# Baffle Extension Kits
## Two-Stage Tailgate Spreaders

## PARTS LIST

<table>
<thead>
<tr>
<th>Item</th>
<th>Part</th>
<th>Qty</th>
<th>Description</th>
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</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>83216</td>
<td>1</td>
<td>Weldment, Baffle Extension</td>
<td>ns</td>
<td>88800</td>
<td>1</td>
<td>Bolt Bag</td>
</tr>
<tr>
<td>2</td>
<td>83214</td>
<td>1</td>
<td>Plate, Baffle Extension</td>
<td></td>
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<td></td>
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<tr>
<td>3</td>
<td></td>
<td>2</td>
<td>1/4-20 x 1 Hex Cap Screw, SS</td>
<td>5</td>
<td></td>
<td>2</td>
<td>1/4-20 Hex Locknut GB, SS</td>
</tr>
<tr>
<td>4</td>
<td></td>
<td>2</td>
<td>1/4 Flat Washer Type A Narrow</td>
<td></td>
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**88800 Bolt Bag**

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1 = not shown

SS = Stainless Steel

G = Grade

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A DIVISION OF DOUGLAS DYNAMICS, LLC

May 1, 2017
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INSTALLATION INSTRUCTIONS

5. After marking the holes, remove the baffle plate by removing the two 5/16" bolts that secure it to the hopper. Set the bolts aside.

6. Use a 9/32" drill bit to drill the holes marked on the baffle plate.

7. Attach the baffle extension to the plate baffle using 1/4" x 1" cap screws, 1/4" locknuts, and 1/4" flat washers.

8. Set the baffle extension to the desired opening.

9. Reattach the baffle using the two 5/16" bolts removed in step 5.

10. Reinstall the top screen (if removed) and the lid.

Installing the Baffle Extension on a 5.25 Cu Ft Spreader

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 all material from the hopper.

3. Remove the lid and top screen (if needed) and set aside.

4. Place the new baffle extension over the auger opening in the fully closed position. Use the slots in the baffle extension as a template to mark two holes on the baffle plate.

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**WARNING**

Do not exceed GVWR or GAWR, including blade and ballast. The rating label is found on the DRIVER-SIDE vehicle door cornerpost.

**CAUTION**

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

**WARNING**

Do not exceed GVWR or GAWR, including blade and ballast. The rating label is found on the DRIVER-SIDE vehicle door cornerpost.

**CAUTION**

Read this document before installing the baffle extension.

**CAUTION**

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

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**CAUTION**

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

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**CAUTION**

Read this document before installing the baffle extension.
Installing the Baffle Extension Kit on a 9.0 Cu Ft Spreader

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 all material from the hopper.

3. Remove the lid and top screen (if needed) and set aside.

4. Remove the inverted-V by removing the two 3/8" nuts and 5/16" bolts that secure the inverted-V to the hopper. Set the fasteners aside.

5. Place the new baffle extension on the baffle plate to fully cover the auger. Use the slots in the baffle extension as a template to mark two holes on the baffle plate.

   NOTE: The extension plate will not fully close the auger opening.

6. After marking the holes, remove the baffle plate by removing the two 5/16" bolts that secure it to the hopper. Set the bolts aside.

7. Use a 9/32" drill bit to drill the holes marked on the baffle plate.

8. Attach the baffle extension to the plate baffle using 1/4" x 1" cap screws, 1/4" locknuts, and 1/4" flat washers.

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

9. Set the baffle extension to the desired opening.

10. Reattach the baffle using the two 5/16" bolts removed in step 6.

11. Reattach the inverted-V using the fasteners removed in step 4.

12. Reinstall the top screen (if removed) and the lid.