



## INSTRUCTION TO SERVICE

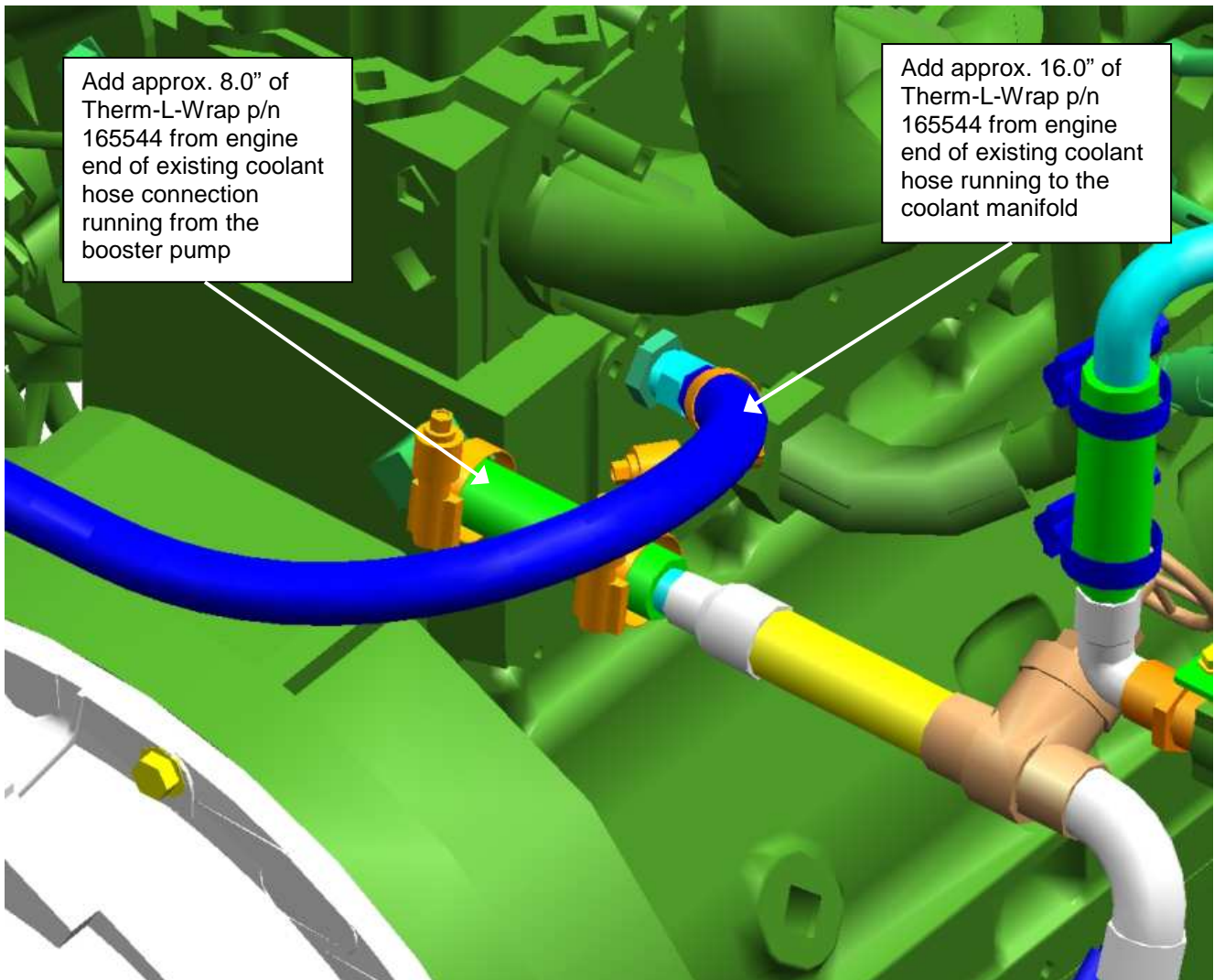
ITS: 5487	
<b>SECTION:</b>	231 Cooling System
<b>WRITTEN BY:</b>	Mike Pearson
<b>SUBJECT:</b>	Add Thermo-L-wrap to coolant lines

# ITS5487

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**PROCEDURE:**

1. Turn the main battery disconnect switch to the “OFF” position.
2. Open the interior engine access door.
3. Locate the coolant line that runs from the booster pump to the rear of the engine. Wrap the existing silicone hose connection leading from the engine with enough Thermo-L-wrap p/n 165544 to completely cover the hose (approx. 8.0”). See Figure 1.
4. Locate the coolant supply line that runs from the rear of the engine to the curb side port on the coolant manifold . Wrap the existing coolant hose running between the engine and the first set of support clamps with Thermo-L-wrap p/n 165544 to completely cover the hose (approx. 16.0”).. See Figure 1.



**Figure 1: Coolant hose locations**

5. Close the interior engine access door.
6. Turn the main battery disconnect switch to the “ON” position.



<b>LABOUR ESTIMATE</b>				
	Operation	Men	Hours	Labour Time M X HR
1	Add Thermo-L-wrap to coolant lines	1	0.5	0.5

<b>PARTS REQUIRED</b>					
Item	Part Number	Description	Qty. per Coach	Units	Notes
1	165544	Loom-Therm-L-Wrap 1"	0.7	EA	Comes in 36" length

<b>SPECIAL TOOLS REQUIRED</b>					
Item	Part Number	Description	Qty. per Coach	Units	Notes
1	N/A	N/A	N/A	EA	