ORIGINAL INSTRUCTIONS

OPERATOR'S MANUAL

Workmaster™ 25
Tier 4B (final)
Compact Tractor

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MidWestTech | New Holland Workmaster 25 Tier 4B Compact Tractor Operator's Manual | Publication 51414247

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Every 8 hours or daily
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Engine cooling system - Check 7-10
Transmission - Check 7-12
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After first 50 hours
Engine lubrication system - Change fluid 7-14
Fuel filters - Replace 7-15
Hydraulic oil suction filter - Replace 7-16
Hydrostatic Transmission (HST) oil filter - Replace 7-17
Roll Over Protective Structure (ROPS) frame - Check 7-18
Wheel hardware - Check 7-19

Every 50 hours
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Transmission - Check 7-22
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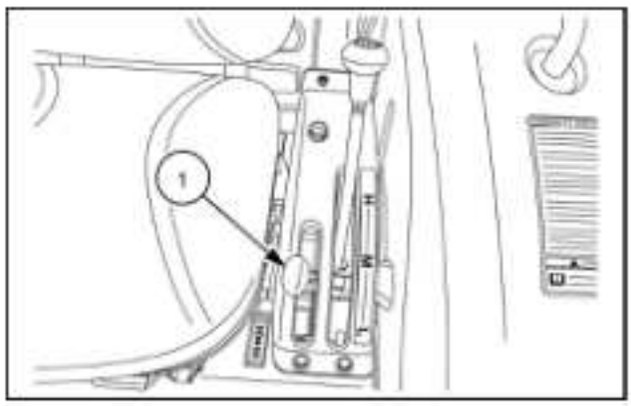
Four-Wheel Drive (4WD) lever

The four wheel drive (4WD) is controlled by a lever. The lever is located on the left-hand control pod.

NOTE: *Use four 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 four wheel drive to maximize tire and drive-line life and to obtain better fuel economy.*

Mechanical transmission model

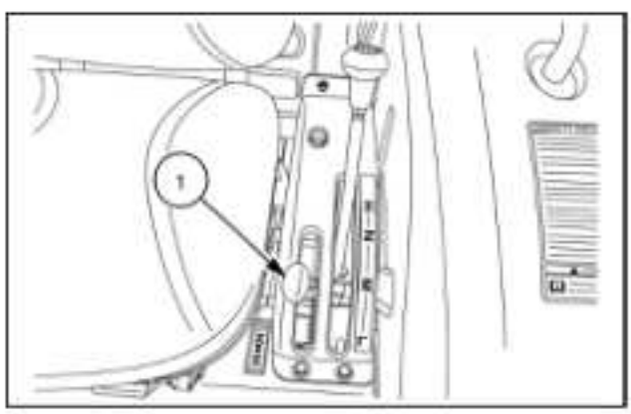
To engage the four wheel drive on mechanical transmission model tractors, stop the tractor completely, depress the clutch pedal and move the lever **(1)** completely forward. To disengage the four wheel drive, stop the tractor completely, depress the clutch pedal and pull the lever **(1)** rearward.



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Hydrostatic Transmission (HST) model

To engage the four wheel drive on HST model tractors, stop the tractor completely and move the lever **(1)** completely forward. To disengage the four wheel drive, stop the tractor completely and pull the lever **(1)** rearward.



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Tire load capacity

The table below is the load capacity of the tires. Do not over the load the tires. The axle rating of the tractor may be less than the capacity of the tires. Do not exceed the maximum permissible mass of the tractor.

Front tire inflation pressures and load capacity				
Tire Type	**Tire Size**	**Recommended air pressure**	**Maximum load capacity at Minimum inflation pressure**	**Maximum load capacity at maximum inflation pressure**
Agricultural (R1)	7-14, 4PR, R1	**41 – 248 kPa (6 – 36 psi)**	**160 kg (353 lb)**	**449 kg (990 lb)**
Turf (R3)	25 x 8.50-14, 4PR, R3	**34 – 152 kPa (5 – 22 psi)**	**251 kg (553 lb)**	**599 kg (1321 lb)**
Industrial (R4)	25 x 8.50-14, 6PR, R4	**207 – 345 kPa (30 – 50 psi)**	**716 kg (1579 lb)**	**966 kg (2130 lb)**

Rear tire inflation pressures and load capacity				
Tire Type	**Tire Size**	**Recommended air pressure**	**Maximum load capacity at minimum inflation pressure**	**Maximum load capacity at maximum inflation pressure**
Agricultural (R1)	11.2-24, 4PR, R1	**83 – 124 kPa (12 – 18 psi)**	**454 kg (1001 lb)**	**1152 kg (2540 lb)**
Turf (R3)	41 x 14.00-20, 4PR, R3	**69 – 172 kPa (10 – 25 psi)**	**825 kg (1819 lb)**	**1397 kg (3080 lb)**
Industrial (R4)	43 x16-20, 4PR, R4	**138 kPa (20 psi)**	**2059.0 kg (4539.3 lb)**	**2059.0 kg (4539.3 lb)**

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Maintenance planning

Maintenance chart

Maintenance action	Check	Cleaning	Change fluid	Replace	Tighten	Test	Bleed	Drain fluid	Adjust	Grease	Page no.
Every 8 hours or daily											
Engine lubrication system - Check	x										7-9
Engine cooling system - Check	x										7-10
Transmission - Check	x										7-12
Radiator screen cleaning		x									7-13
After first 50 hours											
Engine lubrication system - Change fluid			x								7-14
Fuel filters - Replace				x							7-15
Hydraulic oil suction filter - Replace				x							7-16
Hydrostatic Transmission (HST) oil filter - Replace				x							7-17
Roll Over Protective Structure (ROPS) frame - Check	x										7-18
Wheel hardware - Check					x						7-19
Every 50 hours											
Machine fittings - Grease									x		7-20
Transmission - Check	x										7-12
Tire pressure - Check	x										7-23
Clutch Pedal Free Play - Check								x			7-25
Hydrostatic transmission (HST) neutral adjustment - Check	x										7-26
Belt - Check	x										7-27
Mechanical service brakes - Check								x			7-28
Front axle differential fluid level - Check	x										7-29
Air cleaner - Outer element - Cleaning		x									7-30
Every 250 hours											
Engine lubrication system - Change fluid			x								7-14
Fuel filters - Replace				x							7-15
Hydraulic oil suction filter - Replace				x							7-16
Hydrostatic Transmission (HST) oil filter - Replace				x							7-17
Air cleaner - Outer element - Replace				x							7-35
Wheel hardware - Check					x						7-19
Roll Over Protective Structure (ROPS) frame - Check	x										7-18
Every 500 hours											
Front axle and differential fluid - Change			x								7-38
Transmission - Change fluid			x								7-40
Air cleaner - Inner element - Replace				x							7-41
Valves - Check	x										7-42
Every two years											
Engine cooling system - Drain fluid								x			7-43
As required											
Fuel injection system - Bleed							x				7-44
Roll Over Protective Structure (ROPS) frame - Replace - Possible damage				x							7-45
Battery - Test						x					7-46
Fuses - Check	x										7-47
Main fuse - Check				x							7-48
Headlight - Replace				x							7-49

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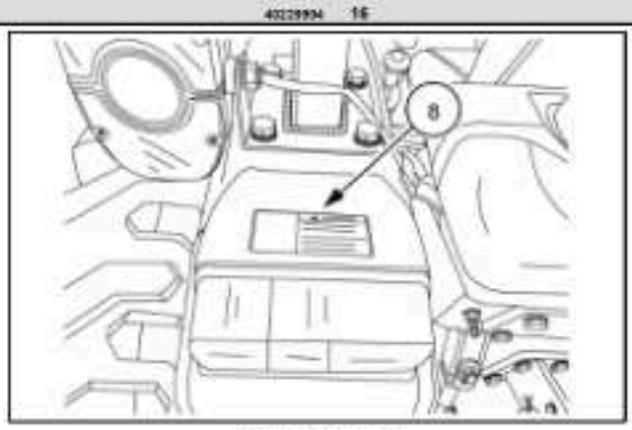
WARNING
(8)
Operate control only from tractor seat.
Read Operator's Manual.
Failure to comply could result in death or serious injury.

Quantity: 2
English Part Number: MT40229994



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(8) Location: On the rear of the left-hand and right-hand fenders.



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(9)
Reflective red tape

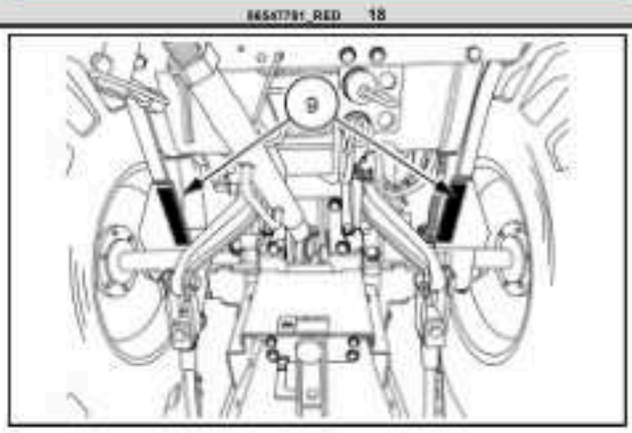
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Quantity: 2
English Part Number: MT40310801



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(9) Location: On both rear sides of the Roll Over Protective Structure (ROPS).



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