest any lithium-based NLGI #2 grease. For operating temperatures higher than 210°F, please consult your dealer.

MTE RTS INSTALLATION INSTRUCTIONS

- 1. Make sure all components for the replacement tailgate spreader have been received.
- Support the existing tailgate and remove from the dump body by unlatching the tailgate latch system, unhooking the limit chains and removing the top hinge pins. The hinge pins will be used to install the replacement tailgate spreader. (Store the tailgate for summer use).
- 3. Remove two bottom tube end caps, two bottom tailgate latch pins and two trough weldment dog legs by grinding the tack welds. Set these parts aside for positioning later.
- 4. Position two, ¼" x 2" x 2" x 10" long angles, (not provided) on the floor of the dump body. Locate one of these angles approximately 10" in from each side of the dump body and allow them to overhang approximately 2" past the rear of the dump body floor. Tack weld in position. (These angles will be used as guides to make sure the replacement tailgate spreader is square to the dump body. They will be removed after installation is complete).
- 5. Using a hoist with the proper lifting capacity, position the replacement tailgate spreader at the rear of the dump body and raise it so the top of the bottom tube of the boxed perimeter contacts both angles installed in step 4. (Make sure the entire boxed perimeter of the replacement tailgate spreader is tight against the rear of the dump body.).
- Repeat step 1-5 for the other dog leg.
- 7. Insert one of the tailgate latch pins removed in step 3 into the left side of the bottom tube of the boxed perimeter of the replacement tailgate spreader. Position the pin so it engages completely into the receiver of the dump body tailgate latch system. Tack weld in position.
- 8. Repeat step 8 for the right tailgate latch pin.
- 9. Remove the two angles installed in step 4.
- 10. Using the hoist, pivot the replacement tailgate spreader at the hinge point to make sure the replacement tailgate spreader can pivot freely and that it will engage and disengage the dump body tailgate latch system completely.
- 11. Weld both tailgate latch pins to the tubes 100%. Drill a minimum of three 3/8" ID holes through the bottom tube on each end along the shaft of the pins at . Plug weld the tailgate latch pins to the tube through these holes. (This is to prevent the pins from moving inside the tube.). Weld both bushings into the hinge arm 100%.
- 12. Install both bottom tube end caps removed in step 3 over the pins installed in steps 8 & 9 and flush with the ends of the bottom tube. (The end caps may need to be trimmed to fit around the pins.). Weld the end caps in place. The end caps must be continuously welded to the pins and tube to prevent moisture from entering the bottom tube.
- 13. Remove the hoist supporting the replacement tailgate spreader. Recheck the fit of the replacement tailgate spreader by raising the dump body to make sure the replacement tailgate spreader will disengage from the dump body tailgate latch system and can pivot freely. Lower the dump body to be sure the bottom pins of the replacement tailgate spreader totally engage into both dump body tailgate latch saddles and that both latches close and lock completely.
- 14. Install the spinner as described in the spinner section of the installation instructions.
- 15. Install the hydraulic hoses and/or couplers between the truck hydraulic system and the replacement tailgate spreader hydraulic motors as described in the hydraulics section of the installation instructions. (Note: Hydraulic hoses need to be routed up and around the tailgate hinge so the replacement tailgate spreader can open and close properly. Secure hoses to prevent chaffing and/or damage).

STANDARD SPINNER INSTALLATION INSTRUCTIONS

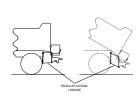
SPINNER ASSEMBLY: The spinner is to be mounted on the spreader through by the discharge opening(s).

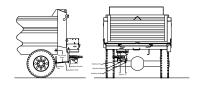
- 1. Bolt the spinner frame to the adjustment angle.
- 2. Mount the spinner to the trough by inserting the pins on the adjustment angle into the mounting brackets on the trough by the discharge.
- 3. Secure with the lynch pin.

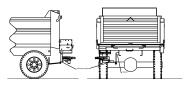
STABILIZER BAR: (For Non-Self Leveling Spinners Only)

The objective of the stabilizer bar is to create a parallelogram linkage between the dump body hinge pin, stabilizer bar and spinner. This ensures that the spinner disc will stay parallel to the road surface at any dump body angle. (Reference Figure 1)

Figure 1







1. (Reference Figure 2) Position the stabilizer bar on chassis so that the hole is 18" directly below the dump body hinge pin and as close to being in line with the spinner as practical (within approximately 8"). Weld the stabilizer bar in place.

NOTE: (Reference Figure 3)A spacer block (not furnished) can be installed between the chassis frame rail and the stabilizer bar if required to locate the stabilizer bar closer to the spinner for alignment of stabilizer rods.

2. (Reference Figure 2) With the spinner mounted, position the stabilizer bracket on the bottom front of the spinner a-frame. Locate the stabilizer bracket so that the hole is in line with the stabilizer bracket in place.

NOTE: (Reference Figure 3) A mounting angle (not furnished) positioned on the bottom front of the spinner a-frame may be required to extend the stabilizer bracket for proper alignment of the stabilizer bracket hole and the stabilizer bar.

3. (Reference Figure 2) Install one each of the stabilizer rods in the stabilizer bar and the stabilizer bracket. Hold the spinner disc level and weld the rods together. Insert the hair pins through the stabilizer rods.

STANDARD SPINNER INSTALLATION INSTRUCTIONS

Figure 2

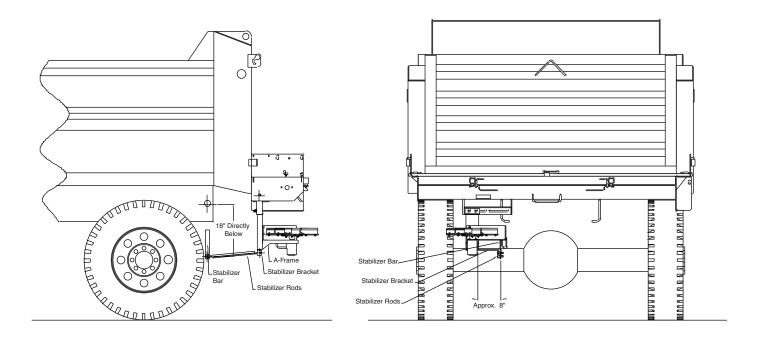
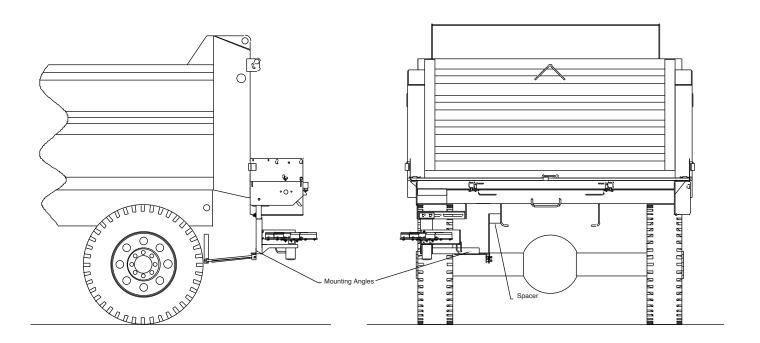


Figure 3



CENTERLINE CHUTE INSTALLATION INSTRUCTIONS

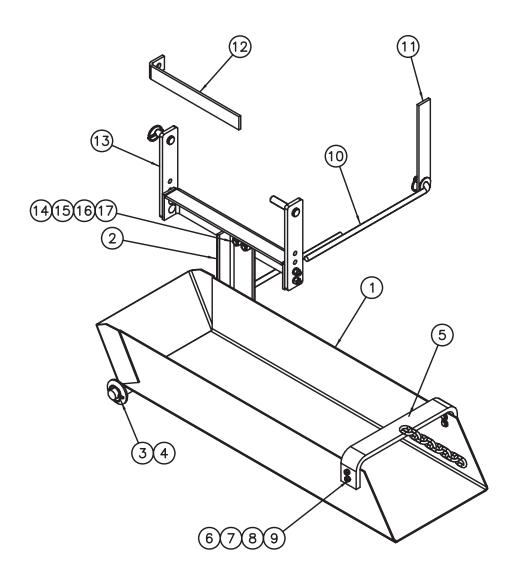
CL CHUTE ASSEMBLY: The centerline chute is to be mounted on the spreader trough by the discharge opening(s).

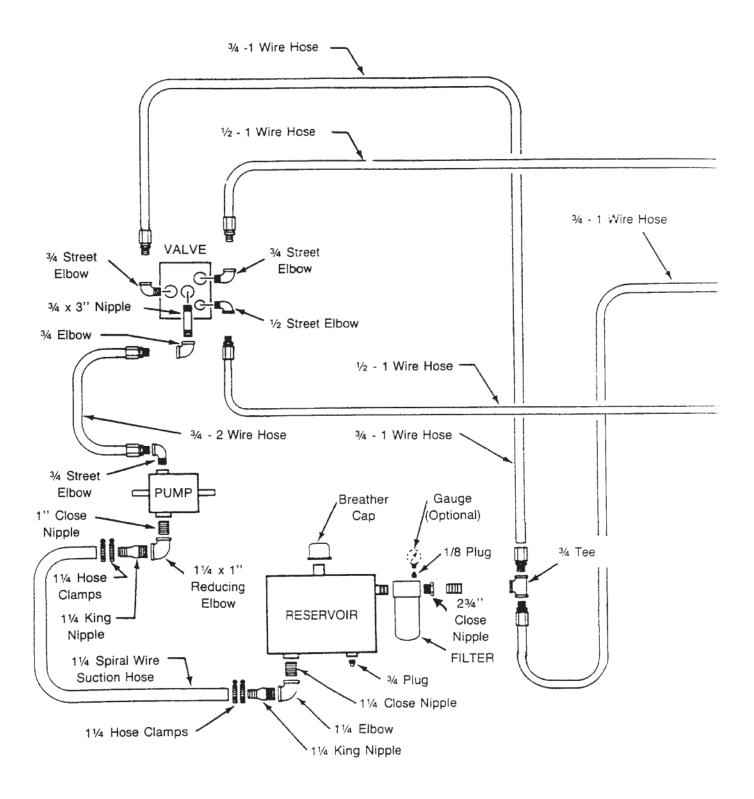
- 1. Remove the hanger assembly from the spinner.
- 2. Bolt the chute bracket to the hanger assembly.
- 3. Mount the CL chute to the trough by inserting the pins on the hanger assembly into the mounting brackets on the trough by the discharge. Secure with the lynch pins.
- 4. Drill holes in the chute at the desired location for the cross bar. Bolt cross bar to the chute. (Chute may be trimmed to desired length.)
- 5. Bolt the chain to the lift slot on the spreader end plate.

STABILIZER BAR: (For Non-Self Leveling Chutes Only)

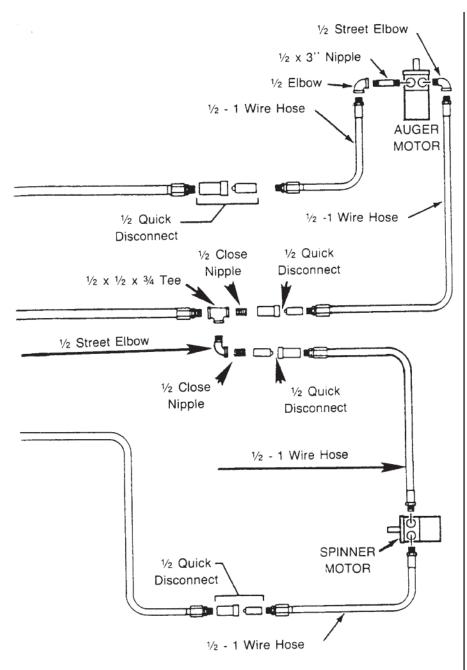
See spinner installation instructions. (Reference p 6-7)

CENTERLINE CHUTE INSTALLATION INSTRUCTIONS





- This diagram is Monroe Truck Equipment Company's complete recommended hydraulic system.
- Standard pump, valve, tank and hose kits make up the complete system.
- This diagram may be used to install an entire system, or part of a system, depending upon kits supplied, and existing components on truck.
- · Alternate proven methods and components are acceptable to suit various truck model requirements.



NPT (Pipe Thread) JIC (Flared) Requires pipe thread sealant Self Sealing

INSTALLATION NOTES

- Hydraulic components should be kept as clean as possible during assembly operations.
- Galvanized pipe and pipe fittings must not be used because flaking of galvanizing material can cause damage to major hydraulic components.
- A pipe joint sealant compatible with hydraulic oil must be applied to all NPT fittings. (Teflon tape is not recommended.)
- 4. Sufficient hose should be allowed for raising dump body without kinking or stretching hose.
- 5. Hose should be protected where severe wear may be caused by vibration or sliding movement.
- Long runs of hose should be supported by tie wiring or clamping.
- 7. Pressure and return hoses, connected to spinner or auger motors, may be reversed for proper motor rotation.
- 8. Three hose lines to rear of truck may be installed inside truck frame, under dump body floor, and secured in place.
- Use hose manufacturer's recommendations for fitting reusable hose ends.
- To eliminate hose twisting, allow hose end clamp to remain loose until hose end fitting is screwed tightly in place.

HYDRAULIC PLUMBING DIAGRAM for SPREADERS

HYDRAULIC TROUBLE SHOOTING CHART

CONDITION 1

Pump cavitation recognized by excessive noise.

CAUSE

- a. Air entering system through suction lines.
- b. Suction line kinked, twisted or too long.
- c. Inadequate size suction line.
- d. Oil too heavy.
- e. Excessive pump speed. Normal pump speed 1200 to 1500 RPM

CORRECTION

- a. Check line from reservoir for possible leaks.
- b. Install suction line as short and straight as possible.
- c. Increase suction line size.
- d. Drain and replace with a low viscosity non-detergent oil.
- e. Pump capacity is 16 GPM at 1000 RPM. Decrease P.T.O. speed accordingly.

CONDITION 2

Slow operation of auger and/or spinner.

CAUSE

- a. Worn or defective pump.
- b. Worn or defective motor.
- c. Pump cavitation.
- d. Insufficient pump speed.

CORRECTION

- a. Repair or replace pump.
- b. Repair or replace motor.
- c. Refer to pump section.
- d. Pump capacity is 16 GPM at 1000 RPM. Increase P.T.O. accordingly.

CONDITION 3

Erratic operation of auger and/or spinner.

CAUSE

- a. Low oil.
- b. Worn or defective motor.
- c. Dirty, worn or defective flow control valve.
- d. Plugged filter.
- e. Relief valve setting too low.
- f. Pump cavitation.
- g. Air vent on reservoir tank is blocked.

CORRECTION

- a. Fill reservoir to a ¾ full level.
- b. Repair or replace motor.
- c. Clean, repair or replace flow control.
- d. Replace filter element and clean filter.
- e. Adjust relief valve for 1500 PSI.
- f. Refer to pump section.
- g. Clean or replace vent cap to admit atmospheric pressure to inside of the tank.

CONDITION 4

Auger and/or spinner will not operate.

CAUSE

- Quick disconnects are dirty, damaged, or improperly connected.
- b. Hose connections wrong.
- c. Foreign material in valve compensator.

CORRECTION

- a. Clean or replace and properly connect.
- b. Refer to illustration.
- c. Remove compensator and clean.

OPERATING INSTRUCTIONS



WARNING



THE OIL LEVEL MUST BE CHECKED BEFORE PLACING THE UNIT INTO OPERATION!
OIL LEVEL SHOULD BE CHECKED PERIODICALLY THEREAFTER.



CAUTION: Make certain everyone is clear of machine before starting engine or operation.

INITIAL TEST RUN:

- 1. The unit should be run without material to check operation.
- 2. Fill tank to within about 2" of the top.
- 3. Put the "On-Off" lever on the control valve to the "Off" position.
- 4. Start the engine, engage the P.T.O. or turn on the hydraulic system and allow the oil to circulate through the system.
- Move the lever to the "On" position. If the engine lugs down, shut the valve "Off" IMMEDIATELY. This indicates the system is not properly plumbed, which must be corrected.
- 6. Check the spinner and auger to make sure they are turning in the right direction.
- 7. Check the system for leaks. Tighten hydraulic fittings as required.
- 8. Refill reservoir.

NORMAL OPERATION:

- 1. Place the cover plate in its upright position and latch.
- 2. Open the dump body tailgate latch and adjust stop chains so that the tailgate stops just short of the spreader cover plate.
- 3. Adjust the spinner if necessary.
- 4. Engage P.T.O. Turn on the hydraulic system.
- 5. Raise the dump body until material slides back and charges the spreader with granular material.
- Set the control valve knobs to desired settings.
- 7. Engage the spreader by moving the control valve lever to the "On" position.

| Item | SPREADER, REPLACEMENT TAILGATE, RT CENTER DISCHARGE AND REVERSE FLIGHT Item Qty Part Number Description | | | | | |
|------|---|--|--|--|--|--|
| 1 | Giy 1 | See Page 15 | ROUGH WELDMENT | | | |
| 2 | 1 | See Page 16 | AUGER WLDMENT | | | |
| 3 | 1 | See Page 17 | AGITATOR WELDMENT | | | |
| 4 | 1 | 00042273-A 00042273-B 00042273-C 00136690-A 00136690-B 00136690-C | ANTI-FLOW PLATE WELDMENT, MS ANTI-FLOW PLATE WELDMENT, 304 SST ANTI-FLOW PLATE WELDMENT, AUSST ANTI-FLOW PLATE WELDMENT, RT-6, MS ANTI-FLOW PLATE WELDMENT, RT-6, 304 SST ANTI-FLOW PLATE WELDMENT, RT-6, AUSST | | | |
| 5 | 1 | 05022035 | PIN, #11, HAIR ZINC | | | |
| 6 | 2 | 00021724-A 00021724-B | BEARING KIT, 1.25, 2-BOLT, MS BEARING KIT, 1.25, 2-BOLT, 304 SST See Page 19 | | | |
| 7 | 1 | See Pages 20-22 | DRIVE KIT | | | |
| 8 | 1 | 00057875-A 00057875-B | MOUNTING KIT, RT/RTS, MS MOUNTING KIT, RT/RTS, 304 SST See Page 24-25 | | | |
| 9 | 1 | 00058135 | DECAL KIT, TGT SPREADER, CHAIN See Page 23 | | | |
| 10 | 1 | 05050095 | TAG, SERIAL NUMBER, 1.25" X 3.5" SS | | | |

| | RT SPREADER TROUGH WELDMENTS | | | | | |
|----------|------------------------------|-----|--|---|--|--|
| Auger | Discharge | Qty | Part Number | Description | | |
| 6" AUGER | CENTER DISCHARGE | 1 | 00057874-A 00057874-A 00042270-A 00042270-B 00096786-A 00096786-C 00097638-A 00097638-B 00097638-C 00019629-A 00019629-B 00095373-A 00095373-B | TROUGH WELDMENT, MS696-CD, MS TROUGH WELDMENT, MS696-CD, 304 SST TROUGH WELDMENT, MS796-CD, MS TROUGH WELDMENT, MS796-CD-304 SST TROUGH WELDMENT, MS8923-6-CD, MS TROUGH WELDMENT, MS8923-6-CD, 304 SST TROUGH WELDMENT, MS8923-6-CD, AUSST TROUGH WELDMENT, MS8923-6-CD-SL, MS TROUGH WELDMENT, MS8923-6-CD-SL, 304 SST TROUGH WELDMENT, MS8923-6-CD-SL, AUSST TROUGH WELDMENT, MS8923-6-CD-SL, AUSST TROUGH WELDMENT, RT2230-6-CD, MS TROUGH WELDMENT, RT2230-6-CD, 304 SST TROUGH WELDMENT, RT3142-6-CD, MS TROUGH WELDMENT, RT3142-6-CD, MS TROUGH WELDMENT, RT3142-6-CD, 304 SST | | |
| | REVERSE FLIGHT | 1 | 00086535-A 00086535-B 00096784-A 00096784-B 00096784-C 00097639-A 00097639-C 00019625-A 00019625-B 00095372-A 00095372-B | TROUGH WELDMENT, MS796-RF, MS TROUGH WELDMENT, MS8923-6-RF, 304 SST TROUGH WELDMENT, MS8923-6-RF, MS TROUGH WELDMENT, MS8923-6-RF, 304 SST TROUGH WELDMENT, MS8923-6-RF, AUSST TROUGH WELDMENT, MS8923-6-RF-SL, MS TROUGH WELDMENT, MS8923-6-RF-SL, 304 SST TROUGH WELDMENT, MS8923-6-RF-SL, AUSST TROUGH WELDMENT, RT2230-6-RF, MS TROUGH WELDMENT, RT2230-6-RF, 304 SST TROUGH WELDMENT, RT3142-6-RF, MS TROUGH WELDMENT, RT3142-6-RF, MS TROUGH WELDMENT, RT3142-6-RF, MS TROUGH WELDMENT, RT3142-6-RF, MS | | |

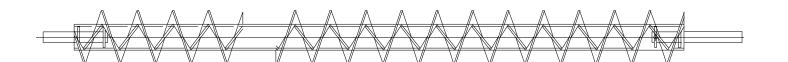
00057870 AUGER WELDMENT, MS696-CD



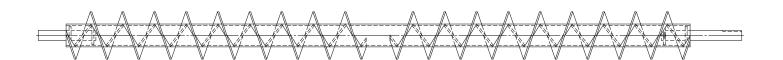
00057871 AUGER WELDMENT, MS796-CD



00086538 AUGER WELDMENT, MS796-RF



00096777 AUGER WELDMENT, MS8823-6-CD



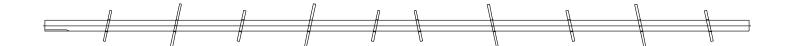
00096778 AUGER WELDMENT, MS8823-6-RF



00057872 AGITATOR WELDMENT, MS696-CD



00042276 AGITATOR WELDMET, MS796-CD



00086539 AGITATOR WELDMENT, MS796-RF



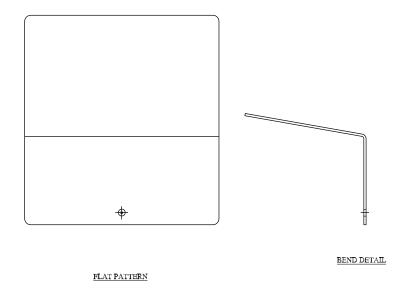
00096780 AGITATOR WELDMENT. MS8823-6-CD



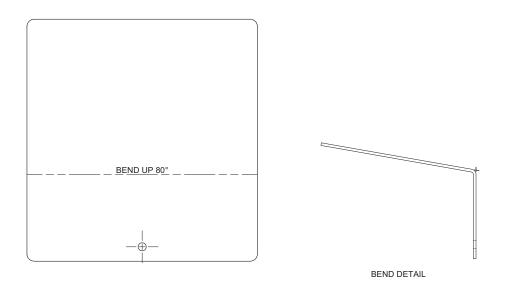
00096781 AGITATOR WELDMENT, MS8823-6-RF

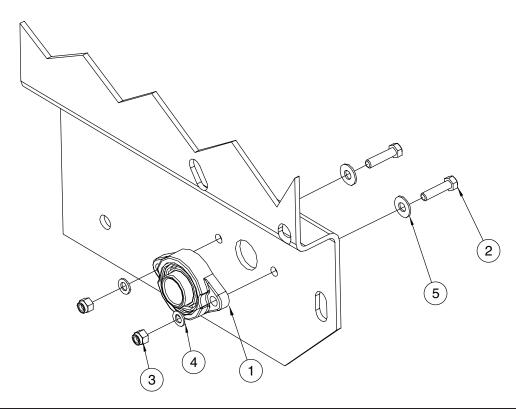


00042273-A ANTI-FLOW PLATE, MS796/696, MS 00042273-B ANTI-FLOW PLATE, MS796/696, SST 00042273-C ANTI-FLOW PLATE, MS796/696, AUSST



00136690-A ANTI-FLOW PLATE, RT-6, MS 00136690-B ANTI-FLOW PLATE, RT-6, SST 00136690-C ANTI-FLOW PLATE, RT-6, AUSST



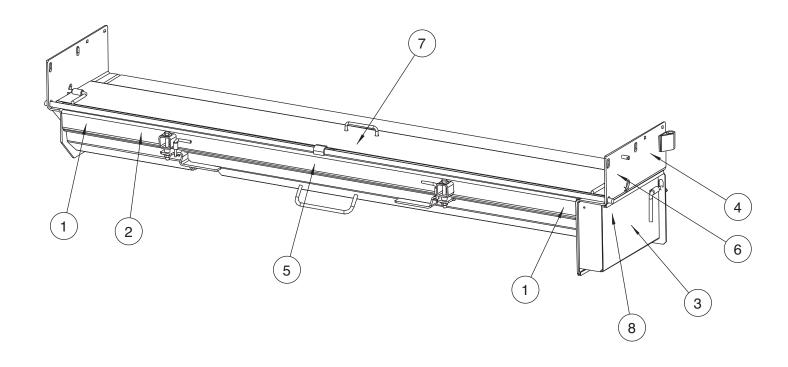


| | | | 00021724 BEARING KIT, 1.25, 2-BOLT |
|------|-----|----------------------|---|
| Item | Qty | Part Number | Description |
| 1 | 1 | 05030024 | BEARING, S1037.20, 1.25" 2-BOLT |
| 2 | 2 | 05010645 05016162 | BOLT, .375-16 X 1.5, G8, HHCS, ZINC BOLT, .375-16 X 1.5, HHCS, SST |
| 3 | 2 | 05020898 05020891 | NUT, .375-16, GC, TOP LOCK, C&W NUT, .375-16, NYLON LOCK, 316 SST |
| 4 | 2 | 05021013 05021390 | WASHER, .375, FLAT, MIL-CARB, SAE WASHER, .375, FLAT, SAE, SST |
| 5 | 2 | 05021307 05021418 | WASHER, .375, FLAT, ZINC WASHER, .375, FLAT, SST |

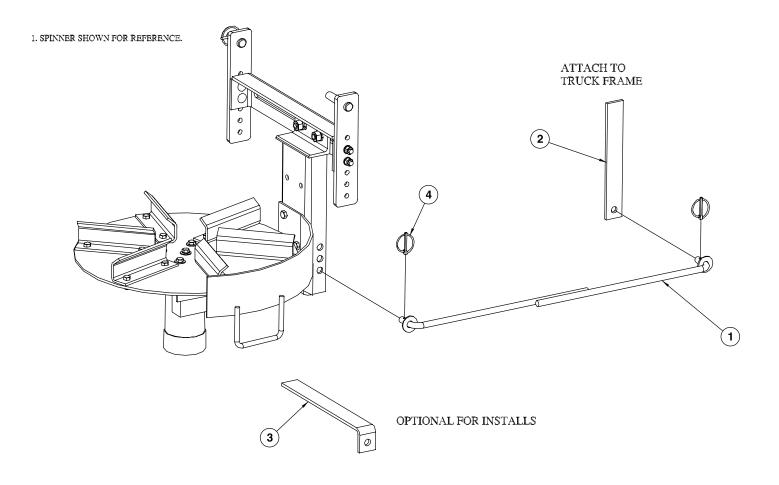
| | | | 00019624 DRIVE KIT, RT-6-CD/RF, CHAIN |
|------|-----|--|--|
| Item | Qty | Part Number | Description |
| 1 | 1 | 00019623-A 00019623-B | CHAIN COVER, RT2230-6, RH, MS CHAIN COVER, RT2230-6, RH, SST |
| 2 | 1 | 00022314-A 00022314-B 00022314-C | MOUNTING PLATE WELDMENT, UT-CD, MS MOUNTING PLATE WELDMENT, UT-CD, 304 SST MOUNTING PLATE WELDMENT, UT-CD, AUSST |
| 3 | 1 | 05006549 | MOTOR, HYD, WHITE, 10CID, 1" SHAFT See Page 38-39 |
| 4 | 1 | 05033010 | SPROCKET, 60B10FX1, .25" KEYWAY |
| 5 | 1 | 05033012 | SPROCKET, 60B16FX1,.25" KEYWAY |
| 6 | 1 | 05033014 | SPROCKET, 60B26FX1.25, .25" KEYWAY |
| 7 | 1 | 05036063 | CHAIN ASSEMBLY |
| 8 | 2 | 05050121 | KEY, .25 X .25 X 1.5" |
| 9 | 1 | 05022035 | PIN, #11 ZINC |
| 10 | 4 | 05010642 05016050 | BOLT, .375-16 X .875, G8, HHCS, ZINC BOLT, .375-16 X .875, HHCS, SST |
| 11 | 2 | 05010690 05036045 | BOLT, .5-13 X 1.250, G8, HHCS, ZINC BOLT, .5-13 X 1.250, HHCS, SST |
| 12 | 2 | 05020268 05020848 | NUT, .5-13, G8, HEX, ZINC NUT, .5-13, G8, HEX, SST |
| 13 | 4 | 05021365 05021392 | WASHER, .375, LOCK, ZINC WASHER, .375, LOCK, SST |
| 14 | 2 | 05021367 05021396 | WASHER, .5, LOCK, ZINC WASHER, .5, LOCK, SST |
| 15 | 1 | 05021309 05021391 | WASHER, .5, FLAT, ZINC WASHER, .5, FLAT, SST |
| 16 | .25 | 05051390 | RUST PROOFER HEAVY DUTY |

| | | | 00086554 DRIVE KIT, MS696-TG, CHAIN |
|------|-----|--------------------------|---|
| Item | Qty | Part Number | Description |
| 1 | 1 | 00086545-A 00086545-B | CHAIN COVER, MS696, RH, MS CHAIN COVER, MS696, RH, SST |
| 2 | 1 | 00022314-A 00022314-B | MOUNTING PLATE WELDMENT, UT-CD, MS MOUNTING PLATE WELDMENT, UT-CD, 304 SST |
| 3 | 1 | 05006549 | MOTOR, HYD, WHITE, 10CID, 1" SHAFT See Page 38-39 |
| 4 | 1 | 05033010 | SPROCKET, 60B10FX1, .25" KEYWAY |
| 5 | 1 | 05033012 | SPROCKET, 60B16FX1,.25" KEYWAY |
| 6 | 1 | 05033014 | SPROCKET, 60B26FX1.25, .25" KEYWAY |
| 7 | 1 | 05036063 | CHAIN ASSEMBLY |
| 8 | 2 | 05050121 | KEY, .25 X .25 X 1.5" |
| 9 | 4 | 05010642 05016050 | BOLT, .375-16 X .875, G8, HHCS, ZINC BOLT, .375-16 X .875, HHCS, SST |
| 10 | 2 | 05010690 05036045 | BOLT, .5-13 X 1.250, G8, HHCS, ZINC BOLT, .5-13 X 1.250, HHCS, SST |
| 11 | 2 | 05020268 05020848 | NUT, .5-13, G8, HEX, ZINC NUT, .5-13, G8, HEX, SST |
| 12 | 4 | 05021365 05021392 | WASHER, .375, LOCK, ZINC WASHER, .375, LOCK, SST |
| 13 | 2 | 05021367 05021396 | WASHER, .5, LOCK, ZINC WASHER, .5, LOCK, SST |
| 14 | 1 | 05021309 05021391 | WASHER, .5, FLAT, ZINC WASHER, .5, FLAT, SST |
| 15 | .25 | 05051390 | RUST PROOFER HEAVY DUTY |

| | | | 00021787 DRIVE KIT, MS796, CHAIN |
|------|-----|--------------------------|---|
| Item | Qty | Part Number | Description |
| 1 | 1 | 01162727-A 01162727-B | CHAIN COVER, MS796, RH, MS CHAIN COVER, MS796, RH, SST |
| 2 | 1 | 00022314-A 00022314-B | MOUNTING PLATE WELDMENT, UT-CD, MS MOUNTING PLATE WELDMENT, UT-CD, 304 SST |
| 3 | 1 | 05006549 | MOTOR, HYD, WHITE, 10CID, 1" SHAFT See Page 38 |
| 4 | 1 | 05033010 | SPROCKET, 60B10FX1, .25" KEYWAY |
| 5 | 1 | 05033012 | SPROCKET, 60B16FX1,.25" KEYWAY |
| 6 | 1 | 05033014 | SPROCKET, 60B26FX1.25, .25" KEYWAY |
| 7 | 1 | 05036063 | CHAIN ASSEMBLY |
| 8 | 2 | 05050121 | KEY, .25 X .25 X 1.5" |
| 9 | 4 | 05010642 05016050 | BOLT, .375-16 X .875, G8, HHCS, ZINC BOLT, .375-16 X .875, HHCS, SST |
| 10 | 2 | 05010690 05036045 | BOLT, .5-13 X 1.250, G8, HHCS, ZINC BOLT, .5-13 X 1.250, HHCS, SST |
| 11 | 2 | 05020268 05020848 | NUT, .5-13, G8, HEX, ZINC NUT, .5-13, G8, HEX, SST |
| 12 | 4 | 05021365 05021392 | WASHER, .375, LOCK, ZINC WASHER, .375, LOCK, SST |
| 13 | 2 | 05021367 05021396 | WASHER, .5, LOCK, ZINC WASHER, .5, LOCK, SST |
| 14 | 1 | 05021309 05021391 | WASHER, .5, FLAT, ZINC WASHER, .5, FLAT, SST |
| 15 | .25 | 05051390 | RUST PROOFER HEAVY DUTY |

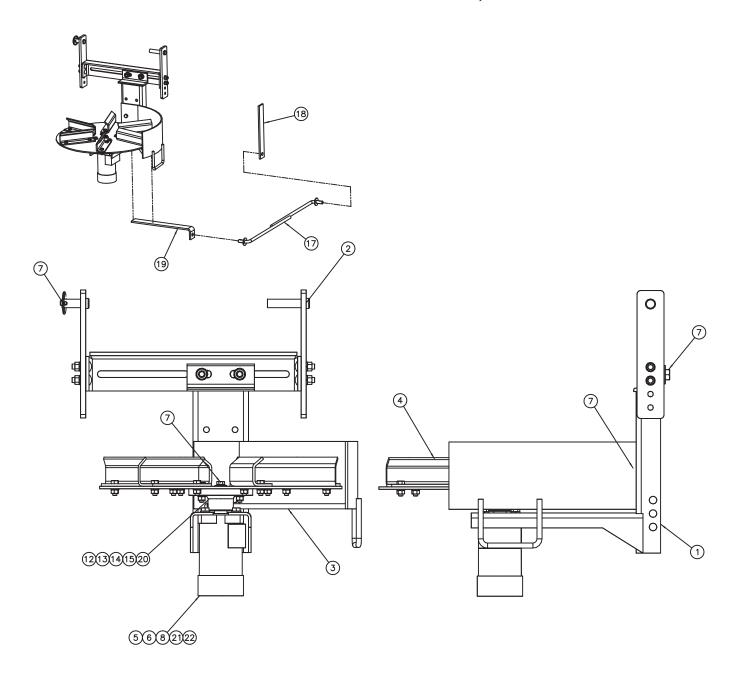


| | 00058135 DECAL KIT,TGT SPREADER,CHAIN DR | | | | | |
|------|--|--------------------|-------------------------------------|--|--|--|
| Item | Qty. | Part Number | Description | | | |
| 1 | 2 | 05051401 | DECAL, DANGER: TURNING AUGERS | | | |
| 2 | 1 | 05051402 | DECAL, DANGER: TURNING SPINNERS. | | | |
| 3 | 1 | 05051403 | DECAL,SAFETY CHAIN COVER | | | |
| 4 | 1 | 05051404 | DECAL,CAUTION #1-#6 | | | |
| 5 | 1 | 05051405 | DECAL,MONROE SPREADER | | | |
| 6 | 1 | 05052311 | DECAL, QUALITY CHECK | | | |
| 7 | 1 | 05051625 | DECAL,MONROE SNOW & ICE CONTROL | | | |
| 8 | 1 | 05052310 | DECAL, DANGER: KEEP GUARDS IN PLACE | | | |



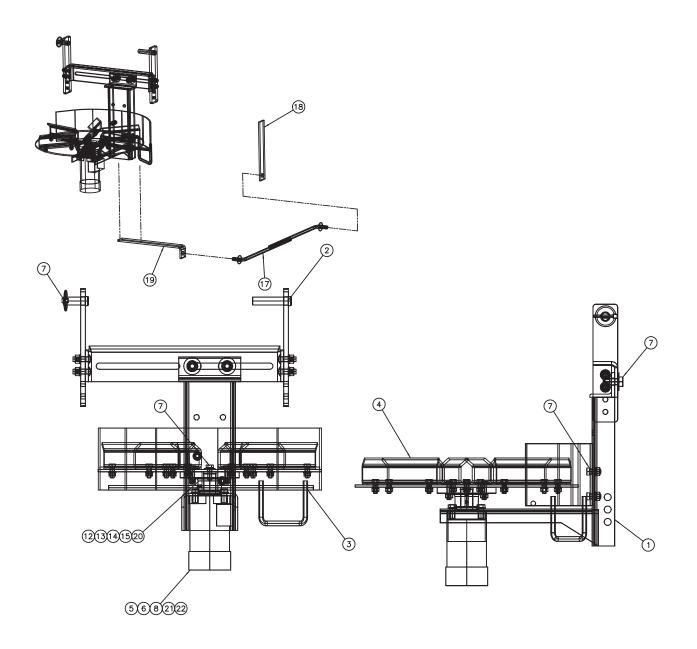
| | 00057875 MOUNTING KIT/RTS | | | |
|------|---------------------------|--------------------------|---|--|
| Item | Qty | Part Number | Description | |
| 1 | 2 | 00041156-A 00041156-B | STABILIZER ROD WELDMENT, MS-UT, MS STABILIZER ROD WELDMENT, MS-UT, 304 SST | |
| 2 | 1 | 00041121-A 00041121-B | STABILIZER, SPINNER, MS-UT, MS STABILIZER, SPINNER, MS-UT, 304 SST | |
| 3 | 1 | 00041124-A 00041124-B | BRACKET, STABILIZER, MS-UT, MS BRACKET, STABILIZER, MS-UT, 304 SST | |
| 4 | 3 | 05022106 | PIN, .188, LYNCH | |

00026544 SPINNER ASSEMBLY, LH



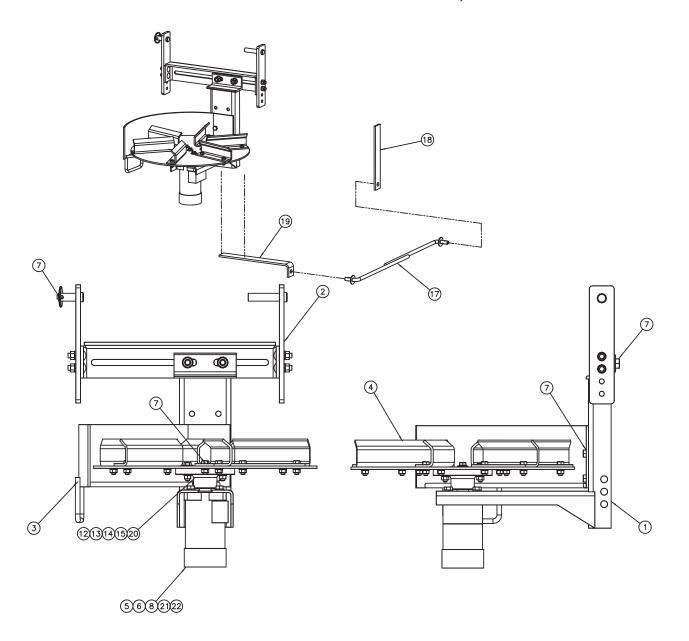
| 00026544 SPINNER ASSEMBLY, TGT, LH SEAL SAVER | | | | |
|---|------|-------------|---|--|
| Item | Qty. | Part Number | Description | |
| 1 | 1 | 00026543-A | FRAME WLDMT,SPINNER,TGT,MS | |
| 1 | 1 | 00026543-B | FRAME WLDMT,SPINNER,TGT,304SS | |
| 1 | 1 | 00026543-C | FRAME WLDMT,SPINNER,TGT,AUSST | |
| 2 | 1 | 00103663-A | HANGER ASSEMBLY, SPINNER, TGT, MS | |
| 2 | 1 | 00103663-B | HANGER ASSEMBLY, SPINNER, TGT, AUSST | |
| 3 | 1 | 00105117-A | SHIELD WLDMT,LH,SPINNER,TGT,MS | |
| 3 | 1 | 00105117-B | SHIELD WLDMT,LH,SPINNER,TGT,304SS | |
| 4 | 1 | 00099401-A | SPINNER DISC ASSY,18,CCW,MS See Page 37 | |
| 4 | 1 | 00099401-B | SPINNER DISC ASSY,18,CCW,304 | |
| 4 | 1 | 00099401-D | SPINNER DISC ASSY,18,CCW,AUSST | |
| 4 | 1 | 05050071-B | DISC,SPINNER,18"CCW,POLY | |
| 5 | 1 | 05006673 | MOTOR,HYD,WHITE,3.2CI,4B,1"EXT See Page 40-41 | |
| 6 | 4 | 05010645 | BOLT .375-16 x 1.50 G8 HHCS ZC | |
| 6 | 4 | 05016162 | BOLT .375-16 x 1.50 HHCS SS | |
| 7 | 1 | 05016906-A | BOLT KIT,SPINNER,MS,MT UNDER | |
| 7 | 1 | 05016906-B | BOLT KIT,SPINNER,MS,MT UNDER | |
| 8 | 4 | 05021365 | WASHER .375 LOCK ZC | |
| 8 | 4 | 05021392 | WASHER .375 LOCK SS | |
| 12 | 1 | 05051380 | HUB,SPINNER ASSY,STD,SHORT,W/SET SCREW | |
| 13 | 4 | 05010619 | BOLT .313-18 x 1.25 G8 HHCS ZC | |
| 13 | 4 | 05016139 | BOLT .313-18 x 1.25 HHCS SS | |
| 13 | 4 | 05016140 | BOLT .313-18 x 1.50 HHCS SS | |
| 14 | 4 | 05020265 | NUT .313-18 G8 HEX ZC | |
| 14 | 4 | 05020855 | NUT .313-18 HEX SS | |
| 15 | 4 | 05021364 | WASHER .313 LOCK ZC | |
| 15 | 4 | 05021407 | WASHER .313 LOCK SS | |
| 16 | 1 | 05052485 | TRASH LINER,CLEAR 40 x 46 | |
| 17 | 2 | 00041156-A | STABILIZER ROD WLDMT,MS-UT,MS | |
| 17 | 2 | 00041156-B | STABILIZER ROD WLDMT,MS-UT,304 | |
| 18 | 1 | 00041121-A | STABILIZER,SPINNER,MS-UT,MS | |
| 18 | 1 | 00041121-B | STABILIZER,SPINNER,MS-UT,304 | |
| 19 | 1 | 00041124-A | BRACKET,STABILIZER,MS-UT,MS | |
| 19 | 1 | 00041124-B | BRACKET,STABILIZER,MS-UT,304 | |
| 20 | 4 | 05021306 | WASHER .313 FLAT ZC | |
| 20 | 4 | 05021404 | WASHER .313 FLAT SS | |
| 21 | 1 | 00122073 | SEAL SAVER,MOTOR,SPINNER | |
| 22 | 1 | 05050288 | GREASE ZERK, 250-28 STRAIGHT | |

00026548 SPINNER ASSEMBLY, CENTER



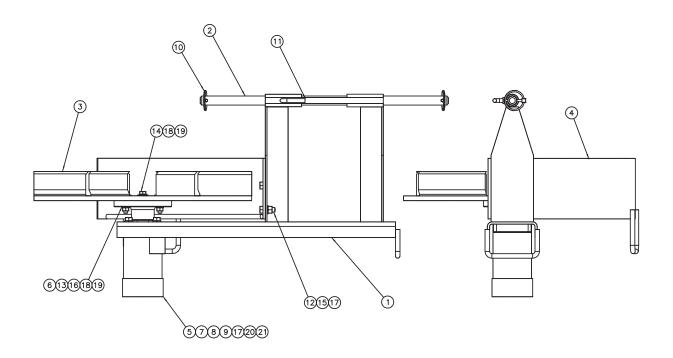
| 00026548 SPINNER ASSEMBVLY, TGT, CENTER | | | | |
|---|------|-------------|---|--|
| ltem | Qty. | Part Number | Description | |
| 1 | 1 | 00026543-A | FRAME WLDMT,SPINNER,TGT,MS | |
| 1 | 1 | 00026543-B | FRAME WLDMT,SPINNER,TGT,304SS | |
| 1 | 1 | 00026543-C | FRAME WLDMT,SPINNER,TGT,AUSST | |
| 2 | 1 | 00103663-A | HANGER ASSEMBLY,SPINNER,TGT,MS | |
| 2 | 1 | 00103663-B | HANGER ASSEMBLY, SPINNER, TGT, AUSST | |
| 3 | 1 | 00105119-A | SHIELD WLDMT,CD,SPINNER,TGT,MS | |
| 3 | 1 | 00105119-B | SHIELD WLDMT,CD,SPINNER,TGT,304SS | |
| 4 | 1 | 00099401-A | SPINNER DISC ASSY,18,CCW,MS See Page 37 | |
| 4 | 1 | 00099401-B | SPINNER DISC ASSY,18,CCW,304SS | |
| 4 | 1 | 00099401-D | SPINNER DISC ASSY,18,CCW,AUSST | |
| 4 | 1 | 05050071-B | DISC,SPINNER,18"CCW,POLY, | |
| 5 | 1 | 05006673 | MOTOR,HYD,WHITE,3.2CI,4B,1"EXT See Page 40-41 | |
| 6 | 4 | 05010645 | BOLT .375-16 x 1.50 HHCS ZC | |
| 6 | 4 | 05016162 | BOLT .375-16 x 1.50 HHCS SS | |
| 7 | 1 | 05016906-A | BOLT KIT,SPINNER,MS,MT UNDER | |
| 7 | 1 | 05016906-B | BOLT KIT,SPINNER,MS,MT UNDER | |
| 8 | 4 | 05021365 | WASHER .375 LOCK ZC | |
| 8 | 4 | 05021392 | WASHER .375 LOCK SS | |
| 12 | 1 | 05051380 | HUB,SPINNER ASSY,STD,SHORT,W/SET SCREW | |
| 13 | 4 | 05010619 | BOLT .313-18 x 1.25 G8 HHCS ZC | |
| 13 | 4 | 05016139 | BOLT .313-18 x 1.25 HHCS SS | |
| 14 | 4 | 05020265 | NUT .313-18 G8 HEX ZC | |
| 14 | 4 | 05020855 | NUT .313-18 HEX SS | |
| 15 | 4 | 05021364 | WASHER .313 LOCK ZC | |
| 15 | 4 | 05021407 | WASHER .313 LOCK SS | |
| 16 | 1 | 05052485 | TRASH LINER,CLEAR 40 x 46 | |
| 17 | 2 | 00041156-A | STABILIZER ROD WLDMT,MS-UT,MS | |
| 17 | 2 | 00041156-B | STABILIZER ROD WLDMT,MS-UT,304 | |
| 18 | 1 | 00041121-A | STABILIZER,SPINNER,MS-UT,MS | |
| 18 | 1 | 00041121-B | STABILIZER,SPINNER,MS-UT,304 | |
| 19 | 1 | 00041124-A | BRACKET,STABILIZER,MS-UT,MS | |
| 19 | 1 | 00041124-B | BRACKET,STABILIZER,MS-UT,304 | |
| 20 | 4 | 05021306 | WASHER .313 FLAT ZC | |
| 20 | 4 | 05021404 | WASHER .313 FLAT SS | |
| 21 | 1 | 00122073 | SEAL SAVER,MOTOR,SPINNER | |
| 22 | 1 | 05050288 | GREASE FITTING, .250-28 UNF ST | |

00026549 SPINNER ASSEMBLY, RH



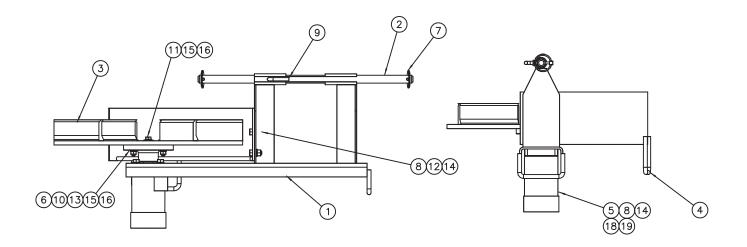
| | | 00026549 | SPINNER ASSEMBLY, TGT, RH |
|------|------|--------------------|--|
| Item | Qty. | Part Number | Description |
| 1 | 1 | 00026543-A | FRAME WLDMT,SPINNER,TGT,MS |
| 1 | 1 | 00026543-B | FRAME WLDMT,SPINNER,TGT,304SS |
| 2 | 1 | 00103663-A | HANGER ASSEMBLY, SPINNER, TGT, MS |
| 2 | 1 | 00103663-B | HANGER ASSEMBLY, SPINNER, TGT, 304SS |
| 3 | 1 | 00105118-A | SHIELD WLDMT,RH,SPINNER,TGT,MS |
| 3 | 1 | 00105118-B | SHIELD WLDMT,RH,SPINNER,TGT,304SS |
| 4 | 1 | 00099400-A | SPINNER DISC ASSY,18,CW,MS See Page 37 |
| 4 | 1 | 00099400-B | SPINNER DISC ASSY,18,CW,304SS |
| 4 | 1 | 05051054 | DISC,SPINNER,18"CW,POLY,RED See Page 40-41 |
| 5 | 1 | 05006673 | MOTOR,HYD,WHITE,3.2CI,4B,1"EXT |
| 6 | 4 | 05010645 | BOLT .375-16 x 1.50 G8 HHCS ZC |
| 7 | 1 | 05016906-A | BOLT KIT,SPINNER,MS,MT UNDER |
| 7 | 1 | 05016906-B | BOLT KIT,SPINNER,MS,MT UNDER |
| 8 | 4 | 05021365 | WASHER .375 LOCK ZC |
| 8 | 4 | 05021392 | WASHER .375 LOCK SS |
| 12 | 1 | 05051380 | HUB,SPINNER ASSY,STD,SHORT,W/SET SCREW |
| 13 | 4 | 05010619 | BOLT .313-18 x 1.25 G8 HHCS ZC |
| 13 | 4 | 05010620 | BOLT .313-18 x 1.50 G8 HHCS ZC |
| 13 | 4 | 05016139 | BOLT .313-18 x 1.25 HHCS SS |
| 13 | 4 | 05016140 | BOLT .313-18 x 1.50 HHCS SS |
| 14 | 4 | 05020265 | NUT .313-18 G8 HEX ZC |
| 14 | 4 | 05020855 | NUT .313-18 HEX SS |
| 15 | 4 | 05021364 | WASHER .313 LOCK ZC |
| 15 | 4 | 05021407 | WASHER .313 LOCK SS |
| 16 | 1 | 05052485 | TRASH LINER,CLEAR 40 x 46 |
| 17 | 2 | 00041156-A | STABILIZER ROD WLDMT,MS-UT,MS |
| 17 | 2 | 00041156-B | STABILIZER ROD WLDMT,MS-UT,304 |
| 18 | 1 | 00041121-A | STABILIZER,SPINNER,MS-UT,MS |
| 18 | 1 | 00041121-B | STABILIZER,SPINNER,MS-UT,304 |
| 19 | 1 | 00041124-A | BRACKET,STABILIZER,MS-UT,MS |
| 19 | 1 | 00041124-B | BRACKET,STABILIZER,MS-UT,304 |
| 20 | 4 | 05021306 | WASHER .313 FLAT ZC |
| 20 | 4 | 05021404 | WASHER .313 FLAT SS |
| 21 | 1 | 00122073 | SEAL SAVER,MOTOR,SPINNER |
| 22 | 1 | 05050288 | GREASE FITTING, .250-28 UNF ST |

00022064 SPINNER ASSY, SELF-LEVEL, LH

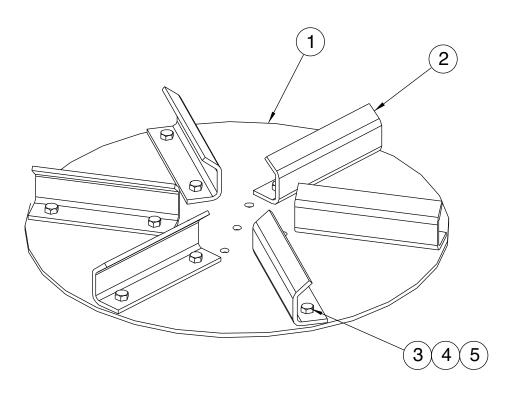


| | 00022064 | SPINNER ASSE | MBLY, TGT, LH, SELF LEVELING, SEAL SAVER |
|------|----------|--------------------|---|
| Item | Qty. | Part Number | Description |
| 1 | 1 | 00022057-A | FRAME WLDMT,SPNNR,SELF-LVL,MS |
| 1 | 1 | 00022057-B | FRAME WLDMT,SPNNR,SELF-LVL,304 |
| 1 | 1 | 00022057-C | FRAME WLDMT,SPNNR,SELF-LVL,AUSST |
| 2 | 1 | 00022039 | PIVOT ROD,SPINNER,SELF-LVL,TGT |
| 3 | 1 | 00099401-A | SPINNER DISC ASSY,18,CCW,MS |
| 3 | 1 | 00099401-B | SPINNER DISC ASSY,18,CCW,304 See Page 36 |
| 3 | 1 | 00099401-C | SPINNER DISC ASSY,18,CCW,AR |
| 3 | 1 | 00099401-D | SPINNER DISC ASSY,18,CCW,AUSST |
| 3 | 1 | 05050071-B | SPINNER DISC,18"CCW,POLY |
| 4 | 1 | 00105118-A | SHIELD WLDMT,RH,SPINNER,TGT,MS |
| 4 | 1 | 00105118-B | SHIELD WLDMT,RH,SPINNER,TGT,304 |
| 5 | 1 | 05006673 | MOTOR,HYD,WHITE,3.2CI,4B,1"EXT See Page 40-41 |
| 6 | 1 | 05051380 | HUB,SPINNER ASSY,STD,SHORT,W/SET SCREWS |
| 7 | 1 | 00122073 | SEAL SAVER,MOTOR,SPINNER |
| 8 | 1 | 05050288 | GREASE ZERK,.250-28 STRAIGHT |
| 9 | 4 | 05010645 | BOLT .375-16 x 1.50 G8 HHCS ZC |
| 9 | 4 | 05016162 | BOLT .375-16 x 1.50 HHCS SS |
| 10 | 2 | 05022106 | PIN .188 LYNCH |
| 11 | 1 | 05016098 | BOLT .313-18 x 1.75 L-SHAPE |
| 12 | 2 | 05010642 | BOLT .375-16 x .875 G8 HHCS ZC |
| 12 | 2 | 05016050 | BOLT .375-16 x .875 HHCS SST |
| 13 | 4 | 05010619 | BOLT .313-18 x 1.25 G8 HHCS ZC |
| 13 | 4 | 05016139 | BOLT .313-18 x 1.250 HHCS SST |
| 14 | 1 | 05010618 | BOLT .313-18 x 1.000 G8 HHCS ZC |
| 14 | 1 | 05016138 | BOLT .313-18 x 1.000 HHCS SST |
| 15 | 2 | 05020266 | NUT .375-16 G8 HEX ZC |
| 15 | 2 | 05020842 | NUT .375-16 HEX SST |
| 16 | 4 | 05020265 | NUT .313-18 G8 HEX ZC |
| 16 | 4 | 05020855 | NUT .313-18 HEX SST |
| 17 | 6 | 05021365 | WASHER .375 LOCK ZC |
| 17 | 6 | 05021392 | WASHER .375 LOCK SST |
| 18 | 1 | 05021404 | WASHER .313 FLAT SST |
| 18 | 5 | 05021306 | WASHER .313 FLAT ZC |
| 19 | 5 | 05021364 | WASHER .313 LOCK ZC |
| 19 | 5 | 05021407 | WASHER .313 LOCK SST |
| 20 | 1 | 05050236 | CARDBOARD,BOX,24" x 12" 20" |
| 21 | 1 | 05052485 | TRASH LINER |

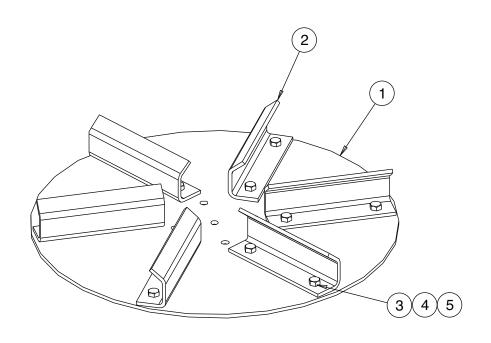
00012231 SPINNER ASSY, LH, SELF-LEVEL, SHORT



| 00012231 SPINNER ASSEMBLY, TGT, LH, SELF LEVEL, SHORT | | | | | | |
|---|------|-------------|---|--|--|--|
| Item | Qty. | Part Number | Description | | | |
| 1 | 1 | 00033130-A | FRAME WLDMT,SELF-LVL,SHORT,MS | | | |
| 1 | 1 | 00033130-B | PIVOT ROD,SPINNER,SELF-LVL,TGT | | | |
| 2 | 1 | 00022039 | PIVOT ROD, SPINNER, SELF-LVL, TGT | | | |
| 3 | 1 | 00099401-A | SPINNER DISC ASSY,18,CCW,MS See Page 36 | | | |
| 3 | 1 | 05050071-B | SPINNER DISC,18"POLY,CCW | | | |
| 4 | 1 | 00105118-A | SHIELD WLDMT,RH,SPINNER,TGT,MS | | | |
| 4 | 1 | 00105118-B | SHIELD WLDMT,RH,SPINNER,TGT,304SS | | | |
| 5 | 1 | 05006673 | MOTOR,HYD,WHITE,3.2CI,4B,1"EXT See Page 40-41 | | | |
| 6 | 1 | 05051380 | HUB,SPINNER ASSY,STD,SHORT,W/SET SCREW | | | |
| 7 | 2 | 05022106 | PIN .188 LYNCH | | | |
| 8 | 6 | 05010645 | BOLT .375-16 x 1.50 G8 HHCS ZC | | | |
| 8 | 6 | 05016162 | BOLT .375-16 x 1.50 HHCS SST | | | |
| 9 | 1 | 05016098 | BOLT .313-18 x 1.75 L-SHAPE | | | |
| 10 | 4 | 05010619 | BOLT .313-18 x 1.25 G8 HHCS ZC | | | |
| 10 | 4 | 05010640 | BOLT .313-18 x 1.500 HHCS SST | | | |
| 11 | 1 | 05010618 | BOLT .313-18 x 1.000 G8 HHCS ZC | | | |
| 11 | 1 | 05010643 | BOLT .375-16 x 1.00 G8 HHCS ZC | | | |
| 11 | 1 | 05016034 | BOLT .375-16 x 1.00 HHCS SST | | | |
| 12 | 2 | 05020266 | NUT .375-16 G8 HEX ZC | | | |
| 12 | 2 | 05020842 | NUT .375-16 HEX SST | | | |
| 13 | 4 | 05020265 | NUT .313-18 G8 HSX ZC | | | |
| 13 | 4 | 05020855 | NUT .313-18 HEX SST | | | |
| 14 | 6 | 05021365 | WASHER .375 LOCK ZC | | | |
| 14 | 6 | 05021392 | WASHER .375 LOCK SST | | | |
| 15 | 5 | 05021364 | WASHER .313 LOCK ZC | | | |
| 15 | 5 | 05021407 | WASHER .313 LOCK SST | | | |
| 16 | 1 | 05021306 | WASHER .313 FLAT ZC | | | |
| 16 | 5 | 05021404 | WASHER .313 FLAT SST | | | |
| 18 | 1 | 00122073 | SEAL SAVER,MOTOR,SPINNER | | | |
| 19 | 1 | 05050288 | GREASE ZERK,.250-28 STRAIGHT | | | |

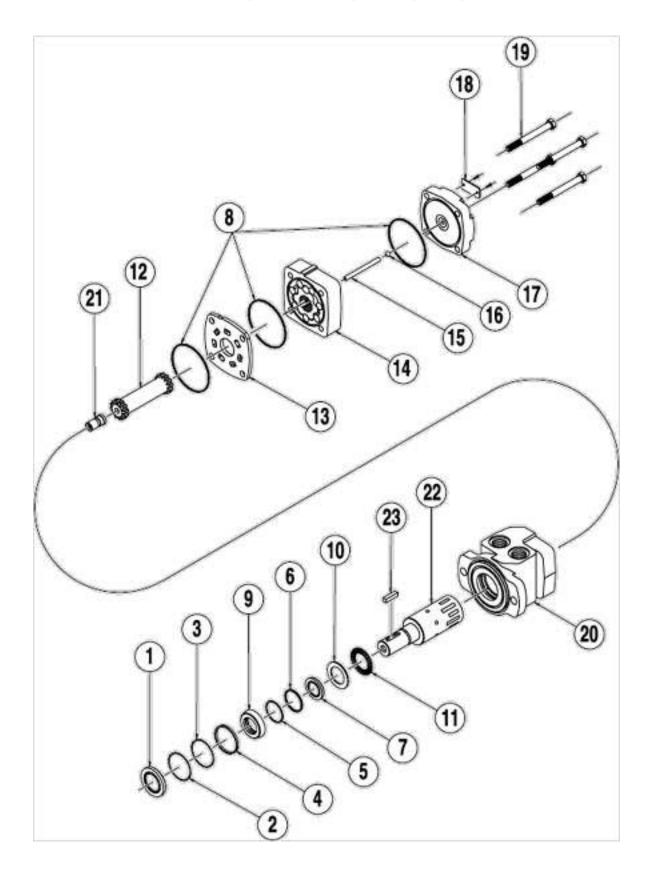


| | 00099401-A DISC ASSEMBLY, SPINNER, 18" CCW, MS 00099401-B DISC ASSEMBLY, SPINNER, 18" CCW, 304 SST 00099401-C DISC ASSEMBLY, SPIPNNER, 18" CCW, AR | | | | |
|------|--|--|---|--|--|
| Item | Qty | Part Number | Description | | |
| 1 | 1 | 00080420-A 00080420-B 00080420-D | DISC, SPINNER, 18" MS DISC, SPINNER, 18", 304 DISC SPINNER, 18", AR | | |
| 2 | 6 | 00080425-A 00080425-B | FLITE SPINNER, MS FLITE SPINNER, SST | | |
| 3 | 12 | 05010617 05016137 | BOLT, .312-18 X .875, G8, HHCS, ZINC BOLT, .312-18 X .875, HHCS, SST | | |
| 4 | 12 | 05020265 05020855 | NUT, .312-18, G8, HEX, ZINC NUT, .312-18, G8, HEX, SST | | |
| 5 | 12 | 05021364 05021407 | WASHER, .312, LOCK, ZINC WASHER, .312, LOCK, SST | | |

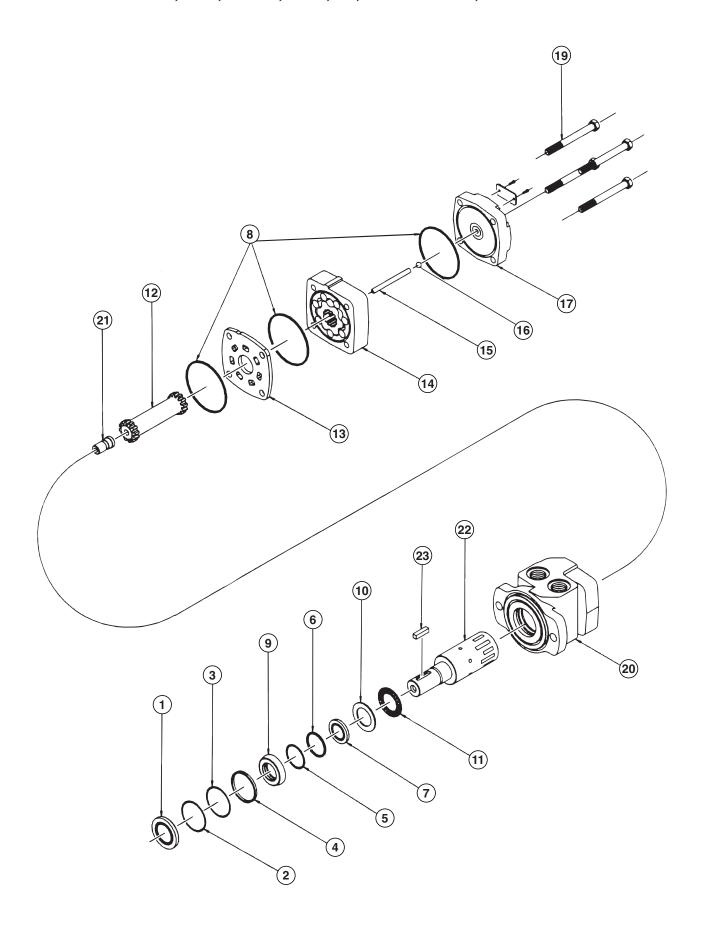


| 00099400-A DISC ASSEMBLY, SPINNER, 18" CW, MS 00099400-B DISC ASSEMBLY, SPINNER, 18" CW, 304 SST 00099400-C DISC ASSEMBLY, SPIPNNER, 18" CW, AR | | | | |
|---|-----|--|---|--|
| Item | Qty | Part Number | Description | |
| 1 | 1 | 00080420-A 00080420-B 00080420-D | DISC, SPINNER, 18" MS DISC, SPINNER, 18", 304 DISC SPINNER, 18", AR | |
| 2 | 6 | 00080425-A 00080425-B | FLITE SPINNER, MS FLITE SPINNER, SST | |
| 3 | 12 | 05010617 05016137 | BOLT, .312-18 X .875, G8, HHCS, ZINC BOLT, .312-18 X .875, HHCS, SST | |
| 4 | 12 | 05020265 05020855 | NUT, .312-18, G8, HEX, ZINC NUT, .312-18, G8, HEX, SST | |
| 5 | 12 | 05021364 05021407 | WASHER, .312, LOCK, ZINC WASHER, .312, LOCK, SST | |

05006549 MOTOR, HYDRAULIC, WHITE, 10 CI, 4 BOLT



| MOTOR ASSEMBLY PARTS LIST | | | | |
|---------------------------|-------------|---|--|--|
| Item | Part Number | Description | | |
| 1 | | Dust Seal | | |
| 2 | | Split Wire Ring | | |
| 3 | | Metal Backup Shim | | |
| 4 | | High Pressure Seal | | |
| 5 | Seal Kit | Metal Backup Shim | | |
| 6 | 05006061 | Teflon Backup Shim | | |
| 7 | | Shaft Seal | | |
| 8 | | Body Seals (3) | | |
| 9 | | Seal Carrier | | |
| 10 | | Thrust Washer | | |
| 11 | 05006357 | Thrust Bearing | | |
| 12 | 05006366 | Drive Link Kit | | |
| 13 | 05006359 | Wear Plate | | |
| 14 | 05006082 | Rotor Kit | | |
| 15 | 05006081 | Drive Link Pin Kit | | |
| 16 | | Included in item #15 Drive Link Pin Kit | | |
| 17 | 05006360 | End Cover | | |
| 18 | | Serial Number Plate | | |
| 19 | 05006064 | Bolt Set Kit | | |
| 20 | 05006564 | Housing Kit, 4-Hole, w/ 7/8" O-Ring | | |
| 21 | 05006358 | Cooling Plug | | |
| 22 | 05006370 | Shaft Kit, 1" Straight | | |
| 23 | 05006371 | Key Kit, 1" Straight | | |



| MOTOR ASSEMBLY PARTS LIST | | | | |
|---------------------------|-------------|---|--|--|
| Item | Part Number | Description | | |
| 1 | | Dust Seal | | |
| 2 | | Split Wire Ring | | |
| 3 | | Metal Backup Shim | | |
| 4 | | High Pressure Seal | | |
| 5 | Seal Kit | Metal Backup Shim | | |
| 6 | 05006679 | Teflon Backup Shim | | |
| 7 | | Shaft Seal | | |
| 8 | | Body Seals (3) | | |
| 9 | | Seal Carrier | | |
| 10 | | Thrust Washer | | |
| 11 | | Thrust Bearing | | |
| 12 | | Drive Link Kit | | |
| 13 | | Wear Plate | | |
| 14 | | Rotor Kit | | |
| 15 | | Drive Link Pin Kit | | |
| 16 | | Included in item #15 Drive Link Pin Kit | | |
| 17 | | End Cover | | |
| 18 | | Serial Number Plate | | |
| 19 | | Bolt Set Kit | | |
| 20 | 05006564 | Housing Kit, 4-Hole, w/ 7/8" O-Ring | | |
| 21 | | Cooling Plug | | |
| 22 | 05006410 | Shaft Kit 1" Straight Speed Sensor | | |
| 23 | | Key Kit, 1" Straight | | |

| 00098541 QUICK DROP TAILGATE MOUNTING KIT | | | | | |
|---|-----|-------------|---|--|--|
| Item | Qty | Part Number | Description | | |
| 1 | 2 | 00098540 | PIN WELDMENT, RT/RTS, QUICK DROP TAILGATE | | |
| 2 | 2 | 00029799 | BRACKET, MOUNTING, RT, QUICK DROP TGT | | |
| 3 | 2 | 05010618 | BOLT, .313-18 X 1, G8, HHCS, ZINC | | |
| 4 | 2 | 05020909 | NUT, .313-18, GC, TOP LOCK, C&W | | |
| 5 | 1 | 05050272 | CARDBOARD BOX | | |

HOW TO ORDER PARTS

To order or inquire about replacement parts, please contact the distributor or store that the product was purchased through. To speed the information flow, please have the follow information ready:

- Model Number
- Serial Number
- Part Number and/or description as per the parts manual
- Quantity needed

For further information about **Monroe Truck Equipment** replacement parts, please call 800-880-0109 and ask for **Snow & Ice Parts Sales**.

RETURN POLICY

Merchandise returned to **Monroe Truck Equipment** must have a Warranty Service Request (WSR) form filled out completely and signed by authorized personnel. To get your WSR form, call 800-880-0109. For whole goods, ask for **Snow & Ice Sales**. For replacement parts, ask for **Snow & Ice Parts Sales**. All returned items are subject to a 15% restocking fee and must be sent <u>freight prepaid!</u>

MONROE TRUCK EQUIPMENT, INC. WARRANTY SNOW & ICE CONTROL PRODUCTS

Monroe Truck Equipment, Inc. warrants to the original purchaser, that if any part of the product proves to be defective in workmanship or material within *ONE YEAR* of the original installation, and is returned to us within 30 days of the discovered defect, we will (at our option) repair or replace the defective part. This warranty does not apply to damage resulting from misuse, neglect, accident, improper installation, normal wear items or lack of maintenance. This warranty is exclusive and supersedes all other warranties, whether expressed or implied. **Monroe Truck Equipment, Inc.** neither assumes, nor authorizes anyone to assume for it, any other obligation or liability in connection with this warranty and will not be liable for consequential damages.

All engines, pumps, motors, cylinders and valves are warranted by their manufacturer and not by **Monroe Truck Equipment**, **Inc.**. The manufacturer's warranty will apply to these parts. Electrical and hydraulic components are not to be disassembled without the express written permission of Monroe Truck Equipment. Use of replacement parts other than original equipment voids this warranty.

All defective parts returned must be accompanied by the model number, serial number, date installed, date of defect, description of defect, and the name of the distributor from whom it was purchased. All warranty claims must have prior written approval from **Monroe Truck Equipment**, **Inc.**

Please return the warranty registration card that accompanies this manual to confirm receipt of this parts catalog and acknowledge the information contained within. Failure to return the attached card may result in a voided warranty.







1051 West 7th Street Monroe, WI 53566 608-328-8127 ~ Fax: 608-328-4278

Warranty Policy Uninstalled Parts and Equipment Provided by Monroe Truck Equipment

Monroe Truck Equipment will provide the following limited warranty for a period of one year to the original purchaser of all uninstalled goods provided by Monroe Truck Equipment:

LIMITED WARRANTY: All goods provided by Monroe Truck Equipment (MTE) will be free from defects in material and workmanship for a period of one year from the date of purchase by the original purchaser. This limited warranty shall be the sole and exclusive remedy for any such product found to be defective. This limited warranty supercedes all previous warranties and is exclusive and in lieu of all other warranties, whether expressed or implied.

This limited warranty applies only to parts or accessories manufactured by MTE and/or provided by same. Except with respect to title, this limited warranty does not pertain to parts or accessories not manufactured and/or provided by MTE, regardless of whether such parts or accessories were selected and/or recommended by MTE. MTE will, as a service to the buyer, pass on any warranties received from the original manufacturer of MTE provided parts and/or accessories.

MTE will not under any circumstances be liable for any incidental or consequential damages whether in tort, contract, or otherwise, for any bodily injury, death, property damage, loss of use, or loss of income resulting from or in any way arising out of any goods provided by MTE, or their sale, use, or manufacture.

Any warranty claim deemed to be arising from the result of misuse, abuse, neglect, accident, improper installation, lack of maintenance, act of war (whether declared or otherwise), or act of God will be denied. Any repair or modification by the buyer or any third party, without the prior written consent of MTE, will void any possible warranty compensation. Any damage deemed to be the result of abnormal operation will not be compensated by this warranty.

Normal or special maintenance items such as fuels, fluids, tires, belts, hoses, filters, air cleaners, light bulbs, and any other items subject to normal wear and tear that are supplied in connection with goods provided by MTE are not allowed under this warranty.

All engines, pumps, cylinders, valves, and motors are warranted by their manufacturer and not by Monroe Truck Equipment. The manufacturer's warranty will apply to these parts. Electrical and hydraulic components are not to be disassembled without the express written consent of MTE. Any disassembly of MTE provided components without prior authorization will void the applicable warranty.

Monroe Truck Equipment shall be the sole and final determining authority as it applies to the administration of this warranty policy. Purchaser acknowledges receipt of Monroe Truck Equipment Warranty Policy and agrees to be bound by same.



GLOBAL SOLUTIONS

ARMORED VEHICLES ~ SPORT TRUCK CONVERSIONS
MUNICIPAL SNOW & ICE CONTROL ~ FIRE APPARATUS
PICKUP TRUCK ACCESSORIES ~ TRUCK EQUIPMENT/MODIFICATIONS









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Any and all warranty claims must be forwarded to MTE within 10 days of defect discovery. A copy of the original Monroe Truck Equipment invoice as well as the manufacturer's model number, serial number, and date of installation must accompany all correspondence regarding said claims. MTE will, at their option, choose whether to repair or replace the defective part unless otherwise specified by the original manufacturer of said part.

Procedures for Warranty Claims Notification

For submission of any warranty claim please contact Monroe Truck Equipment – Warranty Department at 800-356-8134

The following documentation will be needed when you call for initial warranty authorization:

- 1. A copy of the original MTE invoice.
- 2. Make, Model, and VIN or Serial Number of the equipment involved.
- 3. Part number and serial number of the part in question.
- 4. A complete description of the problem.

The following must accompany any claim submitted to Monroe Truck Equipment:

- 1. Documented photographs of any physical damage.
- 2. Inspection notes by MTE personnel or MTE authorized 3rd party.
- 3. Authorization number issued by Monroe Truck Equipment Warranty Department.

Defective parts must be returned to Monroe Truck Equipment (freight prepaid) within 30 days of issuance of Authorization Number.

Monroe Truck Equipment reserves the right to void any warranty for failure to comply with Monroe Truck Equipment Warranty Policy.

This policy is effective October 11, 2012