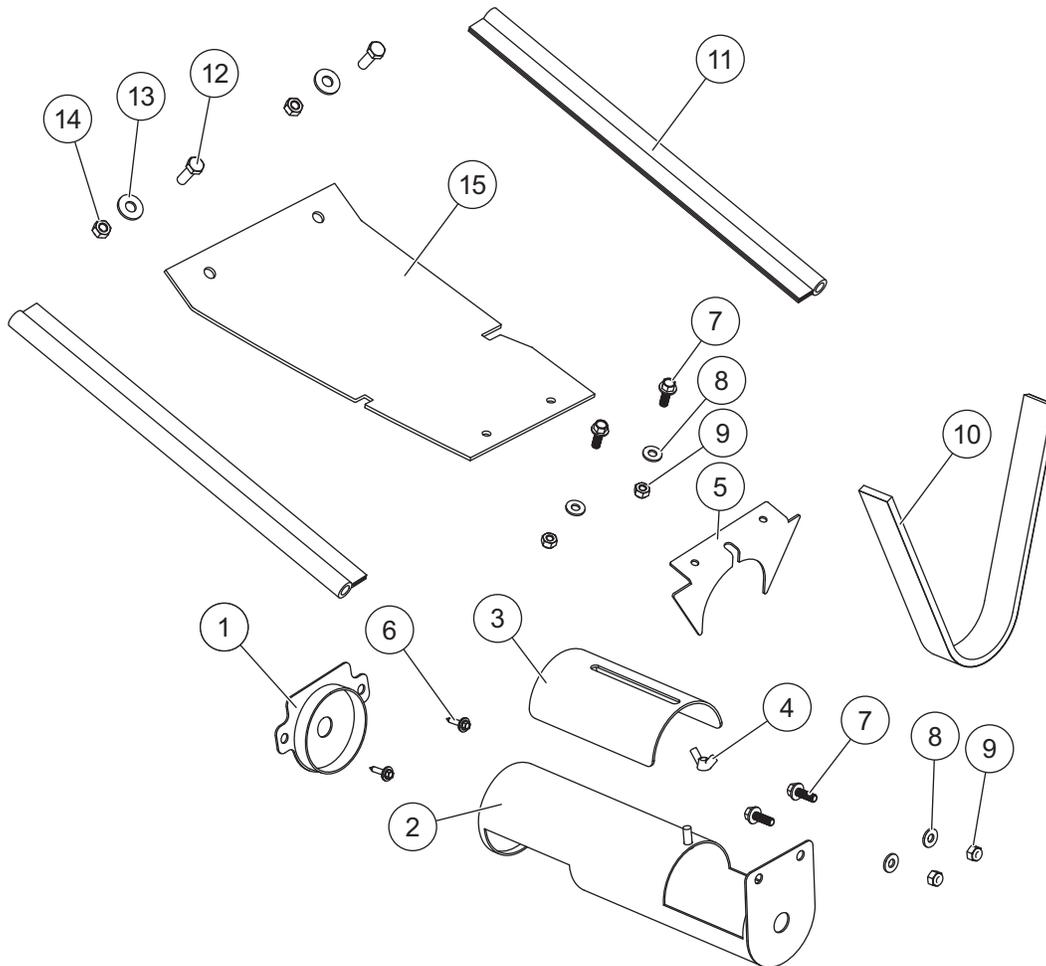


Auger Tube Restrictor Kit

5.25 ft³ Tailgate Spreaders

PARTS LIST



| TRK-1575, 75913 Auger Tube Restrictor Kit | | | | | | | |
|---|-------|-----|--|----------------------|--------|-----|--------------------------------------|
| Item | Part | Qty | Description | Item | Part | Qty | Description |
| 1 | 74112 | 1 | Auger End Cap | 9 | | 4 | 1/4-20 Hex Locknut SS |
| 2 | 74117 | 1 | Auger Tube | 10 | T30012 | 1 | Foam, 18" |
| 3 | 74118 | 1 | Gate Slide | 11 | T30008 | 1 | Edge Grip Seal, 30" |
| 4 | | 1 | 1/4-20 Wing Nut SS | 12 | | 2 | 5/16-18 x 1 Hex Cap Screw |
| 5 | 74124 | 1 | Baffle Bracket | 13 | | 2 | 5/16 Flat Washer |
| 6 | | 2 | #8 x 3/4 Driller Screw | 14 | | 2 | 5/16-18 Hex Locknut |
| 7 | | 4 | 1/4-20 x 3/4 Serrated Flange Hex Cap Screw SS | 15 | 75870 | 1 | Material Baffle |
| 8 | | 4 | 1/4 Flat Washer SS | ns | | 11 | 1/4 x 3/4 x 1/2 Push Retainer, Black |
| | | | | ns | | 6 | 3/16 x .354 Rivet, Black Aluminum |
| ns = not shown | | | | SS = Stainless Steel | | | |

⚠ WARNING

Do not exceed GVWR or GAWR ratings as found on the driver-side vehicle door cornerpost.

⚠ CAUTION

Read this document before installing the auger tube restrictor kit.

⚠ CAUTION

Use standard methods and practices when attaching spreader and installing accessories, including proper personal protective safety equipment.

TORQUE CHART

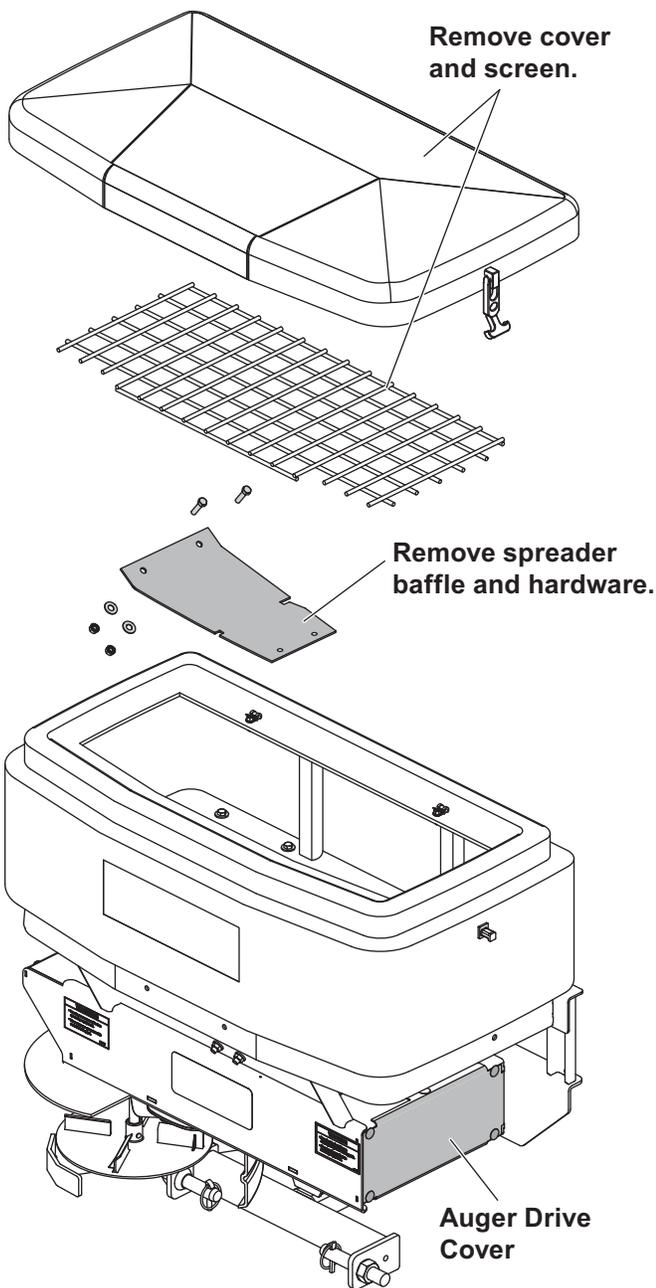
| Recommended Fastener Torque Chart | | | | | |
|--|---|--|------------|---|--|
| Inch Fasteners Grade 5 and Grade 8 | | | | | |
| Size | Torque (ft-lb) | | Size | Torque (ft-lb) | |
| |  Grade 5 |  Grade 8 | |  Grade 5 |  Grade 8 |
| 1/4-20 | 8.4 | 11.9 | 9/16-12 | 109 | 154 |
| 1/4-28 | 9.7 | 13.7 | 9/16-18 | 121 | 171 |
| 5/16-18 | 17.4 | 24.6 | 5/8-11 | 150 | 212 |
| 5/16-24 | 19.2 | 27.3 | 5/8-18 | 170 | 240 |
| 3/8-16 | 30.8 | 43.6 | 3/4-10 | 269 | 376 |
| 3/8-24 | 35.0 | 49.4 | 3/4-16 | 297 | 420 |
| 7/16-14 | 49.4 | 69.8 | 7/8-9 | 429 | 606 |
| 7/16-20 | 55.2 | 77.9 | 7/8-14 | 474 | 669 |
| 1/2-13 | 75.3 | 106.4 | 1-8 | 644 | 909 |
| 1/2-20 | 85.0 | 120.0 | 1-12 | 704 | 995 |
| Metric Fasteners Class 8.8 and 10.9 | | | | | |
| Size | Torque (ft-lb) | | Size | Torque (ft-lb) | |
| |  Class 8.8 |  Class 10.9 | |  Class 8.8 |  Class 10.9 |
| M6 x 1.00 | 7.7 | 11.1 | M20 x 2.50 | 325 | 450 |
| M8 x 1.25 | 19.5 | 26.9 | M22 x 2.50 | 428 | 613 |
| M10 x 1.50 | 38.5 | 53.3 | M24 x 3.00 | 562 | 778 |
| M12 x 1.75 | 67 | 93 | M27 x 3.00 | 796 | 1139 |
| M14 x 2.00 | 107 | 148 | M30 x 3.50 | 1117 | 1545 |
| M16 x 2.00 | 167 | 231 | M33 x 3.50 | 1468 | 2101 |
| M18 x 2.50 | 222 | 318 | M36 x 4.00 | 1952 | 2701 |
| These torque values apply to fasteners except those noted in the instructions. | | | | | |

INSTALLATION INSTRUCTIONS

1. Park the vehicle on a smooth, level, hard surface, such as concrete. Turn the vehicle ignition to the "OFF" position and remove the key.
2. Empty hopper of all material. Remove the spreader power plug from the truck wire harness. Ensure that spreader is not powered. If desired, remove spreader from truck for ease of access to auger and baffle components.

Disassembly

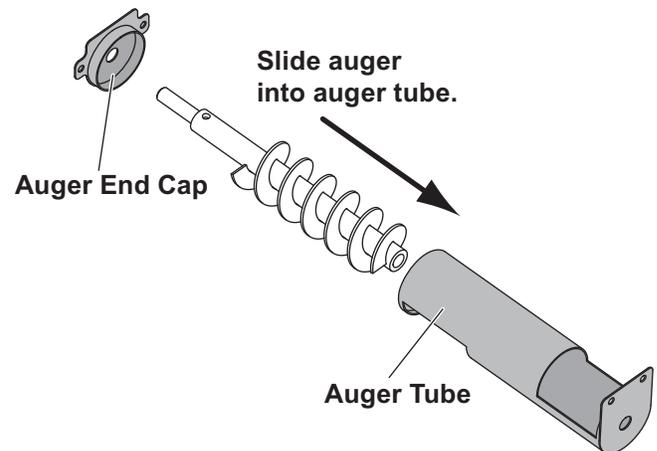
1. Remove the cover and top screen. Set them and all associated hardware aside.
2. Remove the spreader baffle and associated hardware. Set all aside. The vibrator mounting plate does not have to be removed.
3. Loosen the auger set screw. The set screw is on the auger in the spreader tub and connects the gear box output shaft to the auger. If the set screw is not visible, the auger may need to be rotated. If necessary, remove the spreader tub from the frame to loosen the two bearing set screws.



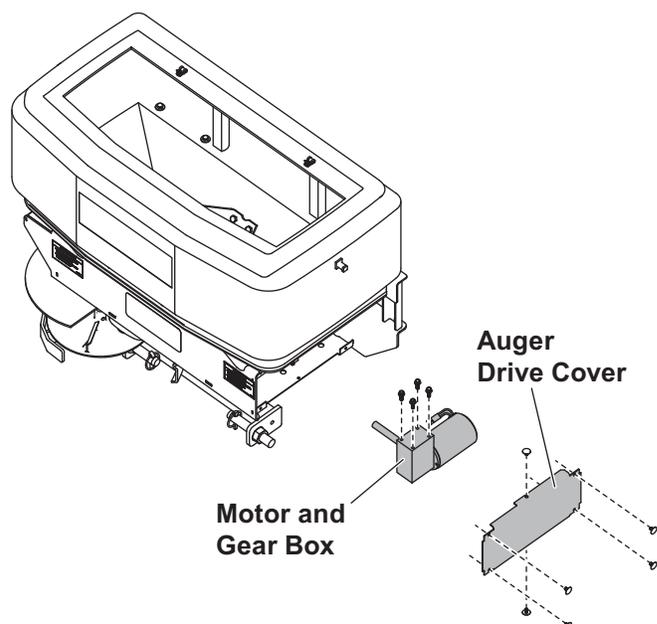
4. Remove the auger drive cover. Set the cover and all hardware aside. Remove all four bolts that hold the motor and gear box to the frame. Slide the motor and gear box out of the frame. Once the gear box is removed, the auger can be removed.

Reassembly/Installation

1. Slide the auger into the auger tube. Place the auger end cap on the auger tube and install the foam seal as needed to prevent material from falling out of the auger tube. Replace all components back into the spreader tub in the reverse order they were removed.



2. Install the motor and gear box back into the frame. The gear box output shaft will slide into the auger as before. Attach the gear box mounting hardware to the hopper frame and tighten fasteners finger tight. Make sure that the auger set screw is on the flat of the gear box output shaft and tighten it down. Once the auger set screw is fully tightened, tighten the gear box mount bolts according to the torque chart.

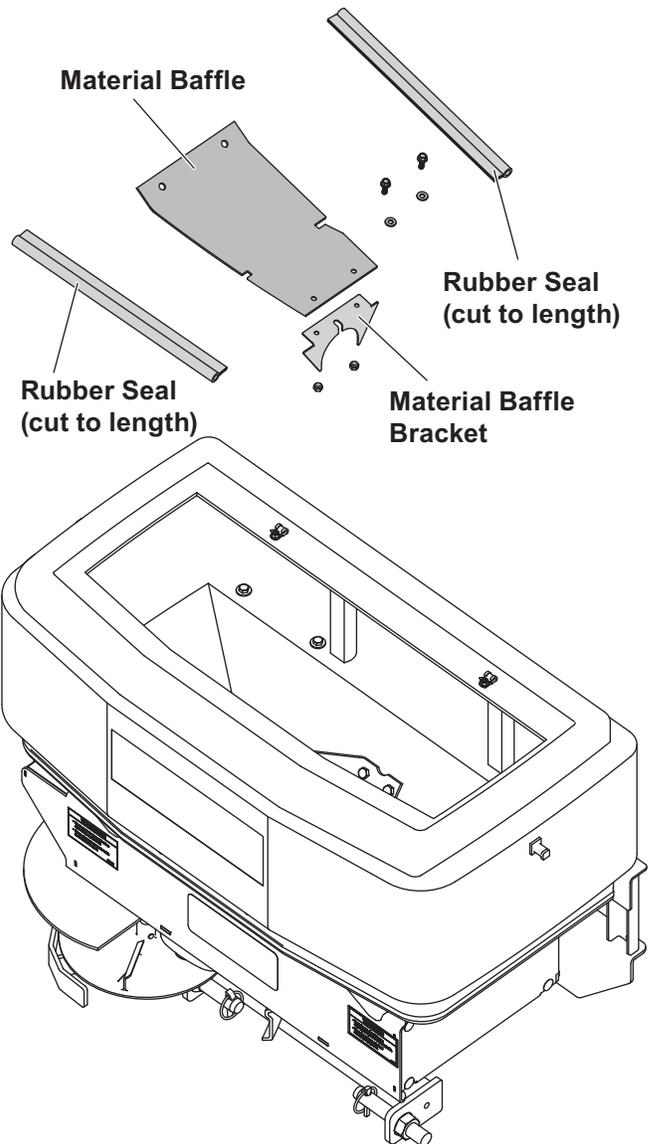


3. Position the auger so that the auger and auger tube sit unobstructed in the hopper tub. Once the tube is positioned, mark the mounting holes on the auger gear box side position.

⚠ CAUTION

Before drilling holes, check to be sure that no wiring or other components could be damaged.

4. Drill 5/16" holes in designated spots and insert the hardware. Tighten the fasteners finger tight. On the spinner motor side, mark the mounting position of the end cap and use the #8 tapping screws to attach the mounting end cap to the hopper tub. Tighten all hardware according to the torque chart.
5. Using the material baffle bracket and the material baffle that was set aside earlier, line up the baffle bracket and mark the position. Drill the 3/16" holes in the baffle where marked. Install the hardware. Tighten fasteners according to the torque chart.
6. Set the baffle in and align the bracket against the auger tube. Mark the position for the bracket hardware on the baffle. Drill holes in the baffle and install the hardware.
7. Once the baffle bracket and baffle are combined, install the rubber seals around both. The rubber seals will need to be cut to length. Then mount the baffle and seals to the hopper tub with the hardware. If necessary, drill new holes for the baffle to attach it to the hopper tub.



8. Reinstall the auger drive cover with the supplied black push retainers. Reinstall the top screen and spreader cover.

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