SR270
SV300
Tier 4B (final)
Alpha Series Skid Steer Loader

SR270 PIN NFM481941 and above
SV300 PIN NFM470295 and above

TR340
TV380
Tier 4B (final)
Alpha Series Compact Track Loader

TR340 PIN NFM482972 and above
TV380 PIN NFM483044 and above

OPERATOR'S MANUAL

Part number 47837619
1° edition English
March 2015

CASE CONSTRUCTION

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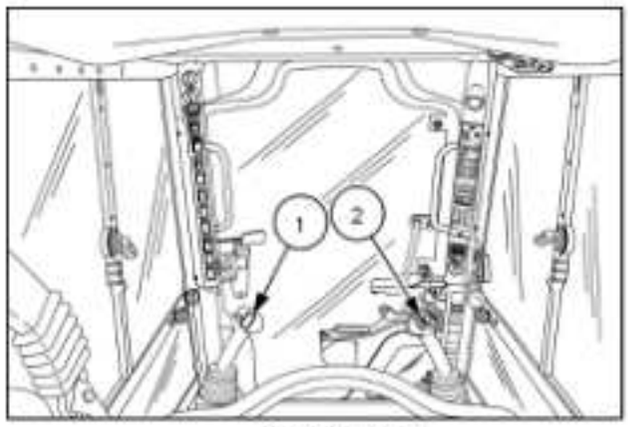
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Moving the machine

Push both the left-hand control lever **(1)** and the right-hand control lever **(2)** forward, from neutral, to move the machine forward. Pull both of the control levers rearward from neutral, to move the machine in reverse. Move the control levers forward a short distance for maximum power and slow speed. Move the control levers completely forward for maximum speed.

Move both control levers to NEUTRAL to stop movement of the machine.



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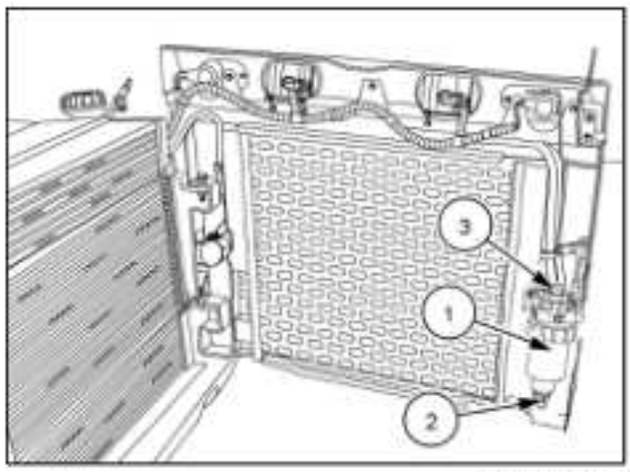
Fuel prefilter

Replace the fuel prefilter every 500 hours of operation.

1. Open engine hood and rear service door. Engage the rear service door latch located near the lower hinge. The fuel prefilter is on the inside of the rear service door.
2. Clean the area around the fuel prefilter **(1)** with water before proceeding.
3. Use a strap wrench and remove the filter **(1)**.
4. Remove the rubber seal from the stud on the filter head.
5. Use a cloth and clean the gasket surfaces of the filter body.
6. Apply clean engine oil to the new rubber seal.
7. Install the rubber seal on the filter head stud.
8. Apply clean engine oil to the gasket of the new filter. DO NOT fill the new filter with fuel before installation.
9. Turn the filter onto the filter body until the filter gasket makes contact with the filter body. Continue to tighten the filter with your hand for 1/2 to 3/4 turn.

NOTICE: *DO NOT use a strap wrench to tighten the filter.*

10. Turn the bleed screw **(2)** out two to three turns and pump the hand pump **(3)** on top of the prefilter until fuel is coming out of the bleed screw **(2)**; then immediately close the bleed screw **(2)** while fuel is coming out.
11. Unlatch/close rear service door and close engine hood.



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9 - SPECIFICATIONS

Fluids and lubricants

Fuel tank

Capacity	**96.5 L (25.5 US gal)**
Specifications	#2 Diesel ultra low sulfur

Cooling system

Capacity	**19.0 L (5.0 US gal)**
Specifications	**CASE AKCELA ACTIFULL™ OT EXTENDED LIFE COOLANT**

Hydraulic system

Reservoir capacity	**22.7 L (6.0 US gal)**
System capacity:	**45.4 L (12.0 US gal)**
Specifications	**CASE AKCELA ENGINE OIL 10W-30**

Chain compartments

Capacity - each side	
SR270, SV300	**22.2 L (23.5 US qt)**
Specifications	**CASE AKCELA ENGINE OIL 10W-30**

Grease fittings

Quantity	As required
Specifications	**TUTELA MOLY GREASE GR-75** (Molydisulfide)

Engine crank case oil

Capacity - with filter change	**8.5 L (9.0 US qt)**
Specifications	**CASE AKCELA UNITEK NO. 1™ SBL CJ-4**

Final track drive

Capacity - each side	
TR340, TV380	**1.0 L (1.06 US qt) +/- 0.1 L (0.1 US qt)**
Specifications	**TUTELA HYPOIDE EP GEAR LUBE SAE 80W-90**

Emissions fluid

Reservoir capacity	**10.7 L (6.0 US gal)**
DEF/ADBLUE® low volume indicator	**2.4 L (0.6 US gal)**
Specifications	**DEF/ADBLUE®**

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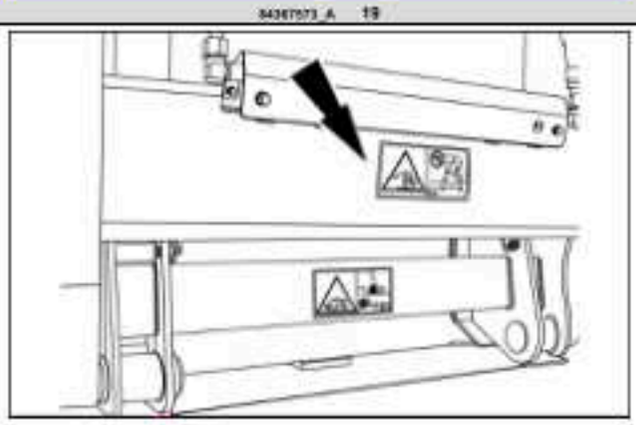
WARNING
TIP HAZARD
Carry load low. Failure to comply could result in death or serious injury.

Quantity: 1
84367573_A



84367573_A 19

Location:
On the back side of the front loader arm cross tube.



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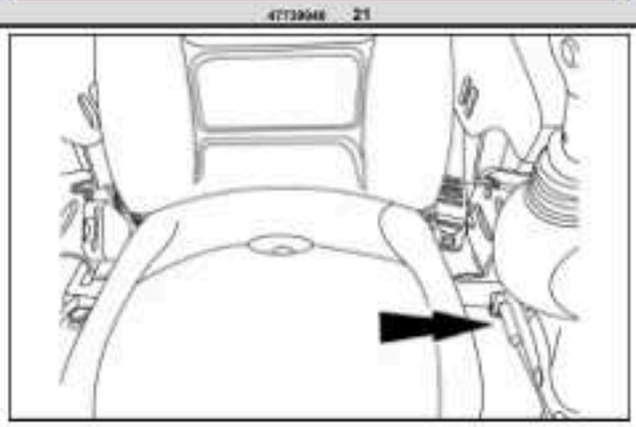
WARNING
CRUSH HAZARD
Always engage the Loader Lift Arms support pin when Lift Arms are raised for service and/or maintenance.
Failure to comply could result in death or serious injury.

Quantity: 1
47739940



47739940 21

Location:
On the lower left-hand side of the operators seat, attached to the ROPS.



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NOTE: *Read and understand the "Loader arm lock and cab tilt procedure - vertical lift machines" page* **2-22** *in this manual.*

NOTE: *Only applicable to SV300 and TV380 machines.*

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