Clutch Kit
Gas Steel Hopper Spreaders

PARTS LIST

<table>
<thead>
<tr>
<th>Item</th>
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<th>Qty</th>
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<tbody>
<tr>
<td>1</td>
<td>74959</td>
<td>1</td>
<td>Electric Clutch</td>
<td>4</td>
<td>68621</td>
<td>4</td>
<td>3/8-16 x 1-1/4 Carriage Bolt</td>
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<tr>
<td>2</td>
<td>67076</td>
<td>2</td>
<td>1/4-20 Hex Locknut GB</td>
<td>5</td>
<td></td>
<td>4</td>
<td>Spacer Plate, 3/16&quot;</td>
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<td>3</td>
<td>67072</td>
<td>2</td>
<td>1/4-20 x 1-1/4 Hex Cap Screw SS</td>
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G = Grade
SS = Stainless Steel

INSTALLATION INSTRUCTIONS

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

⚠️ CAUTION
Read this document before installing the clutch kit.

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

Remove the Old Clutch

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. Disconnect the spreader harnesses from the vehicle.
2. Remove the engine cover.
3. Loosen and remove the spinner drive chain.
4. Loosen the engine mounting base hardware. Move the engine mounting base in order to loosen and remove the primary roller chain.
5. Remove the two sprockets from the clutch and shaft.
6. Disconnect the clutch's electrical connector.
7. Remove the two torque arm bolts.
8. Remove the electric clutch from the drive shaft.
Verify Clutch Height

If the new clutch doesn't match the one being replaced, you may need to shim the engine mounting base to maintain proper spacing between the roller chains. Measure the height of the clutches as shown below.

1. Remove the rear engine mounting base hardware. Discard the carriage bolts, but retain the lock washers and nuts for reuse.

2. Lift the engine mounting base and slide the necessary number of spacer plates underneath.

3. Install one of the provided carriage bolts and reinstall one of the lock washers and nuts retained in Step 1. Do not tighten at this time.

4. Repeat Steps 1–3 for the front set of mounting hardware.

Install the New Clutch and Finish Installation

1. Install the new clutch onto the drive shaft using anti-seize lubricant.

2. Reinstall the two torque arm bolts.

3. Connect the clutch’s electrical connector.

4. Reinstall the two sprockets to the clutch and shaft.

5. Reinstall the primary roller chain. Tighten the chain by sliding the engine mounting base, and then tighten the mounting bolts.

6. Reinstall the spinner drive chain.

7. Reinstall the engine cover.