1021F
1121F
Tier 4
Wheel Loader

OPERATOR'S MANUAL

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CASE
CONSTRUCTION

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LEFT-HAND SIDE CONTROLS

Transmission controls

Transmission control lever

The transmission control lever is used to shift the transmission gears from first through fourth gear. Turn the transmission control lever away from you to select a higher gear. Turn the lever toward you to select a lower gear. This control lever is also used to put the transmission in FORWARD, NEUTRAL, and REVERSE (F-N-R).

A. Move the control lever away from you for FORWARD.

B. The center position of the control lever is NEUTRAL.

C. Move the control lever toward you for REVERSE.



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Using the steering column transmission lever

All the following steps are required in order to use the steering column transmission lever:

1. Service brake pressure must be at operating pressure.
2. Transmission control lever must be in neutral.
3. Push down on the bottom of the parking brake switch to release the parking brake switch.

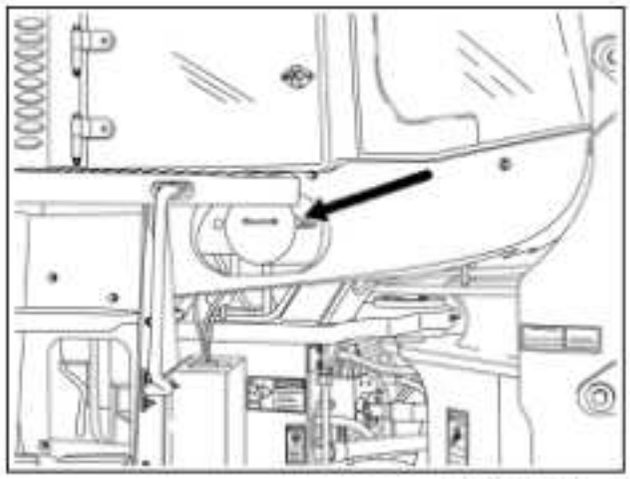
NOTE: *If the parking brake was NOT set when the machine was turned OFF, the parking brake switch must be cycled at step 3.*

4. Place the transmission control lever in either FORWARD or REVERSE to move the machine.

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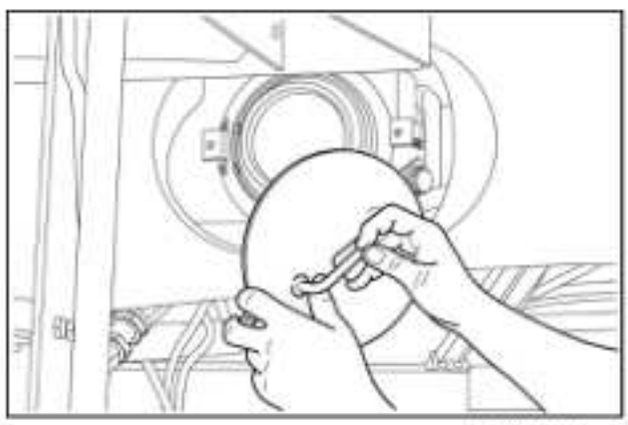
Cab air filter

The cab filter is located on the right hand side of the machine, below the operator's compartment. Clean the filter when the hour meter registers 250 hours. Replace filter every 1000 hours or more often if conditions so require.



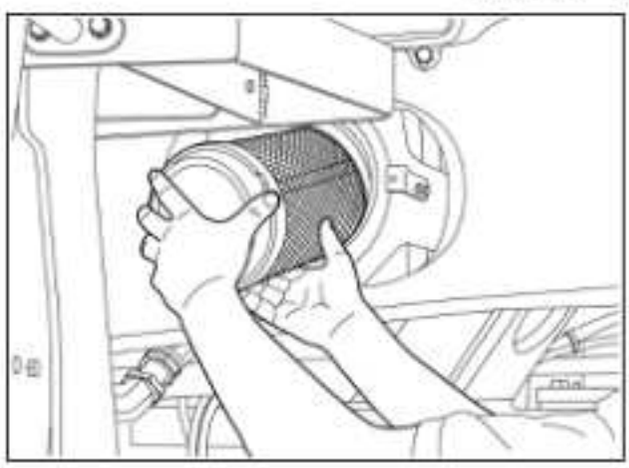
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1. Remove the two screws from the cab air filter cover and remove the cover. Pull the filter forward at a slight angle.



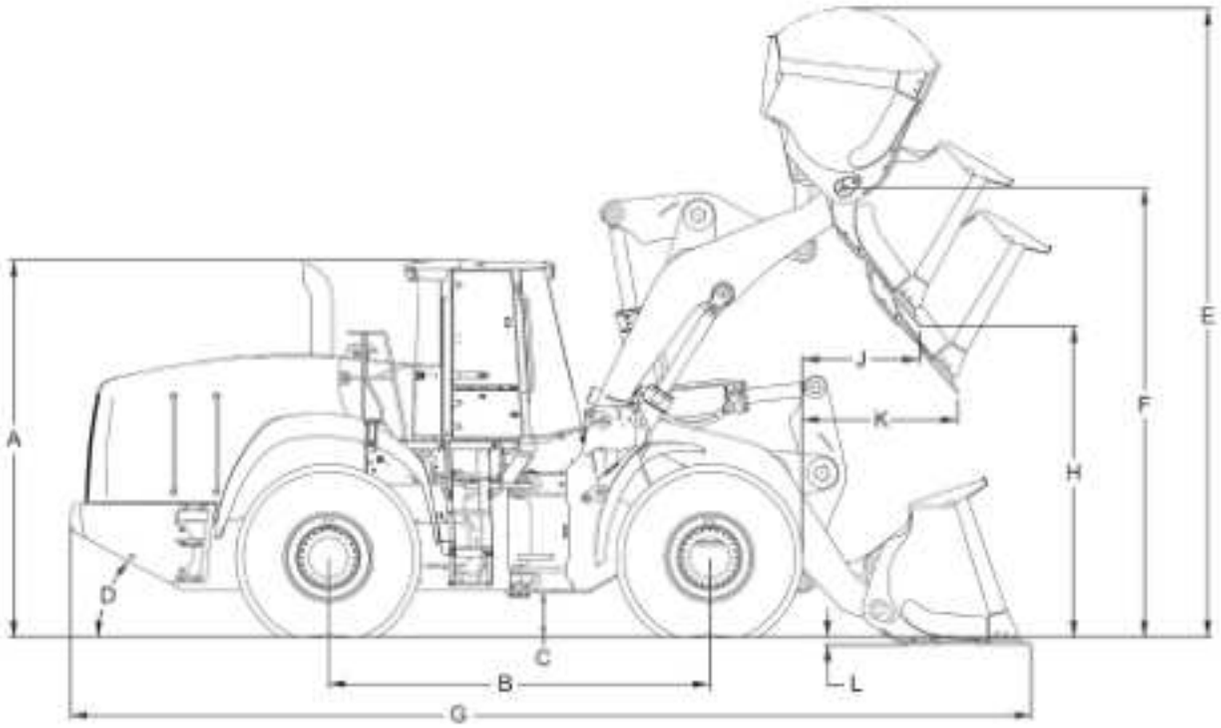
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2. Check the filter for debris or tears. Wipe the inside of the filter housing. Clean dust from filter, using compressed air if necessary. Reinstall the filter and air filter cover.



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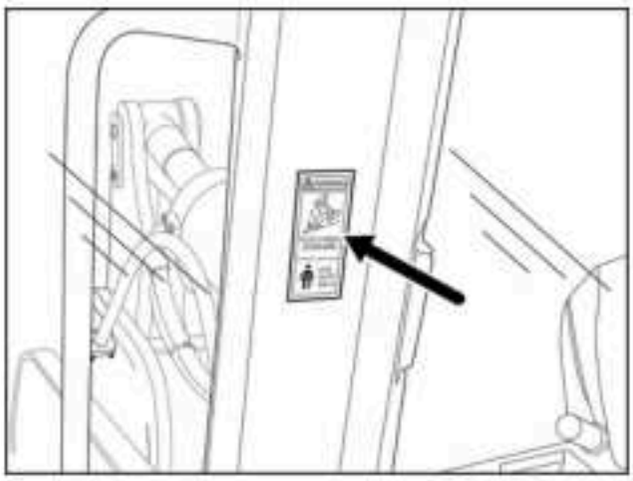
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1121F Z-Bar Specifications - 4.8 m³ (6.25 yd³) Bucket (Pin On)

	Bucket with bolt on edge	Bucket with teeth
ISO Bucket Specifications		
Struck	**4.17 m³ (5.45 yd³)**	**4.01 m³ (5.24 yd³)**
Heaped	**4.78 m³ (6.25 yd³)**	**4.63 m³ (6.06 yd³)**
Bucket width (maximum outer)	**3195 mm (125.8 in)**	**3195 mm (125.8 in)**
Dimensional Outline Specifications		
A (top of cab height)	**3573 mm (140.7 in)**	**3573 mm (140.7 in)**
B (wheelbase)	**3550 mm (139.8 in)**	**3550 mm (139.8 in)**
C (ground clearance)	**429.5 mm (16.9 in)**	**429.5 mm (16.9 in)**
D (rear angle of departure)	**26 °**	**26 °**
Overall width w/o bucket	**2990 mm (117.7 in)**	**2990 mm (117.7 in)**
Centerline tread width	**2250 mm (88.6 in)**	**2250 mm (88.6 in)**
Turning radius (outside of tires)	**6372 mm (250.9 in)**	**6372 mm (250.9 in)**
Turning angle from center	**40 °**	**40 °**
Total turning angle	**80 °**	**80 °**
E (fully raised with spillguard)	**6120 mm (240.9 in)**	**6120 mm (240.9 in)**
F (hinge pin - fully raised)	**4442 mm (174.9 in)**	**4442 mm (174.9 in)**
G (overall - bucket level on ground)	**9119 mm (359.0 in)**	**9300 mm (366.1 in)**
H (dump - fully raised, **45 °** dump)	**3201 mm (126.0 in)**	**3085 mm (121.5 in)**
J (reach - fully raised, **45 °** dump)	**1273 mm (50.1 in)**	**1412 mm (55.6 in)**
K (reach - **2.13 m (7.0 ft)**, **45 °** dump)	**2040 mm (80.3 in)**	**2124 mm (83.6 in)**
L (dig depth)	**118 mm (4.6 in)**	**118 mm (4.6 in)**
SAE Load Specifications		
Operating load	**8856 kg (19524 lb)**	**8921 kg (19667 lb)**
Tipping load		
Machine straight	**20949 kg (46185 lb)**	**21099 kg (46515 lb)**
40° turn	**17713 kg (39050 lb)**	**17843 kg (39337 lb)**

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WARNING – Use Seat Belt



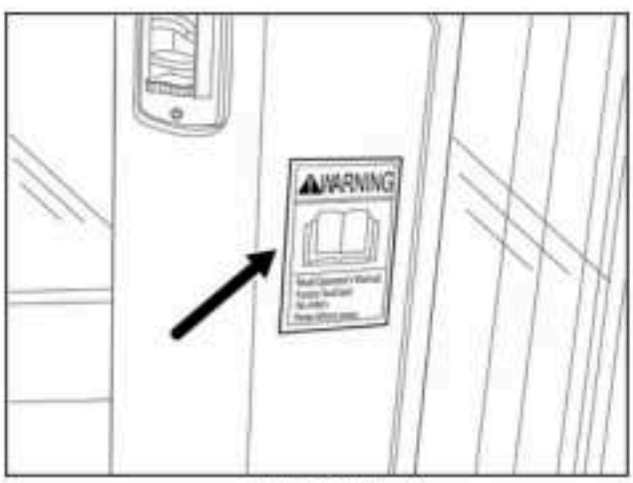
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This WARNING safety sign is located inside the operator compartment.
WARNING: To avoid crushing, do not jump if machine tips. Use seat belt. Failure to comply with this warning could result in death or serious injury.
North American decal number: 321-7030
French Canadian decal number: 124269A1
Spanish decal number: 124271A1



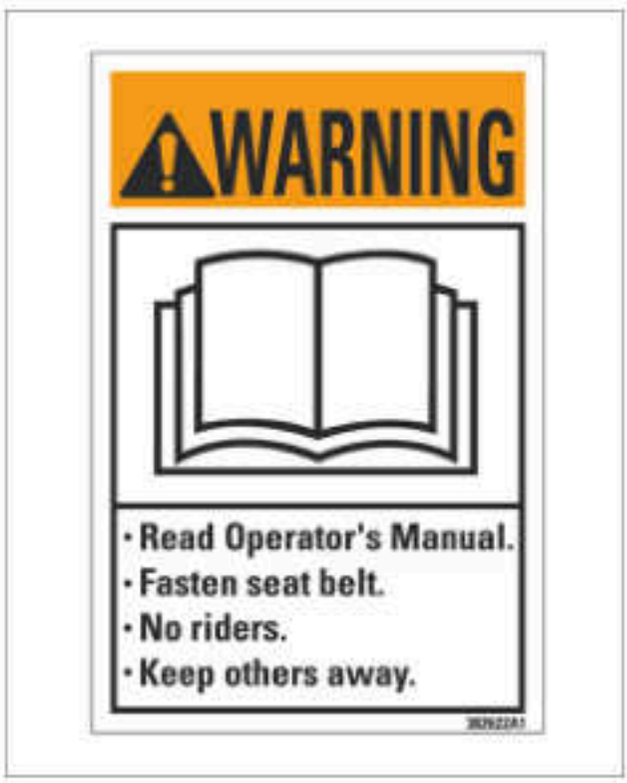
321-7030 4

WARNING – Read Operator's Manual



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This WARNING safety sign is located inside the operator compartment.
WARNING: Read Operator's Manual. Fasten seat belt. Allow no riders. Keep others away. Failure to comply with this warning could result in death or serious injury.
North American decal number: 382622A1
French Canadian decal number: 333999A2
Spanish decal number: 3334000A2



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