1021G
1121G
Tier 4B (Final)
Wheel Loader

OPERATOR'S MANUAL

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CASE CONSTRUCTION

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SCR-In Line Supply Filter:

- Service Intervals Hrs: **500 h**
- Time to Service: (hours remaining until service is due)



LE/L16WHL0585AA 37

Hydraulic Oil Filter:

- Service Intervals Hrs: **1000 h**
- Time to Service: (hours remaining until service is due)



LE/L16WHL0586AA 38

Drive Belt:

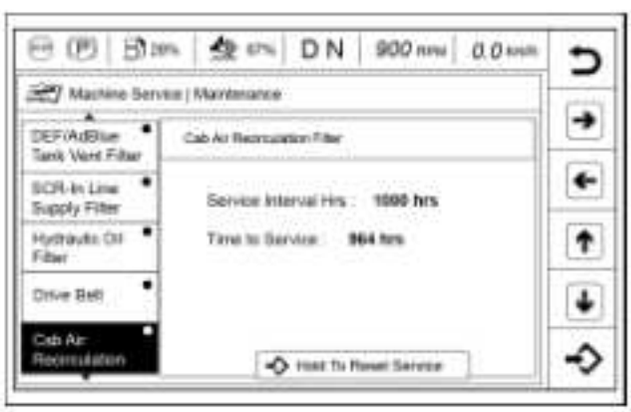
Service Intervals Hrs: **1000 h**
Time to Service: (hours remaining until service is due)



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Cab Air Recirculation:

Service Intervals Hrs: **1000 h**
Time to Service: (hours remaining until service is due)

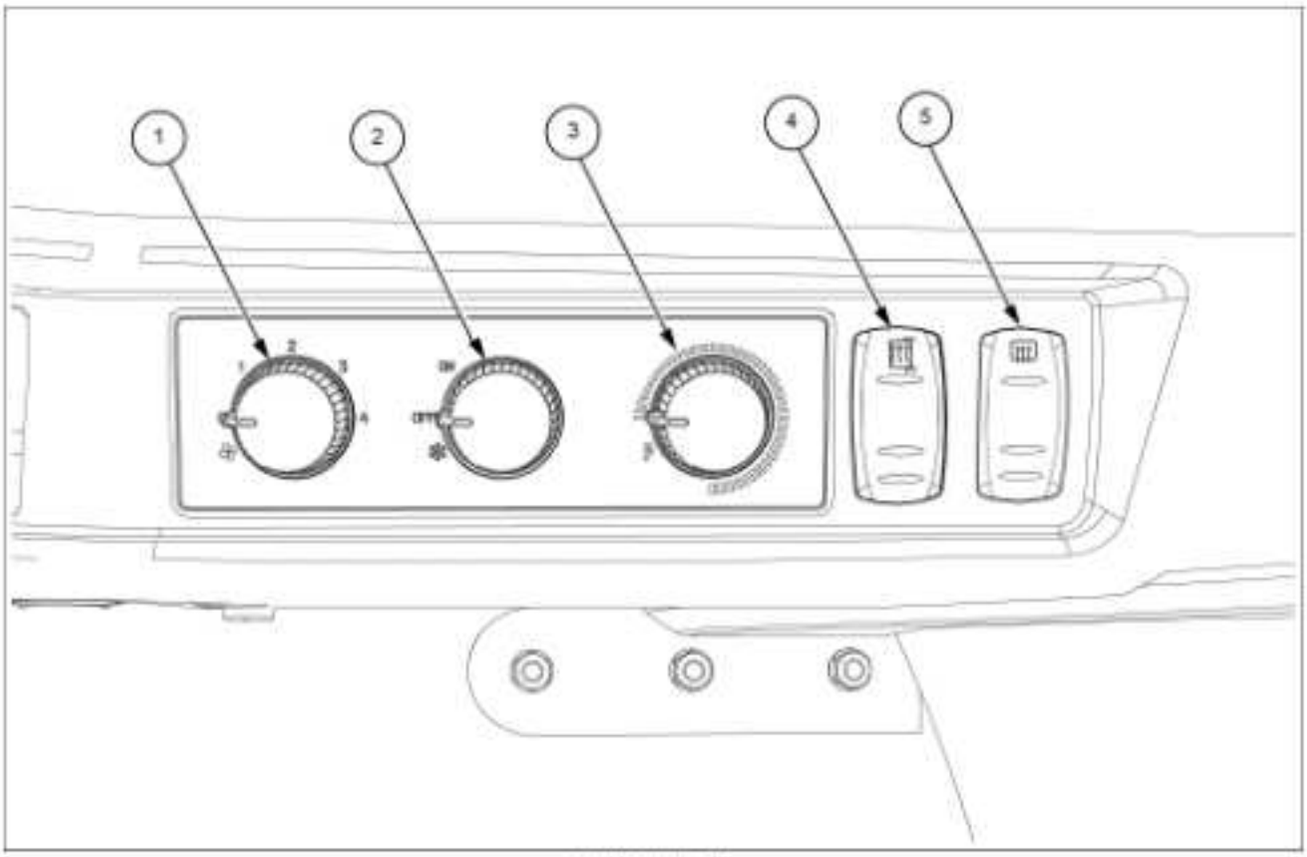


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Climate controls

Climate controls



1. Fan

Turn the control **(1)** clockwise for higher fan speed and adjust the control to the desired speed. The blower fan switch has five positions: OFF, 1, 2, 3, and 4. Turn the switch to 4 for maximum speed and to 1 for the lowest speed. Turn completely counterclockwise for OFF.

2. Air-conditioning

Operate the control **(2)** to set one of the two positions:
OFF
ON - Air-conditioning

3. Climate control

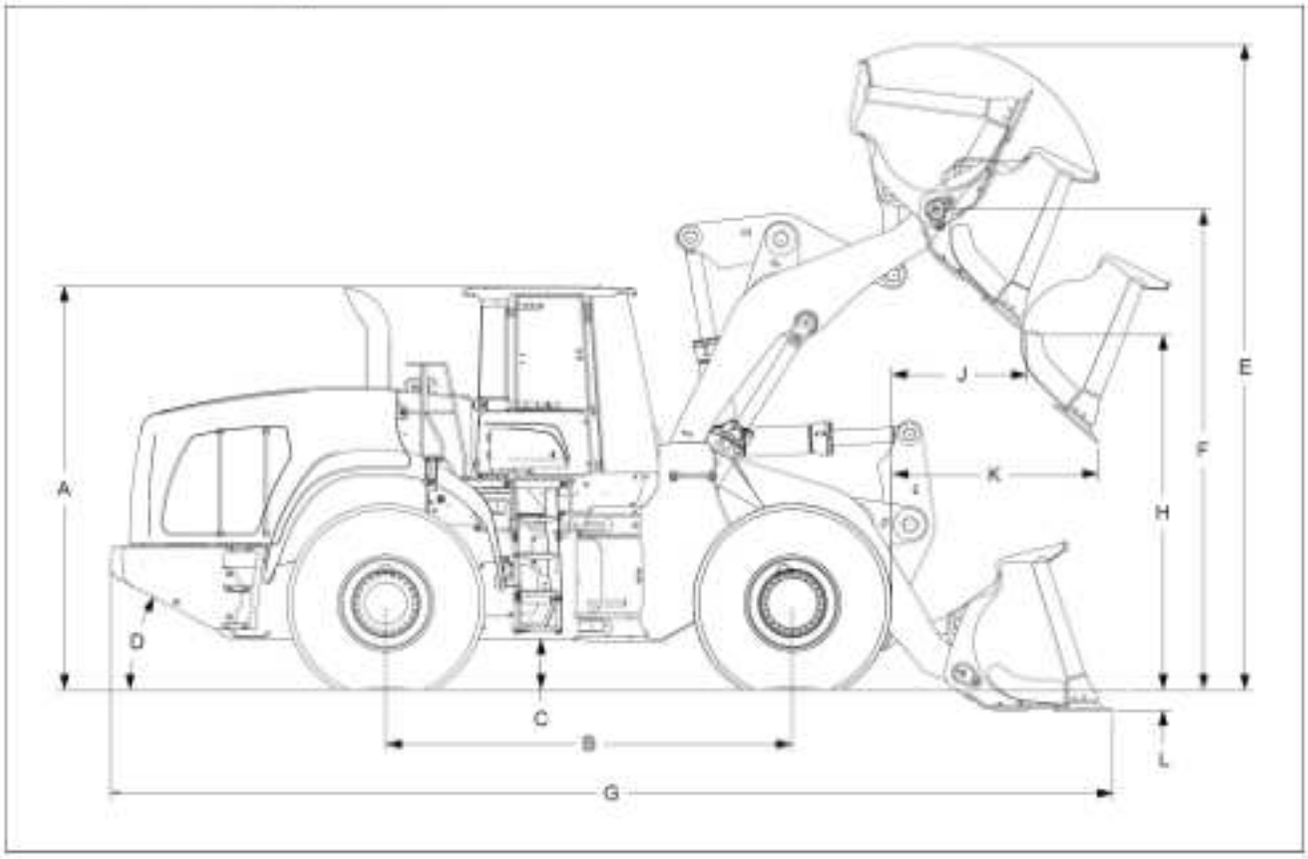
Turn the control **(3)** clockwise, and adjust the control **(3)** to the desired temperature. Blue markings indicate cooler temperatures. Red markings indicate warmer temperatures when using the heater.

NOTE: *make sure the water inlet for the heater is in the full ON position. This inlet is located in the left-hand rear of the engine compartment.*

NOTE: *during some conditions, it is possible to have ice on the air-conditioning core. Operating at the maximum cold setting of the air-conditioning control with the blower speed at low can cause ice. It is best to operate air-conditioning at the center range of the temperature control with the blower speed at medium or high. Another cause of ice can be a restricted air filter in the cab.*

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1121G Loader - Lift Arms Specifications



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1121G Z-Bar Specifications - 4.0 m³ (5.25 yd³) Blade / 3.9 m³ (5.1 yd³) Teeth - Pin On

	Bucket with Bolt-on Edge	Bucket with Teeth
Bucket Specifications		
Capacity (heaped)	**4.01 m³ (5.25 yd³)**	**3.90 m³ (5.10 yd³)**
Bucket width (maximum outer)	**3195 mm (125.8 in)**	**3223 mm (126.9 in)**
Dimensional Outline Specifications		
A (top of cab height)	**3576 mm (140.8 in)**	**3576 mm (140.8 in)**
B (wheelbase)	**3550 mm (139.8 in)**	**3550 mm (139.8 in)**
C (ground clearance)	**437 mm (17.2 in)**	**437 mm (17.2 in)**
D (rear angle of departure)	**23 °**	**23 °**
Overall width with bucket guard	**2978 mm (117.2 in)**	**2978 mm (117.2 in)**
Centerline tread width	**2300 mm (90.6 in)**	**2300 mm (90.6 in)**
Turning radius (outside of tires)	**6366 mm (250.6 in)**	**6366 mm (250.6 in)**
Turning angle from center	**40 °**	**40 °**
Total turning angle	**80 °**	**80 °**
E (fully raised with spillguard)	**5988 mm (235.8 in)**	**5988 mm (235.8 in)**
F (hinge pin - fully raised)	**4450 mm (175.2 in)**	**4450 mm (175.2 in)**
G (overall - bucket level on ground)	**9020 mm (355.1 in)**	**9202 mm (362.3 in)**
H (dump - fully raised, **45 °** dump)	**3306 mm (130.2 in)**	**3188 mm (125.5 in)**
J (reach - fully raised, **45 °** dump)	**1156 mm (45.5 in)**	**1290 mm (50.8 in)**
K (reach - **2.13 m (7.0 ft)**, **45 °** dump)	**1967 mm (77.5 in)**	**2051 mm (80.8 in)**
L (dig depth)	**111 mm (4.4 in)**	**116 mm (4.6 in)**
ISO Load Specifications		
Operating Weight (without load)	**27800 kg (61288 lb)**	**27798 kg (61284 lb)**
Operating load	**8832 kg (19470 lb)**	**8888 kg (19596 lb)**
Tipping load		
Machine straight	**22269 kg (49094 lb)**	**22413 kg (49413 lb)**
40 ° turn	**17663 kg (38940 lb)**	**17777 kg (39191 lb)**

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