



SERVICE MANUAL



**PROFI 4110 Classic ET , PROFI 4110 ET , PROFI 4120 ET , PROFI 4130 ET ,
PROFI 6125 Classic ET , PROFI 6125 ET , PROFI 6140 Classic ET , PROFI
6140 ET , PROFI CVT 4110 , PROFI CVT 4120 , PROFI CVT 4130**

Link Product / Engine

| Product | Market Product | Engine |
|-----------------------|-----------------------|---------------|
| PROFI CVT 4110 | Europe | F4DFE413C*A |
| PROFI CVT 4120 | Europe | F4DFE413B*A |
| PROFI CVT 4130 | Europe | F4DFE413A*A |
| PROFI 4110 Classic ET | Europe | F4DFE413E*A |
| PROFI 4110 ET | Europe | F4DFE413C*A |
| PROFI 4120 ET | Europe | F4DFE413B*A |
| PROFI 4130 ET | Europe | F4DFE413A*A |
| PROFI 6125 Classic ET | Europe | F4DFE613E*A |
| PROFI 6125 ET | Europe | F4DFE613E*A |
| PROFI 6140 Classic ET | Europe | F4DFE6132*A |
| PROFI 6140 ET | Europe | F4DFE6132*A |

Contents

INTRODUCTION

| | |
|---|-----------|
| Engine | 10 |
| [10.001] Engine and crankcase | 10.1 |
| [10.216] Fuel tanks | 10.2 |
| [10.218] Fuel injection system..... | 10.3 |
| [10.202] Air cleaners and lines | 10.4 |
| [10.250] Turbocharger and lines..... | 10.5 |
| [10.254] Intake and exhaust manifolds and muffler | 10.6 |
| [10.500] Selective Catalytic Reduction (SCR) exhaust treatment..... | 10.7 |
| [10.400] Engine cooling system | 10.8 |
| [10.414] Fan and drive | 10.9 |
| [10.310] Aftercooler..... | 10.10 |
| Clutch | 18 |
| [18.112] Slip clutch or flywheel damper | 18.1 |
| Transmission | 21 |
| [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 |
| [21.111] Semi-Powershift transmission | 21.4 |
| [21.133] Semi-Powershift transmission external controls | 21.5 |
| [21.103] Semi-Powershift transmission lubrication system..... | 21.6 |
| [21.152] Semi-Powershift transmission internal components | 21.7 |
| [21.504] Continuously Variable Transmission (CVT) | 21.8 |
| [21.505] Continuously Variable Transmission (CVT) external controls..... | 21.9 |
| [21.506] Continuously Variable Transmission (CVT) lubrication system | 21.10 |
| [21.507] Continuously Variable Transmission (CVT) internal components | 21.11 |
| [21.160] Creeper | 21.12 |

| | |
|---|-----------|
| [21.166] Overdrive | 21.13 |
| 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 |
| [33.204] Front axle brake | 33.3 |
| [33.220] Trailer brake hydraulic control | 33.4 |
| [33.224] Trailer brake pneumatic control | 33.5 |
| Hydraulic systems | 35 |
| [35.000] Hydraulic systems | 35.1 |

| | |
|--|-----------|
| [35.300] Reservoir, cooler, and filters..... | 35.2 |
| [35.104] Fixed displacement pump..... | 35.3 |
| [35.106] Variable displacement pump | 35.4 |
| [35.105] Charge pump..... | 35.5 |
| [35.322] Regulated/Low pressure system..... | 35.6 |
| [35.204] Remote control valves | 35.7 |
| [35.220] Auxiliary hydraulic pump and lines | 35.8 |
| [35.114] Three-point hitch control valve | 35.9 |
| [35.116] Three-point hitch cylinder | 35.10 |
| [35.160] Front hitch controls and lines | 35.11 |
| Hitches, drawbars, and implement couplings..... | 37 |
| [37.120] Rear three-point hitch linkage..... | 37.1 |
| Frames and ballasting | 39 |
| [39.100] Frame | 39.1 |
| Steering..... | 41 |
| [41.101] Steering control | 41.1 |
| [41.106] Tie rods..... | 41.2 |
| [41.200] Hydraulic control components..... | 41.3 |
| [41.206] Pump | 41.4 |
| [41.216] Cylinders | 41.5 |
| 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 |

- [55.000] Electrical system 55.1
- [55.100] Harnesses and connectors..... 55.2
- [55.015] Engine control system..... 55.3
- [55.301] Alternator..... 55.4
- [55.302] Battery..... 55.5
- [55.011] Fuel tank system 55.6
- [55.988] Selective Catalytic Reduction (SCR) electrical system 55.7
- [55.012] Engine cooling system 55.8
- [55.640] Electronic modules 55.9
- [55.513] Cab transmission controls..... 55.10
- [55.024] Transmission control system..... 55.11
- [55.020] Transmission speed sensors..... 55.12
- [55.021] Transmission pressure sensors 55.13
- [55.022] Transmission temperature sensors 55.14
- [55.023] Transmission position sensors 55.15
- [55.610] Ground speed control 55.16
- [55.048] Rear Power Take-Off (PTO) control system 55.17
- [55.031] Parking brake electrical system 55.18
- [55.035] Remote control valve electric control 55.19
- [55.051] Cab Heating, Ventilation, and Air-Conditioning (HVAC) controls..... 55.20
- [55.050] Heating, Ventilation, and Air-Conditioning (HVAC) control system..... 55.21
- [55.047] Steering control system 55.22
- [55.130] Rear three-point hitch electronic control system 55.23
- [55.911] Global Positioning System (GPS) 55.24
- [55.405] External lighting switches and relays 55.25
- [55.510] Cab or platform harnesses and connectors..... 55.26
- [55.408] Warning indicators, alarms, and instruments 55.27
- [55.DTC] FAULT CODES..... 55.28

| | |
|---|------|
| Platform, cab, bodywork, and decals | 90 |
| [90.150] Cab | 90.1 |
| [90.100] Engine hood and panels | 90.2 |

**Thank you very much for reading.
Please click here. Go back to the
website, at its bottom. There is a
button. Complete the process.**

**You can get this complete manual
instantly.**

No waiting.

GET MORE CONTENTS:

**Power Transmission, Brake, Steering,
Frame and Wheel, Hydraulic, System,
Functional Description, Electrical
System and more.....**

Have questions. Please write to me.

aservicemanuapdf@yahoo.com