OPERATOR'S MANUAL

Boomer™ 20
Boomer™ 25
Compact Tractor

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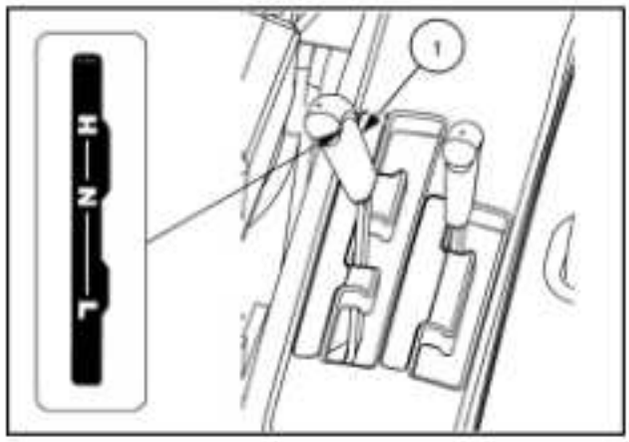
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LEFT-HAND SIDE CONTROLS

Transmission range selector lever

The transmission range selector lever **(1)** is located on the left-hand control pod. There are two speed ranges , (H) High, and (L) Low. The transmission range selector lever has a neutral position (N) between the H and L positions.

NOTICE: *Never attempt to engage or disengage the range lever when the tractor is in motion.*



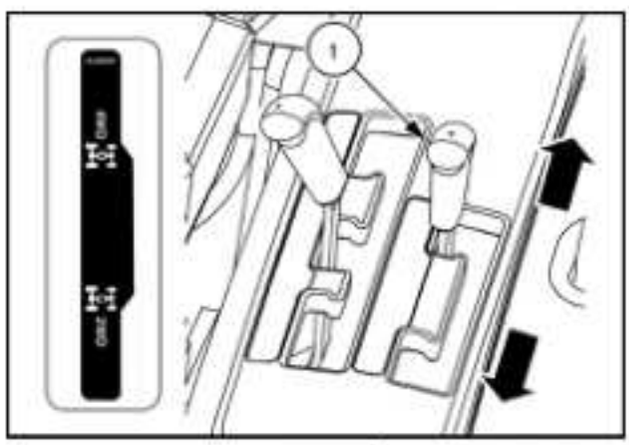
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Front wheel drive selector lever

The front-wheel drive (FWD) is controlled by a lever **(1)** that is located on the left-hand side control pod.

NOTE: *Use front-wheel drive when additional traction is required while operating on loose soil, in wet, slippery conditions, or on slopes. For normal operation on firm soil, level hard surfaces, or when operating the unit at high speeds, disengage the front-wheel drive to maximize tire and driveline life and to economize on fuel.*

To engage the front-wheel drive, stop the tractor completely and move the lever **(1)** completely rearward. To disengage the front-wheel drive, stop the tractor completely and move the lever forward.



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After the first 50 hours of operation

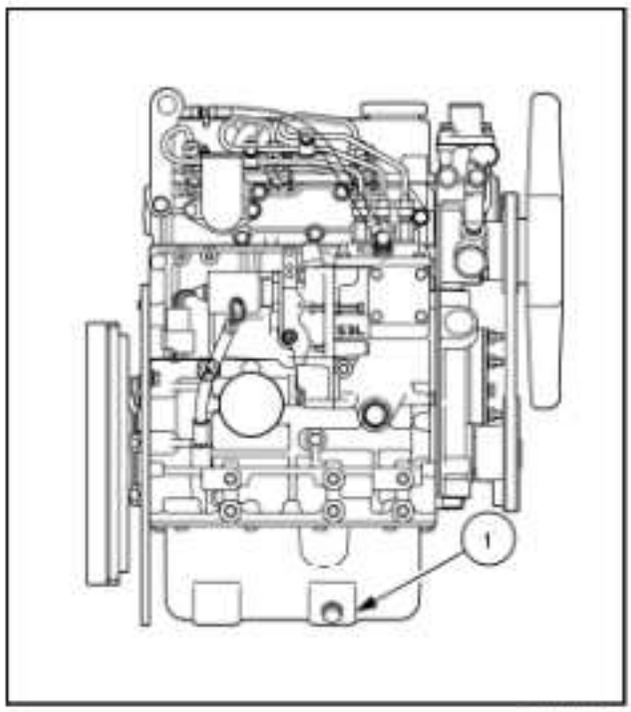
Engine oil and filter

Changing the engine oil and filter

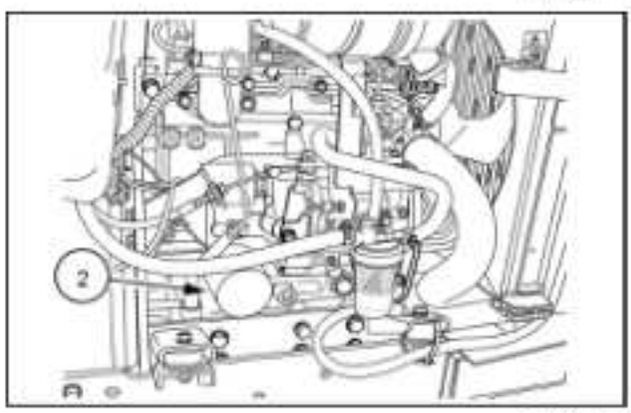
NOTE: *Change the engine oil and filter after the first 50 hours of operation, then every 300 hours thereafter. If the tractor is operated for extended periods of time at maximum rated power and speed, or under other types of continuous, severe operating conditions, the engine oil and filter should be changed at 200 hour intervals following the initial oil change.*

To change the engine oil:

1. Place a suitable container beneath the drain opening to catch the used oil. With the tractor engine off but at normal operating temperature, remove the drain plug, **(1)**. Reinstall the plug after all of the oil has been drained.



2. Next, place a container below the oil filter, **(2)**, to catch the used oil and unscrew the oil filter. Discard the used oil and filter.
3. Coat the gasket on the new filter with a film of clean oil. Screw the filter into place until the gasket contacts its mating surface, then turn the filter approximately three-quarters of a turn by hand. Do not overtighten.
4. Add the proper type and level of new oil, then start the engine and check the filter for leaks.



NOTE: *Oil Capacity, with filter* ***4.2 l (4.4 US qt)***

Recommended Oils

Ambient Temp (°F)	Recommended Oil
-12 - 49 °C (10 - 120 °F)	NEW HOLLAND AMBRA MASTERGOLD™ HSP ENGINE OIL SAE 15W-40
-23.3 - 49 °C (-10 - 120 °F)	NEW HOLLAND AMBRA MASTERGOLD™ HSP ENGINE OIL SAE 10W-30
-29 - 16 °C (-20 - 60 °F)	NEW HOLLAND AMBRA MASTERGOLD HSP SAE 5W-30
Oil Specification API CF-4 or CH-4	

NOTE: *Tractors are originally shipped with (15W40) oil.*

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Tractor dimensions

	Model Boomer 20 - Hydrostatic	Model Boomer 25 - Hydrostatic
(1) - LENGTH:		
FWD:	**2632 mm (103.6 in)**	**2632 mm (103.6 in)**
(2) - WHEEL BASE:		
FWD:	**1500 mm (59.0 in)**	**1500 mm (59.0 in)**
(3) - Top of ROPS - Folding:		
Turf Tires: 33x 12.50-16.5		
Up Position	**2161 mm (85.1 in)**	**2161 mm (85.1 in)**
Down Position	**1756 mm (69.2 in)**	**1756 mm (69.2 in)**
Ind. Tires: 12.00 x 16.5		
Up Position	**2173 mm (85.5 in)**	**2173 mm (85.5 in)**
Down Position	**1768 mm (69.6 in)**	**1768 mm (69.6 in)**
(4) - WIDTH:		
Rear Axle - Outside to Outside of tire:		
Turf Tires: 33x 12.50-16.5	**1255 mm (49.4 in)**	**1255 mm (49.4 in)**
Ind. Tires: 12.00 x 16.5	**1247 mm (49.1 in)**	**1247 mm (49.1 in)**
(5) - MINIMUM GROUND CLEARANCE (under drawbar support):		
Turf Tires: 33x 12.50-16.5	**229 mm (9.0 in)**	**229 mm (9.0 in)**
Ind. Tires: 12.00 x 16.5	**241 mm (9.5 in)**	**241 mm (9.5 in)**
WHEEL TREAD SETTINGS:		
(6)-FRONT:		
Turf Tires: 23 x 8.50-12	**912 mm (36.0 in)**	**912 mm (36.0 in)**
Ind. Tires: 23 x 8.50-12	**912 mm (36.0 in)**	**912 mm (36.0 in)**
(7)-REAR:		
Turf Tires: 33x 12.50-16.5	**944 mm (37.3 in)**	**944 mm (37.3 in)**
Ind. Tires: 12.00 x 16.5	**940 mm (37.0 in)**	**940 mm (37.0 in)**
WEIGHT: less tires:		
HST (FWD)	**626 kg (1380 lb)**	**626 kg (1380 lb)**

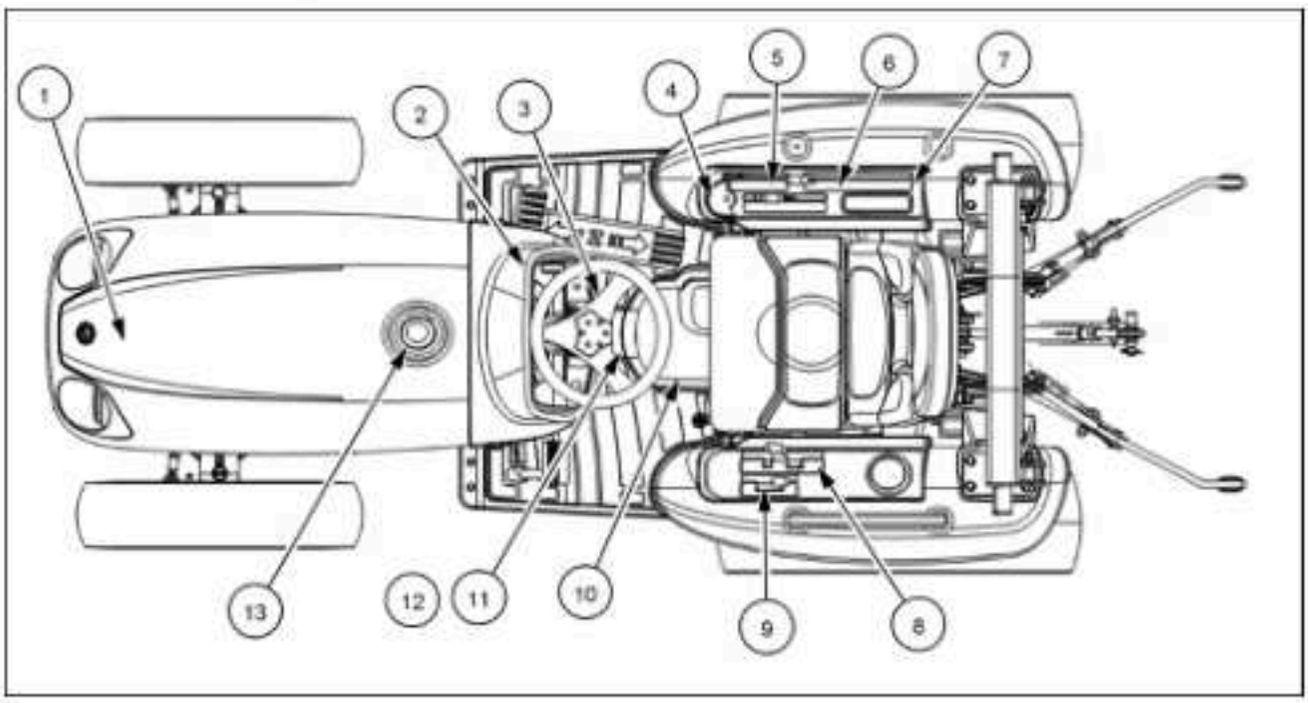
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Instructional signs

The following instructional signs are placed on your machine as a guide for your safety and for those working with you. Walk around the machine and note the content and location of these instructional signs before operating your machine.

Keep instructional signs clean and legible. Clean instructional signs with a soft cloth, water, and a gentle detergent. Do not use solvent, gasoline, or other harsh chemicals. Solvents, gasoline, and other harsh chemicals may damage or remove instructional signs.

Replace all instructional signs that are damaged, missing, painted over, or illegible. If an instructional sign is on a part that is replaced, make sure the instructional sign is installed on the new part. See your NEW HOLLAND dealer for replacement instructional signs.



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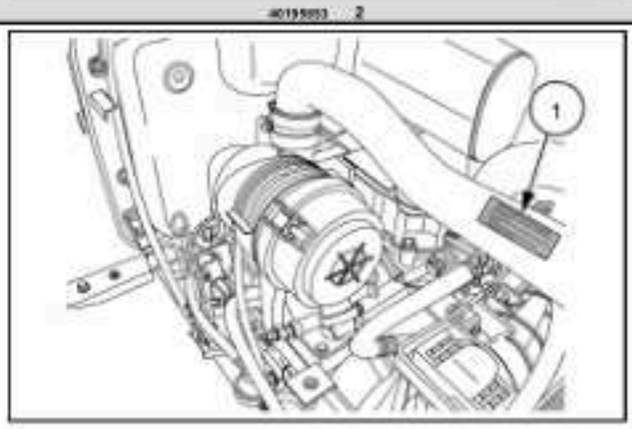
Maintenance of air cleaner

Quantity 1
English: MT40195653



40195653 2

(1) Located on the top of air cleaner hose.



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