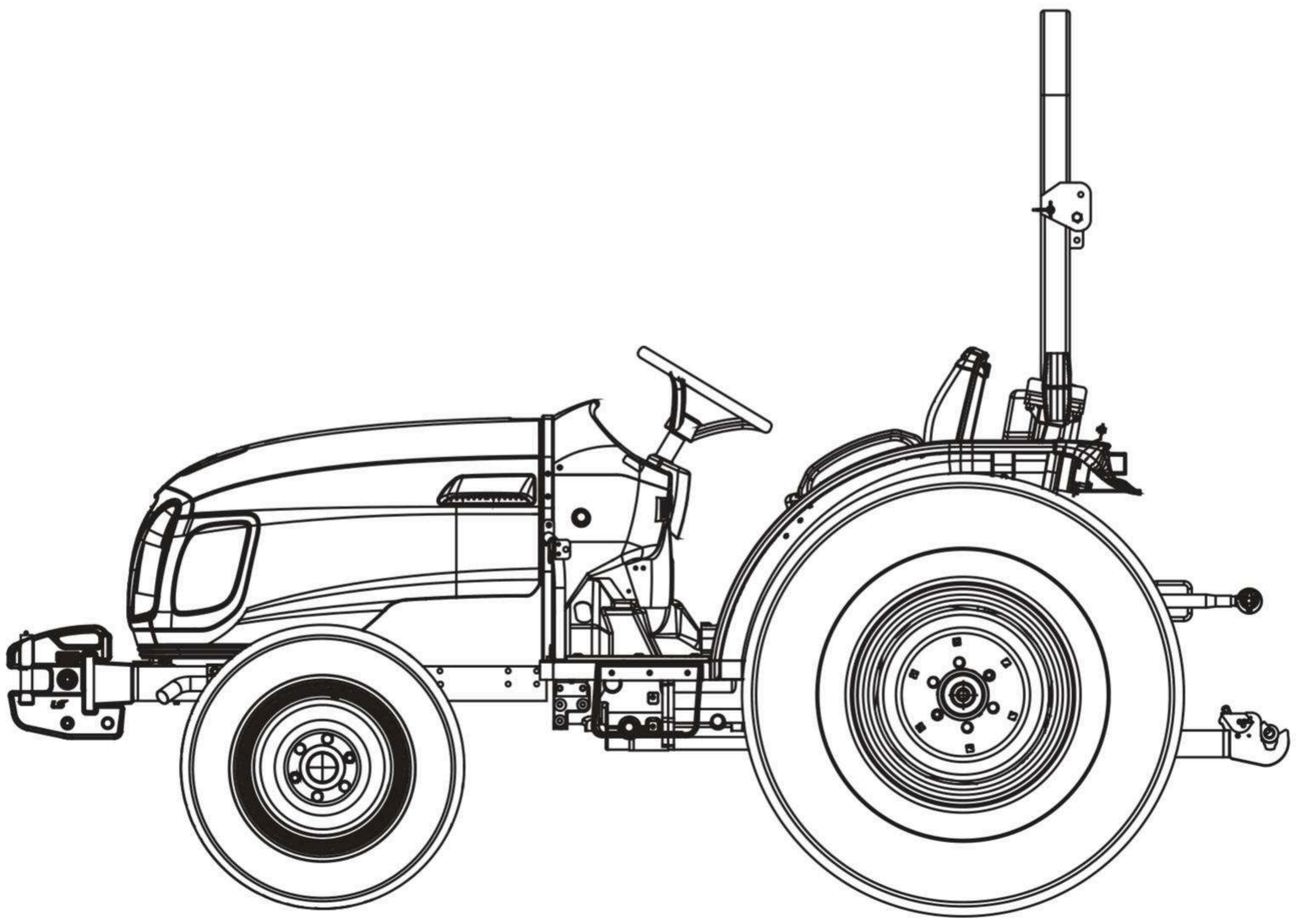
OPERATOR'S MANUAL

Boomer 30
Boomer 35
Compact Tractor



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NEW HOLLAND AGRICULTURE

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Contents

1 GENERAL INFORMATION

Note to the Owner 1-1
Foreword Ecology and the Environment 1-2
General specification - Biodiesel Fuels 1-3
Proposition 65 1-4
Advice 1-5
Product identification 1-6

2 SAFETY INFORMATION

Precautionary statements and signal word definitions 2-1
Safety rules 2-2
Personal safety 2-7
Safety rules 2-8
ROPS - Personal safety - Roll-over protective structure 2-10
Safety decals 2-11
Instructional decals 2-17
International symbols 2-20

3 CONTROLS/INSTRUMENTS

OPERATOR'S SEAT

Seat belt 3-1
Seat controls 3-1
ROPS - Dynamic description 3-2

FORWARD CONTROLS

Instrument panel 3-4
Cruise control 3-6
Transmission shuttle shift lever 3-6
Clutch pedal 3-7
Brake pedals 3-7
Foot throttle pedal 3-8
Hand throttle lever 3-8
Horn switch 3-8
PTO switch 3-9
Key switch 3-9
Differential lock pedal 3-10
HST foot pedals 3-11
Tilt steering lever 3-11
Multifunction light switch 3-12

LEFT-HAND SIDE CONTROLS

Transmission range lever 3-13
Park brake 3-13
Front-wheel drive lever 3-14
Mid PTO lever 3-15

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RIGHT-HAND SIDE CONTROLS

Hydraulic power lift (HPL) 3-16
Draft control 3-17
Rear remote control valve(s) 3-18
Two-spool control valve 3-19
Transmission main shift lever 3-20

EXTERIOR CONTROLS

Hood release lever 3-21

4 OPERATING INSTRUCTIONS

COMMISSIONING THE UNIT

Engine break-in procedure 4-1
Power take-off (PTO) operation 4-2
Three-point linkage 4-4
Attaching three-point equipment 4-5
Extendible drawbar 4-8
Hydraulic lift rocker 4-9
HPL drop rate control valve 4-9

STARTING THE UNIT

Key switch 4-10
Cold starting aids 4-10
Starting the engine 4-11
Starting the tractor with jumper cables 4-14

STOPPING THE UNIT

Stopping the engine 4-15
Emergency stopping 4-16
Brakes 4-17

MOVING THE UNIT

Steering wheel adjustment 4-19
Steering operation 4-20
Transmission operation at low ambient temperatures 4-21
Hydrostatic transmission (HST) operation 4-22
12 x 12 Synchronized transmission operation 4-24

PARKING THE UNIT

AXLES, BRAKES AND STEERING - Park - the tractor 4-26

5 TRANSPORT OPERATIONS

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ROAD TRANSPORT

LIGHTING SYSTEM - Identification 5-1
Hazard warning light operation 5-2
Turn signal operation 5-2
Headlight/work light operation 5-3
Rear work light (optional) 5-4
Driving the vehicle 5-5

SHIPPING TRANSPORT

Carrying the tractor on a transporter 5-6

RECOVERY TRANSPORT

Towing 5-6

6 WORKING OPERATIONS

GENERAL INFORMATION

Tractor ballasting 6-1
Tractor ballasting weights 6-2
Liquid Ballast 6-4

7 MAINTENANCE

GENERAL INFORMATION

General Information 7-1
Safety rules Diesel Fuel 7-3
BIODIESEL FUEL 7-4
Basic instructions Refueling the tractor 7-5

MAINTENANCE CHART

Maintenance Chart 7-6

LUBRICATION SYSTEM

LUBRICATION SYSTEM - Lubricate 7-8
LUBRICATION SYSTEM - Grease - Fittings 7-9

ENGINE

LUBRICATION SYSTEM - Check - Engine 7-10
LUBRICATION SYSTEM - Change fluid Engine 7-11

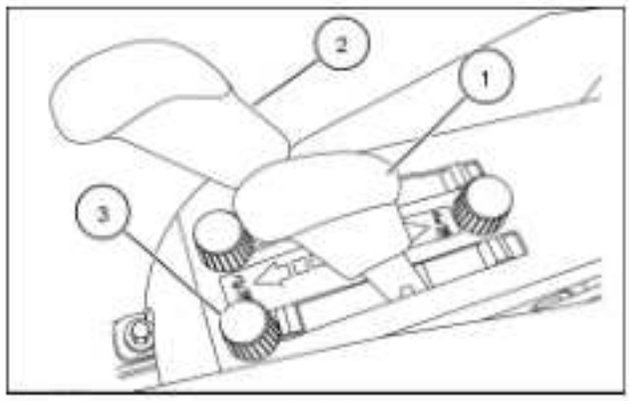
FUEL AND INJECTION SYSTEM

Fuel filter system Fuel filter - Drain fluid 7-12
Fuel filter system Fuel filter - Replace 7-13
FUEL AND INJECTION SYSTEM - Bleed 7-14
Fuel injector - Bleed 7-15

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Draft control

The optional draft control lever **(1)**will be located in the slot on the right-hand control pod, next to the position control lever **(2)**.



The draft control lever sets the desired depth of the attached implement. Draft control is best when using implements that operate in the ground, such as plows, harrows, or cultivators. The draft loading on the implement increases and decreases as the working depth or the soil resistance changes.

To set the draft control, move the position control lever **(2)** to its full forward position. Then set the implement draft depth lower by moving draft control lever forward, or set it higher by moving lever rearward.

Implement depth will be promotional to draft, depending on the soil conditions. With draft control, the lift keeps the tractive effort steady automatically.

You can limit the range manual draft lever operation by moving and tightening the stop **(3)**.

Combined draft and position control

You can use draft and position control together to operate in draft control but prevent the implement from sinking excessively when soil conditions change. First set the draft control lever with the position control lever fully forward. Then move the position control lever back until the lift arms start to rise. The position control lever sets the lowered position of the hydraulic lift.

Float operation

Move the draft control lever and position control lever fully forward. The three-point linkage will now be free to "float" or follow the ground contour, a feature useful for scraper blades, etc.

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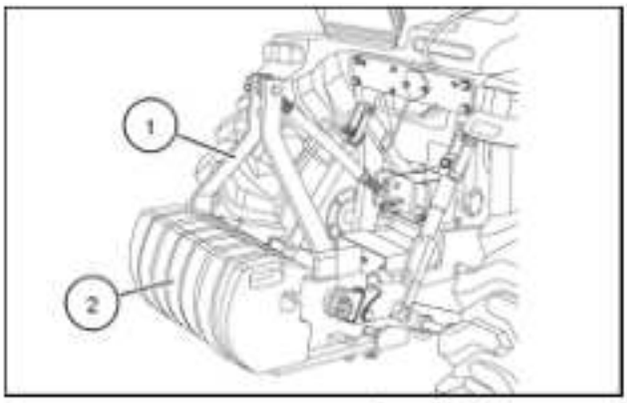
Rear counter weight bracket (Optional)

To mount cast iron weights on the rear of the tractor an optional weight bracket **(1)** must be installed on the rear 3-point hitch. A maximum of seven suitcase weights **(2)** can be fitted to the bracket.

Weight options:

A maximum of seven **27 kg** (**60 lb**) weights for a total weight of **191 kg** (**421 lb**).

A maximum of two **27 kg** (**60 lb**) weights, and five **45 kg** (**100 lb**) weights, for a total weight of **282 kg** (**622 lb**).

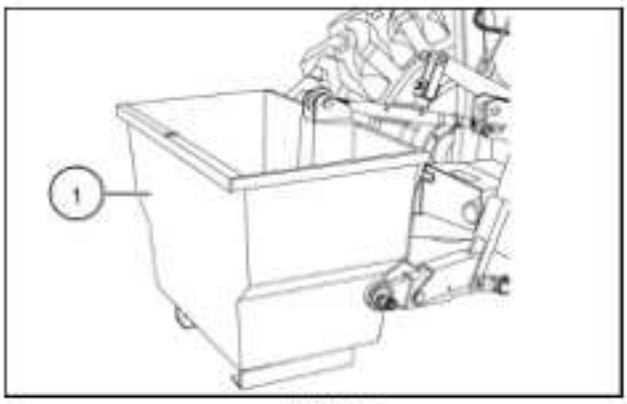


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Ballasting box (Optional)

A category-1, 3-point hitch, **227 kg** (**500 lb**) capacity ballasting box **(1)** may be purchased as extra equipment. Load with sand, gravel, or similar loose ballast as needed.

	Weight (Empty)	Weight (Loaded)
3-Point Hitch Ballasting Box	**46 kg** (**101 lb**)	**228 kg** (**503 lb**)



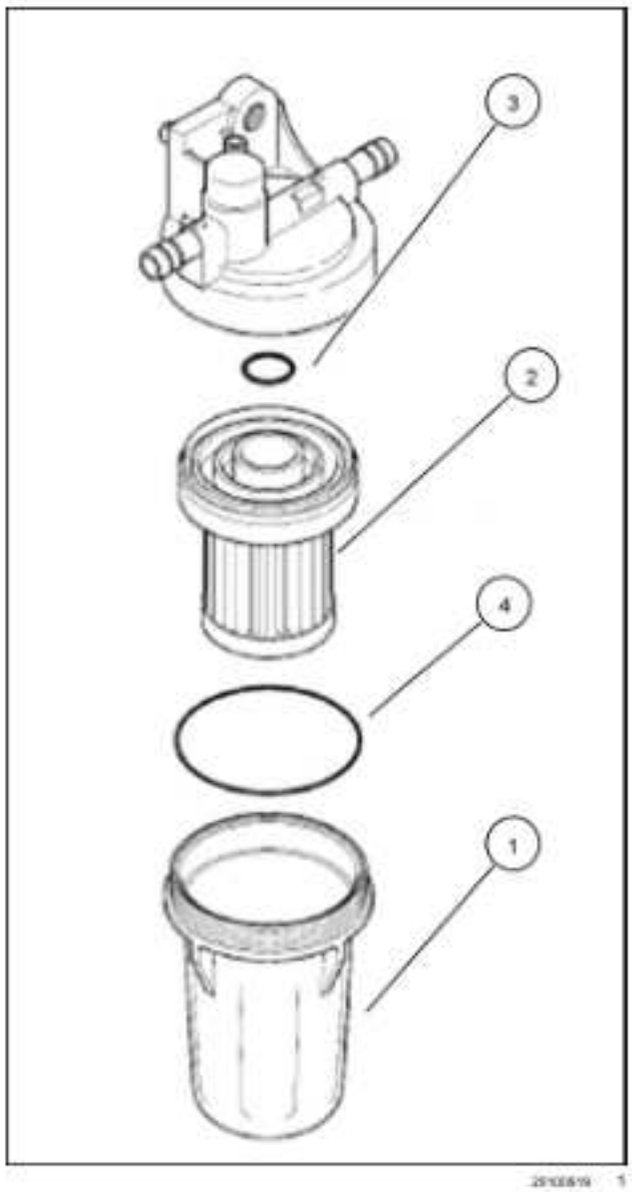
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Fuel filter system Fuel filter - Replace

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

1. Close off the fuel inlet hose to the fuel filter.
2. Remove the sediment bowl **(1)** by rotating bowel from the base.
3. Open fuel inlet hose, to drain any remaining water from the tank.
4. Pull element with plastic base from fuel filter housing **(2)** and install a new element.
5. Inspect the O-rings **(3)** and **(4)** and replace if necessary.
6. Install and securely tighten the sediment bowl.
7. Open the fuel inlet hose, so fuel will flow to the filter.
8. Bleed the fuel filter and injection pump as described in **7-14**.



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.*

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(8)
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.



(9)
JOYSTICK LEVER USAGE
WARNING
To Avoid Personal Injury
Wrong operation causes serious injury easily.
Push the lever **(1)** in to lock the joystick in neutral.
Failure to comply could result in machine damage.

- English **MT40226388**

Location: On the right-hand fender.



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(1)
WARNING
To prevent serious injury or death.
High pressure steam and hot water.
Remove filler cap with extreme care.
Failure to comply could result in death or serious injury.

- English **MT40195649**

Location: On top of the air cleaner support bracket.



3

(2)
WARNING
To prevent serious injury or death.
Beware hot part.
Keep clear of muffler to avoid injury.
Failure to comply could result in minor or moderate injury.

- English **MT40195646**

Location: Under the hood, in the middle of the firewall.



4

(3)
WARNING
Keep hands and clothing away from the rotating fan and belts.
Contact with moving parts may cause loss of fingers or a hand.
Failure to comply could result in death or serious injury.

- English **MT40008816**

Location: On the left-hand and right-hand side of the fan shroud.



5

(4)
WARNING

- Rotating driveline contact may cause serious injury or death.
- Keep all driveline, tractor and equipment shields in place during operation.
- English **MT40195650**

Location: On top of the rear PTO guard.



6

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