



Tru Mark Athletic Field Marker

Paint Mule

**Tru Mark Athletic Field Marker
PO Box 706
Norfolk, NE 68702-0706
(800) 553-6275
www.AthleticFieldMarker.com**

Paint Mule

Table of Contents

I. PRECAUTIONS.....	2
II. PREPARING TO MIX PAINT	3
Valve/Hose Operation.....	3
III. MAINTENANCE	3
Cleaning.....	4
Storage.....	4
IV. TRAVEL/CHARGING.....	4
V. TROUBLE SHOOTING	5
VI. PARTS LIST	5
WARRANTY	6

I. PRECAUTIONS



- **DO NOT USE ON SLOPES OR IN ANY AREA WHERE STABILITY OR TRACTION IS IN DOUBT.**



- **TRAILER LOADING PROCEDURES:**
- **BACK RS-500 ONTO TRAILER, DO NOT DRIVE FORWARD ONTO TRAILER.**
- **TANKS ON RS-500 MUST BE EMPTY BEFORE LOADING TO TRAILER.**


- SEE ASSEMBLY INSTRUCTIONS BEFORE REMOVING THE TRU MARK PAINT MULE FROM THE SHIPPING CRATE.
- USE ONLY WATER BASED LATEX FIELD MARKING PAINTS. DO NOT USE FLAMMABLE LIQUIDS, OIL BASED OR RUBBER BASED PAINTS.
- RINSE THE SYSTEM THOROUGHLY WITH CLEAN WATER AFTER EACH USE TO INSURE THAT THERE IS NO PAINT RESIDUE REMAINING IN THE TANK, THE PUMP, OR THE LINES.
- MIX PAINT THOROUGHLY TO AVOID POTENTIAL OF CLOGGING AT INLET SCREEN.

After receiving your TRU MARK Pain Mule, remove everything from the shipping crate. Inspect all pieces to ensure no damage had occurred during shipping. Once inspection is complete, the machine can be prepared for use.

II. PREPARING TO MIX PAINT


The Paint Mule is now ready to fill with paint. Most field paints are concentrated and require thinning at a 2:1 ratio. This is just a suggested ratio. Refer to any manufacturer's recommendations. This could change depending on the quality of paint used or quality of paint lines desired. Higher quality paints may require a 4:1 ratio of water to paint. The following is an example of how to mix a 2:1 ratio paint mixture.

1. Mix by filling the Wide Mouth Mixing Jug with concentrate to the 1-1/2 gallon mark, and filling to the 2-1/2 gallon mark with water.
2. Close the lid tightly, shake vigorously, and pour into the poly tank.
3. Fill the mixing jug again with only water to the 2-gallon mark and pour into the poly tank.
4. This procedure provides 4-1/2 gallons of field paint with a 2:1 mixture.
5. Repeat until both tanks are full.

 **IMPORTANT:** Additional agitation provides better dilution of the mixture. Failure to follow this procedure results in plugging of the inlet screen on the pickup tube. The thickness or viscosity of paint may affect the flow of paint and nozzle pressure.

Valve/Hose Operation

The valves feed the supply hose. Each of the four valves, operate the flow of its corresponding tank, ON or OFF.

 If all four gate valves are closed the power to the pump should be off.

III. MAINTENANCE

Proper maintenance of this equipment will maintain its efficient performance and prolong the life of all elements of operation.

Cleaning



IMPORTANT: The single most important item to emphasize in maintaining this Paint Mule is the cleaning of the unit after each use.

1. Drain unused field paint into a separate container from the poly tanks on the Mule and rinse thoroughly with water. Each tank is equipped with a drain located on the bottom of each tank.
2. Fill the poly tanks with clean water and flush the entire system until the discharged water runs clear from the supply hose.

Storage

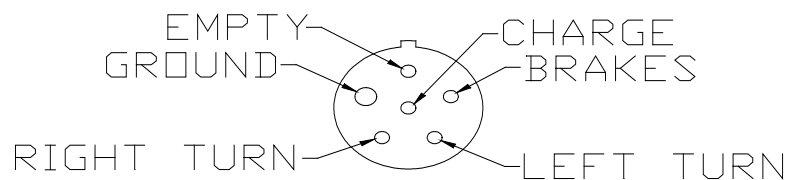
If the Mule is to be stored out of season, it is recommended the battery be removed, charged and stored.

1. Remove battery
2. Perform battery service.
3. Bring battery to full charge, if required.
4. Store battery in an area away from the Rider on a wood surface. **Do not store the battery on a concrete surface,** as concrete will accelerate the discharge of a battery.

IV. TRAVEL/CHARGING

When traveling, attach the five around one light plug to the tow-vehicle. This runs the brake lights on the trailer and recharges the battery using the tow-vehicle charging system.

If a recharge is needed away from the tow-vehicle, remove the positive and negative leads on the battery and recharge using a standard 12V battery charger.



V. TROUBLE SHOOTING

PROBLEM	PROBABLE CAUSE	CORRECTIVE ACTION
Low Pressure at Spray Head	<ol style="list-style-type: none"> 1. Low voltage. 2. Plugged inlet screen on pickup tube. 3. Plugged nozzle tips or screens. 4. Paint mixture too thick. 	<ol style="list-style-type: none"> 1. Set engine speed to "FAST" position. 2. Unscrew tank lid and clean any solids from inlet screen (mix paint well to avoid this.) 3. Remove nozzle tips and check valve screens, brush and rinse residue and replace. 4. Increase water to paint ratio and mix.
Hot pump Motor Paint Leaking from the pump head	<ol style="list-style-type: none"> 1. Plugged return line 	<ol style="list-style-type: none"> 1. Clean holes in restriction plug.
Pump Will Not Operate	<ol style="list-style-type: none"> 2. Low voltage. 3. Blown fuse. 4. Pump is plugged with dried paint. 	<ol style="list-style-type: none"> 2. Set engine speed to "FAST" position. 3. Check pump inline fuse and replace if necessary. 4. Remove and return to factory for repair or replacement.

VI. PARTS LIST

(Prices on request)

DESCRIPTION	PART NO.	QTY.REQ'D.
<u>Tank Components</u>		
20 Gallon Poly Tank	500-929-0003	4
Intake Screen	100-919-005	4
Restriction Plug	100-910-009	4
Tank Strap	90050-100-0004	8
<u>System Components</u>		
Pump	050-252-0525	1
Gate Valve	90099-100-0032	4
Toggle Switch	100-149-002	1
15A 12v fuse	100-149-004	1

TRU MARK

Paint Mule

WARRANTY

eSelling4u.com, Inc., the manufacturer of your TRU MARK Athletic Field Marker, warrants this product for 2 years from the date of shipment for any defects in material or workmanship.

Registration of your unit is not necessary since records of purchase dates and owners are maintained at the factory.

Should you have a warranty claim, call 1-800-553-6275 for instructions on return of goods for repair or replacement. Please have your unit's serial number from the front page of the owner's manual ready when calling. The serial number is located on the front of the toolbox.