OPERATOR'S MANUAL

WORKMASTER™ 35
WORKMASTER™ 40
Compact Tractor

Part number 47708977
2nd edition English
June 2014
Replaces part number 84604985

NEW HOLLAND AGRICULTURE

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RIGHT-HAND SIDE CONTROLS

Hydraulic power lift (HPL)

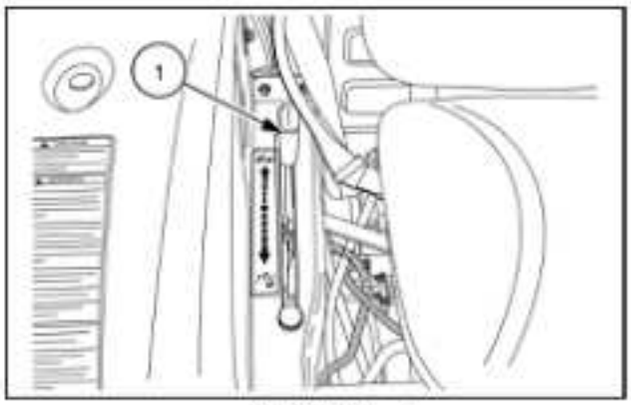
The HPL lever **(1)** is located on the right-hand control pod. The lever controls the position of the two lift arms.

⚠ DANGER

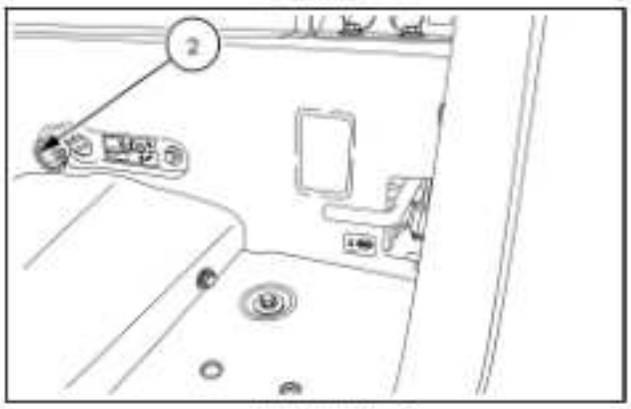
Crushing hazard!
Make sure area is clear of all persons before lowering equipment.
Failure to comply will result in death or serious injury.

D9016A

To lower the lift arms, first make sure the drop rate control valve **(2)** is open, then move the HPL lever forward. To raise the lift arms, move the lever rearward. An adjustable lower stop **(3)** is located in this quadrant for returning the lever to a preset lowering position of the hitch. An adjustable upper HPL control lever height stop **(4)** prevents the control lever from exceeding the lift limit and causing the tractor hydraulic system to go over the relief valve setting.



NHL12CT06501AA 1



NHL12CT06507AA 2

The hydraulic lift system provides accurate, smooth, and instant hydraulic power for raising a variety of compatible equipment whenever the engine is running. The system's position control feature maintains the selected height or depth of three-point linkage equipment in relation to the tractor. When the hydraulic lift control lever is moved to a higher or lower setting in the quadrant, the system repositions the equipment to a higher or lower position and maintains the selected position.

Position control

Position control provides easy, accurate control of the three-point linkage equipment which operated above the ground, such as sprayers, rakes, mowers etc. It also provides uniform depth when using a blade or similar equipment on ground level.

When operating in position control, there is a definite relationship between the position of the control lever in the quadrant and the position of the equipment. The lever must be moved to change the position of the equipment relative to the tractor. The system will automatically maintain the equipment in the selected position.

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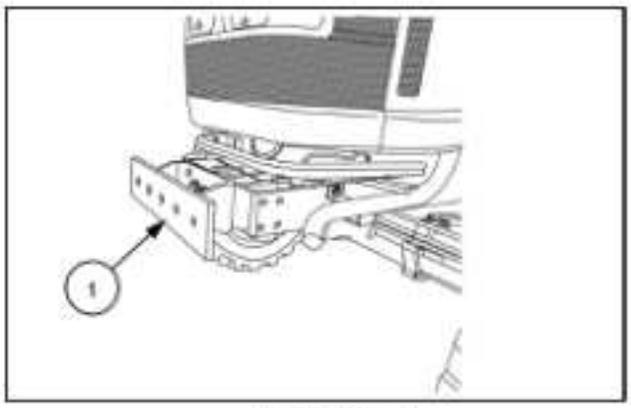
Tractor ballasting weights

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, rear of the tractor and on the rear wheels.

Front weight carrier bracket (Optional)

To mount cast iron weights on the front of the tractor an optional extension mounting bracket **(1)** must be installed on the front of the tractor frame. When the extension bracket is installed, a maximum of five front weights can be installed.



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Weight options:

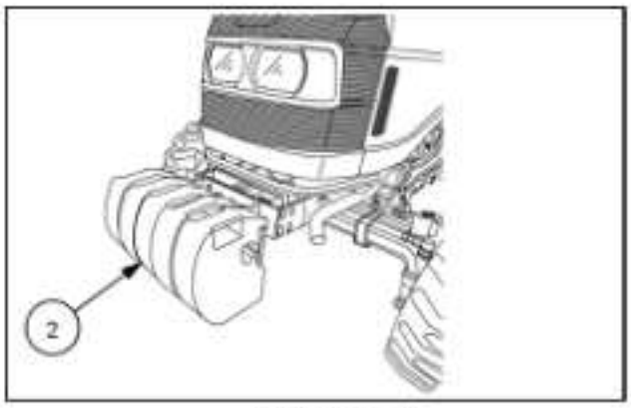
A maximum of five **27 kg** (**60 lb**) weights **(2)** for a total weight of **136 kg** (**300 lb**) .

A maximum of three **45 kg** (**100 lb**) weights **(3)** for a total weight of **135 kg** (**300 lb**) .

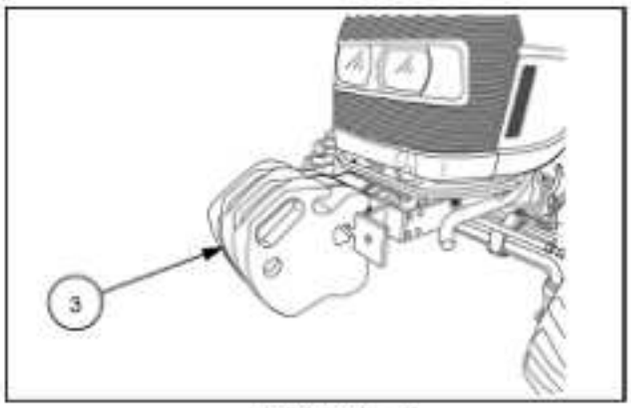
NOTE: *The front extension mounting bracket with a maximum of three* ***27 kg*** *(****60 lb****) weights attached is compatible with a grille guard.*

NOTE: *The front extension mounting bracket with* ***45 kg*** *(****100 lb****) weights is not compatible with a grille guard.*

NOTE: *The front extension mounting bracket is not compatible with a loader installed.*



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NHL12CT00840AA 3

Rear wheel weights (Optional)

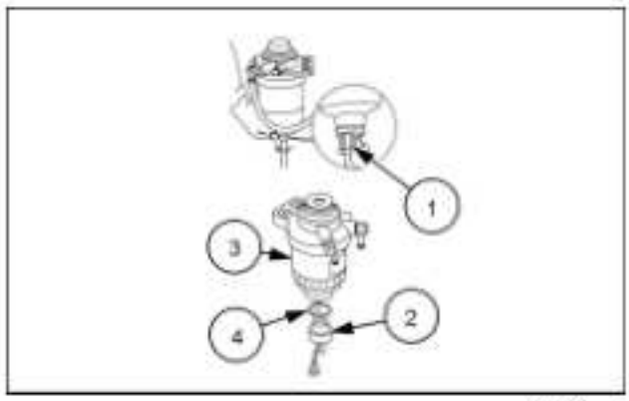
NOTE: *The rear wheel weights are not available .*

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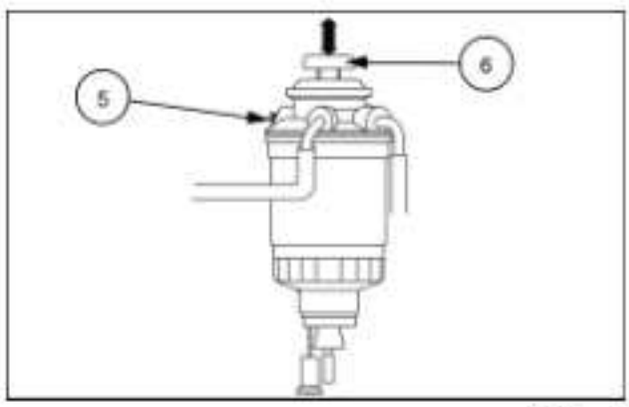
Fuel filter

NOTE: *Change the diesel fuel filter after the first 50 hours of operation, then following every 300 operating hours thereafter.*

1. Loosen fuel filter drain plug **(1)** and drain the fuel from the filter.
2. Disconnect the electrical connector from the fuel filter sensor **(2)**.
3. Remove the fuel filter element **(3)** from the filter base.
4. Remove the fuel filter sensor **(2)** from the original element and install sensor with O-ring **(4)** onto the new element.
5. Install new element onto the filter base.
6. Connect electrical connector to the fuel filter sensor.
7. Tighten fuel filter drain pug.
8. Bleed the air from the fuel filter, by loosening the air bleed plug **(5)** and pressing the manual fuel feed pump **(6)** several times until the fuel flowing from the air bleed plug is free of any air bubbles.
9. Tighten the air bleed plug when air free fuel is flowing from the air bleed plug.



1



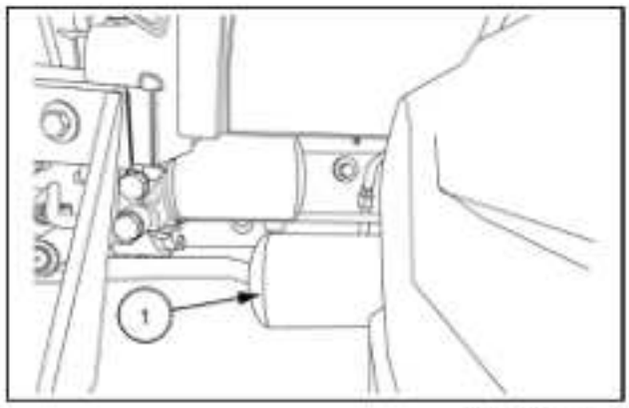
2

NOTE: *There is not a fuel shutoff valve in the fuel system. To stop the fuel flow from the fuel tank, the fuel inlet hose to the fuel filter has to be removed from the fuel filter base and a plug installed or the fuel hose needs to be crimped shut to shutoff the fuel flow.*

Hydraulic 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, located on the left side of the tractor underneath the operator's platform. 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.



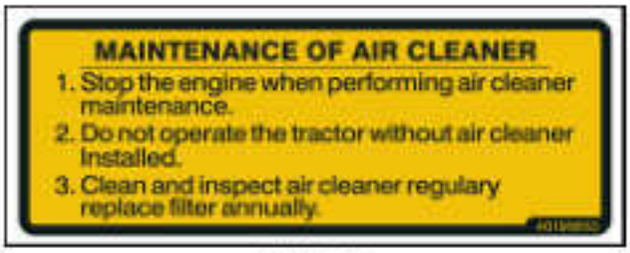
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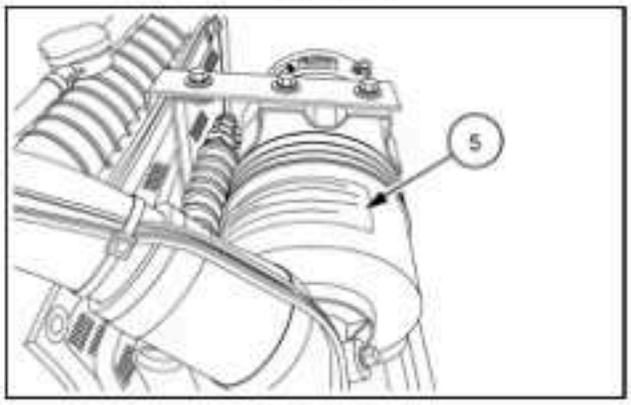
(5)
MAINTENANCE OF AIR CLEANER
1. Stop the engine when performing air cleaner maintenance.
2. Do not operate the tractor without air cleaner installed.
3. Clean and inspect air cleaner regularly
Failure to comply could result in machine damage.

- English **MT40195653**

Location: On top of the air cleaner.



10



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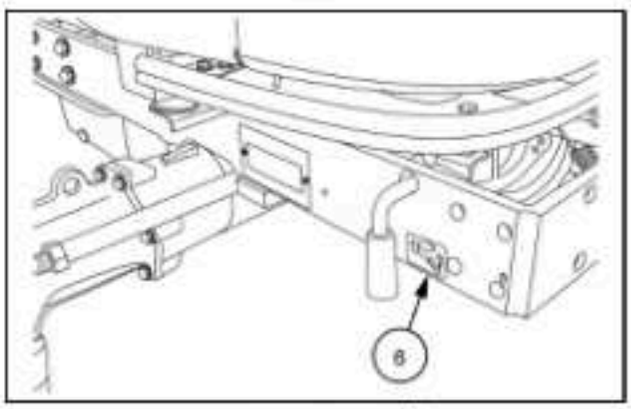
(6)
Hood Release

- English **MT40008831**

Location: On the front right-hand side of the frame rail, in front of the hood release lever.



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