

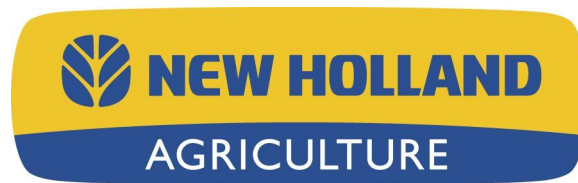
# SERVICE MANUAL

**TD4.70F / TD4.80F / TD4.90F**  
Tractor

Part number 47913129

English  
February 2016





# **SERVICE MANUAL**

**TD4.70F  
TD4.80F  
TD4.90F**

# Contents

---

## INTRODUCTION

Engine.....	10
[10.001] Engine and crankcase .....	10.1
Clutch .....	18
[18.100] Clutch mechanical release control .....	18.1
[18.110] Clutch and components .....	18.2
Transmission.....	21
[21.114] Mechanical transmission .....	21.1
[21.160] Creeper .....	21.2
[21.162] Reverser .....	21.3
[21.182] Differential.....	21.4
Four-Wheel Drive (4WD) system .....	23
[23.202] Electro-hydraulic 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
[25.108] Final drive hub, steering knuckles, and shafts .....	25.3
[25.310] Final drives.....	25.4
Rear axle system.....	27
[27.100] Powered rear axle.....	27.1
[27.106] Rear bevel gear set and differential.....	27.2
Power Take-Off (PTO).....	31
[31.101] Rear mechanical control .....	31.1
Brakes and controls .....	33
[33.220] Trailer brake hydraulic control.....	33.1

[33.202] Hydraulic service brakes .....	33.2
[33.110] Parking brake or parking lock .....	33.3
<b>Hydraulic systems.....</b>	<b>35</b>
[35.204] Remote control valves .....	35.1
[35.114] Three-point hitch control valve .....	35.2
[35.322] Regulated/Low pressure system.....	35.3
<b>Hitches, drawbars, and implement couplings.....</b>	<b>37</b>
[37.110] Rear three-point hitch .....	37.1
<b>Steering.....</b>	<b>41</b>
[41.206] Pump .....	41.1
[41.216] Cylinders .....	41.2
[41.200] Hydraulic control components.....	41.3
<b>Electrical systems .....</b>	<b>55</b>
[55.518] Wiper and washer system.....	55.1
[55.301] Alternator.....	55.2
[55.201] Engine starting system .....	55.3
[55.051] Cab Heating, Ventilation, and Air-Conditioning (HVAC) controls.....	55.4
[55.523] Cab hitch controls .....	55.5
[55.408] Warning indicators, alarms, and instruments .....	55.6
[55.302] Battery.....	55.7
[55.100] Harnesses and connectors.....	55.8
<b>Platform, cab, bodywork, and decals.....</b>	<b>90</b>
[90.154] Cab doors and hatches .....	90.1
[90.151] Cab interior.....	90.2

**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.**