

**570N EP**  
**Tier 4B (final)**  
Tractor Loader

**SERVICE MANUAL**

**Part number 47821917**  
1<sup>st</sup> edition English  
April 2015





## **SERVICE MANUAL**

**570N EP Four-Wheel Drive (4WD) TIER 4B (FINAL)**  
**570N EP Two-Wheel Drive (2WD) TIER 4B (FINAL)**

# Link Product / Engine

---

<b>Product</b>	<b>Market Product</b>	<b>Engine</b>
570N EP Four-Wheel Drive (4WD) TIER 4B (FINAL)	North America	F5HFL463D*F005
570N EP Two-Wheel Drive (2WD) TIER 4B (FINAL)	North America	F5HFL463D*F005

# Contents

---

## INTRODUCTION

<b>Engine</b> .....	<b>10</b>
[10.001] Engine and crankcase .....	10.1
[10.216] Fuel tanks .....	10.2
[10.501] Exhaust Gas Recirculation (EGR) - Diesel Particulate Filter (DPF) exhaust treatment .....	10.3
[10.400] Engine cooling system .....	10.4
[10.414] Fan and drive .....	10.5
<b>Transmission</b> .....	<b>21</b>
[21.112] Power shuttle transmission.....	21.1
[21.134] Power shuttle transmission external controls .....	21.2
[21.154] Power shuttle transmission internal components .....	21.3
<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
[25.400] Non-powered front axle .....	25.4
<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
<b>Power Take-Off (PTO)</b> .....	<b>31</b>
[31.104] Rear electro-hydraulic control.....	31.1
<b>Hydraulic systems</b> .....	<b>35</b>
[35.000] Hydraulic systems.....	35.1
[35.300] Reservoir, cooler, and filters.....	35.2

[35.104] Fixed displacement pump .....	35.3
[35.102] Pump control valves.....	35.4
[35.350] Safety and main relief valves .....	35.5
[35.204] Remote control valves .....	35.6
[35.114] Three-point hitch control valve .....	35.7
[35.116] Three-point hitch cylinder .....	35.8
[35.723] Front loader bucket hydraulic system .....	35.9
[35.734] Tool quick coupler hydraulic system .....	35.10
<b>Wheels .....</b>	<b>44</b>
[44.511] Front wheels.....	44.1
[44.520] Rear wheels.....	44.2
<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
[55.525] Cab engine controls.....	55.2
[55.991] Telematics .....	55.3
[55.DTC] FAULT CODES.....	55.4
<b>Front loader and bucket.....</b>	<b>82</b>
[82.100] Arm.....	82.1
[82.300] Bucket.....	82.2
<b>Platform, cab, bodywork, and decals .....</b>	<b>90</b>
[90.150] Cab.....	90.1
[90.114] Operator protections .....	90.2
[90.105] Machine shields and guards .....	90.3

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

<https://shopservicemanual.com/>

Service Manuals from 2\$