



THANK YOU



Thank you for selecting EarthWay for your spreader needs. Our production team in Northern Indiana takes pride in building this spreader. Our customer support team is standing ready to ensure your success. Please contact us at www.EarthWay.com to see our full line of commercial, lawn & garden tools.

HELPFUL HINTS

- ☑ Read the directions before assembly.
- ☑ Always wear protective clothing, eye wear, and dust mask to prevent contact with chemicals and other materials being applied with this machine.
- ☑ Remove any material in the hopper before lifting or detaching this machine from the vehicle.
- ☑ Care must be taken when lifting this machine so as not to cause personal injury or equipment damage. Never attempt to install this machine to the vehicle alone. Recruit the help of someone to assist when attaching and detaching this machine from the vehicle.
- ☑ Refer to the material packaging for precautionary measures required when handling material to be applied.
- ☑ Before attaching this machine, consideration must be given to the load capacity of the vehicle. Refer to the owner's manual of the vehicle for rated load capacity. Be sure to take into account the weight of this machine is 30lbs. and the weight of the material to be placed into the hopper when calculating the total load.



WARNING



KEEP HANDS AWAY FROM ANY SPINNING OBJECT, SHUT-OFF PLATE, SHUT-OFF MECHANISM LINKAGE, AND THE INSIDE OF THE HOPPER, EXTREME INJURY CAN OCCUR.

HOW TO OPERATE SAFELY:

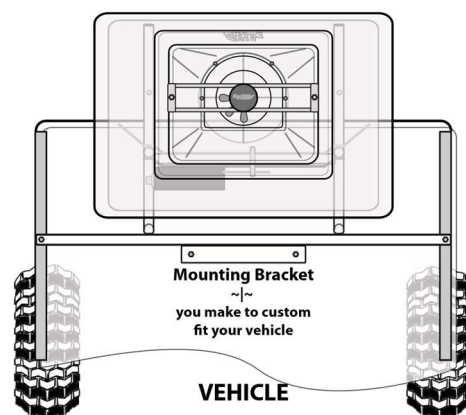
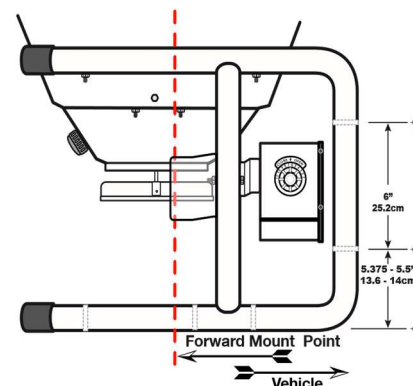
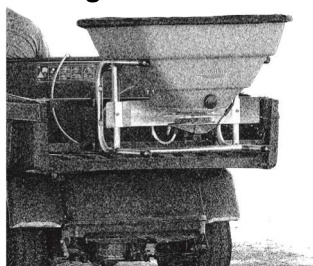
- Read, understand, and follow all product label information provided on the material being applied.
- The Setting Rate is adjusted on the ECM on the rear of the spreader see page 4 for details.

MOUNTING INSTRUCTIONS:

Position the M80 on the vehicle so that the vertical center frame brace is positioned at the edge of the vehicle, this will allow a full 180 degree spread pattern.

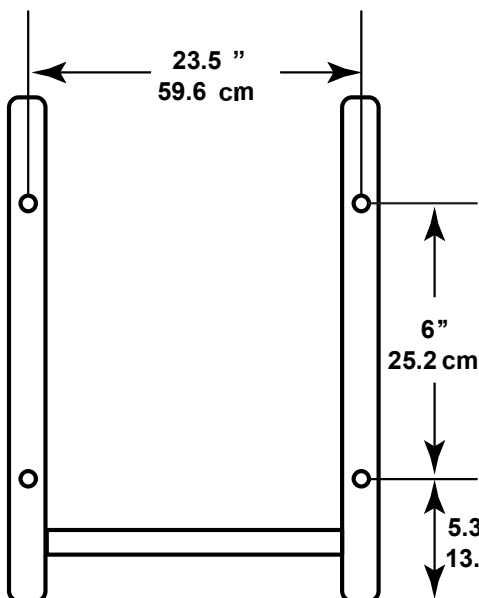
Shown in photo is a cross-bed mounting frame.

Connect only the black wire (ground) to the negative (-) post on the battery. Connect the other wire (marked as Positive) to the positive (+) post on the battery



CALIBRATION INSTRUCTIONS:

- Loosen set-screw on Calibration Bracket
- Set adjustment dial to "0" Closed
- Activate switch to extend to the "STOP"
- Slide Calibration Bracket to ensure shut-off is closed
- Calibration is now complete



Bed Rail
mounting points

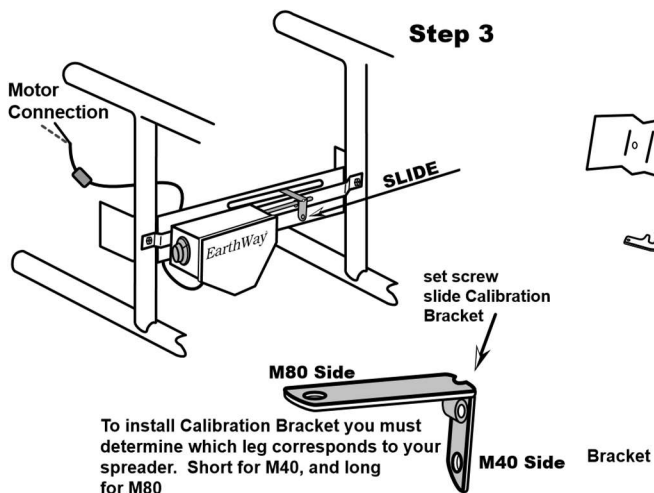
M80

The mount will vary based on bed width & height

Inside Bed
mounting points

5.375 - 5.5"
13.6 - 14 cm

M80 Frame Detail



To Calculate RATE SETTINGS:

Step 1: Determine how much material is to be applied per 1,000 sq./ft.

Step 2: Measure off 50 feet, preferably on a paved surface such as a parking lot.

Step 3: Weigh out enough of the material to be applied to fill the hopper at least half full. Record the weight for future use

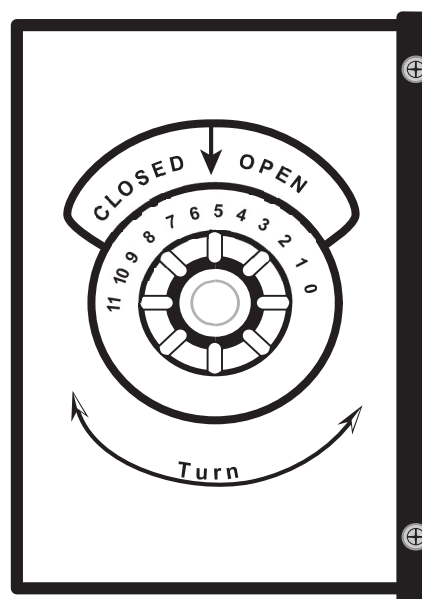
Step 4: With the unit mounted on the vehicle and the hopper at least half full of the material to be spread, position the vehicle far enough before the beginning of the 50-foot test area so that the vehicle will achieve the desired speed before you reach the starting line.

Step 5: Select the Setting Rate position that you feel would be an appropriate setting on the ECM Module from 1 to 11.

IMPORTANT - only make Rate Adjustments with the shut-off in the CLOSED POSITION

ECM Rate Adjustment

1. Start the vehicle in motion and as you cross the starting line (of the 50 feet) move the rate lever to the open position against the stop. Take care to be aware of what is going on around you maintaining control of the vehicle.
2. Continue from the starting line with the unit spreading the material. As you cross the finish line move the rate lever to the closed position.
3. Stop the vehicle and note the width of the spread path that was just completed.
4. Return to the start point and empty the remaining material from the hopper into your weighing container and re-weigh.



OPERATING INSTRUCTIONS

Before filling hopper, become familiar with the operation of this spreader.

(Practice the following steps)

- ☑ Turn the motor switch to the “ON” POSITION, so that the impeller is turning before going on to the next step.
- ☑ While driving forward turn the ECM Control switch (wide top switch) to the “ON” POSITION, this opens the shut off plate on the spreader.
- ☑ To stop the flow of material, turn the ECM Control switch to the “OFF” POSITION, then turn the motor off when finished.
- ☑ When finished empty any remaining material from hopper.
- ☑ Thoroughly wash spreader and allow to dry before storing. Lubricate all moving parts with a graphite or silicon spray.

CUSTOMER SERVICE

SUPPORT@EARTHWAY.COM | www.EARTHWAY.com | 1009 Maple Street, Bristol, IN 46507

ONE YEAR WARRANTY

EarthWay Products, Inc. warrants this product free of defects in original workmanship and materials for a period of one year to the end user with the original purchase receipt. If a manufacturing non-conformance is found, EarthWay Products, Inc. at its discretion will repair or replace the part(s)/product at no charge provided the failure is not the result of incorrect installation, mishandling, misuse, tampering, or normal wear and tear as determined by EarthWay.

EarthWay at its discretion may require that the part(s) or product be returned along with the original purchase receipt for examination and compliance with the terms of this warranty. Do not return any product without first receiving authorization from EarthWay Products, Inc.

To seek remedy under this warranty, contact EarthWay Products, Inc. at support@earthway.com or write to EarthWay Products, Inc. 1009 Maple Street, Bristol, IN 46507 and describe the nature of the manufacturing defect. SPECIFIC LIMITATIONS: This warranty covers only the part(s) or product; any labor charges associated with repair or replacement of non-conformances are specifically excluded. Due to the corrosive nature of most fertilizers and ice melt products, EarthWay Products, Inc. makes no warranty against and specifically excludes part(s) or product degradation or failure due to corrosion or its effects.



EC DECLARATION OF CONFORMITY

(Machinery Directive & Electromagnetic Compatibility Directives)

Herewith we declare that the machinery described below is in accordance with the relevant health and safety requirements of the EC Council Directives concerned with Machinery and Electromagnetic Compatibility. No alterations are to be made to the machine without prior consultation and approval of Earthway Products, Inc. otherwise the Declaration may become invalid. This equipment must be commissioned, used, and maintained strictly in accordance with the operating and maintenance instructions issued with the machine. Operators must be trained in accordance with the recommendations given in the operating and maintenance instructions issued with the machine.

Description of Machine: **EarthWay® M80 12-volt Broadcast Spreader**

TURF DEPOT 800-305-9255 or earthway@turfdepot.com



M80ECM Parts List

SERIES	PART #	DESCRIPTION	SERIES	PART #	DESCRIPTION
1	11926	SHUTOFF SUPPOR- SMALL	18	36300	¼ - 20 NYLON INSERT LOCK S.S.
2	11927	SHUTOFF SUPPORT- LARGE	19	36305	¼ - 20 HEX NUT STAINLESS STEEL
3	12109	IMPELLER (9" DIA)	20	36400	5/8" OD. X 9/32" ID WASHER S.S.
4	12209	HOPPER BUSHING (C24/C25)	21	41260	ACTUATOR MODULE MOUNTING BRACKET (M80ECM)
5	12278	SHUT OFF PLATE ASSEMBLY	22	41277	CONTROL ROD (M40ECM)
6	12364	MODIFIED MOTOR CAP	23	42293	REAR DEFLECTOR (M80ECM)
7	12311	MOTOR CAP	24	53226	HOPPER LABEL
8	12315	SQUARE SCREEN	25	60145	CALIBRATING BRACKET ASSEMBLY
9	19168	1 ¼ TUBE CAP	26	60327	MOTOR SUPPORT ASSEMBLY
10	19170	DRAIN PORT CAP 2" 2OC	27	60409	HOPPER ASSEMBLY (M80)
11	31155	SCREW #6-32 X 3/4 PHIL-PNHD SS	28	60472	CONTROL PENDANT (ECM)
12	31138	#8 X 3/8" PMT #8 HD	29	60482	MOTOR ASSEMBLY (ECM SERIES)
13	70179	MOTOR 12V 19:1 HELICAL PINION	30	60543	FRAME ASSEMBLY (M80ECM)
14	36101	HAIR PIN CLIP S.S.	31	77032	STRAIN RELIEF
15	36209	1/4 -20 X 1 ¾ "HHCS S.S	32	77053	HEAVY DUTY RAIN COVER
16	36210	¼ -20 X 1" HHMS S.S	33	77059	ACTUATOR ASSEMBLY
17	36223	#6 X ½ "TYPE "A" PHPS S.S			