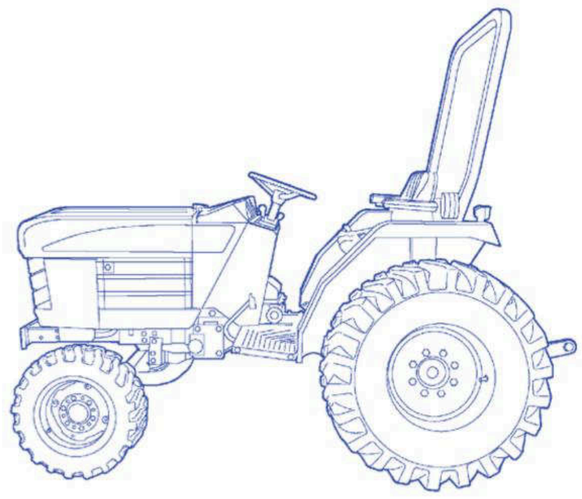
NEW HOLLAND

TC30

Serial Number HK30001 and Above

OPERATOR'S MANUAL



87301232 12/03

NEW HOLLAND

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SINGLE-LEVER POSITION ADJUSTMENTS

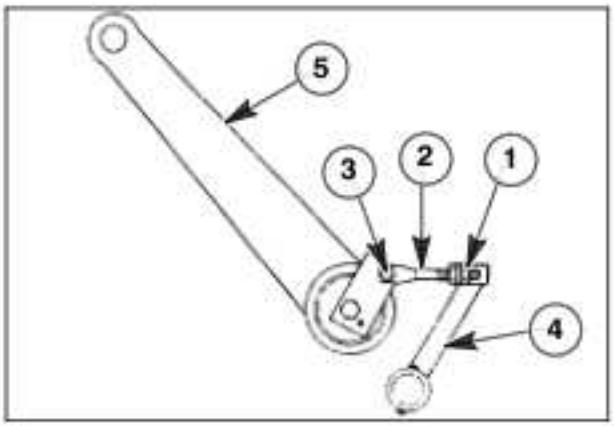
LINKAGE ADJUSTMENTS

The length of the position control rod is critical and careful adjustment must be observed for proper operation. If the control rod is adjusted too short, the control valve spool will remain in the raised position when the lift arms have reached their maximum height and the system relief valve will blow. If the control rod is too long, the control valve spool will return to neutral before the lift arms reach their full height.

The position control rod should be adjusted any time the link is disconnected for service to the hydraulic system, or any time the relief valve operation is noticed while the lift arms are at the full raise position.

ADJUSTMENT PROCEDURE

1. Loosen the locknut, 1, on the position control rod, 2, and remove the pin, 3, from the link.
2. Set the control lever, 4, to the highest position.
3. Start the engine. The lift arms, 5, should raise and the relief valve should operate.
4. Move the control lever down until the relief valve ceases operation.
5. Adjust the length of the position control rod and clevis to align the pin holes. Then lengthen the rod one additional turn and install the pin. Tighten the locknut.
6. Check the operation. The relief valve should not operate when the lift arms are in the fully raised position.

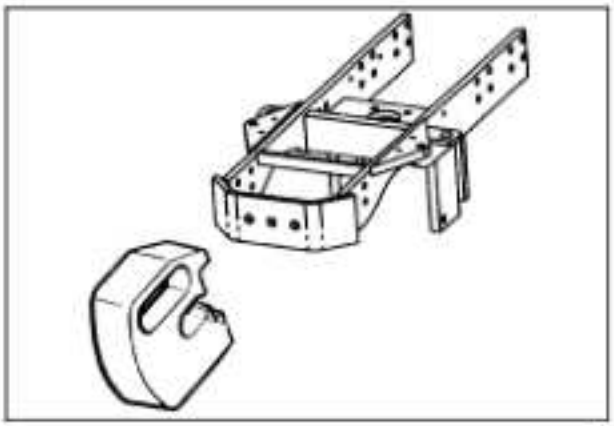


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CAST IRON WEIGHTS (OPTIONAL)

Cast iron weights are available as accessories from your New Holland Dealer. Weights can be mounted on the front end of the tractor and on the rearmost wheels.



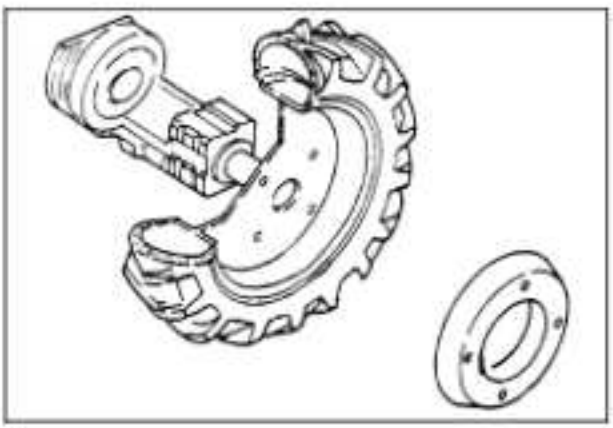
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Front Weights

Tire Type	Weight(s)
Agricultural, Turf, & Industrial	Maximum of (3) weights per tractor @ 26 kg (57 lbs.) each—52 kg (114 lbs.) total Optional - Maximum of (2) weights per tractor @ 45 kg (100 lbs.) each - 90 kg (200 lbs.) total

Rear Wheel Weights

Tire Type	Weight(s)
Agricultural	Maximum of (2) weights per wheel @ 48 kg (105 lbs.) each—96 kg (210 lbs.) total per wheel
Turf	Not Available
Industrial (R4)	Maximum of (2) weights per wheel @ 34 kg (75 lbs.) each—68 kg (150 lbs.) total per wheel



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NOTE: *Rear wheel weights can be used with liquid ballast. Hardware to mount weights should be obtained locally.*

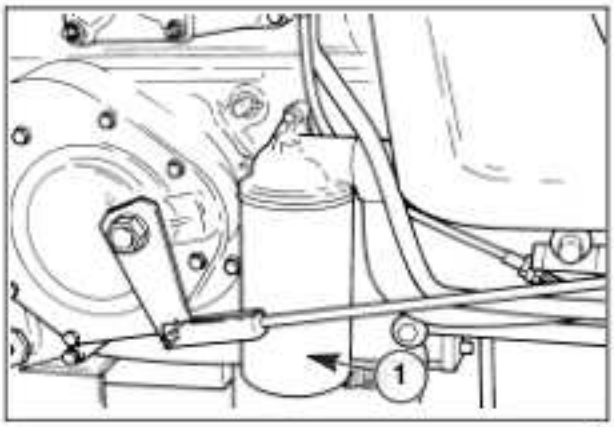
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HYDRAULIC SYSTEM OIL FILTER

NOTE: *Replace the hydraulic system oil filter after the first 50 hours of operation, and then following every 300 hours of operation thereafter.*

The hydraulic system uses a spin-on type oil filter, 1. To replace the filter:

1. Unscrew the used oil filter and discard.
2. Coat the gasket on the new filter with a film of clean oil. Screw the filter into place until the gasket contacts the sealing surface, then tighten the filter by hand approximately three-quarters of a turn. Do not overtighten.
3. Start the engine and check the filter for leaks.
4. Stop the engine and check the hydraulic system oil level. Add oil if necessary.

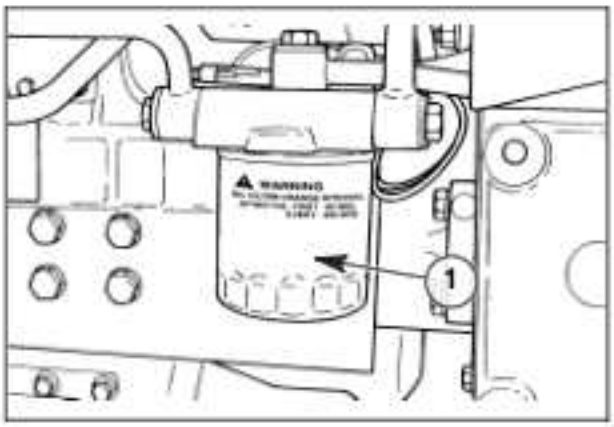


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H.S.T. SYSTEM OIL FILTER

NOTE: *Change the H.S.T. system oil filter after the first 50 hours of operation, and then following every 300 hours of operation thereafter.*

To change the H.S.T. system oil filter, 1, follow the procedures found above for changing the hydraulic system oil filter.



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