

Assembly Instructions

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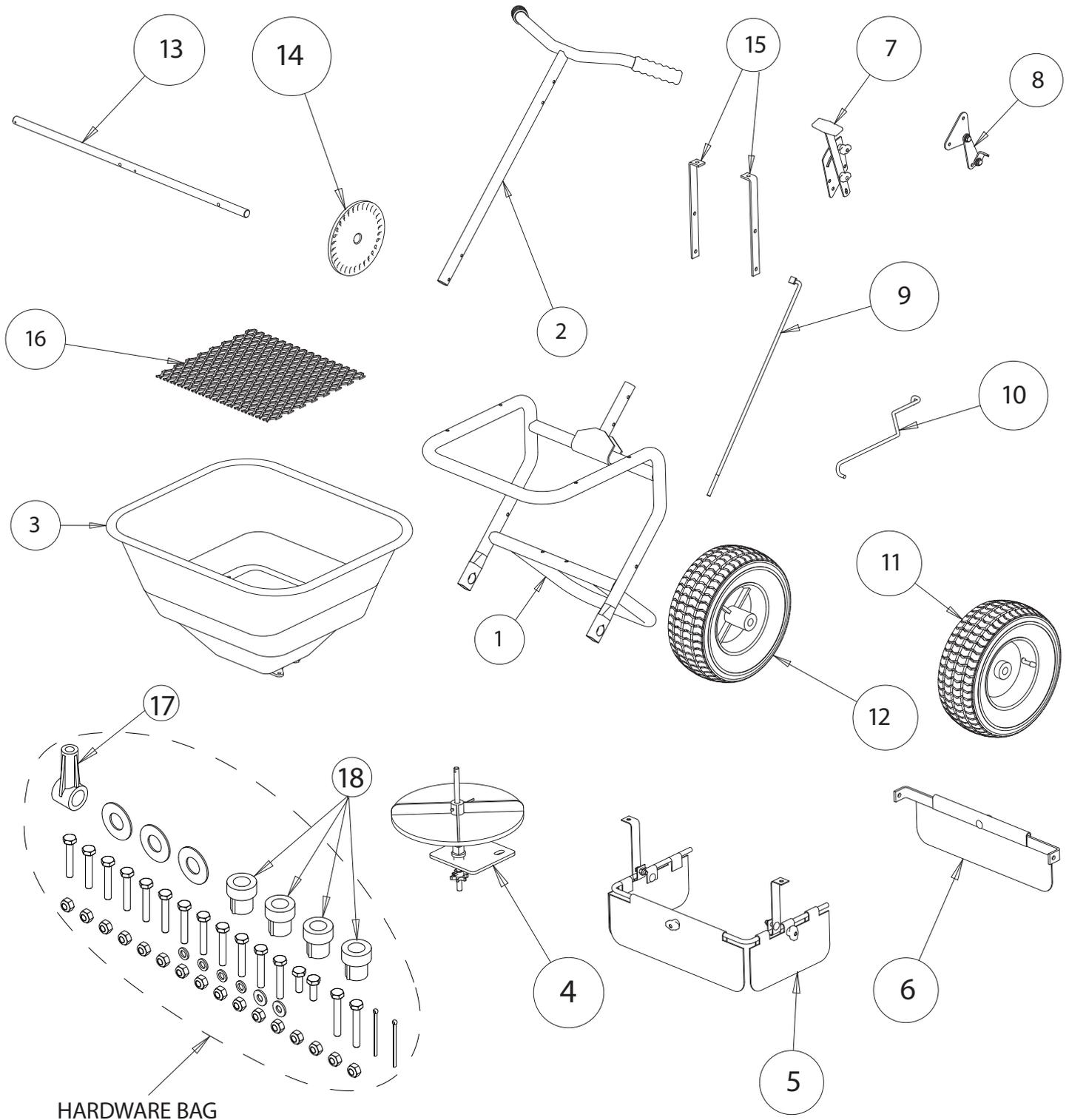
WB100B
Heavy-Duty Carbon Steel
Walk Behind Salt Spreader



WB200B
Heavy-Duty Stainless Steel
Walk Behind Salt Spreader



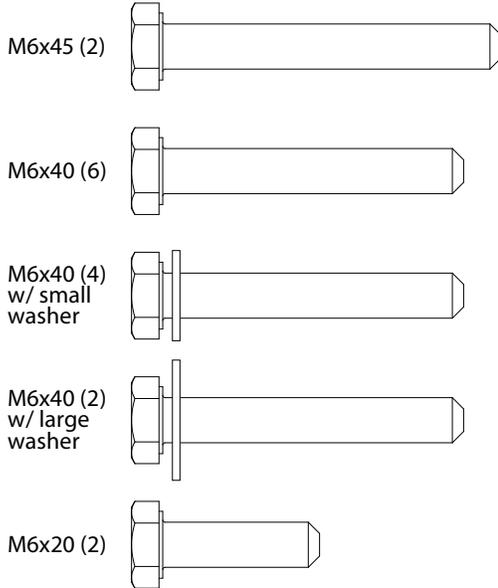
1. Check contents of box against the parts list to make sure all components are included. When ordering replacement or spare parts refer to the parts list for part numbers.



TOOLS NEEDED FOR ASSEMBLY

- (2) 10mm Wrenches
- (2) ½" Wrenches
- (1) Pliers

Fastener Selection Guide



Parts List (for all figures)

ITEM	WB100B	WB200B	DESCRIPTION
1	3010868	3011729	Frame
2	3010874	3011730	Handle
3	3009156	3009156	Hopper Assembly
-	3009144	3009144	Hopper
-	3009162	3009162	Restrictor Plate Assembly
4	3009157	3011731	Spinner Assembly
-	3009150	3011732	Spinner Shaft
-	3007863	3007863	Spinner
-	3009157*	3011731*	Support Bracket
-	3009157*	3011731*	Bushing
-	3009157*	3011731*	Spacer
-	3008879	3008879	Pinion Gear
5	3008142	3011733	Deflector Assembly
6	3011734	3011735	Rear Deflector Assembly
7	3009160	3011736	Control Handle Assembly
8	3010878	3011737	Linkage Plate Assembly
9	3010880	3011738	Upper Linkage
10	3010879	3011739	Lower Linkage
11	3008135	3008135	Drive Wheel
12	3007862	3007862	Coast Wheel
13	3010870	3011740	Axle
14	3008880	3008880	Drive Gear
15	3010871	3011741	Hopper Support Bracket
16	3008813	3008813	Screen
17	3008881	3008881	Spinner Shaft Support
18	3007865	3007865	Axle Bushings
-	3007993	3007993	Rain Cover

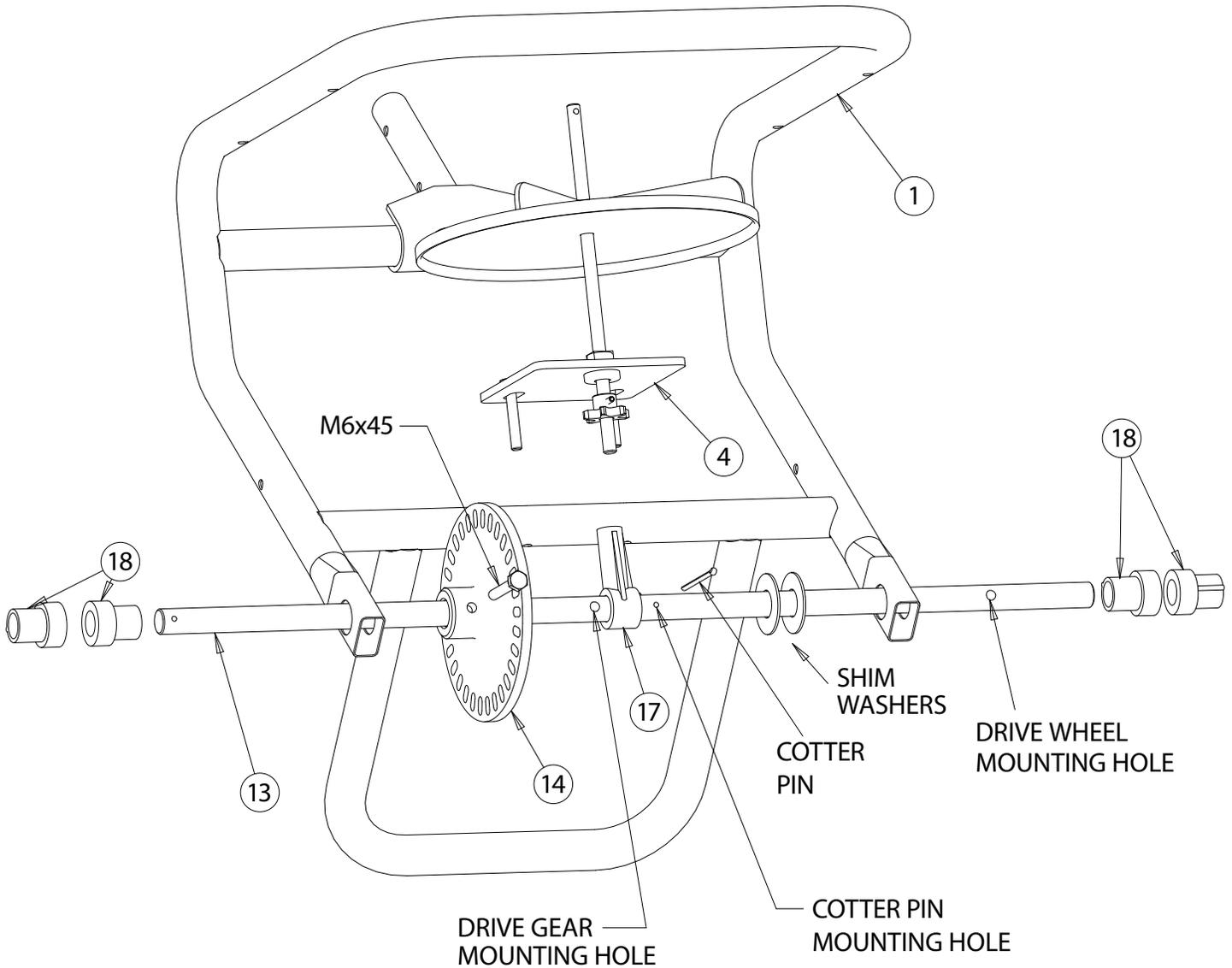
** Must Order Assembly*

FULL ONE YEAR WARRANTY

Manufacturer will repair, or at manufacturer's discretion will replace any part of this salt spreader which proves to be defective in workmanship or material under normal use for a period of one year from the date of delivery to the original purchaser. Any cost incurred in returning the product to the supplier is the responsibility of the consumer.

EXCLUSIONS

Manufacturer shall not be liable for special, incidental, or consequential damages, or for damages resulting from lack of necessary maintenance, from misuse, abuse, acts of God, or alteration of the product. Some states do not allow the exclusion or limitation of incidental or consequential damages, so the above limitation or exclusion may not apply to you.



2. Loosely assemble the axle components to the Frame(1).

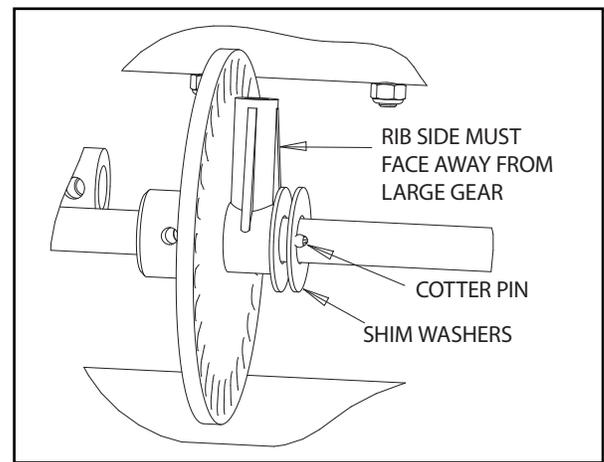
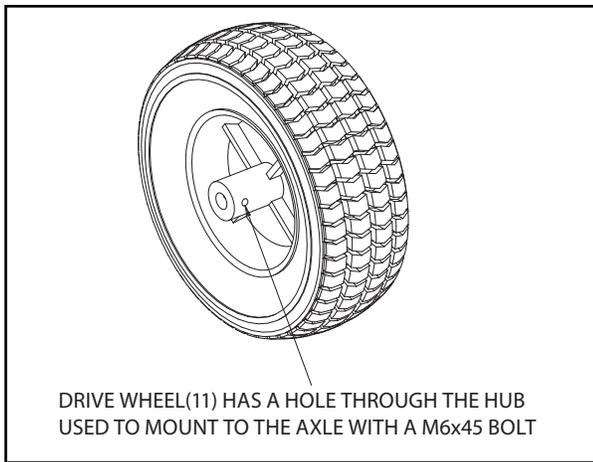
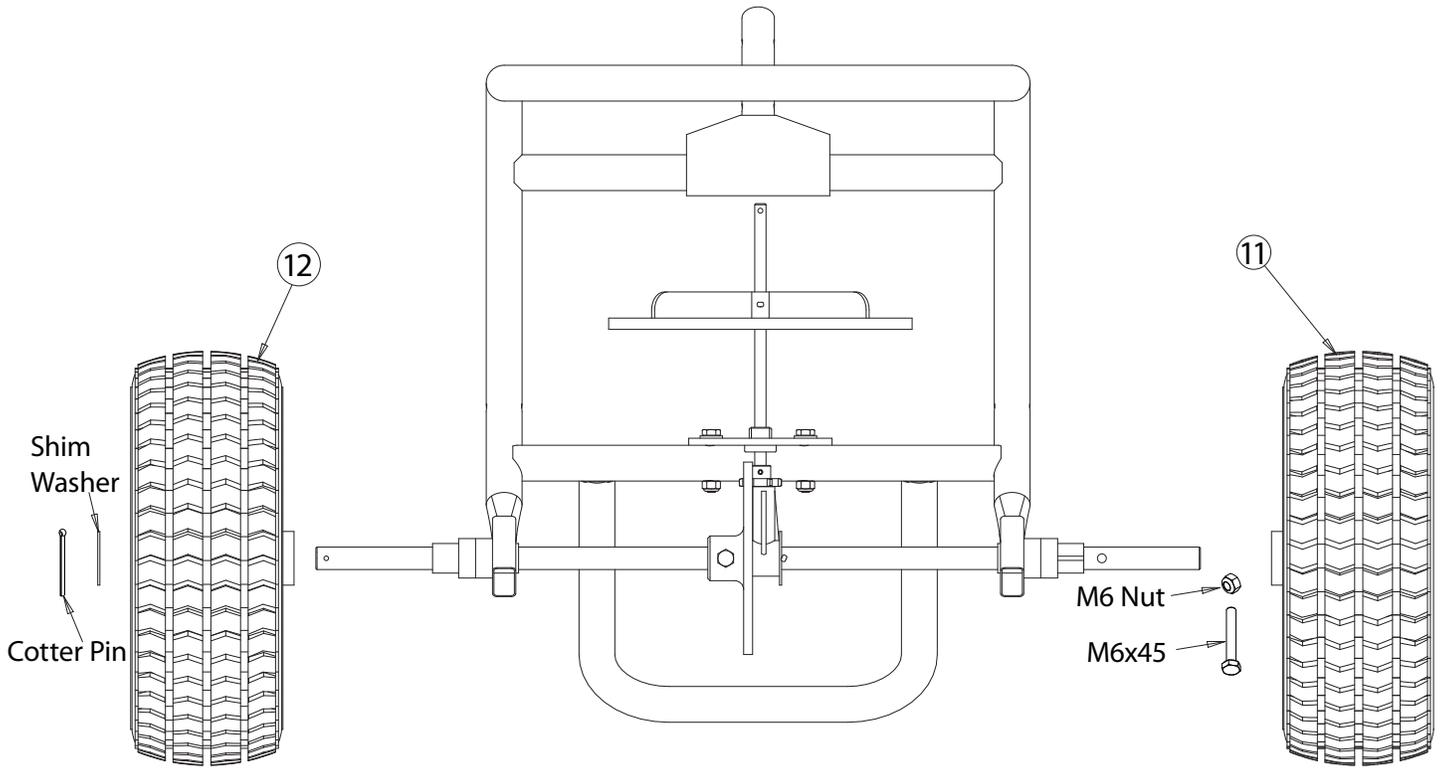
A. Position the Spinner Shaft Support(17) and orient it as shown.

B. Add two Shim Washers as shown.

C. Add four plastic axle Bushings (18).

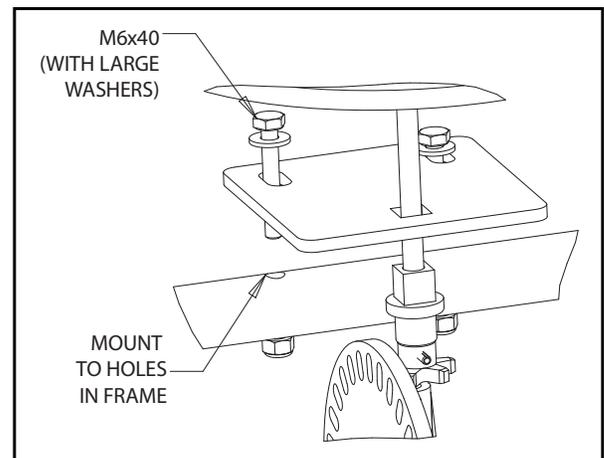
3. Position the Spinner Assembly(4) into the Spinner Shaft Support(17) and assemble the parts so that the small gear fits into the Drive Gear(14). Using a Cotter Pin, secure the Shim Washer against the Spinner Shaft Support as shown.

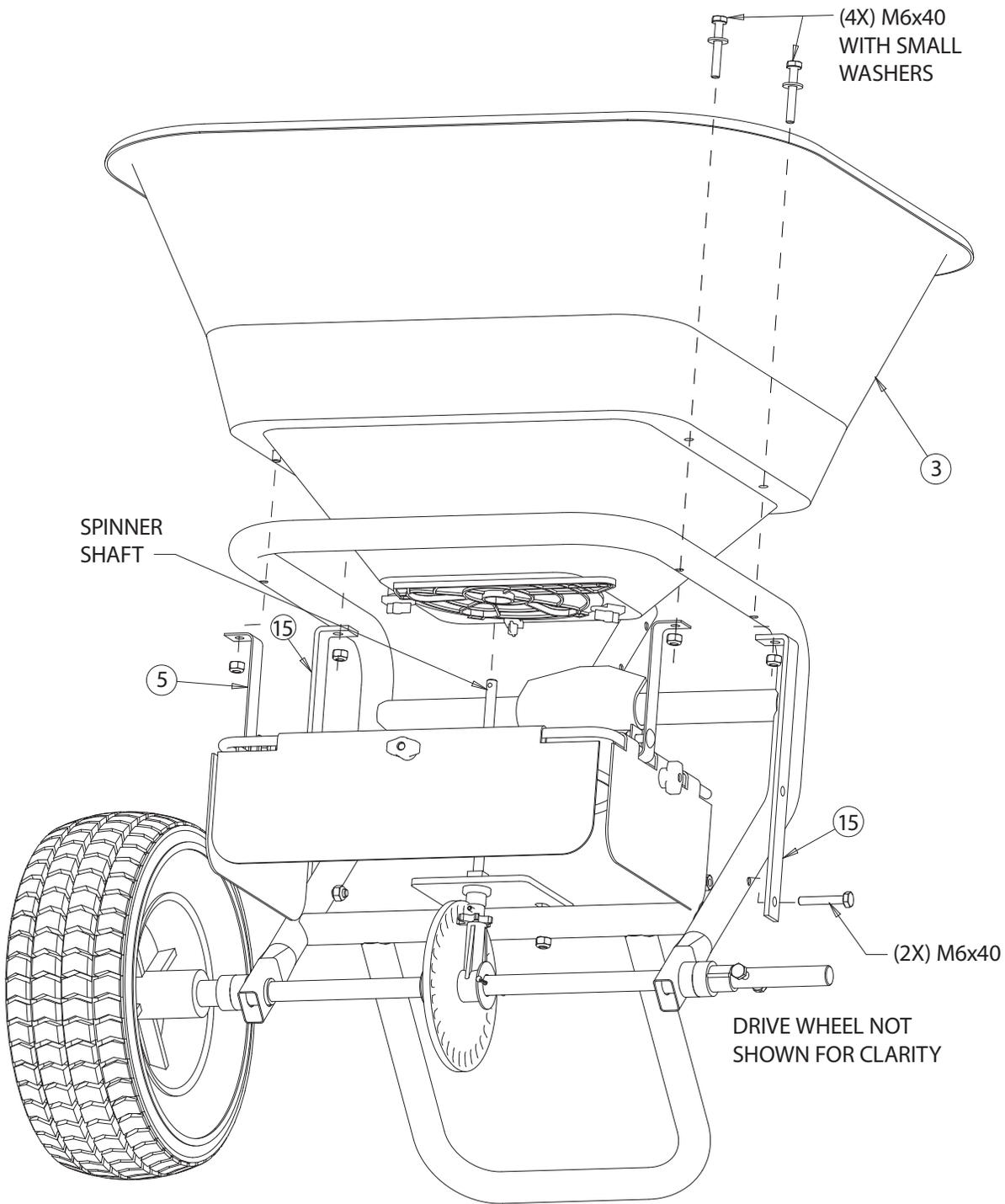
4. Loosely mount the spinner shaft mounting plate to the Frame using the two m6x40 bolts that have larger, flat washers pre-mounted.



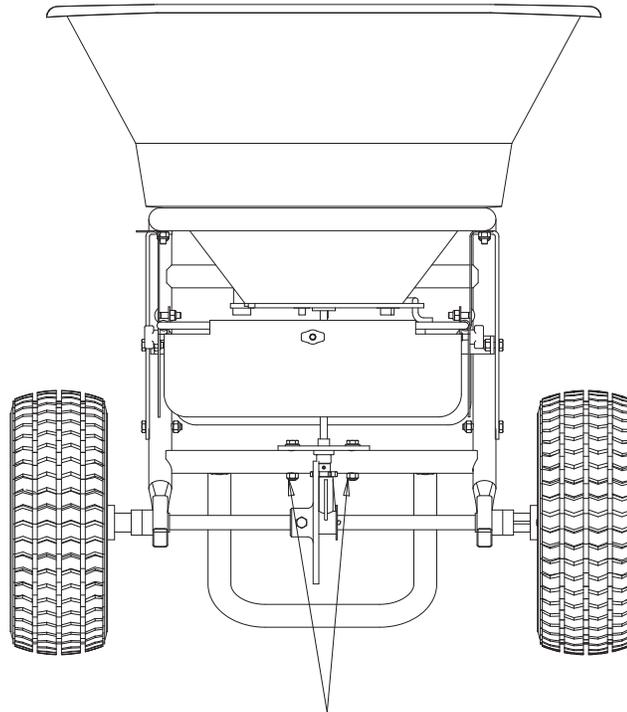
5. Mount the Drive Wheel(11) to the Axle using a m6x45 bolt. Mount the Coast Wheel(12) using shim washers and a cotter pin. Tighten the entire axle assembly as shown.

- A.** Make sure the Bushings are fully seated against the Frame
- B.** The Coast Wheel side should have only a small gap between the outside Shim Washer and the Cotter Pin

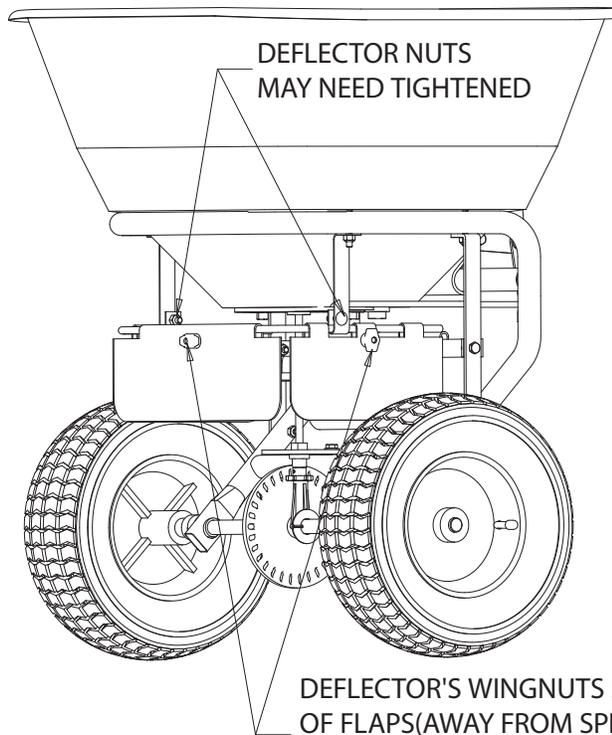




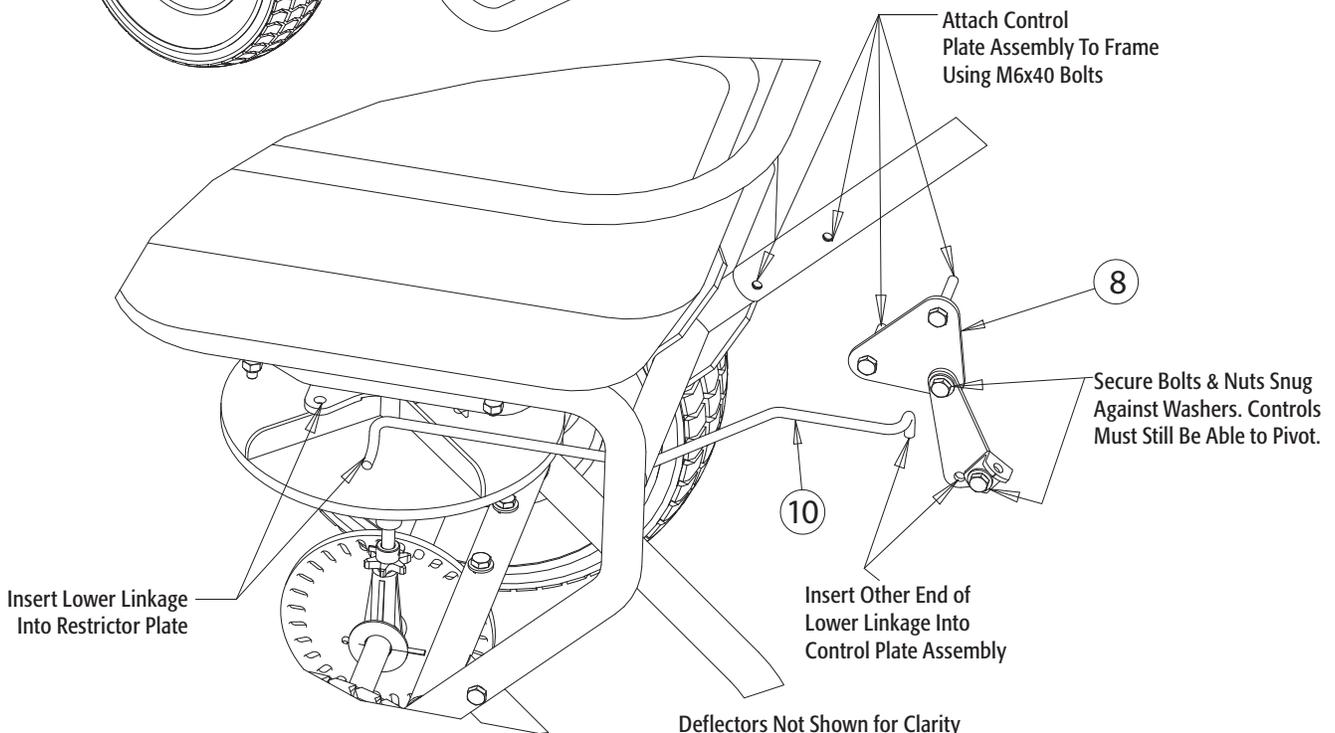
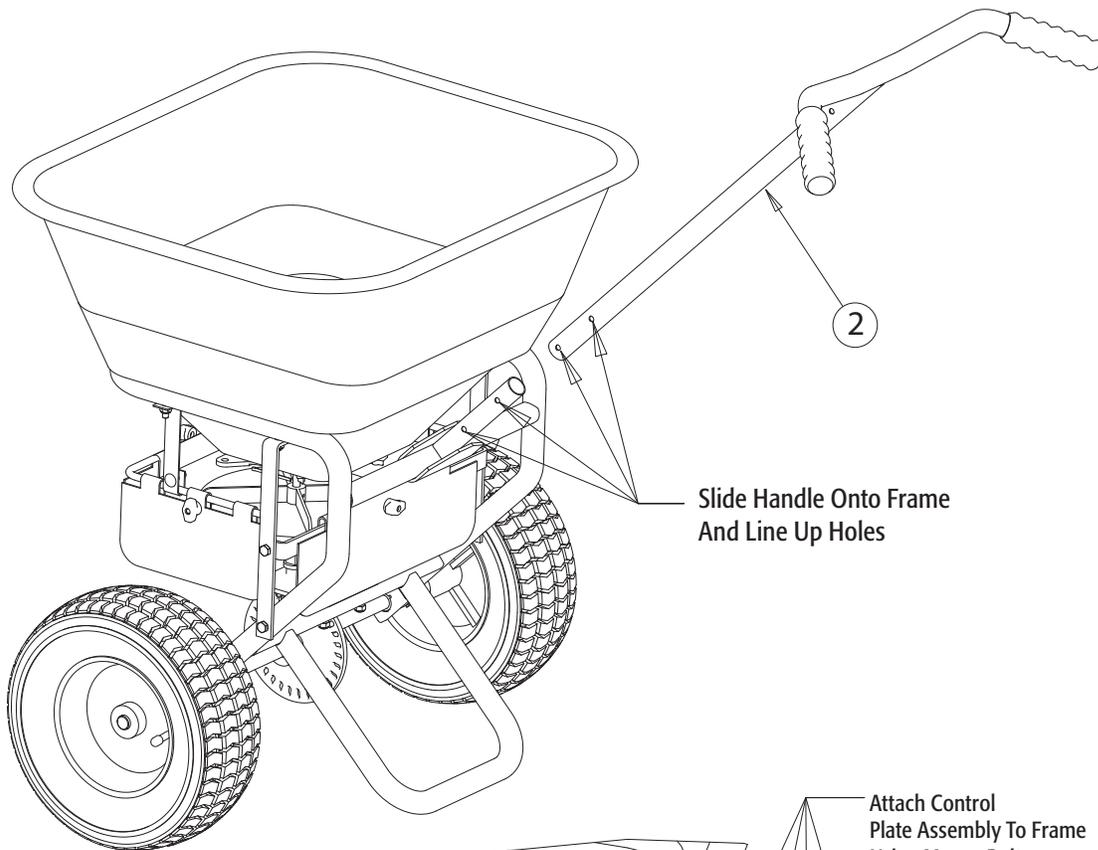
6. Use two m6x40 bolts to fasten the lower part of the Hopper Support Brackets to the Frame. Position the Spinner Shaft Straight and then using four m6x40 bolts with smaller washers, loosely assemble the Hopper Assembly(3), the Deflector Assembly(5), and the Hopper Support Brackets(15) to the Frame. The Spinner Shaft will go through a hole in the bottom of the Hopper Assembly.



MAKE SURE PINION IS MESHED WITH LARGE DRIVE GEAR AND TIGHTEN BOLTS



- 7.** Fully tighten the Hopper Assembly to the Frame.
- 8.** Check that the Axle rotates freely, the gears interface well and tighten the Support Bracket to the Frame.

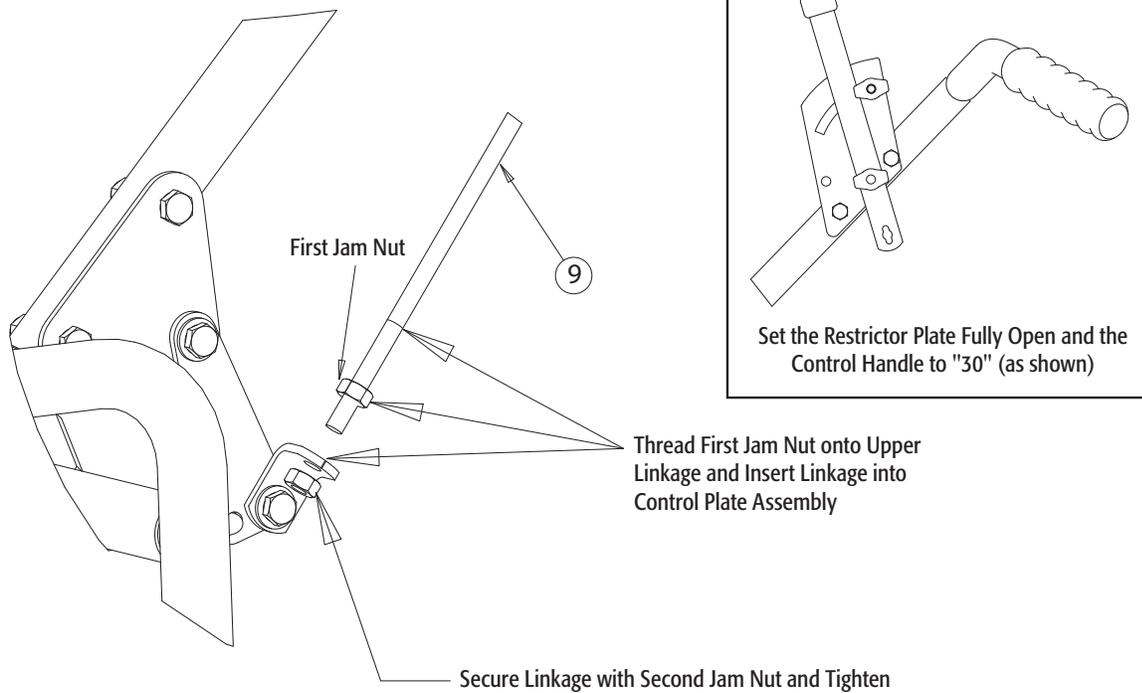
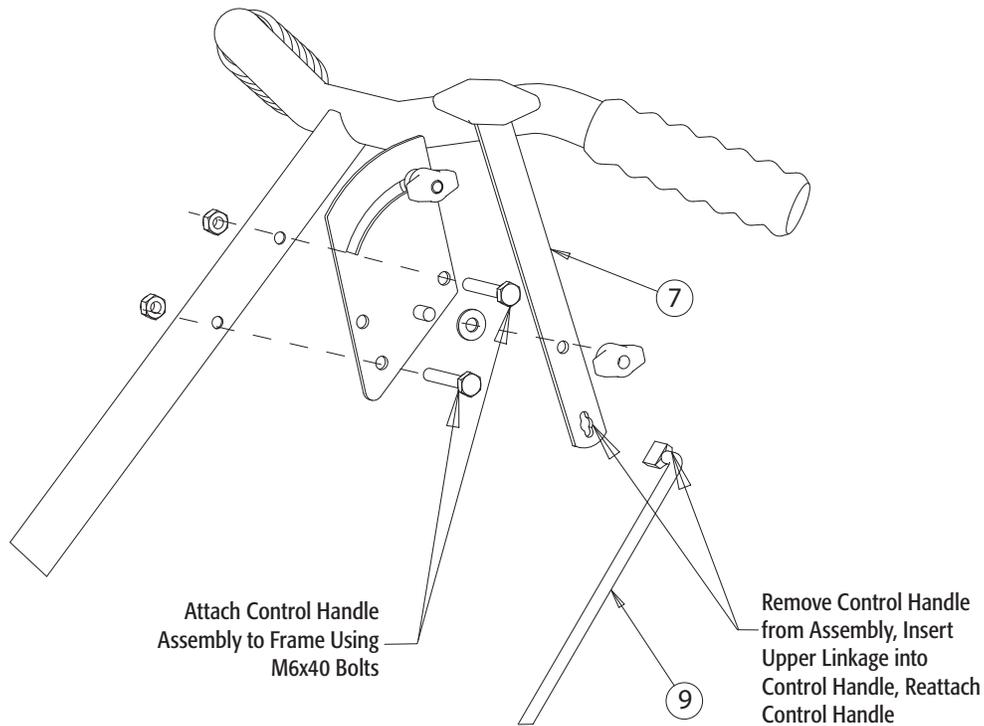


9. Slide the Handle(2) onto the Frame & line up the holes.

10. Insert the Lower Linkage(10) into the Restrictor Plate pre-attached to the bottom of the Hopper

11. Insert the other end of the Lower Linkage into the Linkage Plate Assembly(8) as shown.

12. Attach the Linkage Plate Assembly to the Frame using m6x40 bolts. Secure pivot bolts so nuts are snug (but not tight) against washers. Controls must be able to pivot freely.

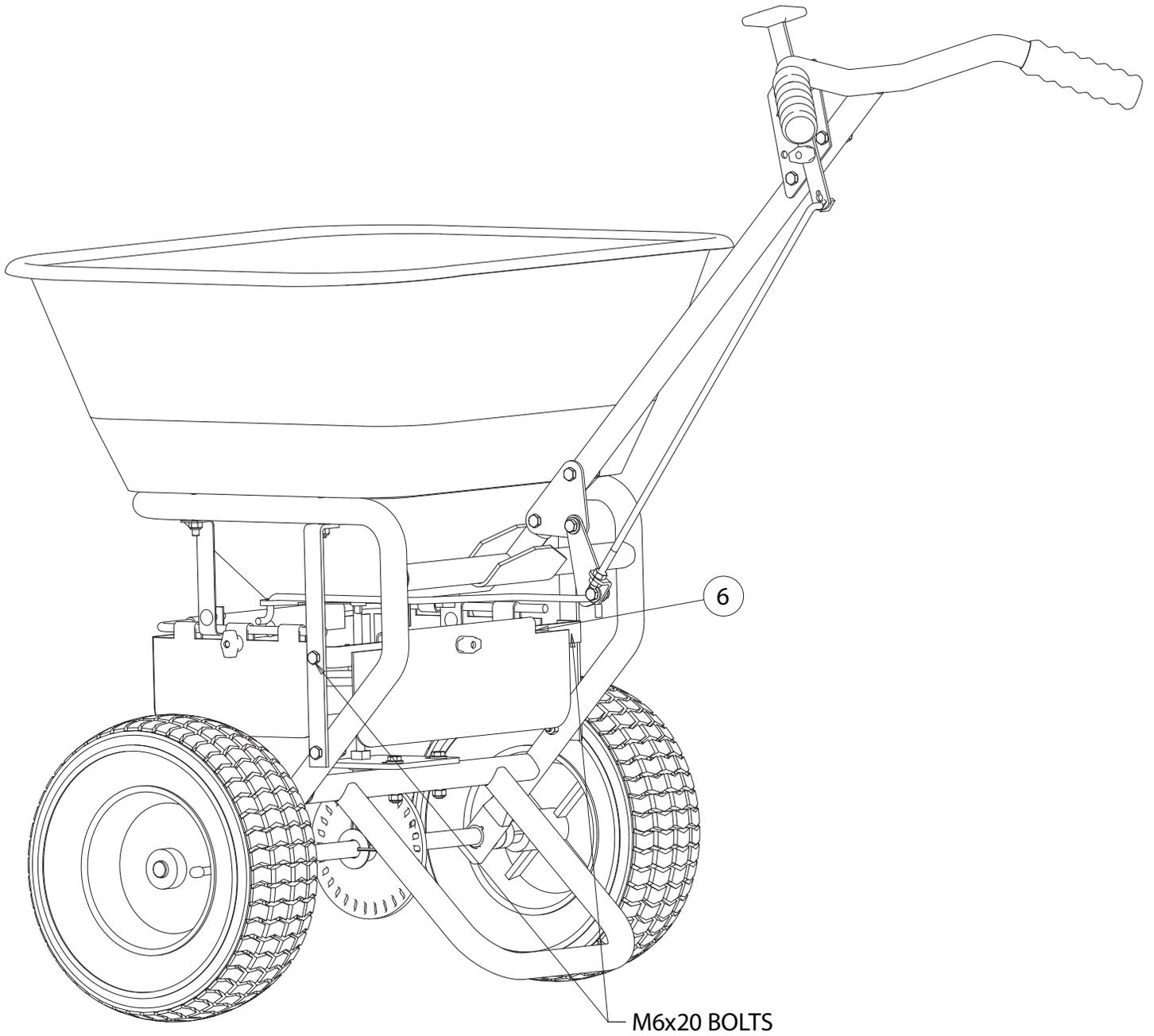


13. Attach the Control Handle Assembly(7) to the Frame using m6x40 bolts.

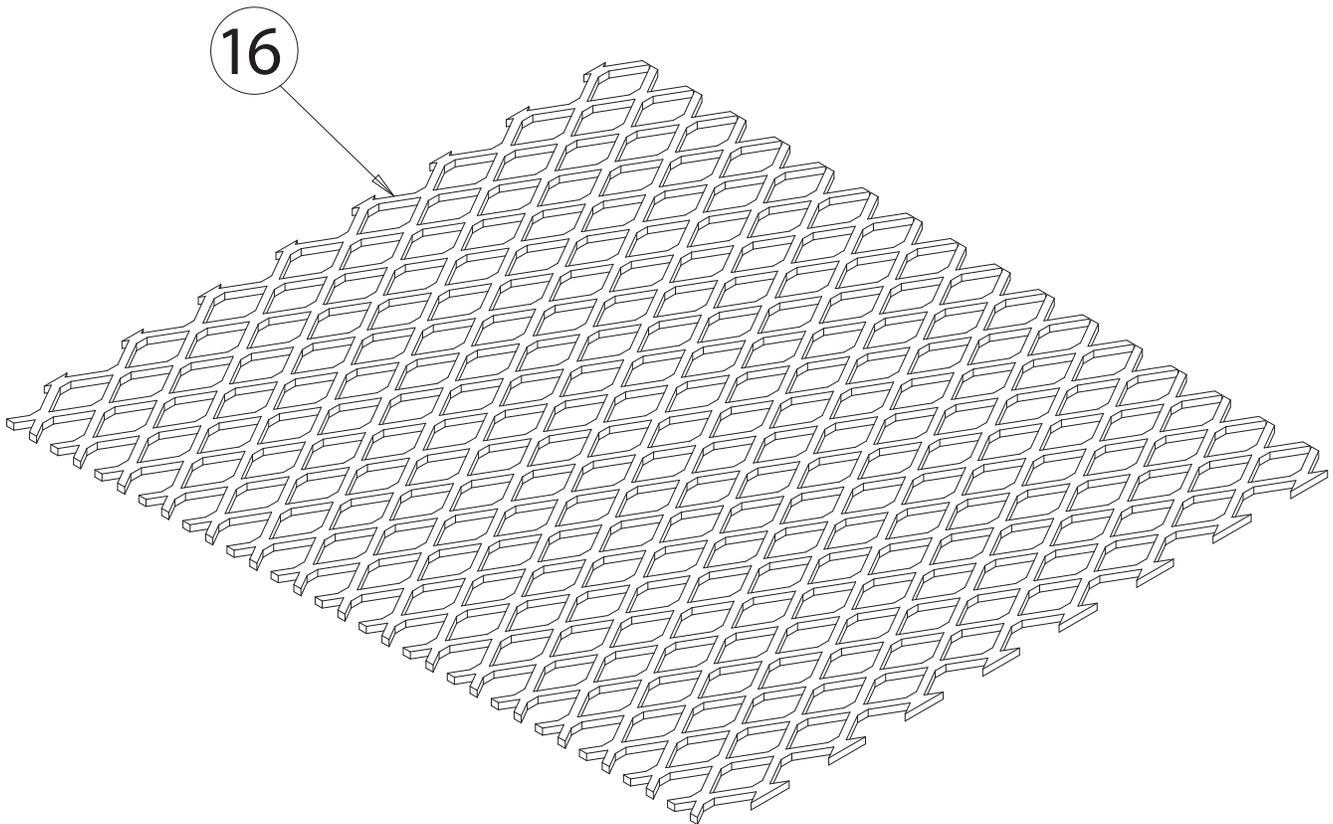
14. Insert Upper Linkage(9) into the Control Handle.

15. Set the controls by first adjusting the Restrictor Plate so it is fully open. Next remove the Second Jam

Nut from the Upper Linkage and insert the Upper Linkage into the small bracket of the Linkage Plate Assembly. Next set the Control Handle to "30" and adjust the First Jam Nut so it is flush against the small bracket. Now reattach the Second Jam Nut and tighten with two 1/2" wrenches.



16. Using two m6x20 bolts, attach the Rear Deflector Assembly(6) to the Hopper Support Brackets(as shown)



17. Double check that all hardware is tight and the drive system turns properly (it should feel a bit snug).

18. Place the screen(16) inside the hopper.

Operation

- 1.** Before filling Hopper, ensure that the Restrictor Plate is fully closed and the Screen is in place.
- 2.** Move and tighten the stop bolt to the desired setting.
- 3.** Add material and place rain cover over hopper if desired.
- 4.** Begin moving forward with the spreader.
- 5.** Pull the Control Handle back to the stop bolt to open Restrictor Plate and allow material to flow.
- 6.** Before stopping, push the Control Handle fully forward to stop flow.

Maintenance

- 1.** The Hopper and Spinner should be completely emptied and cleaned before storage.
- 2.** The Spreader should be washed and dried before storage.

- 3.** Check that the Restrictor Plate and Linkage move freely. Clear out any debris between the Restrictor Plate and the Hopper.
- 4.** Check that there is no debris in the Gears and that they move freely.
- 5.** Check torque of all fasteners on a monthly basis.

Operation Notes:

- 1.** The spreader is designed to be operated at a brisk walking pace. Walking slower or faster will alter the distribution pattern and amount of the material, as will the moisture content of the material and other environmental factors.
- 2.** Grease may be applied to the Pinion and Large Drive Gear as desired.

CAUTION

When filling hopper, make certain there are no large objects within the material. Objects larger than the openings in the Screen may cause the spreader to clog or even damage the drive system. Never leave material in the hopper when not in use.

