

# SERVICE MANUAL

## TD3.50 Tractor

Part number 48012910  
English  
May 2016



# Link Product / Engine

---

Product	Market Product	Engine
TD3.50	Europe	8045.45.747

# Contents

---

## INTRODUCTION

<b>Engine</b> .....	<b>10</b>
[10.001] Engine and crankcase .....	10.1
[10.102] Pan and covers .....	10.2
[10.106] Valve drive and gears .....	10.3
[10.101] Cylinder heads .....	10.4
[10.105] Connecting rods and pistons.....	10.5
[10.103] Crankshaft and flywheel.....	10.6
[10.218] Fuel injection system.....	10.7
[10.400] Engine cooling system .....	10.8
[10.414] Fan and drive .....	10.9
[10.304] Engine lubrication system.....	10.10
<b>Clutch</b> .....	<b>18</b>
[18.110] Clutch and components .....	18.1
<b>Transmission</b> .....	<b>21</b>
[21.114] Mechanical transmission .....	21.1
[21.140] Mechanical transmission internal components.....	21.2
<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
<b>Power Take-Off (PTO) .....</b>	<b>31</b>
[31.101] Rear mechanical control .....	31.1
[31.110] One-speed rear Power Take-Off (PTO) .....	31.2
<b>Wheels .....</b>	<b>44</b>
[44.511] Front wheels.....	44.1
<b>Electrical systems .....</b>	<b>55</b>
[55.000] Electrical system .....	55.1
[55.100] Harnesses and connectors.....	55.2
[55.201] Engine starting system .....	55.3
[55.301] Alternator .....	55.4
[55.302] Battery.....	55.5
[55.408] Warning indicators, alarms, and instruments .....	55.6

**Thank you very much  
for your reading.**

**Please click here to buy  
After you pay.**

**Then, you can  
download the complete  
manual instantly.  
No waiting.**