



ICEMASTER 25™

Broadcast Spreader

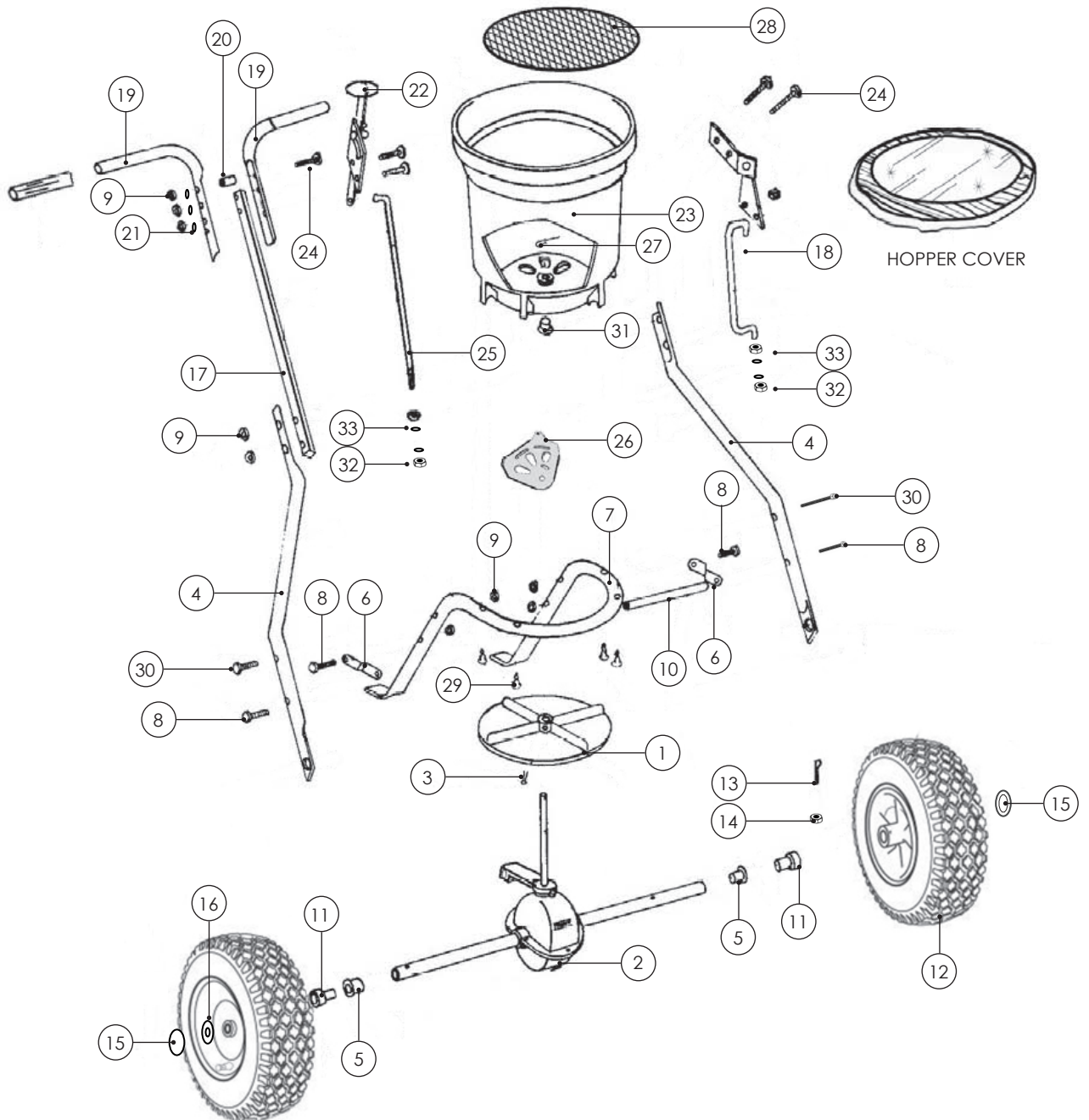
INSTRUCTION LEAFLET



IMPORTANT NOTICE

This machine is designed to spread dry granular material only
IT WILL NOT SPREAD WET OR DAMP SALT

PLEASE MAKE THIS MANUAL AVAILABLE TO ALL PERSONNEL WHO
WILL USE OR MAINTAIN THIS BROADCAST SPREADER



ITEM 1	SPINNER PLATE	QTY 1	ITEM 18	PIVOT BRACKET ASSEMBLY	QTY 1
ITEM 2	GEARBOX AND AXLE ASSEMBLY	QTY 1	ITEM 19	UPPER HANDLE	QTY 2
ITEM 3	M4 X 20MM SCREW	QTY 1	ITEM 20	HANDLE SPACER	QTY 1
ITEM 4	WHEEL ASSEMBLY FRAME	QTY 2	ITEM 21	6MM FLAT WASHER	QTY 3
ITEM 5	AXLE BUSH	QTY 2	ITEM 22	GUAGE AND LEVER ASSEMBLY	QTY 1
ITEM 6	FRAME BRACE	QTY 2	ITEM 23	HOPPER ASSEMBLY	QTY 1
ITEM 7	HOPPER FRAME	QTY 1	ITEM 24	M6 X 45MM BOLT	QTY 5
ITEM 8	M6 X 35MM BOLT	QTY 4	ITEM 25	CONTROL ROD	QTY 1
ITEM 9	M6 LOCK NUT	QTY 10	ITEM 26	FLOW CONTROL PLATE	QTY 1
ITEM 10	CONNECTOR ROD	QTY 1	ITEM 27	R-CLIP	QTY 1
ITEM 11	INNER AXLE BUSH	QTY 2	ITEM 28	GRILLE	QTY 1
ITEM 12	WHEEL	QTY 2	ITEM 29	SCREW 6 X 40MM	QTY 4
ITEM 13	M5 X 45MM BOLT	QTY 1	ITEM 30	M6 X 60MM BOLT	QTY 2
ITEM 14	M5 LOCK NUT	QTY 1	ITEM 31	HOPPER BUSH	QTY 1
ITEM 15	AXLE END CAP	QTY 2	ITEM 32	M6 NUT	QTY 4
ITEM 16	16MM FLAT WASHER	QTY 1	ITEM 33	M6 WASHER	QTY 4
ITEM 17	HANDLE SHAFT	QTY 1			

Remove the bag of fixings and identify the following components:



M4 X 20MM
ROUND HEAD SCREW
(ITEM 3 - 1 OFF)



M5 X 45MM
HEX HEAD BOLT
(ITEM 13- 1 OFF)



M6 X 35MM
HEX HEAD BOLT
(ITEM 8 - 4 OFF)



M6 X 45MM
HEX HEAD BOLT
(ITEM 24 - 5 OFF)



M6 X 60MM
HEX HEAD BOLT
(ITEM 30 - 2 OFF)



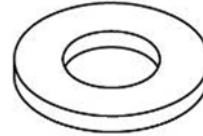
M5 LOCK NUT
(ITEM 14 - 1 OFF)



M6 LOCK NUT
(ITEM 9 - 10 OFF)



6MM FLAT WASHER
(ITEM 21 - 3 OFF)



16MM FLAT WASHER
(ITEM 16 - 1 OFF)



INNER AXLE BUSH
(ITEM 11 - 2 OFF)



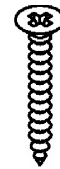
AXLE END CAP
(ITEM 15- 2 OFF)



HANDLE SPACER
(ITEM 20 - 1 OFF)



R-CLIP
(ITEM 27 - 1 OFF)

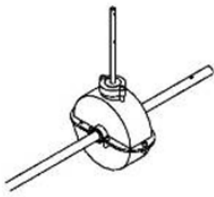


SCREW 6 X 40MM
(ITEM 29 - 4 OFF)

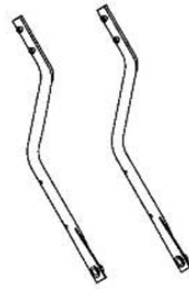
Ensure the following components have been received:



SPINNER PLATE
(ITEM 1 - 1 OFF)



GEARBOX AND AXLE
ASSEMBLY
(ITEM 2 - 1 OFF)



WHEEL ASSEMBLY FRAME
(ITEM 4 - 2 OFF)
(INC. ITEM 5 - 2 OFF)



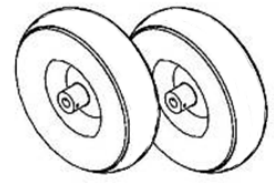
FRAME BRACE
(ITEM 6 - 2 OFF)



HOPPER FRAME
(ITEM 7 - 1 OFF)



CONNECTOR ROD
(ITEM 10 - 1 OFF)



WHEELS
(ITEM 12 - 2 OFF)



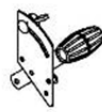
HANDLE SHAFT
(ITEM 17 - 1 OFF)



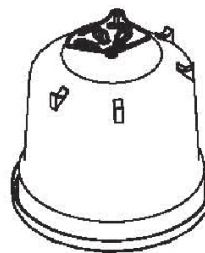
PIVOT BRACKET
ASSEMBLY
(ITEM 18 - 1 OFF)
(INC. ITEM 32 - 2 OFF)
(INC. ITEM 33- 2 OFF)



UPPER HANDLE
(ITEM 19 - 2 OFF)



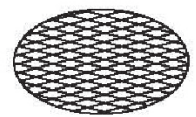
GUAGE & LEVER
ASSEMBLY
(ITEM 22 - 1 OFF)



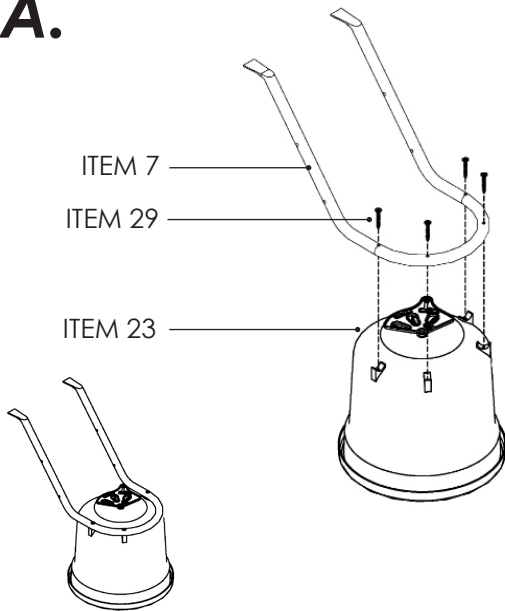
HOPPER ASSEMBLY
(ITEM 23 - 1 OFF)
(INC. ITEM 26 - 1 OFF)



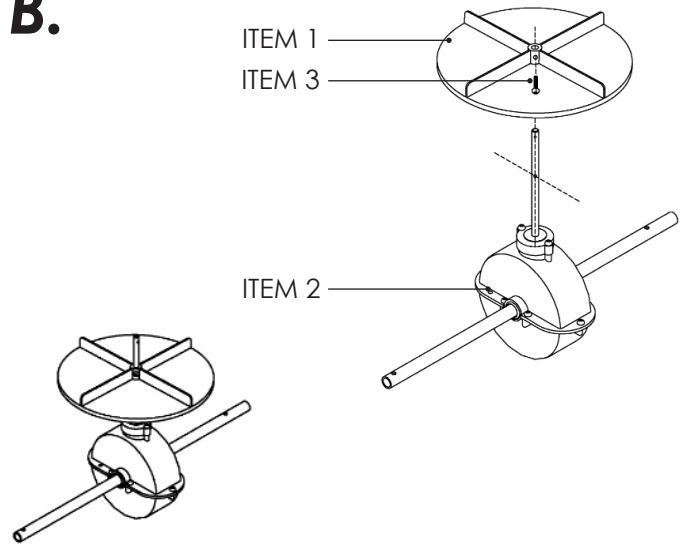
CONTROL ROD
(ITEM 25 - 1 OFF)
(INC. ITEM 32 - 2 OFF)
(INC. ITEM 33- 2 OFF)



GRILLE
(ITEM 28 - 1 OFF)

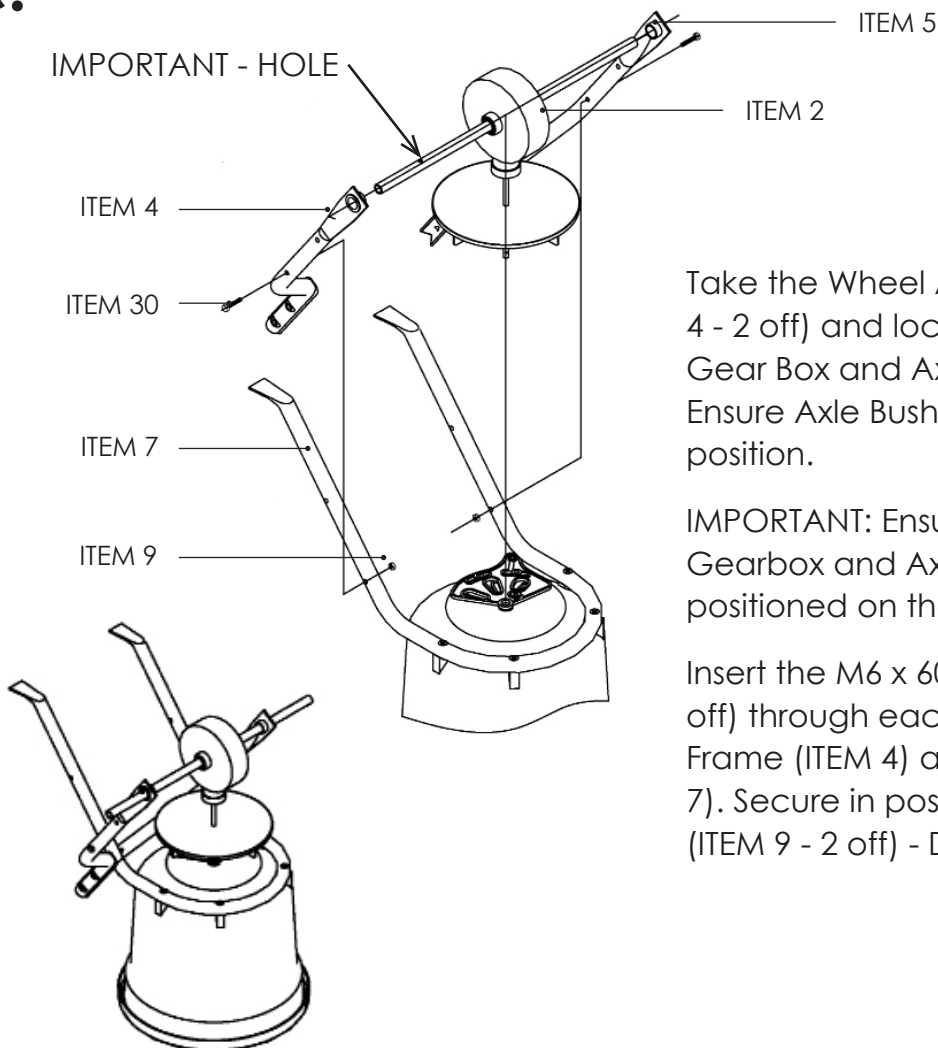
A.

Turn the Hopper (ITEM 23) upside down and attach it to the Hopper Frame (ITEM 7) using the 6 x 40mm Screws (ITEM 29 - 4 off).

B.

Insert the Spinner Plate (ITEM 1) onto the vertical shaft of the Gear Box and Axle Assembly (ITEM 2).

Insert the M4 x 20mm Screw (ITEM 3) to secure the Spinner Plate in position.

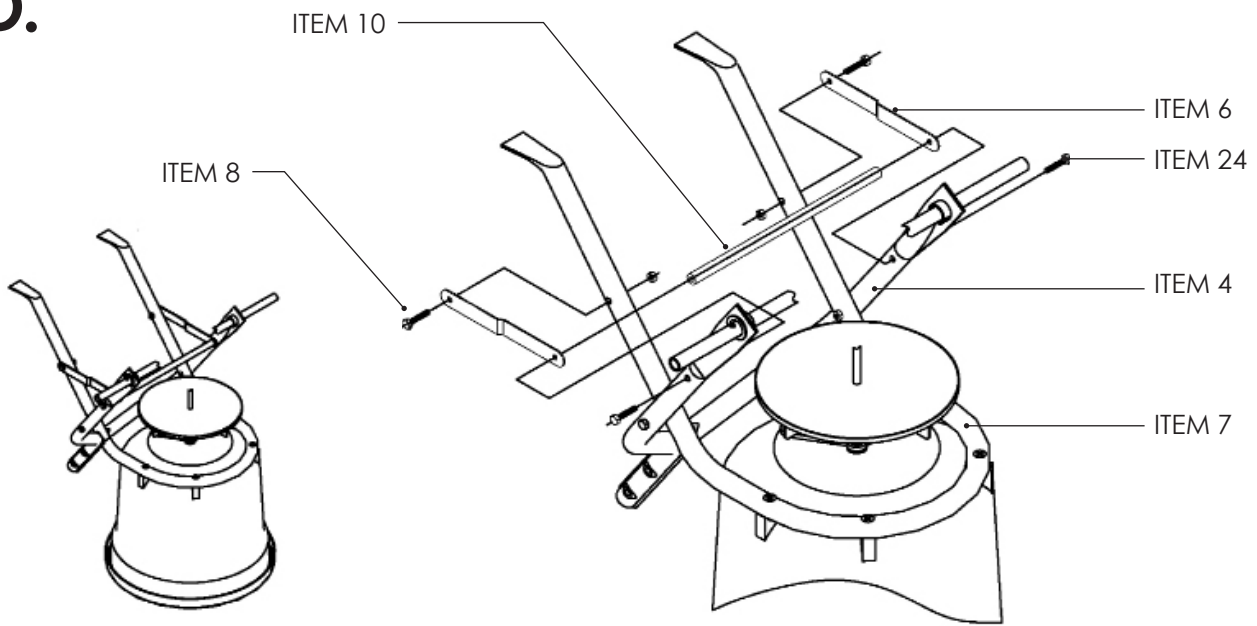
C.

Take the Wheel Assembly Frame (ITEM 4 - 2 off) and locate on each end of the Gear Box and Axle Assembly (ITEM 2). Ensure Axle Bushes (ITEM 5 - 2 off) are in position.

IMPORTANT: Ensure the hole in the Gearbox and Axle Assembly is positioned on the right hand side.

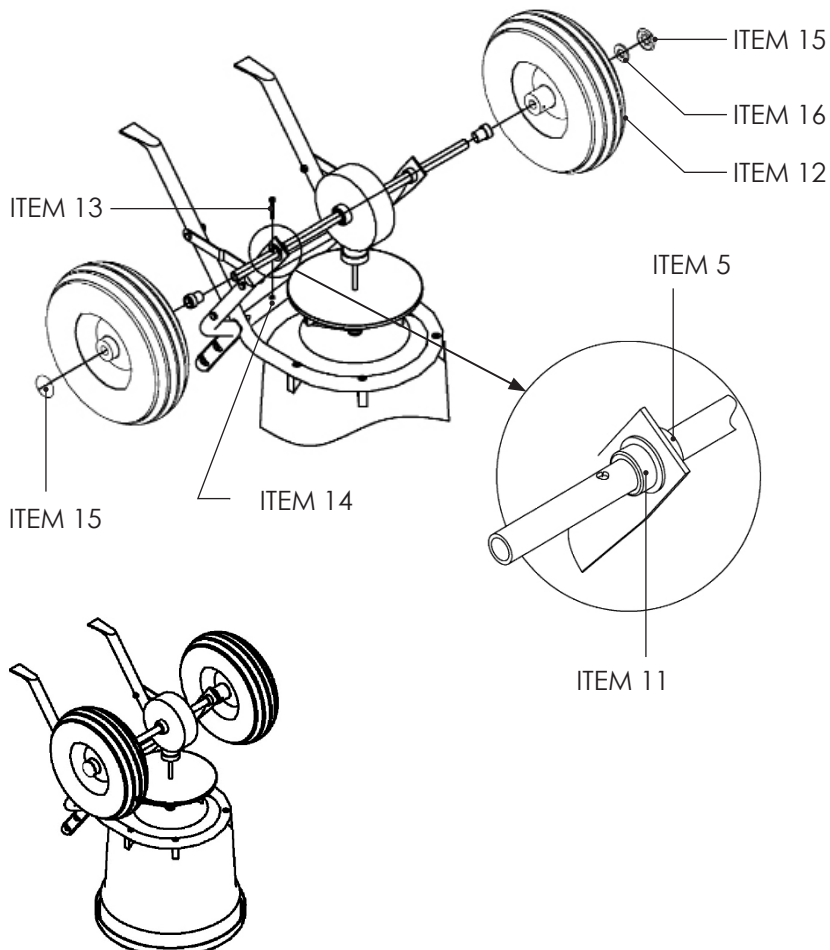
Insert the M6 x 60mm Bolt (ITEM 30 - 2 off) through each Wheel Assembly Frame (ITEM 4) and Hopper Frame (ITEM 7). Secure in position using M6 Lock Nut (ITEM 9 - 2 off) - Do not fully tighten yet.

D.



Attach the Connector Rod (ITEM 10) to the Wheel Assembly Frame (ITEM 4) together with the Frame Braces (ITEM 6 - 2 off) using the M6 x 45mm Bolts (ITEM 24 - 2 off). The fixings screw into an internal thread on the inside of the Connector Rod. Fix the Frame Braces to the Hopper Frame (ITEM 7) using the M6 x 35 Bolts (ITEM 8 - 2 off) - Do not fully tighten yet.

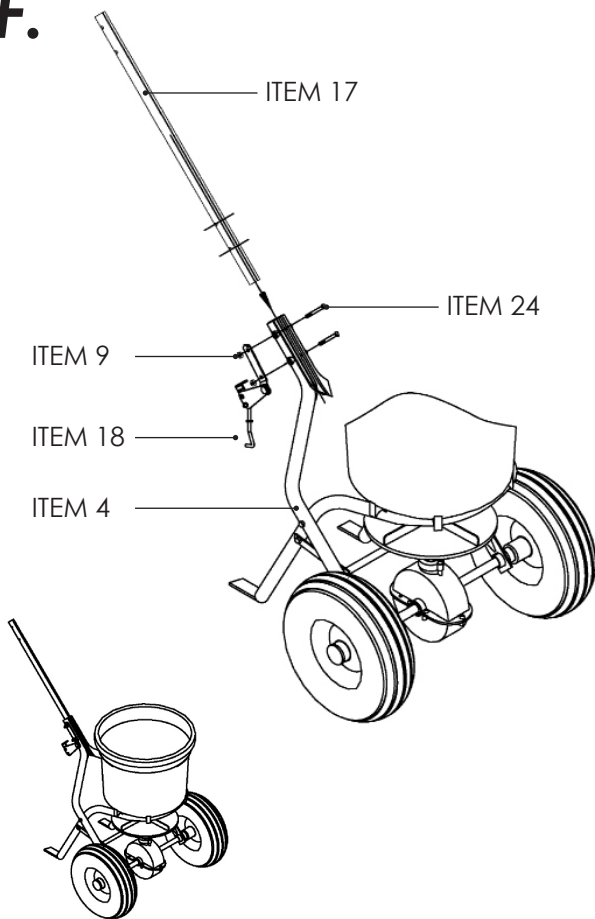
E.



Fit the Inner Axle Bush (ITEM 11) onto the right side of the Axle. The Axle Bush (ITEM 5) should be prefitted inside the Wheel Assembly Frame (ITEM 4). Slide the Inner Axle Bush until it slots inside the Axle Bush in the Frame.

Fit the remaining Inner Axle Bush onto the left side of the Axle. Again, slot the bushes together snugly.

Fit the Wheels (ITEM 12 - 2 off) onto the Axle. Begin with the right hand Wheel and secure in place using the M5 x 45mm Bolt (ITEM 13) and M5 Lock Nut (ITEM 14). Tap on the Axle End Cap (ITEM 15) using a rubber mallet. Repeat for the left Wheel - inserting the 16mm Flat Washer (ITEM 16) prior to attaching the Axle End Cap.

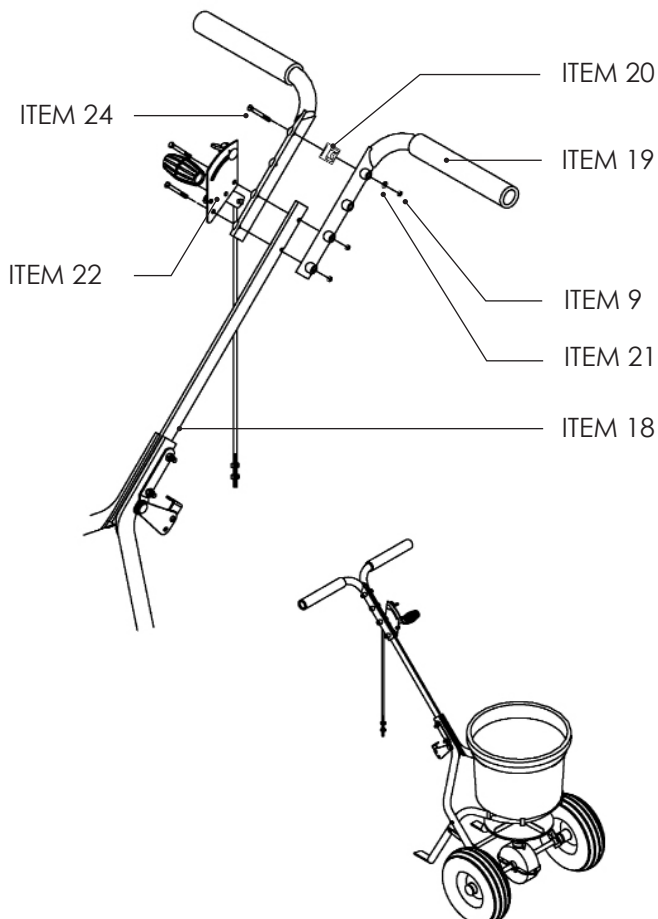
F.

Insert the Handle Shaft (ITEM 17) between the two Wheel Assembly Frames (ITEM 4) ensuring the Handle Shaft is in the correct orientation. The lower holes are further from the end of the Handle Shaft.

Take the Pivot Bracket Assembly (ITEM 18) and align with the holes in the Wheel Assembly Frames and Handle Shaft.

Secure in position using M6 x 45mm Bolt (ITEM 24 - 2 off) and M6 Lock Nut (ITEM 9 - 2 off).

**FULLY TIGHTEN ALL NUTS AND BOLTS
WITHIN THE ASSEMBLY FROM STEP A
- DO NOT OVER TIGHTEN -**

G.

The Upper Handle (ITEM 19 - 2 off) can be fitted in three positions along the Handle Shaft (ITEM 17).

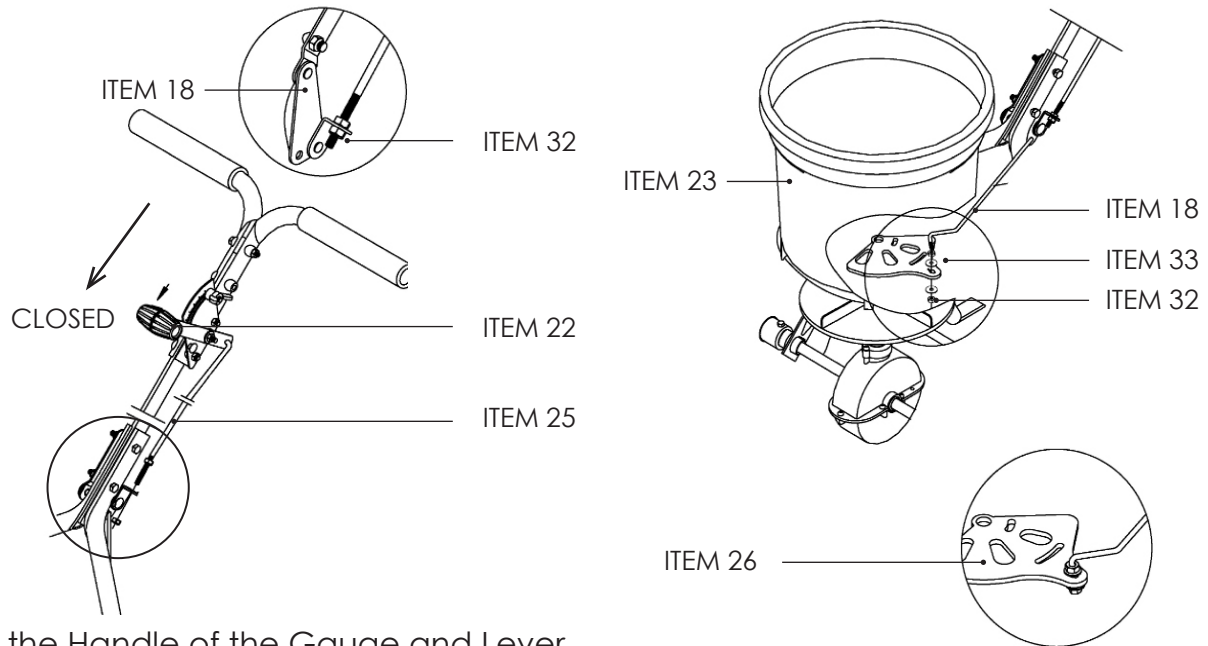
Select the most comfortable position for use. Should either of the two higher positions be chosen, fit the Handle Spacer (ITEM 20) in the top fixing hole of the Upper Handles with an M6 x 45mm Bolt (ITEM 24), 6mm Flat Washer (ITEM 21) and M6 Lock Nut (ITEM 9).

Take the Gauge and Lever Assembly (ITEM 22) and align the holes with the holes in the Upper Handles and Handle Shaft.

Ensure the Gauge and Lever Assembly is on the right hand side and the Handle Lever is facing forward.

Secure in position using M6 x 45mm Bolt (2 off), 6mm Flat Washer (2 off) and M6 Lock Nut (2 off) (ITEMS 24, 21 and 9).

H.



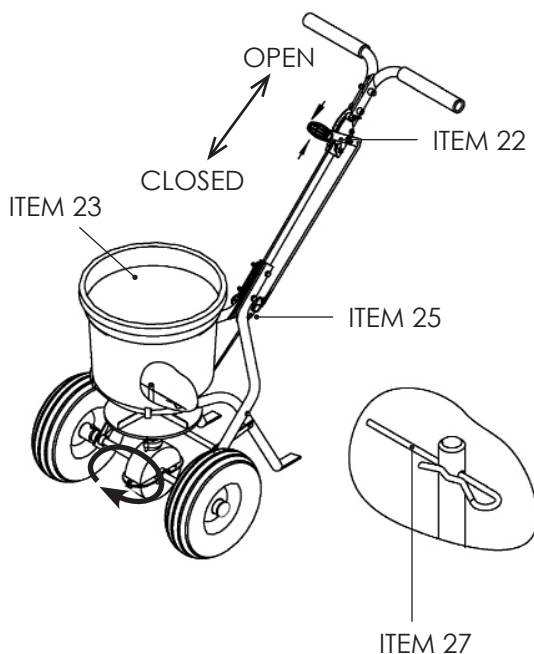
Push the Handle of the Gauge and Lever Assembly (ITEM 22) to its lowest position and insert the upper end of the Control Rod (ITEM 25) into the hole at the rear of the Handle.

Take off one of the nuts (ITEM 32) on the Control Rod (ITEM 25) and insert the threaded end into the angled bracket of the Pivot Bracket Assembly (ITEM 18). affix the nut back onto the thread of the Control Rod.

Take the Rod of the Pivot Bracket Assembly (ITEM 18) and insert the threaded end into the Flow Control Plate (ITEM 26) located on the underside of the Hopper (ITEM 23).

Ensure 6mm Washer (ITEM 33 - 2off) and M6 Nut (ITEM 32 - 2off) are positioned on either side of the Flow Control Plate when securing the assembly in position.

I.



To complete the assembly, insert the R Clip (ITEM 27) into the hole in the vertical shaft of the Gear Box and Axle Assembly (ITEM 2) from the inside of the Hopper (ITEM 23).

Before use, push the Lever (ITEM 22) downwards to close the apertures in the base of the Hopper (ITEM 23) and pull the Lever upwards to open the apertures.

If the apertures in the base of the Hopper do not align with the apertures in the Flow Control Plate (ITEM 26), adjust the position of the two nuts along the threaded Control Rod (ITEM 25) - See drawings in Diagram H.

Once the apertures are aligned, fully tighten both nuts. To limit the size of the open apertures when operating the Lever, move the position of the Wing Nut.

OPERATION:

Ensure the Flow Control Lever is pushed downwards and the apertures in the base of the Hopper are closed before filling the Hopper with the spreading material.

We recommend Glasdon Icemelt or other dry granular material. Do not use damp or wet grit/salt and do not overload the hopper (maximum capacity approximately 25kg).

To operate the spreader, pull the Flow Control Lever upwards and push the spreader forward. The recommended operating speed is approximately 3mph, that of a brisk walk. The spinner plate speed and spread width are controlled by the speed at which you push the spreader.

OPERATING TIPS:

- Do not overfill the hopper.
- Break up any lumps as you fill the hopper.
- Do not fill the hopper and transport over long distances.
- Fill the hopper at the operating location just prior to use.

MAINTENANCE:

- To maximise the life of your spreader and to ensure it performs when you need it, please maintain your spreader regularly.
- Never allow your spreading material to remain in the hopper for extended periods of time - salt is hygroscopic, it will absorb moisture in the air and can set hard like concrete!
- Periodically check all fixtures and fittings for tightness.
- Rinse/dry inside and outside of the spreader after each use.
- Move the Flow Control Lever and Spinner Plate as you rinse to avoid build up of material.
- Spray with maintenance spray (e.g. WD40) which will drive out highly corrosive saltwater from the working parts and metal surfaces and will protect and lubricate.



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- A planned maintenance schedule or regular inspection is recommended, replacing components as necessary.
- Replacement components are available from GLASDON.
- GLASDON cannot be held responsible for claims arising from incorrect installation or assembly, unauthorised modifications or misuse of the product.
- Glasdon UK Limited reserve the right to alter specifications without prior notice



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