

SERVICE MANUAL

FR480 Forage Cruiser / FR550 Forage Cruiser / FR650 Forage Cruiser / FR780 Forage Cruiser Tier 4B (final) Forage Harvester

FR480 Forage Cruiser - From PIN 715912001 to 715923100

FR550 Forage Cruiser - From PIN 725912001 to 725923100

FR650 Forage Cruiser - From PIN 735912001 to 735923100

FR780 Forage Cruiser - From PIN 745912001 to 745923100

FR850 Forage Cruiser Tier 2 Forage Harvester

FR850 Forage Cruiser - From PIN 555912001 to 555923100

Part number 48142788

English
April 2017





SERVICE MANUAL

FR480 Forage Cruiser Cursor 13, TIER 4B (FINAL) [715912001 - 715923100]

FR550 Forage Cruiser Cursor 13, TIER 4B [725912001 - 725923100]

FR650 Forage Cruiser Cursor 16, TIER 4B (FINAL) [735912001 - 735923100]

FR780 Forage Cruiser Cursor 16, TIER 4B (FINAL) [745912001 - 745923100]

FR850 Forage Cruiser Vector, TIER2 [555912001 - 555923100]

Link Product / Engine

Product	Market Product	Engine
FR480 Forage Cruiser Cursor 13, TIER 4B (FINAL) [715912001 - 715923100]	North America	F3HFE613H*B007
FR550 Forage Cruiser Cursor 13, TIER 4B [725912001 - 725923100]	North America	F3H FE613F*B007
FR650 Forage Cruiser Cursor 16, TIER 4B (FINAL) [735912001 - 735923100]	North America	F3JFE613A*B005
FR780 Forage Cruiser Cursor 16, TIER 4B (FINAL) [745912001 - 745923100]	North America	F3JFE613B*B006
FR850 Forage Cruiser Vector, TIER2 [555912001 - 555923100]	North America	FVAE2884X*B200

Contents

INTRODUCTION

Engine	10
[10.001] Engine and crankcase	10.1
[10.216] Fuel tanks	10.2
[10.218] Fuel injection system.....	10.3
[10.400] Engine cooling system	10.4
[10.414] Fan and drive	10.5
[10.418] Rotary screen	10.6
[10.304] Engine lubrication system.....	10.7
[10.500] Selective Catalytic Reduction (SCR) exhaust treatment.....	10.8
Main gearbox and drive	14
[14.100] Main gearbox and drive	14.1
Transmission	21
[21.114] Mechanical transmission	21.1
[21.120] Gearbox.....	21.2
[21.130] Mechanical transmission external controls.....	21.3
[21.100] Mechanical transmission lubrication system	21.4
[21.145] Gearbox internal components.....	21.5
[21.182] Differential.....	21.6
Four-Wheel Drive (4WD) system	23
[23.101] Mechanical control	23.1
[23.304] Four-Wheel Drive (4WD) gearbox	23.2
Front axle system	25
[25.100] Powered front axle	25.1
[25.102] Front bevel gear set and differential	25.2
[25.310] Final drives	25.3

Rear axle system	27
[27.450] Rear-powered steerable axle	27.1
[27.550] Non-powered rear axle.....	27.2
Hydrostatic drive	29
[29.218] Pump and motor components.....	29.1
[29.202] Hydrostatic transmission	29.2
Brakes and controls	33
[33.202] Hydraulic service brakes	33.1
[33.110] Parking brake or parking lock	33.2
Hydraulic systems	35
[35.000] Hydraulic systems.....	35.1
[35.529] Spout.....	35.2
[35.102] Pump control valves.....	35.3
[35.106] Variable displacement pump	35.4
[35.204] Remote control valves	35.5
[35.300] Reservoir, cooler, and filters.....	35.6
[35.359] Main control valve.....	35.7
[35.350] Safety and main relief valves	35.8
[35.600] High flow hydraulics.....	35.9
[35.410] Header or attachment height system	35.10
[35.602] Header or attachment leveling system	35.11
[35.514] Upper feed roll gearbox system.....	35.12
[35.516] Sharpening system.....	35.13
[35.530] Spout rotation circuit	35.14
[35.532] Spout raising system	35.15
[35.534] Spout deflector system.....	35.16
[35.860] Main gearbox lubrication	35.17
Steering	41

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

<https://shopservicemanual.com/>

Service Manuals from 2\$