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## Radiator Installation

<b>Job code</b>	ENG55
<b>Summary</b>	Work instructions for the correct installation of the radiator.
<b>Work type</b>	Assembly
<b>Role</b>	Line
<b>Expected time</b>	0.5 hrs
<b>Work cell</b>	2A
<b>Previous job</b>	ENG54
<b>Next job</b>	ENG56
<b>Work order</b>	
<b>Revision</b>	1

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## PREREQUISITES

Safety Gloves must be worn at all times.

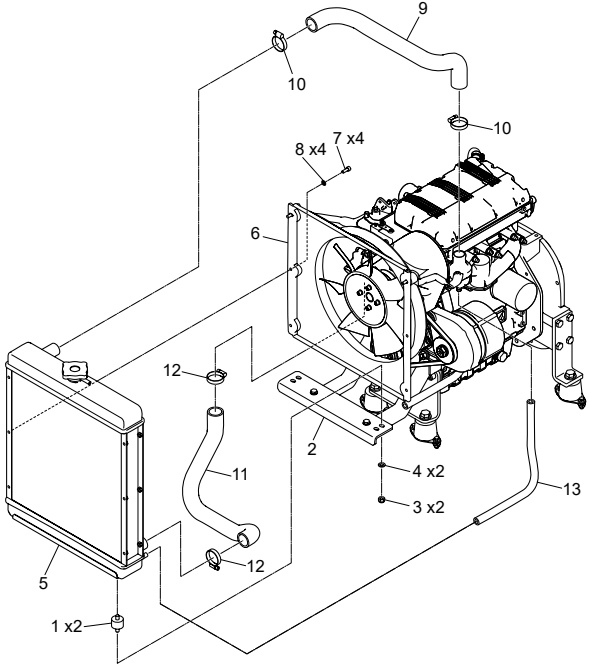
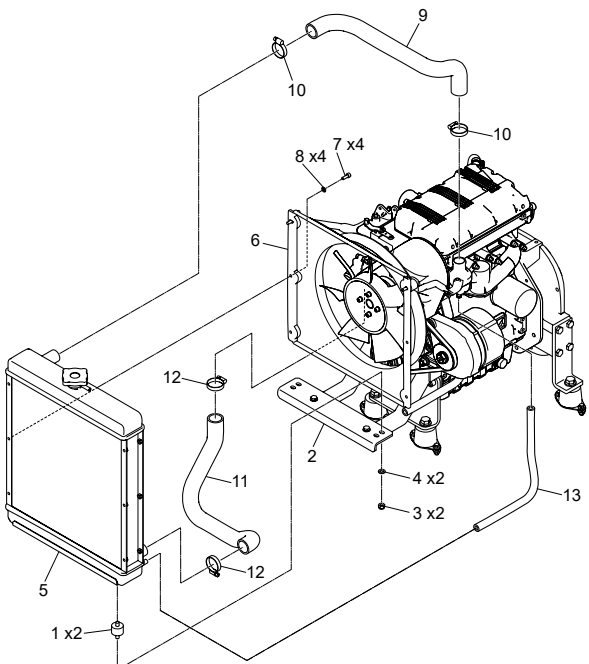
Observe the proper lifting procedures when installing parts.

## PARTS LIST

<b>Part number/ Alternative part number</b>	<b>Description</b>	<b>Quantity</b>
C490-65	Hose Clamp	4
H380-90	Hose	2
H150-50	Hose	1
R846-98	Radiator	1
F986-74	Fan Cover	1
M658-98	Radiator Mount	4
B724-46	Bolt	4
W534-78	Washer	4
N276-38	Nut	2
W867-85	Washer	2
R750-84	Radiator Support	1

## Radiator Installation

№	Task	Illustration
1	<p><b>Install Radiator Mounts</b></p> <p>1.1 Install <a href="#">Radiator Mounts</a> (1) on <a href="#">Radiator Support</a> (2) and secure with <a href="#">Nuts</a> (3) and <a href="#">Washers</a> (4).</p>	
2	<p><b>Install Radiator</b></p> <p>2.1 Install <a href="#">Radiator</a> (5) on <a href="#">Radiator Mounts</a> (1).</p> <p>2.2 Secure <a href="#">Radiator</a> (5) to <a href="#">Fan Cover</a> (6) with <a href="#">Bolts</a> (7) and <a href="#">Washers</a> (8).</p>	

№	Task	Illustration
	<p>2.3 Tighten to 10 N*m using Torque Wrench.</p>	 <p>The diagram shows an exploded view of an engine assembly. A hose (9) is shown being connected to the top of the engine. Two hose clamps (10) are shown being used to secure the hose. Other components are labeled with callouts: 1 (1 x2), 2, 3 (3 x2), 4 (4 x2), 5, 6, 7 (7 x4), 8 (8 x4), 11, 12, and 13. The engine is mounted on a base (2) with various fasteners (3, 4, 5, 6, 7, 8, 11, 12, 13).</p>
<p>3</p>	<p><b>Install Top Hose</b></p> <p>3.1 Install <a href="#">Hose</a> (9) on top of engine and secure with <a href="#">Hose Clamps</a> (10).</p>	 <p>This diagram is identical to the one above, showing the exploded view of the engine assembly with hose (9) and hose clamps (10) being installed. The callouts for components 1 through 13 are the same as in the previous illustration.</p>

№	Task	Illustration
4	<p><b>Install Bottom Hose</b></p> <p>4.1 Install <a href="#">Hose</a> (11) on bottom of engine and secure with <a href="#">Hose Clamps</a> (12).</p>	
5	<p><b>Install Side Hose</b></p> <p>5.1 Install <a href="#">Hose</a> (13) on right of engine.</p>	