

**Farmlift 633**  
**Farmlift 636**  
**Farmlift 737**  
**Farmlift 742**  
**Farmlift 935**  
**Stage IV**  
Telescopic Handler

**SERVICE MANUAL**

Part number 51546954

English

October 2018

**CASE II**  
AGRICULTURE

## Link Product / Engine

Product	Market Product	Engine
FARMLIFT 633 STAGE IV 6 m (19.7 ft), 99 kW (133 Hp) [FNHZZP633NJKE00001 - ]	Europe	F4HFE413Z*B002
FARMLIFT 636 STAGE IV 6 m (19.7 ft), 107 kW (145 Hp) [FNHZZK634NJKE00001 - ]	Europe	F4HFE4149*B001
FARMLIFT 737 STAGE IV 7 m (22.9 ft), 99 kW (133 Hp) [FNHZZP737NJKE00001 - ]	Europe	F4HFE413Z*B002
FARMLIFT 742 STAGE IV 7 m (22.9 ft), 107 kW (145 Hp) [FNHZZK742NJKE00001 - ]	Europe	F4HFE4149*B001
FARMLIFT 935 STAGE IV 9 m (29.5 ft), 99 kW (133 Hp) [FNHZZP935NJKE00001 - ]	Europe	F4HFE413Z*B002

# Contents

---

## INTRODUCTION

<b>Engine</b> .....	<b>10</b>
[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
[10.500] Selective Catalytic Reduction (SCR) exhaust treatment.....	10.5
[10.400] Engine cooling system .....	10.6
[10.414] Fan and drive .....	10.7
<b>Transmission</b> .....	<b>21</b>
[21.113] Powershift transmission .....	21.1
[21.135] Powershift transmission external controls.....	21.2
[21.155] Powershift transmission internal components.....	21.3
[21.120] Gearbox .....	21.4
[21.109] Transmission cooler and lines.....	21.5
[21.700] Torque converter .....	21.6
<b>Four-Wheel Drive (4WD) system</b> .....	<b>23</b>
[23.314] Drive shaft.....	23.1
<b>Front axle system</b> .....	<b>25</b>
[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
<b>Rear axle system</b> .....	<b>27</b>
[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

[27.124] Final drive hub, steering knuckles, and shafts .....	27.4
<b>Brakes and controls .....</b>	<b>33</b>
[33.202] Hydraulic service brakes .....	33.1
[33.110] Parking brake or parking lock .....	33.2
[33.220] Trailer brake hydraulic control.....	33.3
[33.204] Front axle brake .....	33.4
<b>Hydraulic systems.....</b>	<b>35</b>
[35.000] Hydraulic systems.....	35.1
[35.104] Fixed displacement pump.....	35.2
[35.106] Variable displacement pump .....	35.3
[35.359] Main control valve.....	35.4
[35.357] Pilot system .....	35.5
[35.128] Auxiliary hydraulic function control .....	35.6
[35.752] Hydraulic fan drive cooling system.....	35.7
[35.100] Main lift system.....	35.8
[35.355] Hydraulic hand control .....	35.9
[35.701] Front loader arm hydraulic system .....	35.10
[35.736] Boom hydraulic system .....	35.11
[35.734] Tool quick coupler hydraulic system .....	35.12
[35.740] Telescopic arm hydraulic system.....	35.13
<b>Steering.....</b>	<b>41</b>
[41.101] Steering control .....	41.1
[41.200] Hydraulic control components.....	41.2
[41.216] Cylinders .....	41.3
<b>Cab climate control .....</b>	<b>50</b>
[50.200] Air conditioning .....	50.1
<b>Electrical systems.....</b>	<b>55</b>
[55.100] Harnesses and connectors.....	55.1

[55.201] Engine starting system .....	55.2
[55.302] Battery.....	55.3
[55.988] Selective Catalytic Reduction (SCR) electrical system .....	55.4
[55.047] Steering control system .....	55.5
[55.408] Warning indicators, alarms, and instruments .....	55.6
[55.DTC] FAULT CODES.....	55.7
<b>Telescopic single arm .....</b>	<b>83</b>
[83.122] Telescopic arm .....	83.1
<b>Platform, cab, bodywork, and decals .....</b>	<b>90</b>
[90.150] Cab.....	90.1
[90.100] Engine hood and panels .....	90.2
[90.105] Machine shields and guards .....	90.3

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](mailto:ebooklibonline@outlook.com)