SUBJECT: RM Fan Housing Bolt Torque

TO: All Dealer Principals, Service Managers, and Parts Managers

DATE: 06/08/2022
NUMBER: SB-0243

SUBSIDIARY OF FEDERAL SIGNAL CORPORATION

PURPOSE:
Certain RM (RegenX) sweepers may have Fan Housing Bolts that are improperly tensioned. FSO 1140232 must be installed on all affected sweepers.

UNITS TO SERVICE: See list of S/N page 3

SPECIAL TOOLS:
1/2" Torque Wrench calibrated and adjusted for 110 lb-ft.

PROCEDURE:
Certain RM (RegenX) sweepers may have Fan Housing Bolts that are improperly tensioned. FSO 1140232 must be installed on all affected sweepers.

FSO 1140232 provides parts and instructions to update the Fan Housing Assembly Retention. Grade 5 hardware is replaced with new Grade 8 hardware and new spacers must be installed. Bolts must be tightened to 110 lb-ft.

PARTS REQUIRED:

<table>
<thead>
<tr>
<th>Part No.</th>
<th>Qty</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>1140232</td>
<td>1</td>
<td>FSO - FAN HSG RETENTION</td>
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</tbody>
</table>

WARRANTY COVERAGE:
See the Warranty page in this document

1. Order FSO 1140232 for all affected units.
2. Install FSO 1140232 as instructed in the drawing supplied with the kit. (reference FIGURES 1&2)

Contact Elgin Sweeper Service if you do not receive the FSO drawing with the parts.

FIGURE 1
FRONT OF FAN HOUSING

FIGURE 2
REAR OF FAN HOUSING

FSO 1140232 BOM

<table>
<thead>
<tr>
<th>ITEM</th>
<th>PART NUMBER</th>
<th>QTY</th>
<th>DESCRIPTION</th>
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</thead>
<tbody>
<tr>
<td>1</td>
<td>1046927</td>
<td>3</td>
<td>HHCS-.50-13 X2,5 GR8</td>
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<tr>
<td>2</td>
<td>1126151</td>
<td>3</td>
<td>ELN+.500-13, GR8</td>
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<tr>
<td>3</td>
<td>5009121</td>
<td>6</td>
<td>.500 PLNIGHT-A/V</td>
</tr>
<tr>
<td>4</td>
<td>1140229</td>
<td>4</td>
<td>PL-FAN BOLT SPACER</td>
</tr>
<tr>
<td>5</td>
<td>5500120</td>
<td>1</td>
<td>ND-INCL, INSTL, PRINTS</td>
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</table>
Warranty Coverage and Claim Submittal

The ESG dealer should submit a warranty claim for SB-0243 upon completion for any of the affected serial numbers.

Submission must include photo of the completed installation for each unit. See typical photos (FIGURES 3 and 4).

Use the unit serial number and Service Bulletin number for warranty submission in the new warranty system.

0.5 Hours (30 MIN) is allowed for installation of FSO 1140232 parts and testing.

### Coverage Date Range

<table>
<thead>
<tr>
<th>Coverage Date Range</th>
<th>Federal Signal</th>
<th>Dealer Suggested</th>
<th>Customer Suggested</th>
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</thead>
<tbody>
<tr>
<td></td>
<td>Parts %</td>
<td>Labor %</td>
<td>Parts %</td>
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<tr>
<td>Group 1</td>
<td>100%</td>
<td>100%</td>
<td>0%</td>
</tr>
</tbody>
</table>

### Typical photos for warranty submission

- **Front Bolt w/Spacers** (FIGURE 3)
- **Rear Bolts w/Spacers** (FIGURE 4)