

# RollMaster™ 1000

## Product Manual



Jasper St., Unit F, Aurora, CO 80011 T 800.624.6706 F 303.364.7796 • [Newstripe.com](http://Newstripe.com)

RollMaster™ 1000 / 3856.0822

# RollMaster™ 1000

**ALWAYS wear safety goggles or protective eye-wear when operating the unit!**

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**Thank you!** For your purchase of the Newstripe RollMaster™ 1000 Striper.

Please read over the instructions and make sure you understand operating procedures before using the unit.

Please check the serial number on your unit. This Manual is for units with serial number 1017585 and above only. For units with serial numbers below 1017585, please contact Newstripe for the correct manual.



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### PRECAUTIONARY WARNING!

- Please read and understand all operation instructions as detailed in this manual. Failure to follow specified instructions may result in equipment damage or serious injury to person.
- Use only in well-ventilated area.
- Keep away from sparks and flame – No smoking.
- Wear appropriate personal protective equipment.
- Always consult your Facility Safety and/or Personnel Department for specified safety protocols prior to operating this equipment.
- Paint and all foreign matter should be kept away from the pump and trough. It is especially important that pump rollers always be clean and greased with every use.
- **NEVER** use fuels to clean the equipment.
- **DO NOT** use brushes with metal bristles or any metal object to clean any part of the RollMaster™ 1000.
- The Paint Can Tube (attached to paint hose) and Mandrel Tube (in Roller Assembly), Mandrel, and Knurled Nuts are permanent parts of the machine.  
**NOTE: These parts must be cleaned after every use and are not supplied with the Roller Hose Replacement Kits.**



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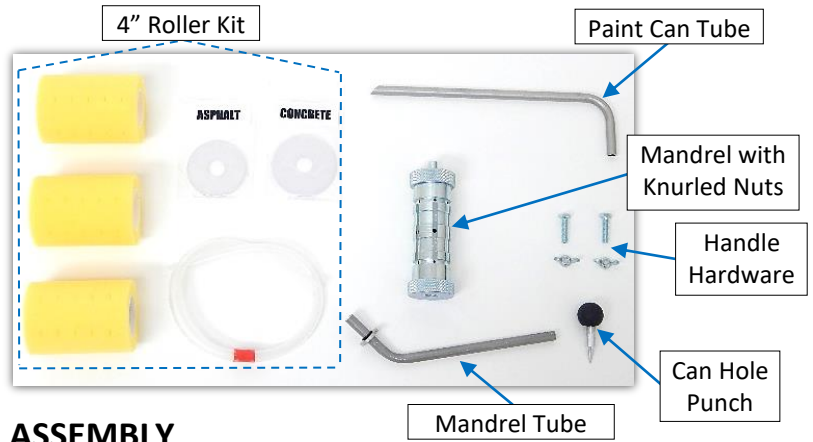
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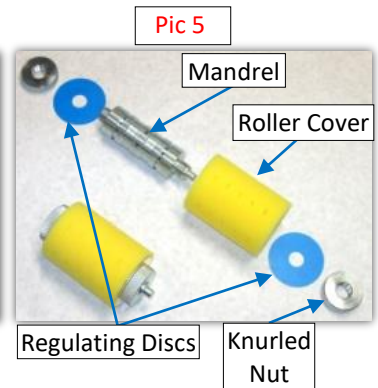
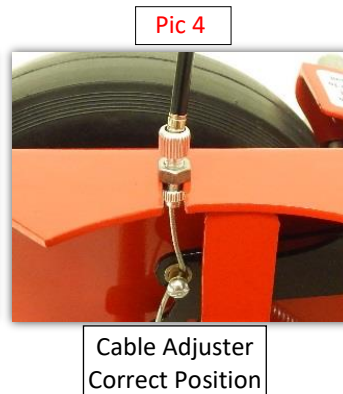
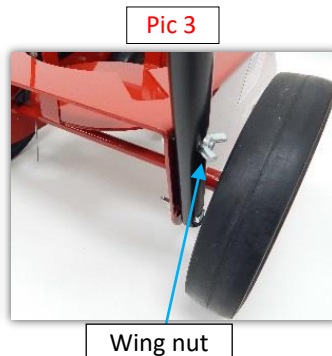
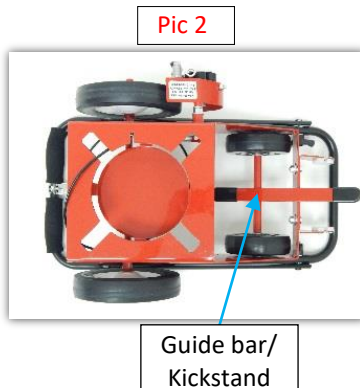
## Your RollMaster™ 1000 box should include these parts:

- Can Hole Punch
- Paint Can Tube
- Mandrel with Knurled Nuts
- Mandrel Tube with O-Ring
- 4" Roller Kit (3 Pack)
- Handle Hardware



## ASSEMBLY

1. Remove the chassis and handle assembly from the box. (Pic 2).
2. Rotate the folding handle upright so that the holes are aligned with the corresponding holes in the chassis. Be careful not to damage the control cable. (Pic3)
3. Fasten the handle to the chassis with the provided ¼" wing nuts to the outside of the handle. (Pic3).
4. Rotate the top section of the handle upward to the unfolded position and then tighten the wing knobs.
5. Pull up on the cable adjuster with the cable and slip it into the slot in the chassis. (Pic 4)  
**Note:** The cable adjuster should be positioned all the way into the slot with the hex nut above the plate and the round adjusting nut below the plate.
6. Adjust the nuts on the cable adjuster for proper pump operation. When adjusted correctly, the pump rollers will spin when the control lever is squeezed and stop spinning when the control lever is released.
7. The guide bar/kickstand raises the mandrel off the surface when it is in the vertical position. When lowered for striping it can also serve as a line guide. (Pic 2)
8. Remove the protective film from the regulating discs before installing them on the mandrel. (Pic 5)
9. Place one regulating disc on one threaded end of the mandrel, and then screw on one knurled nut, finger tight, to retain it. Slide the roller cover onto the mandrel and install the second regulating disc and knurled Nut. Tighten the nuts fully by hand.  
**NOTE:** PVC spacers and discs with larger holes will be included with your kit if you ordered 2" or 3" wide rollers. Follow the above assembly instructions, except you must add these spacers between the discs and the knurled nut.



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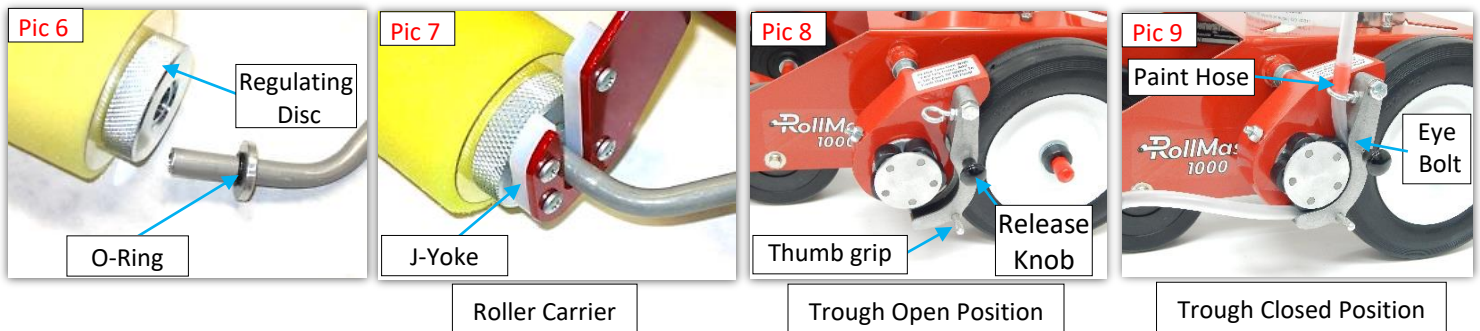
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### Assembly for Striping

1. Apply a light coating of grease to the O-Ring and the short end of the mandrel tube. Insert the greased end of the mandrel tube into the open side of the mandrel with the O-Ring toward the mandrel. (Pic 6)
2. Place the mandrel with the roller cover in the J-Yokes of the carrier assembly with the mandrel tube to the left side of the machine. The washer of the mandrel tube will be on the **inside** of the J-Yokes. The mandrel should be able to slide up and down freely in the J-Yokes. If necessary, bend the side plates out just enough to allow the mandrel to move up and down freely. (Pic 7)
3. Open the trough by grasping the thumb grip on the trough and the rear wheel hub while squeezing them toward each other, until it clicks and locks in the open position. (Pic 8)
4. Push one end of paint hose over the end of the mandrel tube and then insert the hose under the pump rollers, inside the trough. Squeeze the hose flat just below the red band, and then insert it through the side of the trough eye bolt with the red band **ON THE TOP SIDE**. Close the trough by pulling **OUT** on the release knob on the side of the trough while lightly squeezing the thumb grip and wheel hub toward each other. (Pic 9)
5. Make sure the paint hose is under the pump rollers and is not pinched by the sides of the trough.



### OPERATION

1. Punch a hole in the can lid with the provided Punch about 1 inch from the left edge. A second SMALL "vent hole" should be punched near the other hole.
2. Insert the paint can tube into the punched hole in the paint can lid.
3. Push the open end of the paint hose onto the end of the paint can tube.
4. Make sure the trough is in the closed position.
5. When you squeeze the control lever, the pump drive wheel is brought into contact with the rear wheel. The paint is then pumped directly into the mandrel and out through the roller cover, as you move forward. When you release the lever the pumping stops.  
**NOTE:** Only squeeze the control lever when moving forward. Release the lever when rolling backward, or the paint will be sucked back to the paint can.
6. To prime the roller cover for painting, tip the unit back slightly so the front wheels are off the ground. Squeeze and hold the control lever while rolling the unit forward approximately 50-75 feet. You should see dots of paint forming on the roller cover. This indicates that the roller cover is priming properly with paint.
7. After priming the roller cover, place the unit on an existing line or on cardboard and roll the unit forward and backward with the front wheels and roller contacting the surface until the roller is completely saturated.



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### OPERATIONAL NOTES

- DO NOT use lacquer-based paints. Use of lacquer based paints will damage the roller cover.
- DO NOT over-thin the paint.
- The mandrel and roller cover should slide up and down freely in the J-Yokes with a side clearance of not more than 1/32". Proper clearance was set at the factory, but it may be necessary to spread the side plates on the carrier assembly to regain this clearance.
- The mandrel and roller cover should roll freely in the J-Yokes. If not, lightly oil the short end of the mandrel tube that goes into the mandrel, and the O-Ring.
- Most paints can be used without thinning. Some paints will flow better with thinning, so you may need to thin them for easier use.
- Cooler temperatures (50-65 degrees) may also require paint thinning. Normally, no more than 4 ounces (1/2 cup) per gallon is required. **Fast Dry paints are not recommended** (Fast Dry paints are those that are "no pick up" in 30 minutes or less). On rough surfaces, thinning will also improve the appearance of the line.
- Follow the paint manufacturer's instructions for best results.
- If the roller cover becomes oversaturated with paint, release the control lever for a short period of time. Continue rolling forward to allow the excess paint to transfer from the roller cover onto the surface area. Squeeze the lever again when the roller cover requires additional paint. This practice called feathering, will be required when the operator is striping a 2" or a 3" line.
- Releasing the lever when you are 2-3 feet from the end of the line will allow you to finish with a clean and crisp end without puddling.

### HELPFUL TIPS

- The roller cover must be saturated with paint before a solid painted line will be transferred onto the painting surface. It is recommended that you saturate the roller cover as detailed in the operation instructions.
- We recommend that you use water-base traffic paints, as they are easier to clean up and do not "lift" new asphalt surfaces.
- Follow the paint manufacturer's instructions for best results. In colder temperatures, the flow of paint can be restricted because the paint becomes too thick. If the paint is not thin enough, you will not get a solid line and the edges of your line will not appear crisp.
- When stopping for prolonged periods, cover the mandrel and roller cover with plastic wrap to prevent it from drying out.
- The machine works better if the operator moves at a slow constant pace for nice even edges.
- Releasing the control lever about two feet from the end of the line creates a crisp edge without puddling.



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### CLEANING PROCEDURE

1. When you are finished striping, open the trough and then roll the machine forward with the roller contacting a dry painted line to transfer any excess paint out of the roller cover.
2. Remove the end of the paint hose from the paint can tube. Keep the hose upright to avoid dripping paint.
3. Squeeze the paint hose out through the side of the trough eye bolt. Remove the paint hose, mandrel tube, mandrel, and roller cover from the machine.
4. Set the mandrel tube and paint can tube aside for cleaning.
5. Remove one knurled nut and regulating disc from the mandrel and then slide the roller cover off and discard it. Remove the second knurled nut and regulating disc from the mandrel. Discard the regulating discs and the paint hose.
6. Clean the mandrel, knurled nuts, mandrel tube, and paint can tube with water or solvent, for future use.  
**\*DO NOT THROW AWAY THE MANDREL, KNURLED NUTS, PAINT CAN TUBE, OR MANDREL TUBE AS THESE ARE PERMANENT PARTS OF THE MACHINE.**

**NOTE:** Always use a solvent recommended by the paint manufacturer. **DO NOT** use petroleum base cleaners or thinners with water based paint, as they will react with the paint. This will make it difficult to clean the parts.

7. Apply a light coat of spray oil to all moving parts.

### TROUBLESHOOTING GUIDE

| PROBLEM   | REMEDY  |
|---|---|
| Paint not getting to the roller or too little paint getting to roller.      | <ol style="list-style-type: none"><li>1. Make sure the trough is closed.</li><li>2. Check the paint hose for a kink. If the hose is kinked, open the trough and rotate the hose to unkink it. Replace the hose if necessary.</li><li>3. Check that the pump drive wheel is contacting rear wheel when the control lever is pulled. If it is not, adjust the cable at the frame.</li><li>4. Check that all pump rollers spin freely. If not clean the rollers of debris or paint, and lubricate them with a light oil.</li><li>5. Check to see if your paint is "Set Fast" or "Fast Dry". <b>These paints are not recommended and require thinning, which may cause the paint to dry slower, or may diminish the overall line quality.</b></li></ol> |
| Painted line is solid on one side, but light or skipping on the other side. | <ol style="list-style-type: none"><li>1. Check that the mandrel moves up and down freely in the J-Yoke and is not binding. Adjust the J-Yokes if needed. Clean any debris or paint off of the J-Yokes.</li><li>2. If the mandrel is riding up on the mandrel carrier sides, grease the mandrel tube end and O-Ring with a light oil.</li></ol>  |
| Painted line has heavy ridges on edges or excessive paint.                  | <ol style="list-style-type: none"><li>1. Make sure that you are using the proper regulating discs.</li><li>2. Periodically release the control lever every few feet during striping to avoid oversaturating the roller cover.</li></ol>   |
| Paint line skips across width of roller.                                    | <ol style="list-style-type: none"><li>1. Make sure that the mandrel and roller cover are rolling freely. If not, lubricate the O-Ring end of mandrel tube and the mandrel tube O-Ring.</li></ol>  |

**Your machine is designed to be simple and safe to operate.**

**If you have any questions during setup, painting or cleaning, please call us! 1-800-624-6706**



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## PARTS LIST

| <u>Item Number</u> | <u>Description</u>   | <u>Part Number</u> |
|--------------------|--|--------------------|
| 1                  | Paint Can Tube   | 10000665           |
| 2                  | Paint Hose (5-Pack)  | 10002496           |
| 3                  | Mandrel Tube Assembly  | 10003864           |
| 4                  | O-Ring, 3/8" ID X 1/32" Thick  | 10000027           |
| 5                  | Knurled Nut (2 Required)   | 10000646           |
| 6                  | Mandrel  | 10000643           |
| 7                  | Trough Assembly  | 10000652           |
| 8                  | Trough Lock Pin Kit  | 10000671           |
| 9                  | Pump Rotor Assembly  | 10000654           |
| 10                 | Tire, Pump Drive (Not Shown)   | 10000650           |
| 11                 | Control Cable  | 10002519           |
| 12                 | Handle   | 10004852           |
| 13                 | Hand Grip (2 Required)   | 10000967           |
| 14                 | Control Lever  | 10000821           |
| 15                 | Wheel, Front (2 Required)  | 10000753           |
| 16                 | Wheel, Rear (2 Required)   | 10003837           |
| 17                 | Can Hole Punch   | 10000669           |
| 18                 | Actuating Arm Spring   | 10000692           |
| 19                 | Cable Stop   | 10001577           |
| 20                 | Cable Adjuster   | 10000018           |
| 21                 | Roller Carrier with J-Yokes  | 10004024           |
| 22                 | Replaceable J-Yokes  | 10004023           |
| 23                 | Wing Nut (4 Required)  | 10000107           |
| 24                 | Wing Knob (2 Required)   | 10004899           |
| 25                 | <b>3-Pack Replacement Roller Kits include 3 roller covers, paint hoses &amp; 12 discs:</b> |                    |
|                    | • 4" Replacement Roller Kit  | 10004377           |
|                    | • 3" Replacement Roller Kit  | 10004378           |
|                    | • 2" Replacement Roller Kit  | 10004379           |
|                    | <b>12-Pack Replacement Rollers include 12 roller covers &amp; 48 discs:</b>                |                    |
|                    | • 4" Replacement Rollers and discs   | 10000728           |
|                    | • 3" Replacement Rollers and discs   | 10001461           |
|                    | • 2" Replacement Rollers and discs   | 10000729           |
|                    | <b>Optional Left Position Roller Kit</b>   | 10004461           |
|                    | <b>Includes:</b>   |                    |
|                    | Mandrel Tube Assembly, Left Position   | 10003866           |
|                    | Left Position Striping Bracket   | 10003865           |
|                    | 5/16-18 x 3/4" Bolts (2)   | 10001499           |
|                    | 5/16" Flat Washers (4)   | 10000095           |
|                    | 5/16-18 KEPS Nuts (2)  | 10004461           |

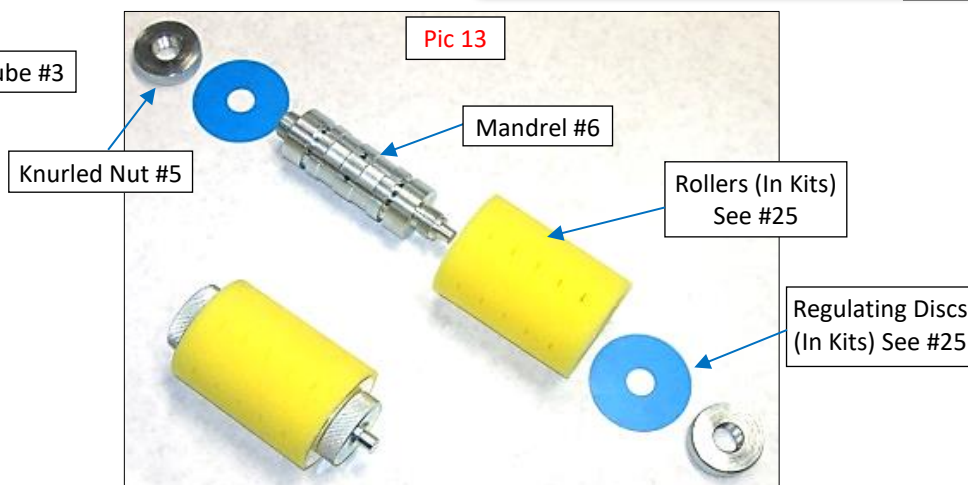
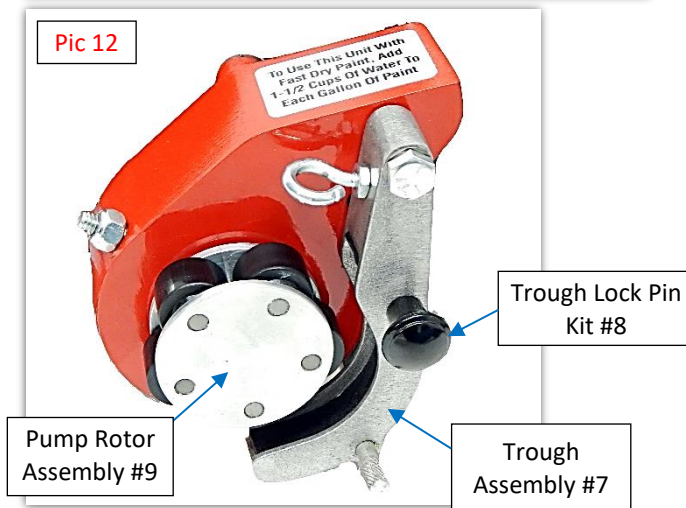
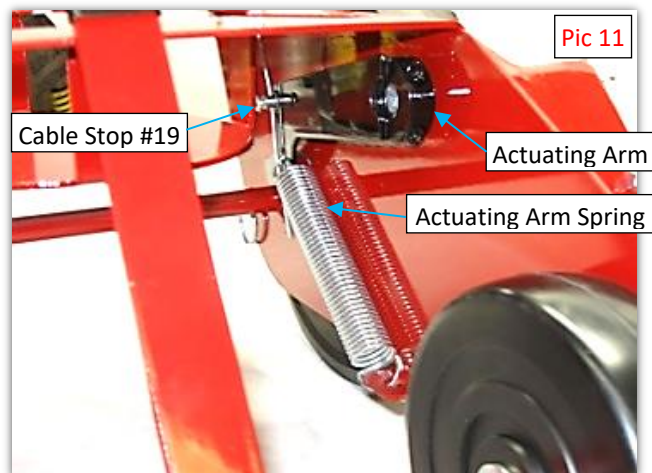




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## PARTS PICTURES



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### THE NEWSTRIPE WARRANTY – 18 MONTH

NEWSTRIPE, INC., WARRANTS TO THE ORIGINAL PURCHASER, FOR 18 (EIGHTEEN) MONTHS AFTER DATE OF PURCHASE, THAT THE EQUIPMENT\* HEREBY SOLD SHALL BE FREE OF DEFECTS IN MATERIALS AND WORKMANSHIP. THIS WARRANTY DOES NOT EXTEND TO ANY DAMAGE OR MALFUNCTION RESULTING FROM MISUSE, NEGLIGENCE, ACCIDENT, IMPROPER OPERATION, OR NORMAL WEAR AND TEAR.

Damage incurred in shipment from Newstripe, Inc. to the customer is the total responsibility of the carrier. The CUSTOMER MUST NOTE DAMAGES on the Bill of Lading of Trucking Company or Railroad; and Newstripe, Inc. will furnish to the customer the cost of parts and labor. The customer can then bill the common carrier for the damages by placing his signature on the documents.

The Newstripe, Inc. obligation under this warranty and any implied warranties is limited to replacement or repair of defective parts of its manufacture without charge for 18 (EIGHTEEN) months from date of purchase. For service under this warranty, buyer shall ship the defective part or parts of the equipment, transportation prepaid, to Newstripe, Inc. together with a written description of any claimed defect and proof of purchase date of the materials being returned. **Prior to retuning any part or machine, the CUSTOMER must obtain a Return Materials Authorization number. Call 1-800-624-6706. To review the complete guidelines for warranty and returns, please visit [www.newstripe.com/guidlinesforwarrantyandreturn](http://www.newstripe.com/guidlinesforwarrantyandreturn).**

**\*Gasoline engines, compressors, pumps (including airless) and Transaxles are furnished with their respective manufacturer's warranties only. Such components are not covered by any warranty of Newstripe, Inc. Where Newstripe elects to extend manufacturers' warranties, the warranty shall be pro-rated as to cover 100% of the cost to replace or repair materials and parts for the first 12 months of ownership and 60% for the remaining 6 month period.**

The responsibilities described above are the only responsibilities of Newstripe, Inc. under this written warranty or any implied warranty, and may be exercised only within 18 (EIGHTEEN) months from the date of purchase. In no event shall Newstripe, Inc. be liable for incidental or consequential damages and no person had any authority to bind it to any representation or warranty, not be responsible for work done, materials furnished or repairs made by others without its' specific written authorization.

THIS WARRANTY SHALL BE IN LIEU OF ANY AND ALL OTHER WARRANTIES, EXPRESSED OR IMPLIED, INCLUDING ANY WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE, AND THERE IS NO OTHER REPRESENTATION OR WARRANTY OF ANY KIND WITH RESPECT TO THE GOODS SOLD HEREBY EXCEPT AS SET FORTH HEREIN. IT IS EXPRESSLY AGREED THAT THIS WARRANTY SHALL BE LIMITED TO THE ADJUSTMENT, REPAIR OR REPLACEMENT OF PARTS AND THE LABOR AND SERVICES REQUIRED THEREBY. IN NO EVENT, INCLUDING ANY CLAIM FOR NEGLIGENCE, SHALL NEWSTRIPE, INC. BE LIABLE FOR INCIDENTAL OR CONSEQUENTIAL DAMAGES.

Sincerely,  
Newstripe, Inc



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