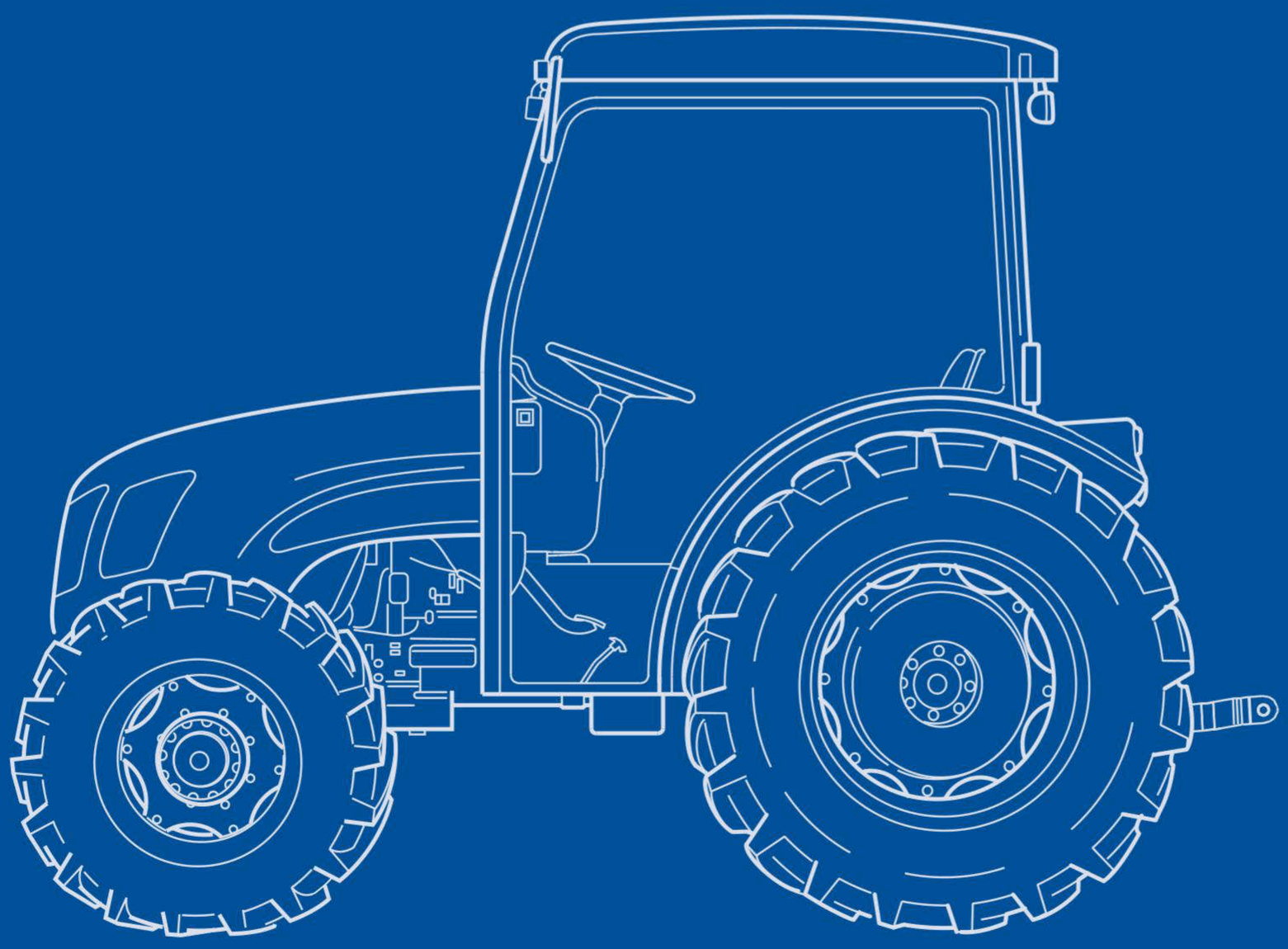
OPERATOR'S MANUAL

TC40DA
TC45DA
Compact Tractors



Part Number 6045357100
1st edition English
August 2004

NEW HOLLAND
AGRICULTURE

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AIRBORNE NOISE EMISSION

In accordance with E.E.C. directives, the noise levels of tractors covered by this manual and marketed within the European Economic Community are as follows:

WITHOUT CAB

Model	Drive line	Noise level at operator's ear - dB(A)*	External noise level - dB(A)**
TC40DA	12 x 12 transmission	89	78
TC40DA	Hydrostatic transmission	90	78
TC45DA	12 x 12 transmission	90	77
TC45DA	Hydrostatic transmission	90	79

* Test results are in accordance with directive 77/311/EEC Annex I.

** Test results are in accordance with directive 74/151/EEC Annex VI 1.4.2, with tractor stationary.

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PTO LEVER CONTROLS (Independent Type)

A gear transmission tractor will have two PTO control levers, located in the left-hand control pod.

- PTO Modulation lever, 1.
- Rear PTO speed selection lever, 2.

A HST transmission tractor could have three PTO control levers.

- PTO Modulation lever, 1.
- Rear PTO speed selection lever, 2.
- (Optional) Mid PTO control lever, 3.

IMPORTANT: *The PTO modulation lever, 1, must be disengaged to start the tractor engine.*

To properly engage PTO(s) the following procedure must be performed:

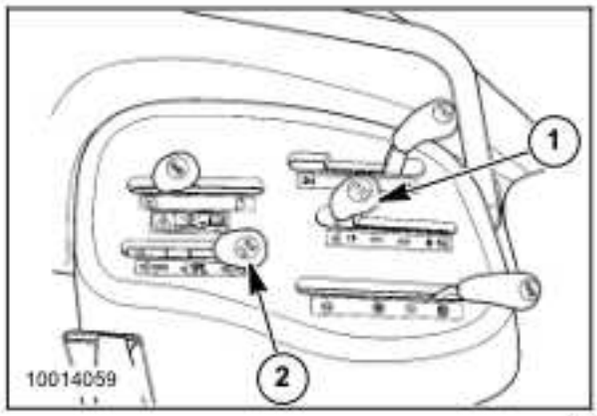
- Place the rear PTO speed selection lever, 2, in either 540 or 540E RPM position.
- If HST tractor is equipped with an optional mid PTO, move the mid PTO Lever, 3, rearward into the engaged/On position.
- Move PTO modulation lever, 1, forward into the engaged/ON position.

IMPORTANT: *The rear PTO speed selection lever and/or mid PTO lever must be engaged or in desired speed location, before PTO modulation is placed in the engaged/ON position. Do not try to change rear PTO speeds or engage mid PTO when PTO modulation lever is engaged.*

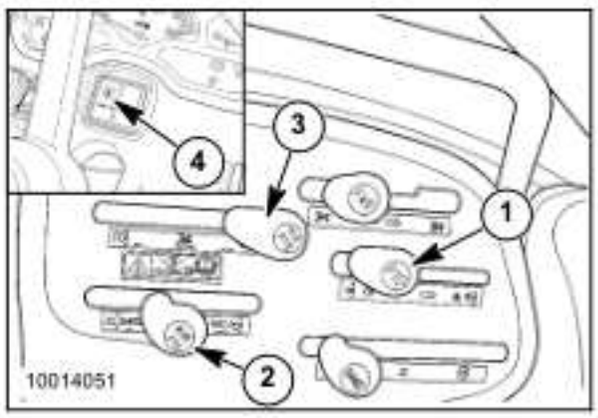
Rear PTO Speed – Determined by the position of the needle on the tachometer. The tachometer is marked to indicate 540 and 540E PTO RPM. At either selected PTO speed the green line indicates the proper operating speed and the red line indicates a over speed condition, at which time, engine RPM should be reduced immediately.

540 Position – Select this PTO speed for normal to heavy load conditions. The rear PTO speed will be 540 RPM at 2400 engine RPM for maximum engine power.

540E (Economy) Position – Select this PTO speed for light load conditions and maximum fuel economy. The rear PTO speed will be 540 RPM at 1775 engine RPM, for less power requirements. When 540E speed is selected, the 540E indicator light, 4, located at the center dash area, will illuminate.



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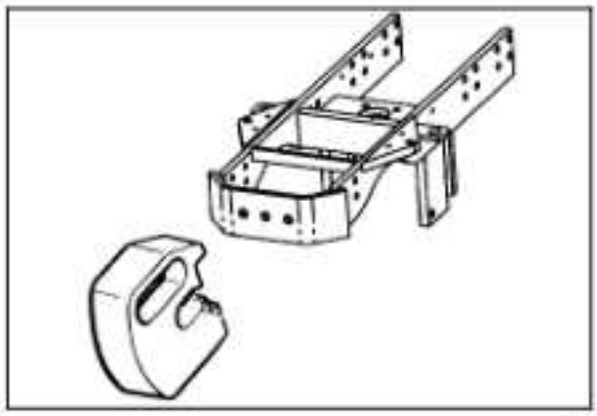


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CAST IRON WEIGHTS (Optional)

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

Tyre Type	Weight(s)
Agricultural, Turf, & Industrial	Maximum of (2) weights per tractor @ 27.3 kg (60 lbs.) each- 54.6 kg (120 lbs.) total Optional: (2) weights @ 45 kg (100 lbs.) each - 90 kg (200 lbs.) total

NOTE: *Front weights are compatible with Super Steer front axle.*

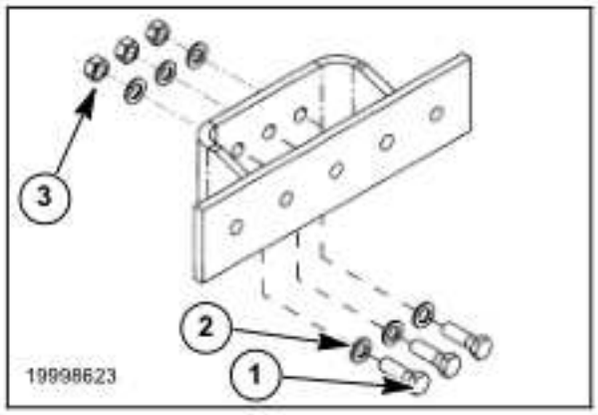
Front Weight Extension Mounting Bracket (Optional)

An extension mounting bracket is available, that can be installed to the frame of the tractor. The extension mounting bracket is used when more than two front end weight are needed for counter balance. When the extension bracket is installed, a maximum of (5) front weights can be installed.

Standard Axle Weight options:

(5) 27.3 kg (60 lbs.) weights, for a maximum of 136.5 kg (300 lbs.)

(5) 45 kg (100 lbs.) weights, for a maximum of 273 kg (500 lbs.)



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NOTE: *The front extension mounting bracket, is compatible with a front grill guard.*

Extension Bracket (Mounting Hardware)

Item	Qty.	Description
1	3	M16 x 50 Hex Head Bolt
2	6	M16 Flat Washer
3	3	M16 Nut

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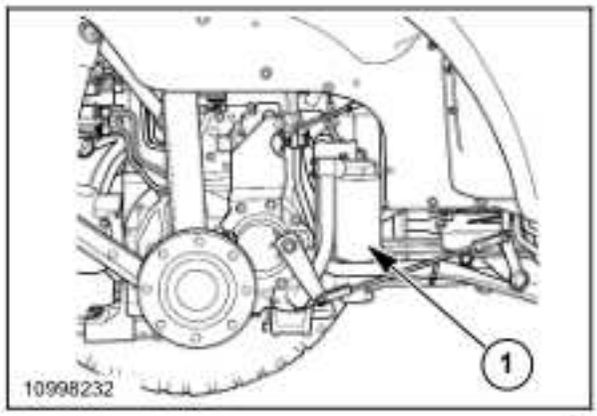
OPERATION 24

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. To replace the filter, 1:

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.



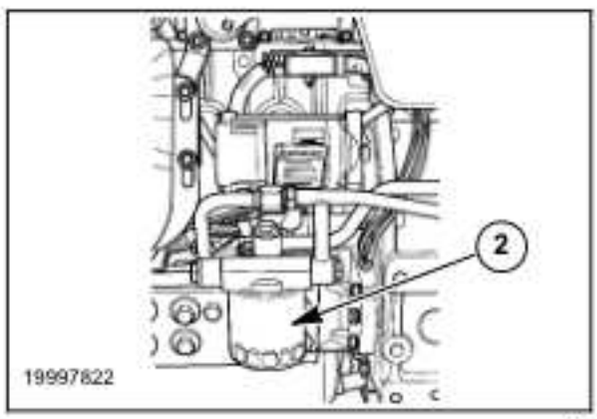
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OPERATION 25

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, 2, follow the procedures found above for changing the hydraulic system oil filter.



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