

## Engine Rear Mount

SMCS - 1152

### Removal Procedure

Start By:

- a. Remove the hood.

Table 1

Required Tools			
Tool	Part Number	Part Description	Qty
A	138-7575	Link Bracket	1

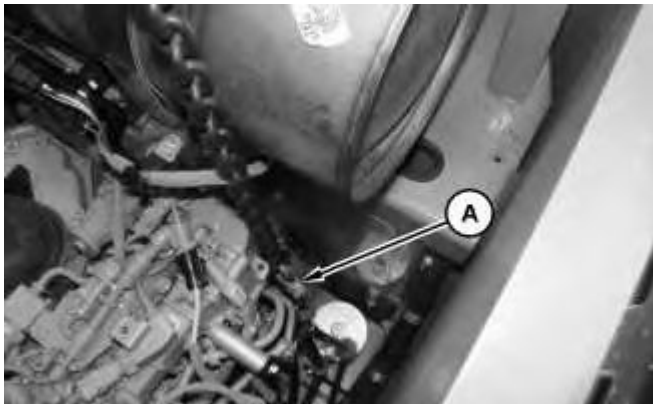
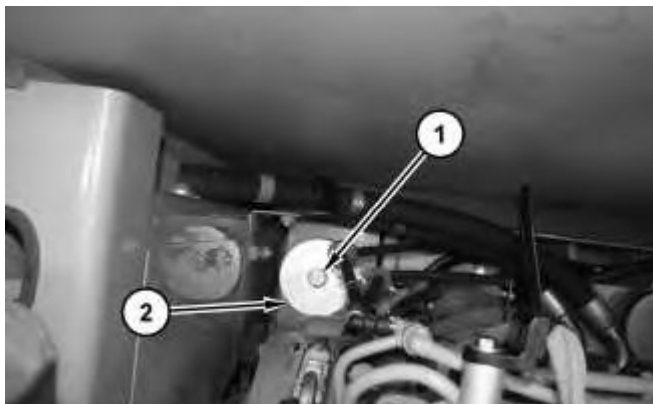


Illustration 1

g02773079

1. Attach a suitable lifting device to the rear of the engine. The weight of the engine is approximately 238 kg (525 lb). Apply slight tension to the suitable lifting device.



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Illustration 2

g02773099

2. Remove bolt (1). Use the suitable lifting device in order to raise the rear of the engine by approximately 25.0 mm (1.00 inch). Remove rear engine mount (2).

## **Installation Procedure**

1. Install rear engine mount (2) in the reverse order of removal.
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## Engine

SMCS - 1000

## Specifications

**Note:** Callouts in the Specifications section do not match the callouts in the Remove and Install sections.

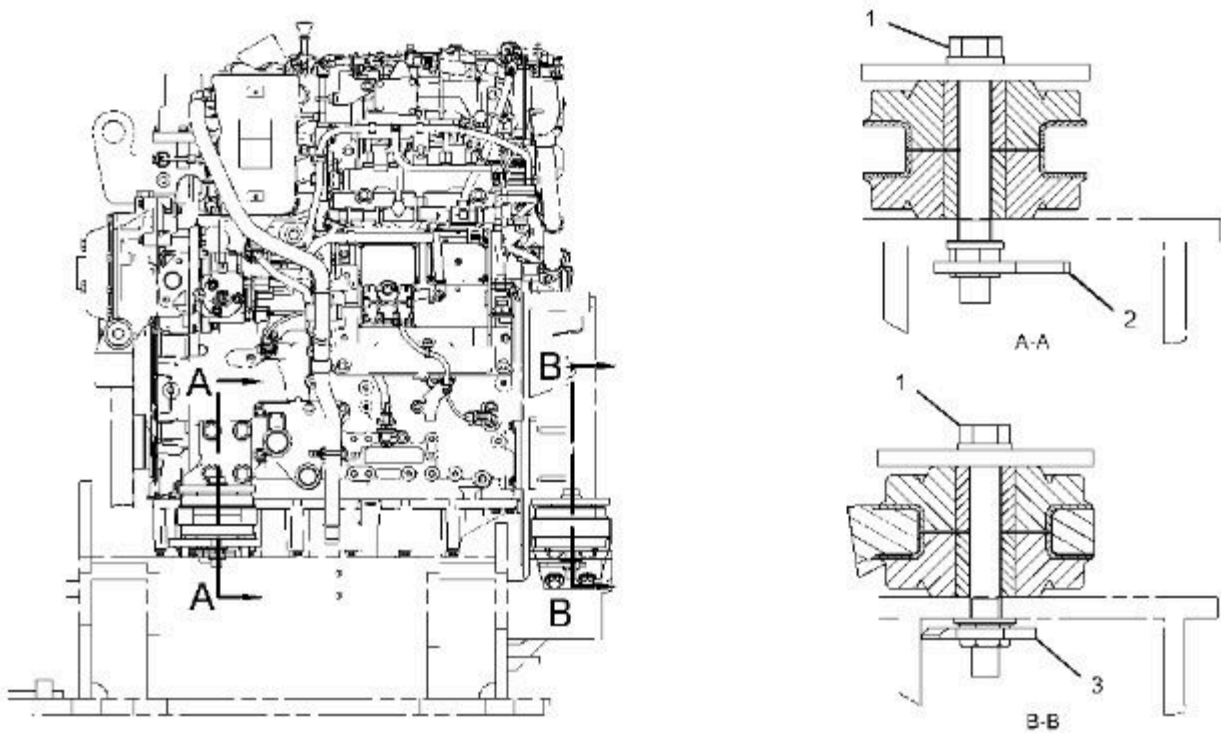


Illustration 1

g02736003

Left side view

Table 1

Specification for 368-7680 Engine Mounting Gp			
Item	Qty	Part Number	Specification Description

1	4	<b>7X-2475 Bolt</b>	Torque to 270 ± 40 N·m (199 ± 30 lb ft).
2	2	<b>118-9941 Support As</b>	Install the support assembly so that the plate is on the bottom. Refer to the illustration for the correct orientation of the support assembly.
3	2	<b>368-4621 Support As</b>	Install the support assembly so that the plate is on the bottom. Refer to the illustration for the correct orientation of the support assembly.

## Removal Procedure

Table 2

Required Tools			
Tool	Part Number	Part Description	Qty
A	1U-9754	Hydraulic Jack	1
B	138-7573	Link Bracket	2

### Start By:

- A. Release the hydraulic system pressure.
- B. Remove hood.
- C. Remove counterweight.

**Note:** Put identification marks on all hoses, on all hose assemblies, on all wires, and on all tube assemblies for installation purposes. Plug all hose assemblies and all tube assemblies. This helps to prevent fluid loss, and this helps to keep contaminants from entering the system.

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### NOTICE

**Keep all parts clean from contaminants.**

**Contamination of the hydraulic system with foreign material will reduce the service life of the hydraulic system components.**

**To prevent contaminants from entering the hydraulic system, always plug or cap the lines, fittings, or hoses as they are disconnected. Cover any disassembled components and clean them properly before assembly.**

**Clean the hydraulic system properly after any major component exchange or especially after a component failure, to remove any contamination.**

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