570NXT
Tier 4
Tractor Loader

PIN NCC570600 and above

OPERATOR'S MANUAL

Part number 47492950
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CASE CONSTRUCTION

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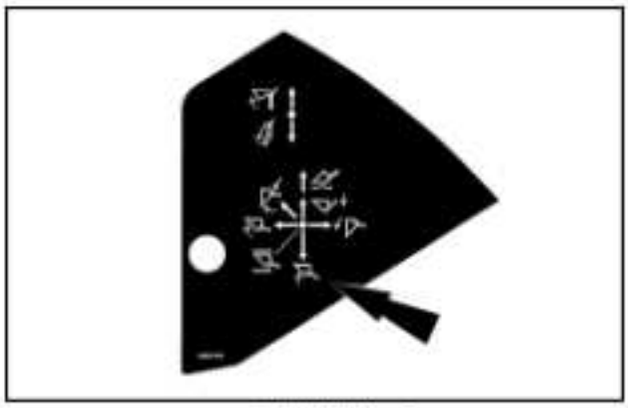
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Raise:



From the neutral position, pull the loader control lever back to move the lift arms up.

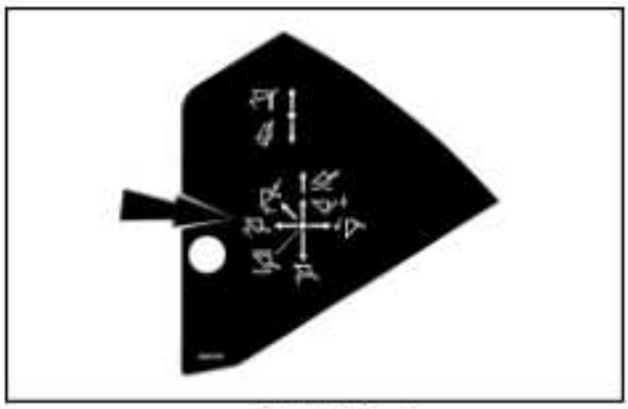


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Rollback:



From the neutral position, move the control lever to the left to roll back (curl) the bucket.

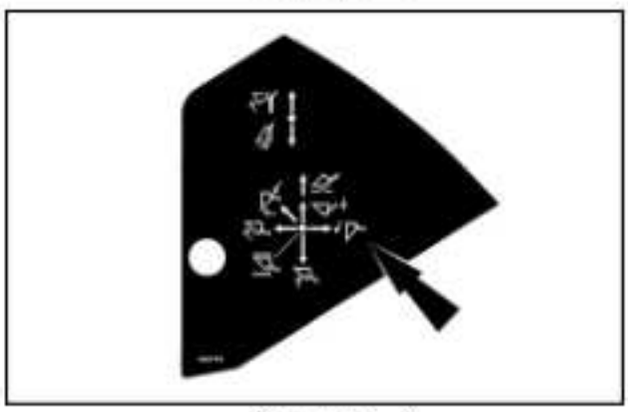


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Dump:



From the neutral position, move the control lever to the right to dump the bucket.

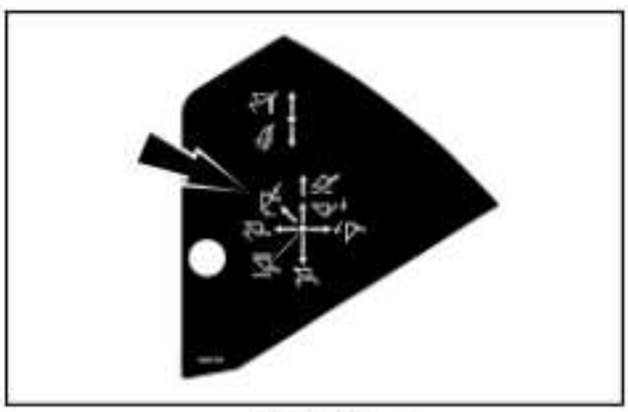


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Return to dig:



After the bucket is dumped, use the return to dig feature to place the bucket in position for another dig cycle.
Move the control lever to the rollback position and the float position. The bucket will roll backward until the bottom of the bucket is level and then stops. The loader arms will lower until the bucket reaches the ground or you manually move the control lever to the neutral position.



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Fluid capacities and lubricant specifications

Engine crank case

Specification:	**TUTELA UNITEK CJ-4 ENGINE OIL SAE 10W-40(API CJ-4)**
Capacity:	
With filter change	**8.00 l (8.45 US qt)**

Fuel tank

Specification:	No. 2 ultra low sulfur diesel
Capacity:	**151 l (40 US gal)**

Cooling system

Specification:	**CNH XHD PREMIX (50 %** water and **50 %** ethylene glycol)
Capacity:	
Without heater	**16.1 l (17.0 US qt)**
With heater	**16.8 l (17.8 US qt)**

Hydraulic system

Specification:	**CASE AKCELA HY-TRAN® ULTRA™ HYDRAULIC TRANSMISSION OIL**
Capacity:	
Total system	**77 l (81 US qt)**
Reservoir with filter change	**55 l (58 US qt)**
Reservoir without filter change	**53 l (56 US qt)**

Transmission

Specification:	**CASE AKCELA HY-TRAN® ULTRA™ HYDRAULIC TRANSMISSION OIL**	
Capacity:		
	Two wheel drive	Four wheel drive
Total system	**17.0 l (18.0 US qt)**	**19.9 l (21 US qt)**
Refill (with or without filter change)	**10.4 l (11.0 US qt)**	**13.2 l (14.0 US qt)**

Front drive axle - Four wheel drive (4WD)

Specification:	**TUTELA TRANSAXLE FLUID SAE 80W-140**
Capacity:	
Differential	**5.5 l (5.8 US qt)**
Each planetary hub	**0.7 l (0.7 US qt)**

Rear axle

Specification:	**TUTELA TRANSAXLE FLUID SAE 80W-140**
Capacity:	**13.6 l (14.4 US qt)**

Brake master cylinder

Brake fluid supplied by the transmission.

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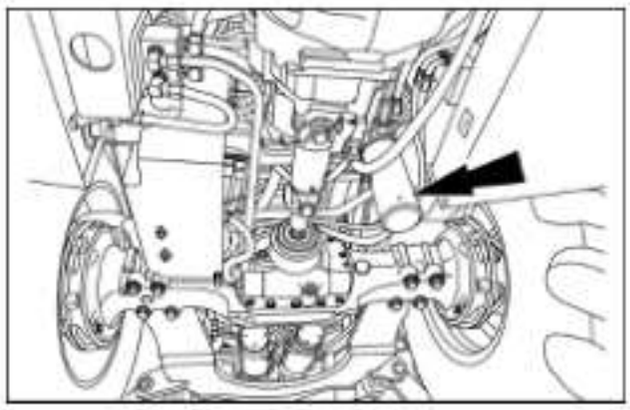
Initial 100 hours

Hydraulic filter

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

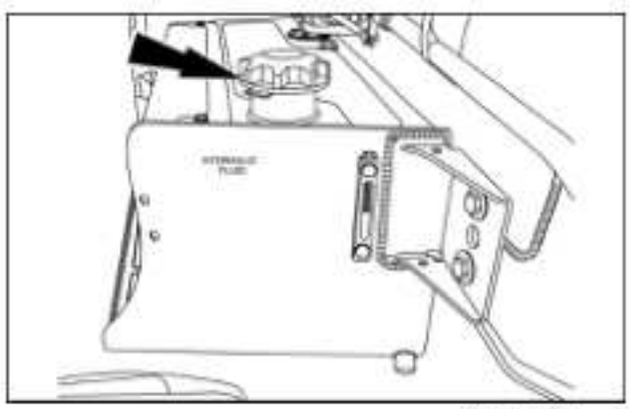
NOTICE: *Always replace the hydraulic filter whenever the warning lamp*  *remains illuminated while the engine is running.*

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



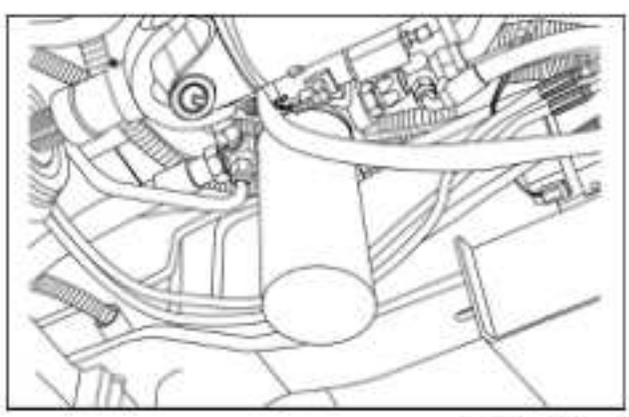
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1. Slowly open the hydraulic reservoir cap to help relieve pressure.



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2. Clean the area around the filter head area before removing the old filter. Wear eye protection to keep dirt and debris from eyes.
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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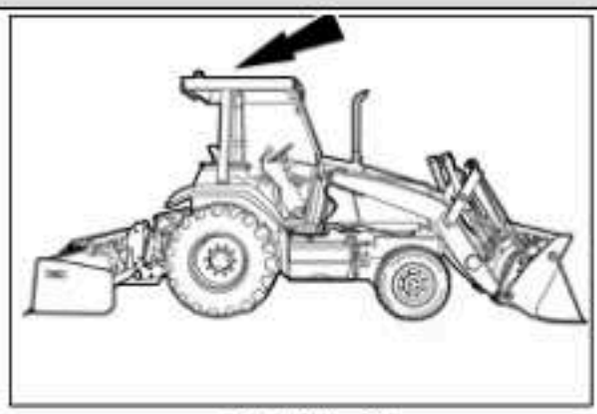
Do not modify ROPS or FOPS

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



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


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Parking brake

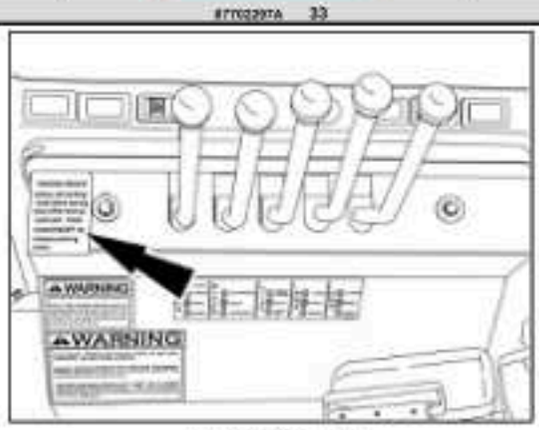
IMPORTANT
Always set parking brake before leaving seat. After startup, cycle park brake switch ON/OFF to release parking brake.

Quantity: 1
English 87702297
Spanish 87708227
French Canadian 87708242



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(14) Located on the right hand console.



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