FARMALL® 30A
FARMALL® 35A
Tier 4B (final)
Compact Tractor

SERVICE MANUAL

Part number 47881876

Ist edition English January 2016





SERVICE MANUAL

Farmall® 30A 33 HP compact tractor, TIER 4B (final). Farmall® 35A 37 HP compact tractor, TIER 4B (final).

Link Product / Engine

Product	Market Product	Engine
Farmall® 30A 33 HP compact	North America	N843T-F-24
tractor, TIER 4B (final).		
Farmall® 35A 37 HP compact	North America	N843LT-F-27
tractor, TIER 4B (final).		

Contents

INTRODUCTION

Engine	. 10
[10.001] Engine and crankcase	. 10.1
[10.202] Air cleaners and lines	. 10.2
[10.250] Turbocharger and lines	. 10.3
[10.254] Intake and exhaust manifolds and muffler	. 10.4
[10.304] Engine lubrication system	. 10.5
[10.400] Engine cooling system	. 10.6
[10.408] Oil cooler and lines	. 10.7
[10.501] Exhaust Gas Recirculation (EGR) exhaust treatment	. 10.8
Clutch	. 18
[18.104] Clutch hydraulic 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
[21.182] Differential	. 21.4
Four-Wheel Drive (4WD) system	. 23
[23.304] Four-Wheel Drive (4WD) gearbox	. 23.1
Front axle system	. 25
[25.100] Powered front axle	. 25.1
[25.108] Final drive hub, steering knuckles, and shafts	. 25.2
[25.310] Final drives	. 25.3
Rear axle system	. 27
[27.106] Rear bevel gear set and differential	. 27.1

[27.120] Planetary and final drives	27.2
Hydrostatic drive	29
[29.100] Transmission and steering hydrostatic control	29.1
[29.202] Hydrostatic transmission	29.2
[29.218] Pump and motor components	29.3
Power Take-Off (PTO)	31
[31.101] Rear mechanical control	31.1
[31.104] Rear electro-hydraulic control	31.2
[31.110] One-speed rear Power Take-Off (PTO)	31.3
[31.120] Central Power Take-Off (PTO)	31.4
Brakes and controls	33
[33.110] Parking brake or parking lock	33.1
[33.120] Mechanical service brakes	33.2
Hydraulic systems	35
[35.000] Hydraulic systems	35.1
[35.104] Fixed displacement pump	35.2
[35.114] Three-point hitch control valve	35.3
[35.116] Three-point hitch cylinder	35.4
[35.204] Remote control valves	35.5
[35.300] Reservoir, cooler, and filters	35.6
[35.350] Safety and main relief valves	35.7
Hitches, drawbars, and implement couplings	37
[37.110] Rear three-point hitch	37.1
Steering	41
[41.106] Tie rods	41.1
[41.200] Hydraulic control components	41.2
[41.216] Cylinders	41.3
Electrical systems	55

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

https://shopservicemanual.com/

Service Manuals from 2\$