Counterweight - Remove and Install

SMCS - 7056-011; 7056-012

Removal Procedure

<table>
<thead>
<tr>
<th>Tool</th>
<th>Part Number</th>
<th>Part Description</th>
<th>Qty</th>
</tr>
</thead>
<tbody>
<tr>
<td>A</td>
<td>138-7573</td>
<td>Link Bracket</td>
<td>2</td>
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</tbody>
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Start By:

A. Remove the engine hood. Refer to Disassembly and Assembly, "Engine Hood - Remove" for the correct removal procedure.

WARNING

Personal injury or death can occur from a counterweight falling during removal or installation.

Do not allow personnel under or around the counterweight during removal or installation.

Make sure that the lifting device is in good condition and is capable of handling the weight of the counterweight.
1. A supplementary counterweight may be present on some machines of this model.

   **Note:** Remove the bolts and the supplementary counterweight.

2. Remove bolts (1), and remove panel (2) from the left side of the machine.
3. Remove bolts (3) and remove panel (4) from the right side of the machine.

4. Use Tooling (A) and a suitable lifting device to support counterweight (5).
5. Remove bolt (6) from the left side of counterweight (5).

6. Remove bolt (7) from the right side of counterweight (5).

7. Remove bolt (8) from the center of counterweight (5).

8. Use Tooling (A) and a suitable lifting device to remove counterweight (5) from the upper structure. The approximate combined weight of the counterweight is 372 kg (820 lb).

Note: SERVICE DATA: IN ORDER TO OBTAIN THE PROPER CLEARANCE, THE LIFTING DEVICE MUST BE AT LEAST EIGHT FEET IN LENGTH. THIS WILL PREVENT DAMAGE TO THE RADIATOR.
Remove shims (9).

**Installation Procedure**

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Install shims (9) in position.
2. Use Tooling (A) and a suitable lifting device in order to position counterweight (5) to the upper structure. The approximate combined weight of the counterweight is 372 kg (820 lb).

**Note:** SERVICE DATA: IN ORDER TO OBTAIN THE PROPER CLEARANCE, THE LIFTING DEVICE MUST BE AT LEAST EIGHT FEET IN LENGTH. THIS WILL PREVENT DAMAGE TO THE RADIATOR.

3. Install center bolt (8) in order to secure the counterweight (5).
4. Install right hand bolt (7) in order to secure the counterweight (5).

5. Install left hand bolt (6) in order to secure the counterweight (5).
6. Install panel (4) onto the right side of the machine. Secure the panel with bolts (3).

7. Install panel (2) onto the right side of the machine. Secure the panel with bolts (1).

8. Install the supplementary counterweight if the machine is equipped with the additional counterweight.

**End By:** Install the engine hood. Refer to Disassembly and Assembly, "Engine Hood - Install" for the correct installation procedure.