

SERVICE MANUAL

**Workmaster™ 50 / Workmaster™ 60 /
Workmaster™ 70
Tier 4B (final)
Tractor**

Part number 47866583
1st edition English
December 2015





SERVICE MANUAL

Workmaster™ 50

Workmaster™ 60

Workmaster™ 70

Link Product / Engine

Product	Market Product	Engine
Workmaster™ 50 Compact tractor, 2WD, 50 HP, TIER 4B (FINAL)	North America	R 753 IE4
Workmaster™ 50 Compact tractor, 4WD, 50 HP, TIER 4B (FINAL)	North America	R 753 IE4
Workmaster™ 60 Compact tractor, 2WD, 60 HP, TIER4B (FINAL)	North America	R 753 IE4
Workmaster™ 60 Compact tractor, 4WD, 60 HP, TIER 4B (FINAL)	North America	R 753 IE4
Workmaster™ 70 Compact tractor, 2WD, TIER 4B (FINAL)	North America	R 753 IE4
Workmaster™ 70 Compact tractor, 4WD, 70 HP, TIER 4B (FINAL)	North America	R 753 IE4

Contents

INTRODUCTION

Engine	10
[10.001] Engine and crankcase	10.1
[10.103] Crankshaft and flywheel.....	10.2
[10.202] Air cleaners and lines	10.3
[10.206] Fuel filters	10.4
[10.216] Fuel tanks	10.5
[10.310] Aftercooler.....	10.6
[10.400] Engine cooling system	10.7
Clutch	18
[18.100] Clutch mechanical release control	18.1
[18.110] Clutch and components	18.2
Transmission	21
[21.114] Mechanical transmission	21.1
[21.130] Mechanical transmission external controls.....	21.2
[21.140] Mechanical transmission internal components.....	21.3
[21.145] Gearbox internal components.....	21.4
[21.200] Dropbox	21.5
Four-Wheel Drive (4WD) system	23
[23.314] Drive shaft.....	23.1
Front axle system	25
[25.100] Powered front axle	25.1
[25.102] Front bevel gear set and differential	25.2
[25.108] Final drive hub, steering knuckles, and shafts	25.3
[25.310] Final drives	25.4
[25.400] Non-powered front axle	25.5

Rear axle system	27
[27.100] Powered rear axle.....	27.1
[27.106] Rear bevel gear set and differential.....	27.2
[27.120] Planetary and final drives	27.3
Power Take-Off (PTO)	31
[31.101] Rear mechanical control	31.1
[31.110] One-speed rear Power Take-Off (PTO)	31.2
[31.114] Two-speed rear Power Take-Off (PTO)	31.3
Brakes and controls	33
[33.120] Mechanical service brakes	33.1
Hydraulic systems	35
[35.000] Hydraulic systems.....	35.1
[35.100] Main lift system.....	35.2
[35.104] Fixed displacement pump	35.3
[35.204] Remote control valves	35.4
[35.300] Reservoir, cooler, and filters.....	35.5
[35.355] Hydraulic hand control	35.6
[35.359] Main control valve.....	35.7
Steering	41
[41.101] Steering control	41.1
[41.200] Hydraulic control components.....	41.2
[41.206] Pump	41.3
[41.216] Cylinders	41.4
Wheels	44
[44.511] Front wheels.....	44.1
[44.520] Rear wheels.....	44.2
Electrical systems	55
[55.000] Electrical system	55.1

It's a preview. You can download the full file by clicking the link below.

<https://shopservicemanual.com/>

Service Manuals from 2\$