

**Farmall 110U
Farmall 120U**
Tractor

SERVICE MANUAL

Part number 48038308

English
October 2017



Link Product / Engine

Product	Market Product	Engine
Farmall® 110U With 16x16 Semi-Powershift transmission	Asia Pacific	F5GFL413B*B015
Farmall® 110U With 16x16 Semi-Powershift transmission	Australia New Zealand	F5GFL413B*B015
Farmall® 120U With 16x16 Semi-Powershift transmission [ZFLD00710 -]	Australia New Zealand	F5GFL413A*B023
Farmall® 120U With 16x16 Semi-Powershift transmission [ZFLD00710 -]	Asia Pacific	F5GFL413A*B023

Contents

INTRODUCTION

Engine	10
[10.001] Engine and crankcase	10.1
[10.216] Fuel tanks	10.2
[10.206] Fuel filters	10.3
[10.202] Air cleaners and lines	10.4
[10.254] Intake and exhaust manifolds and muffler	10.5
[10.500] Selective Catalytic Reduction (SCR) exhaust treatment.....	10.6
[10.501] Exhaust Gas Recirculation (EGR) exhaust treatment.....	10.7
[10.400] Engine cooling system	10.8
[10.414] Fan and drive	10.9
[10.310] Aftercooler.....	10.10
[10.304] Engine lubrication system.....	10.11
[10.218] Fuel injection system.....	10.12
Clutch	18
[18.100] Clutch mechanical release control	18.1
[18.112] Slip clutch or flywheel damper	18.2
Transmission	21
[21.111] Semi-Powershift transmission	21.1
[21.133] Semi-Powershift transmission external controls	21.2
[21.103] Semi-Powershift transmission hydraulic components.....	21.3
[21.152] Semi-Powershift transmission internal components	21.4
[21.160] Creeper	21.5
[21.109] Transmission cooler and lines.....	21.6
Four-Wheel Drive (4WD) system	23
[23.202] Electro-hydraulic control	23.1

[23.314] Drive shaft.....	23.2
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
[25.122] Axle suspension control.....	25.4
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
[31.104] Rear electro-hydraulic control.....	31.1
[31.114] Two-speed rear Power Take-Off (PTO)	31.2
[31.116] Three-speed rear Power Take-Off (PTO)	31.3
[31.142] Front Power Take-Off (PTO) control	31.4
[31.146] Front Power Take-Off (PTO)	31.5
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
[35.204] Remote control valves	35.2
[35.100] Main lift system.....	35.3
[35.160] Front hitch controls and lines	35.4
[35.162] Front hitch cylinders and lines	35.5
[35.116] Three-point hitch cylinder	35.6
[35.304] Combination pump units	35.7
Hitches, drawbars, and implement couplings.....	37

[37.100] Drawbars and towing hitches	37.1
[37.110] Rear three-point hitch	37.2
[37.120] Rear three-point hitch linkage	37.3
[37.162] Front hitch	37.4
[37.166] Front hitch linkage	37.5
Frames and ballasting	39
[39.140] Ballasts and supports	39.1
Steering	41
[41.101] Steering control	41.1
[41.106] Tie rods	41.2
[41.200] Hydraulic control components	41.3
[41.216] Cylinders	41.4
Wheels	44
[44.511] Front wheels	44.1
[44.520] Rear wheels	44.2
Cab climate control	50
[50.100] Heating	50.1
[50.104] Ventilation	50.2
[50.200] Air conditioning	50.3
Electrical systems	55
[55.100] Harnesses and connectors	55.1
[55.525] Cab engine controls	55.2
[55.015] Engine control system	55.3
[55.201] Engine starting system	55.4
[55.301] Alternator	55.5
[55.302] Battery	55.6
[55.011] Fuel tank system	55.7
[55.010] Fuel injection system	55.8

[55.014] Engine intake and exhaust system.....	55.9
[55.988] Selective Catalytic Reduction (SCR) electrical system	55.10
[55.989] Exhaust Gas Recirculation (EGR) electrical system	55.11
[55.640] Electronic modules	55.12
[55.513] Cab transmission controls.....	55.13
[55.024] Transmission control system	55.14
[55.020] Transmission speed sensors.....	55.15
[55.022] Transmission temperature sensors	55.16
[55.045] Front axle control system	55.17
[55.031] Parking brake electrical system	55.18
[55.512] Cab controls.....	55.19
[55.035] Remote control valve electric control	55.20
[55.051] Cab Heating, Ventilation, and Air-Conditioning (HVAC) controls.....	55.21
[55.050] Heating, Ventilation, and Air-Conditioning (HVAC) control system.....	55.22
[55.523] Cab hitch controls	55.23
[55.130] Rear three-point hitch electronic control system	55.24
[55.202] Cold start aid	55.25
[55.785] Precision farming system	55.26
[55.905] ISOBUS components	55.27
[55.911] Satellite navigation systems.....	55.28
[55.680] Autopilot/Autoguidance	55.29
[55.518] Wiper and washer system.....	55.30
[55.404] External lighting	55.31
[55.405] External lighting switches and relays	55.32
[55.408] Warning indicators, alarms, and instruments	55.33
[55.988] Selective Catalytic Reduction (SCR) electrical system	55.34
[55.DTC] FAULT CODES.....	55.35
Front loader and bucket.....	82

[82.100] Arm.....	82.1
Accessories	88
[88.100] Accessories	88.1
Platform, cab, bodywork, and decals.....	90
[90.118] Protections and footboards.....	90.1
[90.150] Cab.....	90.2
[90.151] Cab interior.....	90.3
[90.160] Cab interior trim and panels.....	90.4
[90.154] Cab doors and hatches	90.5
[90.156] Cab windshield and windows	90.6
[90.120] Mechanically-adjusted operator seat.....	90.7
[90.124] Pneumatically-adjusted operator seat.....	90.8
[90.100] Engine hood and panels	90.9
[90.102] Engine shields, hood latches, and trims	90.10
[90.116] Fenders and guards.....	90.11

Thank you so much for reading.
Please click the “Buy Now!”
button below to download the
complete manual.



After you pay.

You can download the most
perfect and complete manual in
the world immediately.

Our support email:

ebooklibonline@outlook.com