OPERATOR'S MANUAL

L230
Tier 4B (final)
200 Series Skid Steer Loader

PIN NFM483191 and above

C238
Tier 4B (final)
200 Series Compact Track Loader

PIN NFM470756 and above

Part number 47837618
1st edition English
March 2015

NEW HOLLAND CONSTRUCTION

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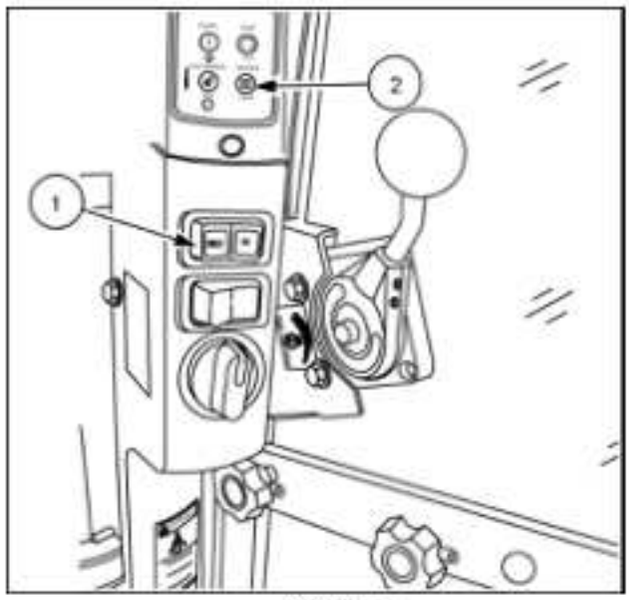
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ISO or H pattern control switch

On machines with ISO or H drive, switch **(1)** determines which drive system the machine is operating. ISO drive (single lever controls drive) or H drive (traditional 2 lever drive control).



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Switching from ISO to H pattern

1. Make sure the machine is parked on level ground with the engine speed at idle. Lower the loader lift arms to the ground.
2. Press the OPERATE button **(2)**
   - The Park light will illuminate
   - The ground drive and loader hydraulics will not function
3. Confirm that the AUX roller switch on the right-hand handle is in the neutral position.

   NOTE: *The AUX roller switch must be in neutral to change the pattern.*
4. Push and hold the ISO - H pattern select switch **(1)** to the desired pattern for a few seconds. An audio alarm will sound to let you know that the pattern switch is successful.
5. Reference the text display to confirm the change of the control pattern. The switch will illuminate only on the selected side.
6. Activate the hydraulic system by pressing the OPERATE button **(2)**.

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EVERY 500 HOURS

Engine oil and filter

Change engine oil and filter at 500 hour intervals.

Engine oil specification – **NEW HOLLAND AMBRA UNITEK MASTERGOLD SBL CJ-4**

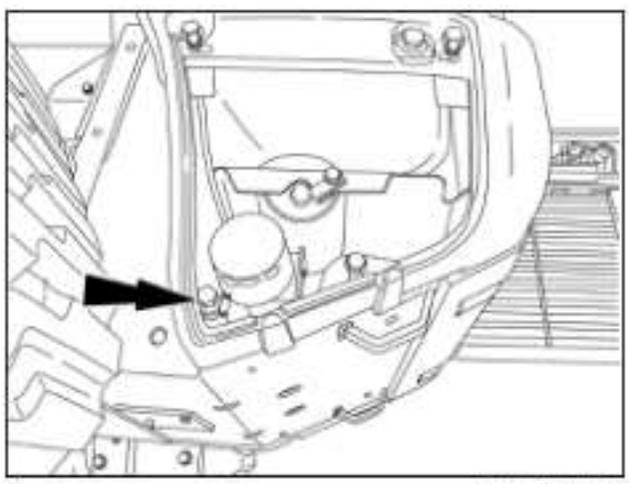
Remote engine oil drain

NOTE: *For more complete removal of foreign material, change the engine oil when the engine is still warm, but not hot from operation.*

1. Place the machine on firm, level ground, with brakes on and in transport position.
2. Remove the access cover at the rear lower left of the machine exposing the engine oil drain hose and remote filter for draining engine oil.
3. If applicable, use compressed air to clean the engine oil filter assembly and drain hose.

NOTE: *If compressed air is not available, use a clean rag or cloth to wipe the area clean to reduce the potential of dirt contamination into the engine.*

4. Turn the old engine oil filter counter-clockwise to remove.
5. Dispose of the filter properly.
6. Use a clean cloth and wipe sealing surface of the old filter base to remove all dirt.
7. Apply a thin layer of clean grease or oil to the gasket of the new filter and put new oil into the new filter.
8. Turn the new oil filter clockwise onto the base until the gasket makes contact with the base. Continue to tighten the filter with your hand for 1/2 to 3/4 turn.



NOTICE: *DO NOT use a filter strap wrench to install the oil filter. An oil filter strap wrench can cause a leak if the filter is dented or overstressed.*

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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	**NEW HOLLAND AMBRA 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	**NEW HOLLAND AMBRA SUPER GOLD 10W-30**

Chain compartments

Capacity - each side	
L230	**22.2 L (23.5 US qt)**
Specifications	**NEW HOLLAND AMBRA SUPER GOLD 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	**NEW HOLLAND AMBRA UNITEK MASTERGOLD SBL CJ-4**

Final track drive

Capacity - each side	
C238	**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®**

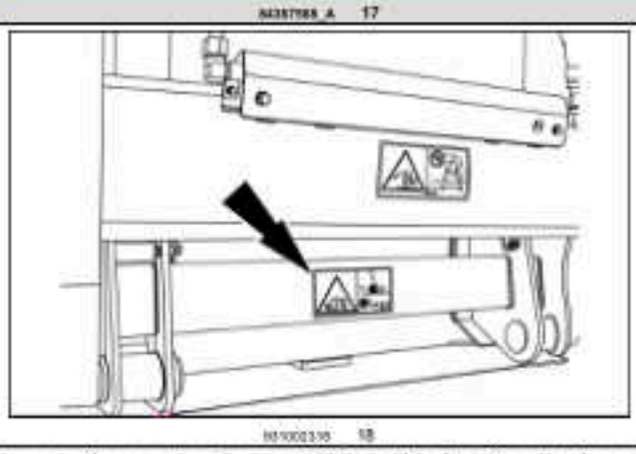
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WARNING
CRUSH HAZARD
Check attachment for proper engagement before using. Failure to comply could result in death or serious injury.

Quantity: 1
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Location:
On the back side of the front quick attach cross tube.



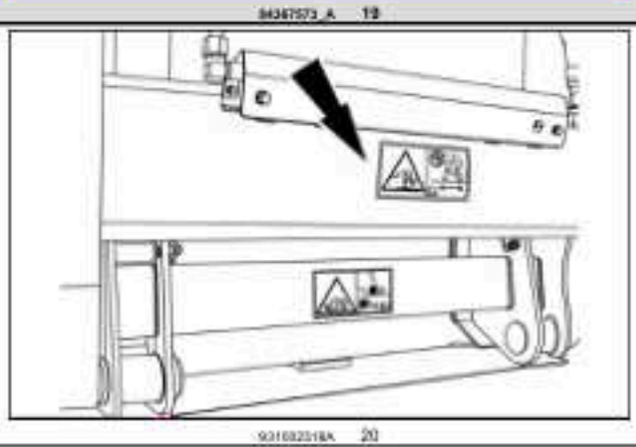
NOTE: *Read and understand the "Mechanical attachment mounting system" page* ***6-1*** *or "Hydraulic attachment mounting system" page* ***6-4*** *in this manual.*

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

Quantity: 1
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Location:
On the back side of the front loader arm cross tube.



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