OPERATOR'S MANUAL

U80C
Tier 4B (final)
Tractor Loader

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NEW HOLLAND CONSTRUCTION

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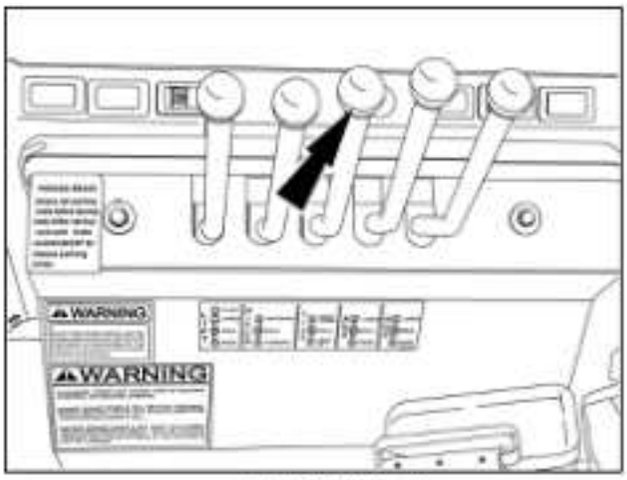
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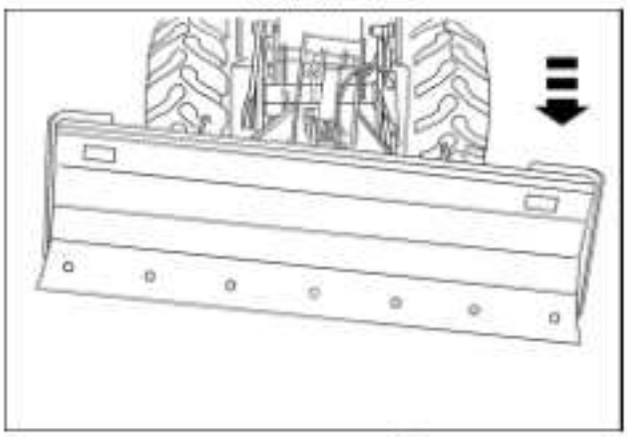
C. TILT control lever (right tilt standard)

The TILT control lever is a three position lever. The standard functionality of the lever is to lower or raise the right-hand side of the attachment.

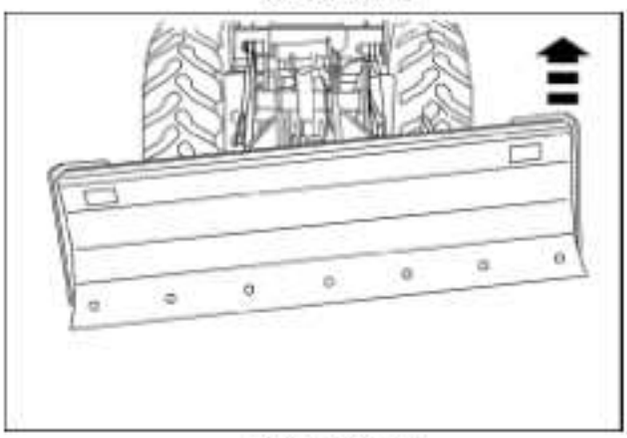
1. RIGHT DOWN – Push the lever forward, away from the operator, to lower the right-hand side of the attachment.
2. HOLD – The central or mid position is neutral or hold.
3. RIGHT UP– Pull the lever back to raise the right-hand side of the attachment.



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Initial 100 hours

Hydraulic filter

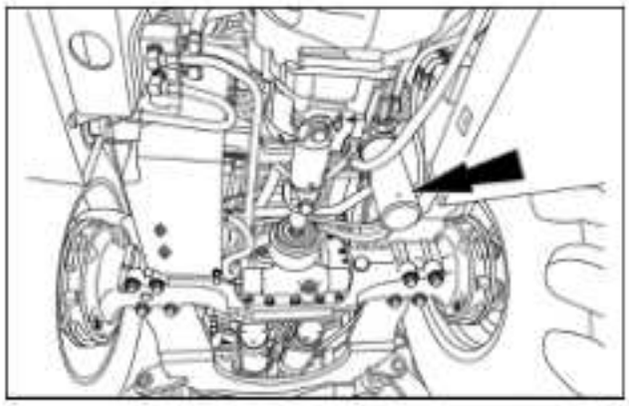
NOTICE: *Always replace the hydraulic filter whenever the warning lamp*  *remains illuminated while the engine is running.*

NOTICE: *Oil quality and cleanliness are of utmost importance for the reliability and life of the hydraulic system. Deviation from the prescribed oil specification may lead to severe damage and void warranty.*

Replace the hydraulic filter after the first **100 h** on a new machine or if a major component has been rebuilt. Then replace the hydraulic filter every **1000 h** of operation.

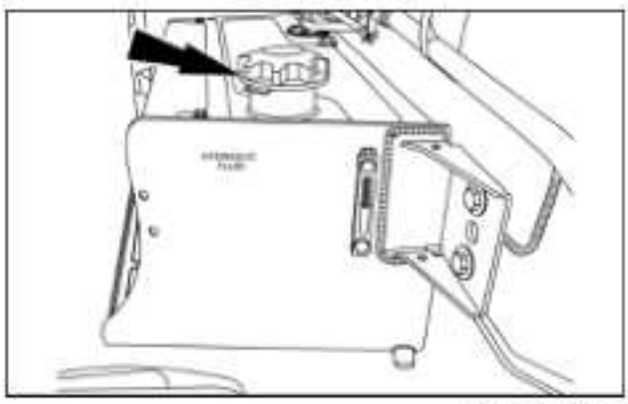
Hydraulic oil specification: **NEW HOLLAND AMBRA MASTERTRAN® ULTRACTION**

The hydraulic filter is located under the left rear portion of the machine just in front of the rear axle.



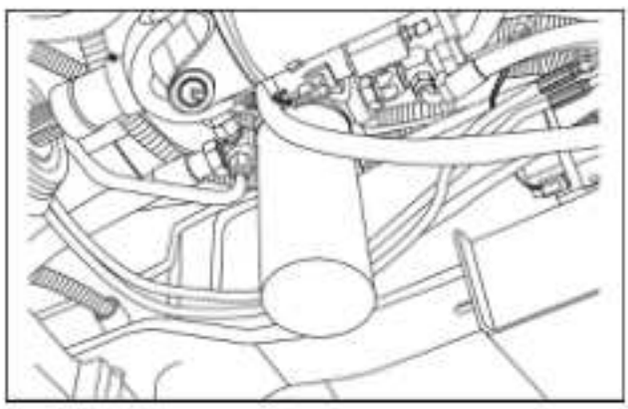
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1. Slowly open the hydraulic reservoir cap to help relieve pressure.



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2. Clean the area around the filter head area before removing the old filter.
3. Use a filter wrench and remove the old filter. Have a suitable container ready to capture any fluid that might leak or spill.
4. Dispose of the filter and collected fluid in accordance with local, regional, and federal regulations.
5. Lubricate the gasket of the new filter with clean oil.
6. Install the new filter and turn it clockwise until the gasket contacts the head of the filter assembly.
7. Continue to tighten the filter for 1/3 turn.
8. Tighten the hydraulic reservoir cap.
9. Start up the engine.



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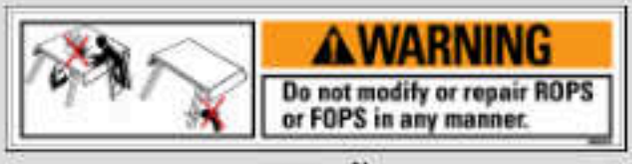
Electrical specifications

Alternator	**12 V**, **120 A** @ 6000 revolutions per minute
Starter	**12 V**, **3.5 kW** nominal output
Battery	Single 1 x **12 V**, group 30H 850 Cold Cranking Amps (CCA) @ **-18 °C** (**0 °F**) **150 min** reserve capacity @ **27 °C** (**80 °F**)
Dual battery (optional)	Parallel 2 x **12 V**, group 28 850 Cold Cranking Amps (CCA) @ **-18 °C** (**0 °F**) **150 min** reserve capacity @ **27 °C** (**80 °F**) each battery
Protection	Fuses on individual circuits
Power plug outlet	2 x **12 V 30 A** maximum
Backup alarm	**102 dB**(A)
Engine block heater (optional)	**115 V** Nema 5–15P **15 A**
Lights	
Flasher and turn signal	**12 V** bulb (No.1156)
Stop and tail lamp	**12 V** bulb (No.1157)
Front and rear work lights (optional)	**12 V 55 W** (No. H3)

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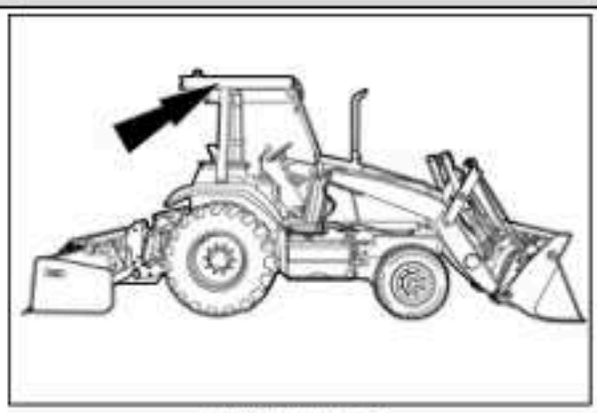
Do not modify ROPS or FOPS

WARNING
Do not modify or repair ROPS or FOPS in any manner. Failure to comply could result in death or serious injury.
Quantity: 1
English 383972A1
Spanish 389729A1
French Canadian 389730A1



383972A1 31

(13) Located on top of ROPS canopy/cab frame


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Parking brake

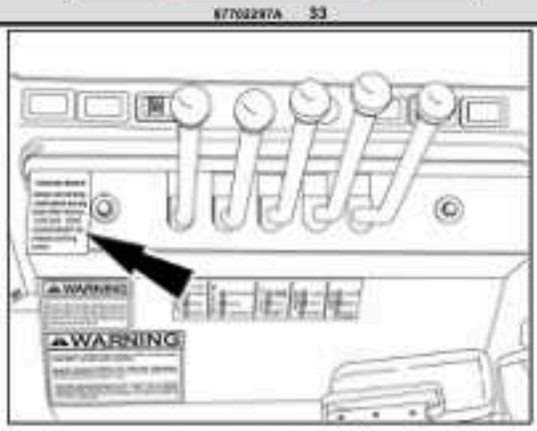
IMPORTANT
Always set parking brake before leaving seat. After startup, cycle park brake switch ON/OFF to release parking brake.

Quantity: 1
English 87702297
Spanish 87708227
French Canadian 87708242



87702297A 33

(14) Located on the right-hand console.



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