

**EARTHWAY**

Precision Garden Seeder

MODEL # 1001-B

ASSEMBLY INSTRUCTIONS



**OWNER'S MANUAL**

#### REAR WHEEL

**STEP 1:** Lower Kick stand at front to hold planter upright.

**STEP 2:** Remove nut, bolt, and axle from frame.

**STEP 3:** Insert axle through Rear wheel, then place the wheel between frame, and line up with holes in end of frame.

**STEP 4:** Reinstall bolt and nut and tighten.



#### HANDLE

**STEP 1:** Remove nuts and bolts from bag. (These are special lock nuts. A wrench will be required to remove and install them).

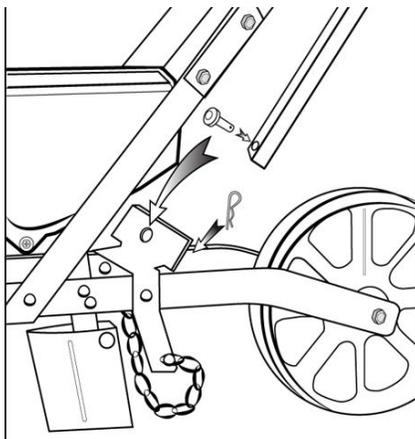
**STEP 2:** Bolt handle in place using bolt & nut



#### ROW MARKER

**STEP 1:** Place row marker shaft in front of row marker bracket and line up holes

**STEP 2:** Insert clevis pin through row marker shaft and row marker bracket and insert hair pin clip through clevis pin. When not in use, strap the row marker shaft to the handle with the Velcro strap.



- 1) Place Velcro behind the row marker with the Earthway logo to the right in the upright direction
- 2) Insert Velcro through the buckle and pull tight-secure Velcro together

# OPERATING INSTRUCTIONS

To install the desired seed plate, hold the seed plate at an angle with the bottom against the straight wall in the seed hopper. Line up the slots against the inside of the seed hopper and rotate it approximately ½” in the “ON” direction as indicated by the arrow on top of the hopper until the cam action locks the seed plate in place on the hub. Do not force. OFF or ON directions are also indicated on the seed plates.

**STEP 1:** Prepare seedbed of garden by tilling soil to a depth of 6 or more inches.

**STEP 2:** To remove a seed plate, hold plate stationary while rotating PULLEY in direction of “OFF” on plate. push seed plate off white hub by placing your finger through the hole just above the Pulley.

**STEP 3:** Utilize the SEED PLATE GUIDE to identify the closest spacing and seed size to your chosen seed. if more distance is desired between seeds, cover every other seed plate hole as required with tape or fill with bee’s wax.

**STEP 4:** Pour seeds in the seed hopper. **CAUTION:** Do not fill the hopper above the center of the seed plate. NOTE: All the seed, especially small seed, will not be picked up by the plates leaving a small amount in the hopper. Tilt the seeder to the right as you move down the row to help remove most of the seed if required.

**STEP 5:** Next set the adjustable planting depth with the wedge-shaped Ground Opener located directly under the hopper. NOTE: There are graduations in both inches and millimeters on the front angles of the Seed Chute. Move Ground Opener until top edge is in line with the desired planting depth. Retighten wing nut after adjustment is made. Check the depth by moving the seeder forward a few inches in soft soil, readjust if necessary.

**STEP 6:** Mark out the first row with string and stakes. Lower the Row Marker Shaft and adjust the Row Marker to the proper width for the next row. Lift the kick stand over the Front Wheel. Be sure the Cover Chain follows behind the Ground Opener. You are now ready to plant.

**STEP 7:** To empty any remaining seeds, lower the kick stand and tip the seeder forward until all seeds are removed. NOTE: When changing seed plates, be sure the seed hopper is completely empty.

**NOTICE: KEEP YOUR HOPPER CLEAN AND FREE FROM DUST, SAND, DIRT, AND SEED TREATING MATERIALS.**

## MAINTENANCE:

You will find one seed plate in place in the hopper, the rest in the box.

1. Any accumulation of dust, dirt, or residue from chemically treated seeds in the seed hopper should be wiped out with a cloth after each use. A buildup of dirt may cause the seed plate to stick and seeds to pop out
2. Under certain conditions static electricity may build up on the seed hopper and interfere with planting of fine seeds. If this situation should occur, wash the seed hopper and seed plate with mild dish washing detergent, and allow to dry.

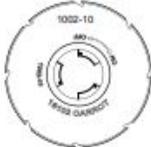
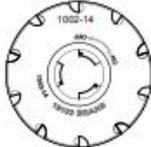
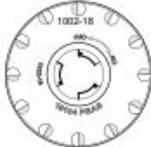
# SEED PLATE GUIDE

This is a list of all the seed plates currently produced for the 1001-B Precision Garden Seeder.

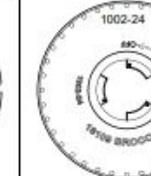
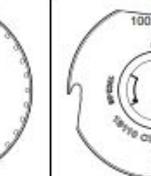
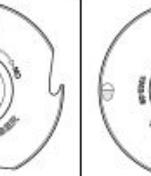
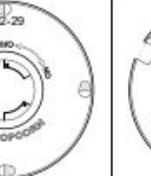
## Information:

The Precision Garden Seeder chassis travels 36"/91.4cm for every revolution of the seed plate. Custom seed spacings can be achieved by utilizing the blank seed plate (60010 kit) to fit other planting spacing and seed sizes. Smaller seeds will stick together due to humid conditions. Dip the plate in soapy water and let dry or utilize an 3rd party seed powder (Seed SLIK - slipplate.com) to prevent your seeds from sticking together.

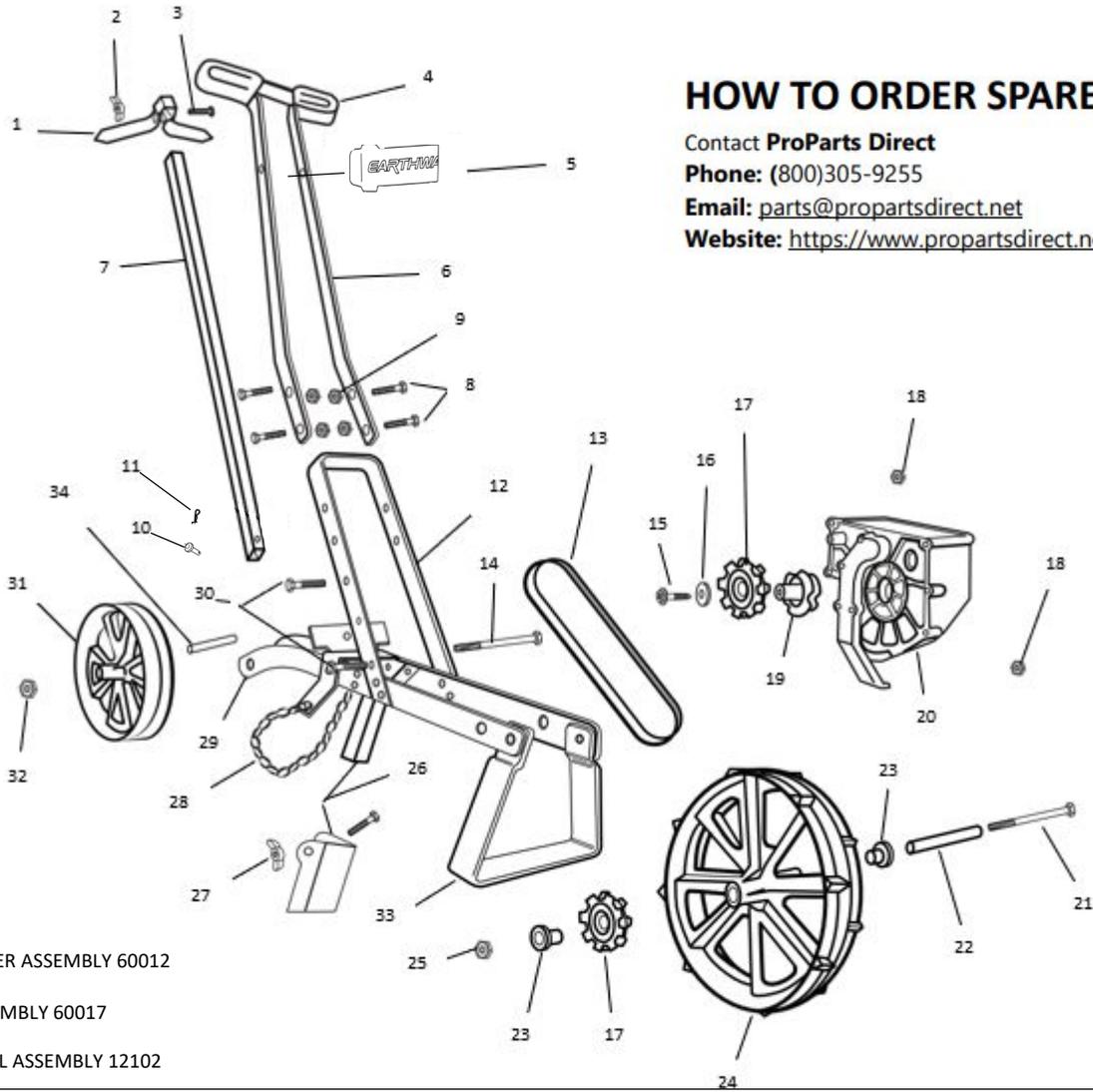
## 60009 STANDARD SEED PLATE KIT

						
<b>18100 Sweet Corn</b>	<b>18101 Radish</b>	<b>18102 Carrot</b>	<b>18103 Beans</b>	<b>18104 Peas</b>	<b>18105 Beet</b>	<b>18111 Hemp</b>
7.2" Spacing/18.3cm	3" Spacing/7.6cm	4.5" Spacing/11.4cm	3.6" Spacing/9.1cm	3" Spacing/7.6cm	3.6" Spacing/9.1cm	36" Spacing/91.4 cm
Will plant most varieties of sweet corn as well as some other larger seed types 0.375"/9.5mm.	Will plant some leek, asparagus, spinach and other fine seeds 0.175"/4.4mm.	Will plant some lettuce, turnip, endive, cabbage, onions, tomatoes, and other fine seeds 0.125"/3.2mm.	Will plant some small peas 0.450"/11.4mm.	Will plant some Jumbo and Early June Peas 0.562"/14.3mm.	Will plant some Okra, Swiss Chard, and other medium seeds 0.250"/6.3mm.	Will plant various types of hemp seed 0.170"/4.3mm.

## 60010 OPTIONAL SEED PLATE KIT

					
<b>18108 Light Carrot</b>	<b>18109 Broccoli</b>	<b>18110 Cucumber</b>	<b>18112 Popcorn</b>	<b>18124 Lima Bean</b>	<b>18106 Blank Plate</b>
4.5" Spacing/11.4cm	1" Spacing/2.5cm	9" Spacing/22.9cm	9" Spacing/22.9cm	12" Spacing/30.5cm	
Will plant light lettuce, turnip, rutabaga, light cabbage, mustard, kale, and other fine seeds 0.150"/3.8mm.	Will plant mustard, cabbage, cauliflower, turnip, rutabaga, and other fine seeds 0.100"/2.5mm.	Will plant some pumpkin, gourds, squash, and other flat seeds 0.312"/8mm.	Will plant medium sized seeds of a size less than 0.250"/6.3mm.	Will plant peanuts and other large seeds 0.625"/15.9mm.	The blank seed plate allows you to make a custom seed plate with spacing and seed size that you determine.

# PARTS



## HOW TO ORDER SPARE PARTS

Contact **ProParts Direct**

**Phone:** (800)305-9255

**Email:** [parts@propartsdirect.net](mailto:parts@propartsdirect.net)

**Website:** <https://www.propartsdirect.net/>

^ ROW MARKER ASSEMBLY 60012

\*HOPPER ASSEMBLY 60017

#FRONT WHEEL ASSEMBLY 12102

KEY #	PART #	DESCRIPTION	KEY #	PART #	DESCRIPTION
1	41228	ROW MARKER	18	32100	¼-20 HEX NUT
2	32107 ^	WING NUT	19	PART OF	HOPPER ASSEMBLY
3	37100^	¼-20X1" CARRIAGE BOLT	20	60017	HOPPER ASSEMBLY
4	19110	SEEDER GRIP	21	31102	5/16-18X4 1/4
5	70223	VELCRO ADJUSTABLE STRAP	22	23500#	AXLE
6	60011	HANDLE ASSEMBLY	23	12132#	BEARING
7	22606^	ROW MARKER SHAFT	24	12102#	FRONT WHEEL ASSEMBLY
8	31101	¼-20X3/4 BOLT	25	32102	5/16-18
9	32103	¼-20 LOCKNUT	26	60016	GROUND OPENER AND SEED CHUTE
10	12133	CLEVIS PIN	27	32107	WING NUT
11	36102	BOW TIE CLIP	28	70104	#6 SING JACK CHAIN
12	41240	UPPER FRAME	29	41241	LOWER FRAME
13	19109	SEEDER BELT	30	31100	¼-20X1 1/2
14	31102	5/16-18X4 ¼	31	12101	REAR WHEEL
15	31148*	#10 X1	32	32102	5/16-18
16	43024*	HUB WASHER	33	41222	KICKSTAND
17	12131*	PULLEY	34	23500	AXLE

## CUSTOMER SERVICE

[SUPPORT@EARTHWAY.COM](mailto:SUPPORT@EARTHWAY.COM)

1009 MAPLE STREET, BRISTOL, IN 46507

574-848-7491

## **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](mailto: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 the 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 failures due to corrosion or its effects.

# OPTIONAL 1600 SIDE-DRESS FERTILIZER ATTACHMENT

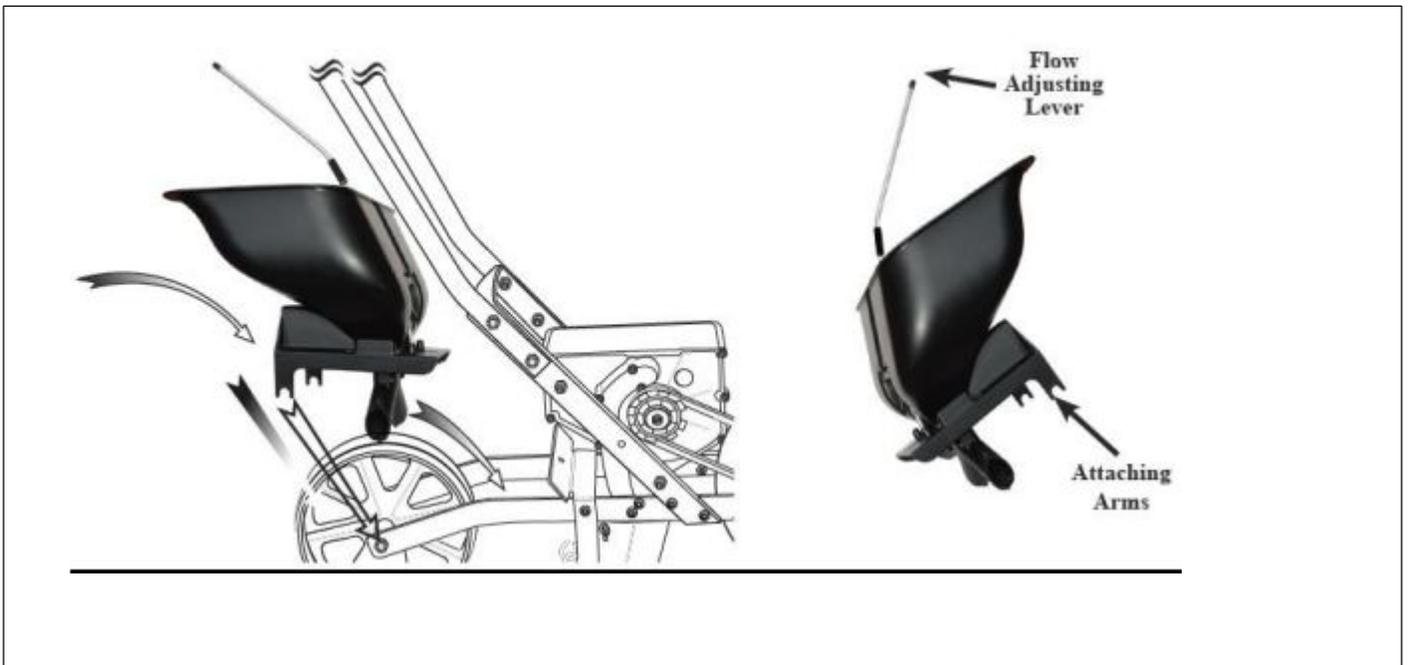
OPTIONAL ACCESSORY: Can be used with row marker in place

## ATTACHING:

Slide the 1600 behind the handle and in front of the rear wheel, between the frame and lock the attaching arms over the rear wheel mounting bolt & nut.

## OPERATING INSTRUCTIONS:

Calibrated slide plate allows precise flow rates of all granulated fertilizers. Fertilizer can be applied on both sides of the planting furrow. Four position positive action ON/OFF handle helps eliminate waste. Made from durable weather resistant materials for years of dependable use.



PART #	DESCRIPTION	QTY	PART#	DESCRIPTION	QTY
31133	#8X 3/4 PHPS A	2	12117	HOPPER ASSEMBLY	1
31138	#8X3/8 PMT#8 HD COARSE BLACK	2	36233	1/4-20X1/2 PHPS	4
36223	#6X1/2" TYPE A	2	36308	1/4-20 LOCK NUT W/EXT LW	4
41215	CONTROL ROD	1	60033	HOPPER SUPPORT	1
41216	CONTROL ROD EXTENSION	1	70142	NUT PROTECTOR	1