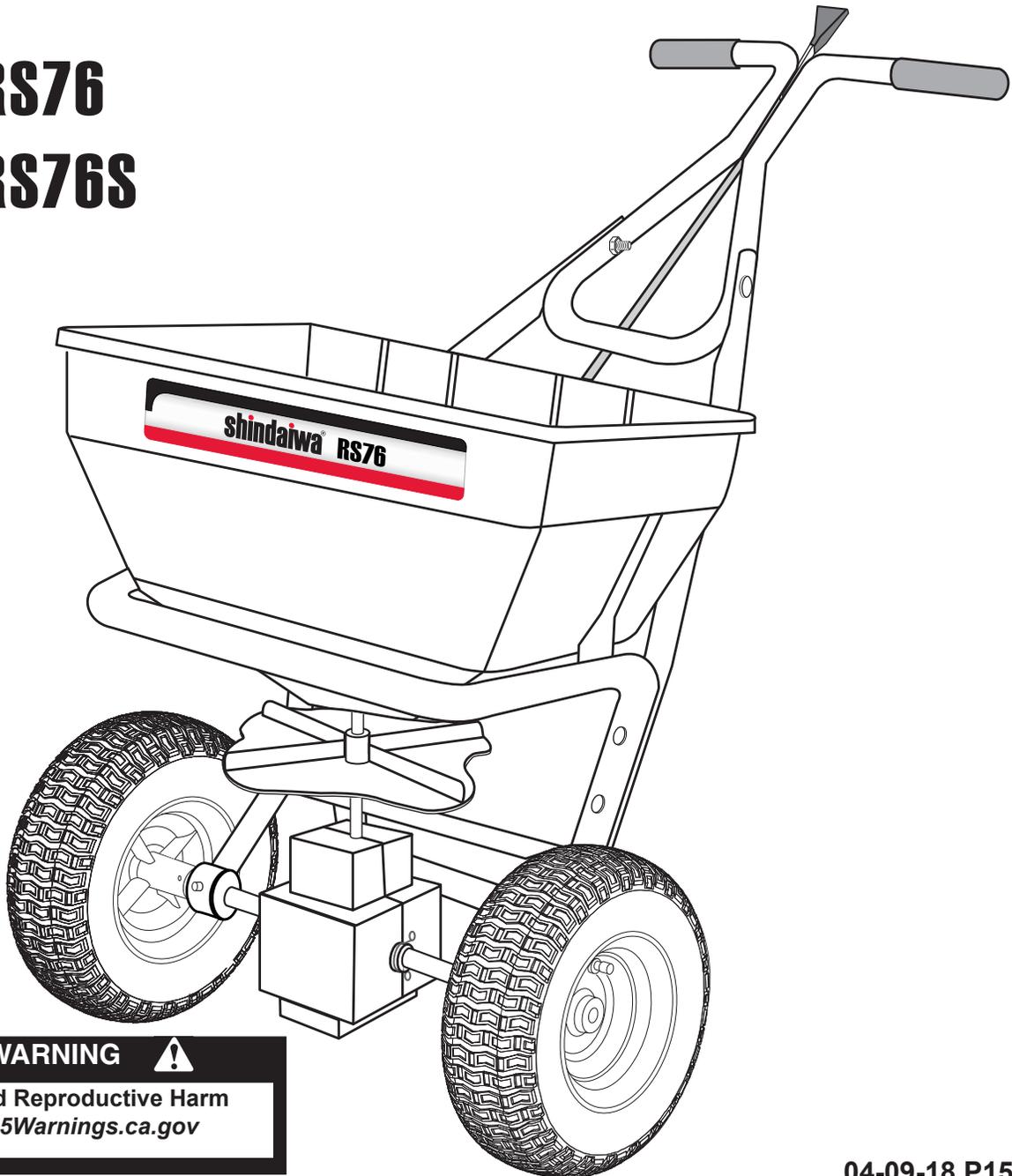


shindaiwa®

COMMERCIAL BROADCAST SPREADER

Model RS76

Model RS76S



WARNING



Cancer and Reproductive Harm
www.P65Warnings.ca.gov

04-09-18 P15525-1

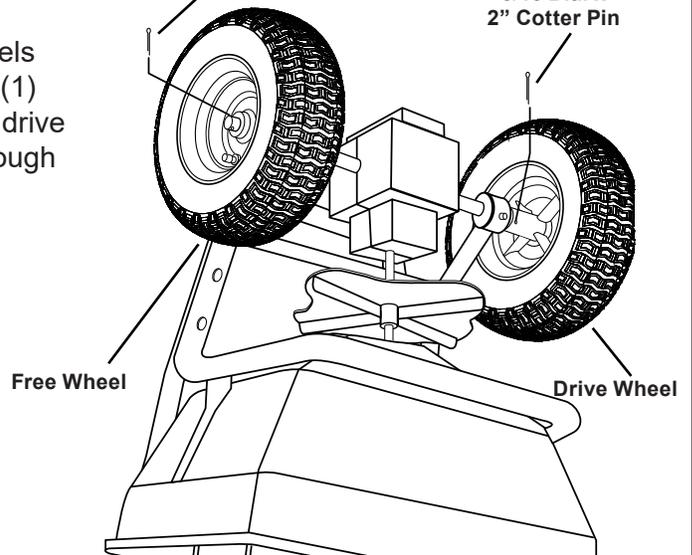
Owner's Manual

ASSEMBLY INSTRUCTIONS

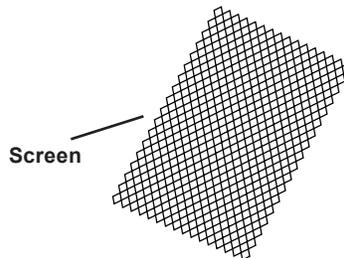
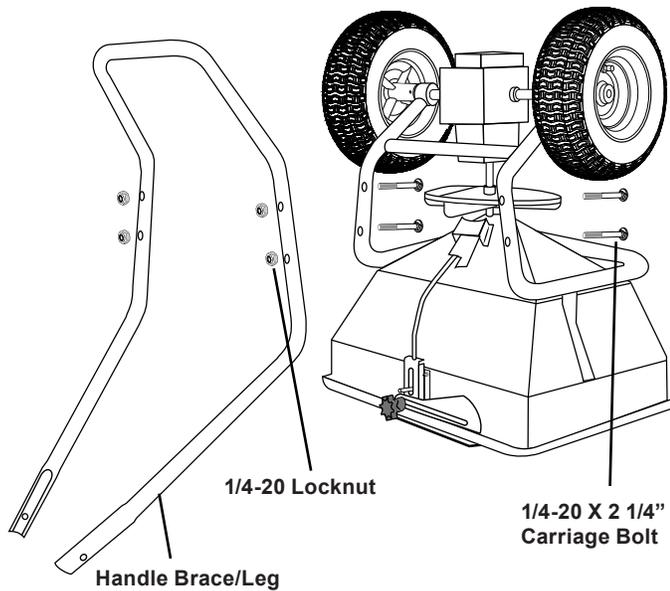
1. Remove the spreader and components from carton and place hopper up-side down on a padded surface as shown. Slide drive and free wheel onto axle as shown with the longer portion of wheel hub facing the frame. Both wheels are identical to ease assembly. Secure free wheel with (1) 1/8 dia. x 1 1/4" cotter pin through the axle only. Attach drive wheel to axle with (1) 3/16 dia. x 2" cotter pin going through the wheel hub and the axle.

1/8 Dia. x
1 1/4" Cotter Pin

3/16 Dia. x
2" Cotter Pin

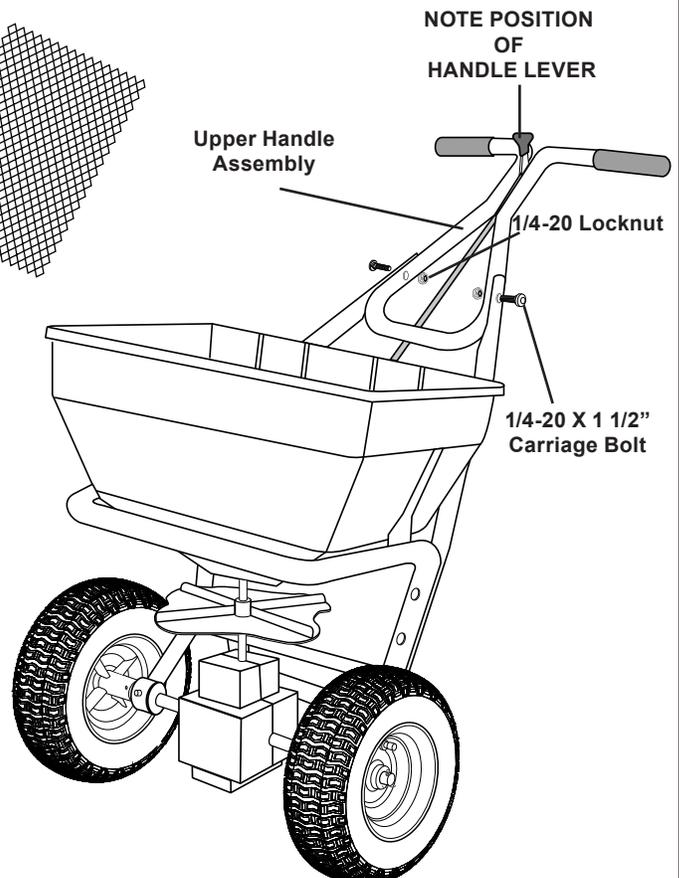


2. Attach leg/brace to frame as shown using (4) 1/4-20 x 2 1/4" carriage bolts and locknuts.



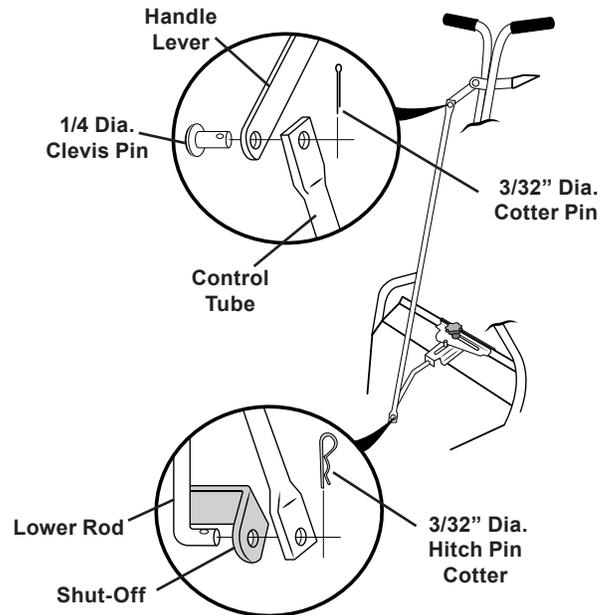
3. Turn spreader upright on wheels. Insert screen into hopper sliding it under the screen clips. Attach the upper handle assembly to handle brace with the handle lever facing as shown. Secure with (2) 1/4-20 x 1 1/2" carriage bolts, and locknuts.

NOTE POSITION
OF
HANDLE LEVER



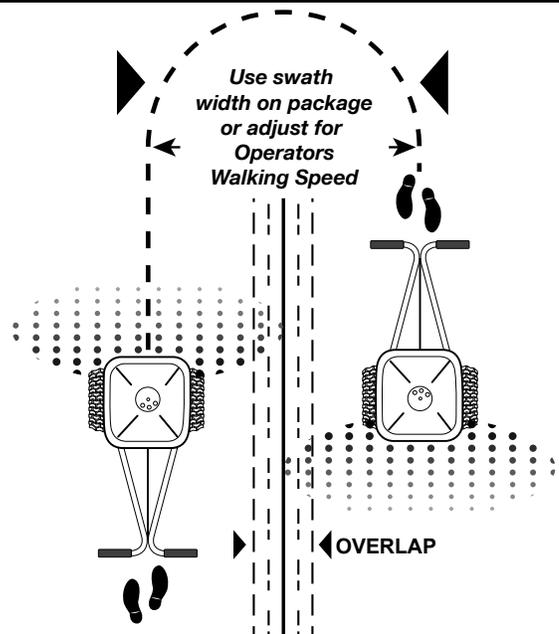
ASSEMBLY INSTRUCTIONS, *continued*

- 4.** Install control tube to handle lever with (1) 1/4 dia. clevis pin and a 3/32" dia. cotter pin. Slip opposite end of control tube over lower control rod making sure shutoff plate is between the lower rod and the control tube. Secure with a 3/32" dia. hitch pin cotter.



OPERATION

- 1.** Check the product package for the rate setting, and recommended swath width. Loosen rate control knob and slide rate plate to the proper setting. The pattern is controlled by loosening the two knobs on the discharge chute and moving the chute closer or farther away from the impeller (setting A, B, or C). See "**PATTERN ADJUSTMENT**" for details.
- 2.** Always fill the spreader on the driveway or sidewalk not on the lawn. Make sure screen is in hopper and spreader is in the "**OFF**" position.
- 3.** Start spreader moving before opening port. Close before stopping. Always push spreader, never pull.
- 4.** Hold handle so top of spreader is level. Tipping the spreader too far can cause uneven spreading.
- 5.** The settings and swath widths on the product label are recommended starting points. Always check the delivery rate and pattern on a small area before treating a large area. Actual delivery rate can vary due to weather conditions, operating variables, and condition of the product being applied. See "**HOW TO DETERMINE SPREADER SETTINGS AND SPREAD WIDTH**" for details.



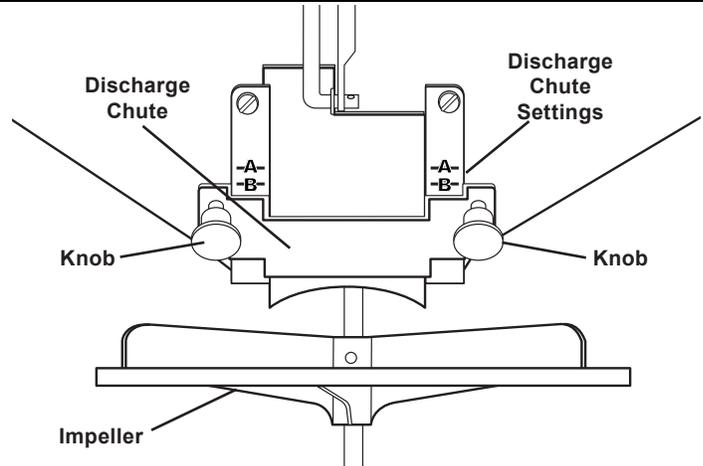
- 6.** Push spreader at a normal walking speed 2 1/2 m.p.h. (18 feet in 5 seconds). Apply header strips around area to be treated. Space trips across the area as shown. Keep material off flower beds, sidewalks, etc.
- 7.** When transporting spreader, make sure that it is in the "**OFF**" position.
- 8.** Empty spreader after each use. Return leftover material to its original container.

PATTERN ADJUSTMENT

Normal spreading of materials requires no adjustment (factory setting "A") unless stated on the package.

In those cases where the spread pattern has shifted, the pattern can be adjusted left and right by loosening the two knobs on the discharge chute and moving the chute closer or farther away from the impeller. Settings of "A, B, and C" are provided as reference.

Tip: For heavy material adjust chute to "C", light material adjust chute to "A to B".



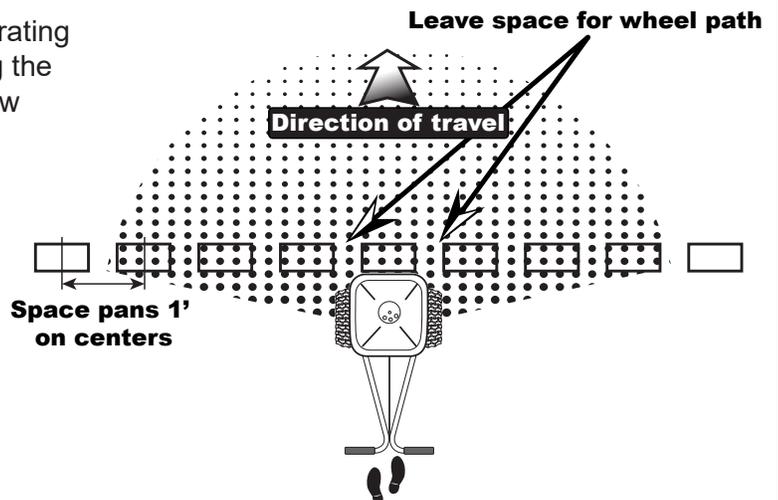
HOW TO DETERMINE SPREADER SETTINGS AND SPREAD WIDTH

Two major factors should be considered when determining correct spreader settings of any product:

1. The product application rate, or the amount of material applied per 1,000 square feet.
2. The effective pattern width, or the actual width in which material is applied. Label settings are a guide and can be affected by numerous factors.

EFFECTIVE PATTERN WIDTH

A simple visual pattern test can be made by operating the spreader over a non-turf area and evaluating the pattern. A more accurate method is to place a row of common, disposable, aluminum cake pans approximately 1 foot on centers. Set the rate plate at a middle setting and make 3 or 4 passes in the same direction as shown. Pour the material collected from each pan into individual bottles of the same size. Set them side by side in order, and visually inspect their volume. If the pattern is not centered (example: volume in bottle #2 left not equal to bottle #2 right), adjust the discharge chute up or down as described in "PATTERN ADJUSTMENT" section.



Once the pattern is uniform, the effective pattern width can be determined. The effective pattern width is the distance out from the spreader to a point where the amount of material is 1/2 the average amount in the center pans. This distance is multiplied by 2 to achieve the total effective pattern width.

APPLICATION RATE

Knowing the effective pattern width (for example, 10 feet), measure a distance equal to 100 square feet (10' x 10' swath width). Determine the product coverage in pounds / 100 sq. ft. by taking the weight of the product and dividing it by the recommended square foot coverage (add two zeroes to the weight of the bag).

EXAMPLE:

Product weight: 25 lbs.

Sq. ft. coverage: 5,000 sq. ft.

2500 lbs. ÷ 5,000 sq. ft.

= .5 lbs. / 100 sq. ft.

Weigh 15 to 20lbs. of material and spread over the 100 sq. ft. area. Weigh remaining material left in hopper and adjust rate setting as required. Repeat test until application rate is correct.

RATE SETTING CONVERSION

The following provides approximate **shindaiwa RS76 & RS76S** settings for those units listed.

Brand/Model	Setting																									
shindaiwa RS76 & RS76S	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	
Prizelawn® CBR IV/BF1 CBR III	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	
Prizelawn® CBR II	—	2	—	2.5	—	3	3.5	—	4	—	4.5	5	5.5	6	6.5	7	8	9.5	10	11	12	13	14	15	—	
EarthWay	5	—	—	—	10	—	—	—	—	15	—	—	—	—	20	—	—	—	—	25	—	—	—	—	30	
Spyker 76/78-2	—	3	—	—	—	4	—	—	5	—	—	6	—	—	7	—	—	8	—	—	—	9	—	—	10	
LESCO #029600	—	B	C	D	—	E	F	—	G	H	I	—	J	K	L	—	M	N	O	—	P	Q	R	—	S	
Scotts R8A/SR-1	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	—	V	W	—	X	Y	Z	
Scotts Speedy Green	—	—	—	2	—	—	3	3.5	—	4.5	5	5.5	6	—	6.5	—	7	—	7.5	—	8	—	8.5	—	9	

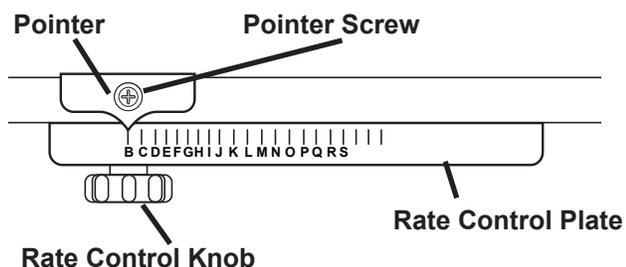
The following provides approximate **shindaiwa RS76 & RS76S** settings when only the product weight, square foot coverage, and visual inspection of the material is available.

FERTILIZER	BAG RATE Pounds of fertilizer used per 1,000 sq. ft. of coverage	APPROXIMATE SETTING	SPREAD WIDTH (IN FEET)
Large, heavy particles 	5	M	8
	10	O	8
	15	Q	8
Medium, mixed particles 	5	L	8
	10	N	8
	15	O	8
Small particles (Nitrogen) 	1	G	8
	2	J	8
	3	L	8
Mixed size particles Some fines 	5	M	6
	10	O	6
	15	P	6
Lightweight particles 	5	J	4
	10	L	To
	15	O	6

CALIBRATION INSTRUCTIONS

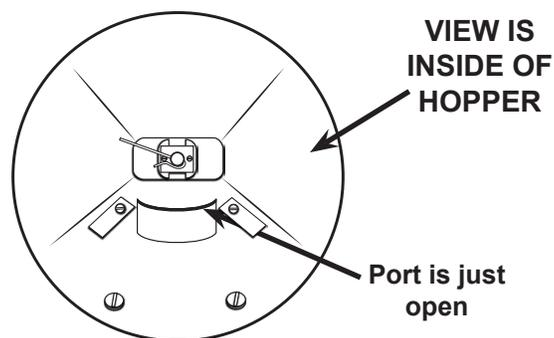
The **shindaiwa RS76 & RS76S** was factory calibrated, however, calibration should be checked occasionally to assure optimum performance.

1. Pull the on/off lever to the **“OFF”** position. Set the rate control plate to setting **“B”**.



2. Flip **on/off** control lever to the **“ON”** position. Check the port opening. It should be just open. If adjustment is necessary, continue to step #3.

3. Loosen the rate control knob and slide the rate plate until the port is just opening. Loosen pointer screw and move pointer until it aligns with **“B”** on the rate plate. Retighten pointer screw.



shindaiwa LIMITED WARRANTY

Shindaiwa manufactures its products to superior quality standards of quality to ensure customers obtain the highest level of satisfaction. In keeping with this goal, Shindaiwa warrants the unit to the original purchaser as follows:

Warranty Period

Two years from the delivery date to the original purchaser for consumer and commercial applications, 90 days for rental applications.

Warranty Administration

Within the covered warranty period, Shindaiwa will, at their option, repair or replace any defect in material or workmanship, without charge for parts or labor, if this product is presented at an authorized Shindaiwa dealer.

Warranty Exclusions and Limitations

Shindaiwa Inc. assumes no responsibility for damages, loss, or injury resulting from:

- Normal wear and tear.
- Misuse or neglect.
- Modification to or removal of original component parts.

The warranty is limited to the terms stated herein. Shindaiwa disclaims all liability for incidental or consequential damages. Some states do not allow the exclusion of incidental or consequential damages, so these limitations may not apply to you. This warranty gives you specific legal rights, and you may also have other rights which may vary from state to state. Shindaiwa reserves the right to change the design or specifications of this product without obligation to modify previously manufactured products.

Owner's Responsibilities

The owner of the unit must demonstrate reasonable care in the use, maintenance, and storage of this Shindaiwa product. If a warrantable failure should occur, the owner must deliver the product to an authorized Shindaiwa servicing dealer for correction. All residual chemicals must be removed from the hopper prior to delivery.

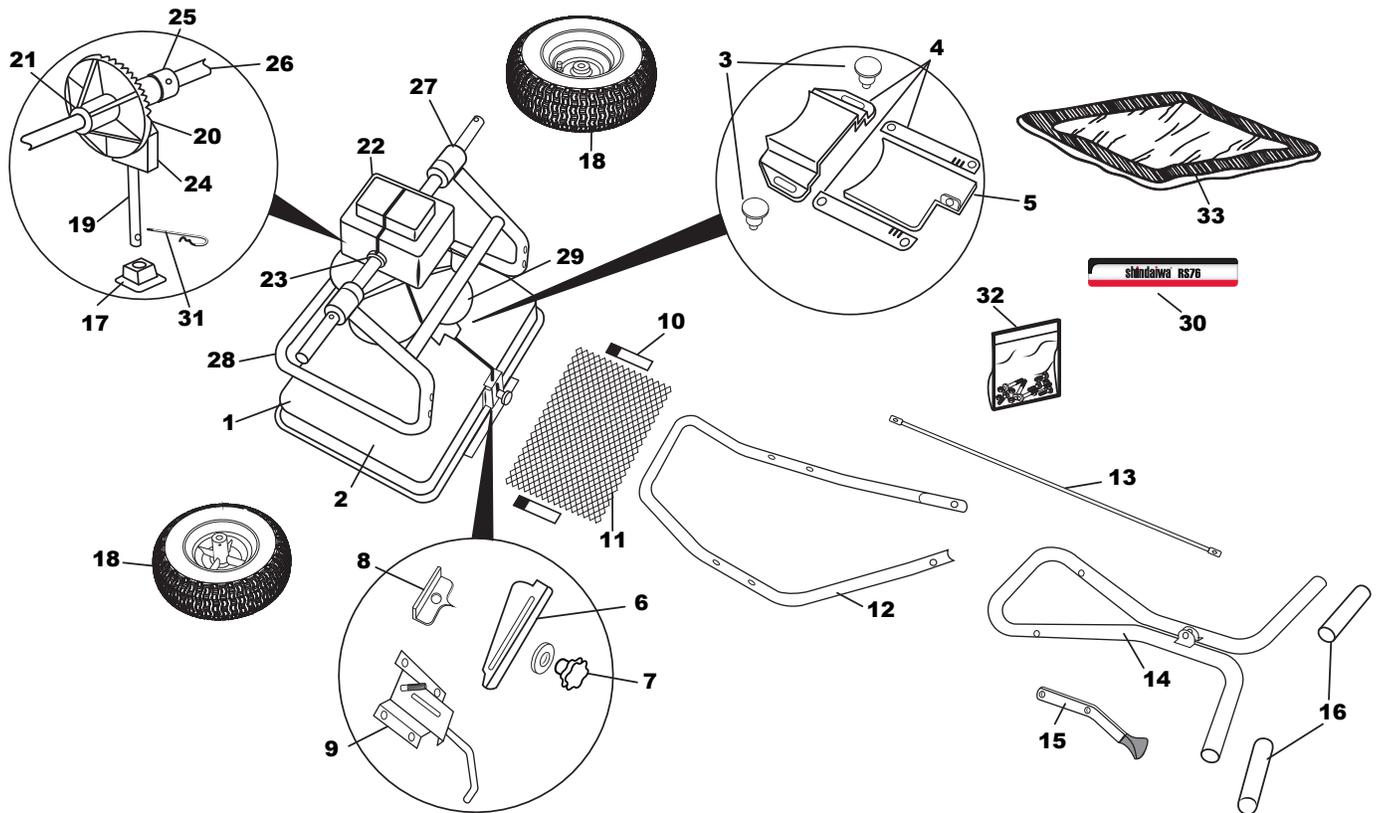
Unidentified chemicals left in tank can pose a serious health threat to anyone servicing the unit and unaware of its presence!

To obtain warranty service, proof of purchase must be presented to the authorized Shindaiwa servicing dealer when the product is presented for repairs.

Proof of purchase must include date of purchase and the name and address of the selling dealer.

shindaiwa[®]

PARTS LIST FOR shindaiwa RS76 & RS76S



PART OF OUR SERVICE IS PROVIDING REPLACEMENT PARTS. Parts may be obtained through your local distributor. Be sure to give:

<p>1. SPREADER MODEL NUMBER</p> <p>2. SPREADER NAME</p>	<p>3. PART NUMBER</p> <p>4. NAME OF PART AS SHOWN</p>
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Key	Description	RS76	RS76S	Key	Description	RS76	RS76S
1	Hopper Assembly	P15574		18	Wheel	P790120W	
2	Hopper*	P14604		19	Impeller Shaft	P15641	
3	Discharge Chute Knob* (2)	P14001		20	Pinion Gear	P14833	
4	Discharge Chute & Shut Off Plate Guides*	P15144		21	Axle Gear	P14832	
5	Shut-Off Plate*	P13353		22	Gear Cover (2)	P14837	
6	Rate Plate*	P15521		23	Gear Cover Clamps (3)	P14868-1	
7	Rate Control Knob*	P12704		24	Gear Support	P14834	
8	Pointer*	P12708		25	Axle Collar w/Set Screw	P14971	
9	Spring Housing Assembly*	P15527-01		26	Axle	P15518	
10	Screen Clips (2)	P14022		27	Axle Bearing (4)	P16412	
11	Hopper Screen	P14603-04		28	Frame Assembly	P15516	P15517
12	Handle Brace/Leg	P15507	P15508	29	Impeller	P14625	
13	Control Tube	P14916		30	Hopper Label	P16233	
14	Upper Handle	P15497	P15498	31	Agitator	P14510	
15	Handle Lever Ass'y	P15513		32	Fastener Package	P15579	
16	Handle Grip (2)	P14870		33	Hopper Co	P14606-1	
17	Impeller Shaft Bearing	P14312-1					

***Parts included in Hopper Assembly**

CONTACT INFORMATION

shindaiwa®

shindaiwa® PRODUCT REGISTRATION CARD : TARJETA DE REGISTRO : CARTE D'ENREGISTREMENT DU PRODUIT

Mail form to:

ECHO Inc., Product Registration,
PO Box 1139, Lake Zurich IL 60047.

Enviar formulario a:

ECHO Inc., Product Registration,
PO Box 1139, Lake Zurich IL 60047.

Poster le formulaire à l'adresse suivante:

ECHO Inc., Product Registration,
PO Box 1139, Lake Zurich IL 60047.

Please Print : Por Favor Enscriba Con Letra De Molde : En Lettre Carré S.V.P.

Confidential: Information provided will not be shared or sold

<i>Purchaser's Name : Nombre del Comprador : Nom de l'acheteur</i>		
<i>Address : Dirección : Adresse</i>		
<i>City : Ciudad : Ville</i>	<i>State : Estado : Province</i>	<i>Zip Code : Código Postal : Code Postal</i>
<i>E-Mail Address : Dirección De Correo Electrónico : Courier Électronique</i>		
<i>Phone Number : Número De Teléfono : Téléphone</i>	<i>Date of Purchase : Fecha de la Compra : Date de l'achat</i>	
<i>Where Purchased : Nombre del Almacén donde fue Comprado : Lieu d'achat</i>		
<i>Model Number : Numero del Modelo: No. de modéle</i>		

Primary use of tool: Professional Homeowner Rental Equip.
 Uso primario de la herramienta: Profesional Dueño de casa Alquiler
 Usage principal : Professionnel Residential Location

Do you wish to receive periodic Shindaiwa product information and special offers by e-mail? Yes No

¿Desea usted recibir información periódica y ofertas especiales por correo electrónico sobre el producto Shindaiwa? Yes No
 Souhaitez-vous recevoir périodiquement de l'information sur les produits Shindaiwa et les offres spéciales par courrier électronique ? Oui Non

Did you visit the Shindaiwa website before purchasing your product?
 Yes No

Visitó usted la pagina web Shindaiwa antes de comprar su producto?
 Si No

Avez-vous visité le site d'Shindaiwa avant de procurer votre produit?
 Oui Non

What factor(s) most influenced your purchase?

Performance Price Dealer
 Reliability Prior Experience Quality
 Friend/Family Brand Warranty

¿Qué factor(es) influenció más en su compra?
 Funcionamiento Precio Distribuidor
 Confiabilidad Experiencia Anterior Calidad
 Amigo/Familia Marca Garantía

Quel facteur (facteurs) vous a influencé le plus?
 Performance Prix Marchand
 Fiabilité Expérience Qualité
 Ami/Famille Marque Garantie

Registering your purchase enables us to contact you in the unlikely event of a service update or product recall and verifies your ownership in the event of loss. : El registrar su compra nos permite estar en contacto con usted en caso de cualquier evento como el aviso de tiempo de servicio o la revocación del producto y verificación de propiedad en caso de robo o pérdida. : L'enregistrement de votre achat nous permettra de vous contacter dans le cas improbable de modifications des instructions d'entretien ou de rappel du produit et vérifier que vous êtes le propriétaire en cas de vol ou de perte.

1.877.986.7783

www.shindaiwa-usa.com

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