## 1490, 1494, 1594 and 1690 Tractors Service Manual

## Table of Contents

Description	Section No.	Form No.
Engine	Tab 2 ctors 2010	9-43508
Separting the Tractor - Low Profile - 1490 and 1494 Trac Engine Removal - 1490 and 1494 Tractors without Cab	2010 2110	8-24380
Cylinder Head, Valves and Rocker Arm - 1490 and 1494		8-24300
Cylinder Flead, valves and hocker Ann - 1490 and 1494 Cylinder Block - 1490 and 1494 Tractors	2120	8-24100
Crankshaft, Main Bearings, Flywheel and Oil Seals	2120	0-24110
- 1490 and 1494 Tractors	2135	8-24400
Lubrication System - 1490 and 1494 Tractors	2145	8-24120
Cooling System - 1490 and 1494 Tractors	2155	8-24080
Turbocharger - 1490 and 1494 Tractors	2165 +	8-24090
Six Cylinder Engine - 1594 and 1690 Tractors	2215	9-43586
Lubrication System - 1594 and 1690 Tractors	2245	9-43518
Cooling System - 1594 and 1690 Tractors	2255	9-43514
Turbocharger Failure Analysis - 1490 and 1494 Tractors		9-78235
Fuel System	Tab 3	
Fuel System and Thermostat System	3110	8-56020
Fuel Injection Pumps	3112	8-56040
Fuel Injectors	3113	8-56030
Fuel System - 1594 and 1690 Tractors	3210	9-43516
Fuel Tanks	3140	9-43511
Fuel Tank Removal	3141	8-23720
Electrical	Tab 4	
Tractor Electrical System Troubleshooting	4001	8-24130
Cab Electrical System Troubleshooting (Sims Cab)	4001	8-24150
Cab Electrical Wiring Diagram	4002	8-23860
Wiring Diagram - 94 Series Tractors with Cab	4114	8-85800
Wiring Diagram - 94 Series Tractors with out cab	4117	8-85810
Wiring Diagram - 90 Series High Platform	4141	9-43593
Wiring Diagram - 90 Series Low Profile	4142	9-43594
Electrical Equipment	4205	9-43571
Steering	Tab 5	
Steering Hand Pump	5010	8-24040
Steering System Oil Pump	5110	8-56250
Steering Cylinder - (Side Mounted) - 1494 Tractors	5120	8-56420
Front Axle (MFD) David Brown	5120	8-23290
Hydrostatic Steering - High Platform	5140	9-43561
Front Axle (MFD) Carraro AE3	5160	8-23480
Front Axle (MFD) Carraro 709/19	5260	8-56290

## 1490, 1494, 1594 and 1690 Tractors Service Manual

## Table of Contents

Description	Section No. Tab 6	Form No.
Troubleshooting the Powershift Transmission Separating the 1490 and 1494 Tractors	6000	8-59740
Between Engine and Transmission	6010	8-24410
Differential - Synchromesh Transmission - 1594 and 169		8-23750
Independent Clutch Assembly - 1490 and 1494 Tractors		9-43522
12 Speed Synchromesh Transmission	6140	8-23540
12/12 Inch Independant Clutch (Laycock)	6141	8-24420
Transfer Gearbocx (MFD) - 1490 and 1494 Tractors	6142	8-23340
Transfer Gearbox - Mechanical Front Drive	6150	8-59780
Differential - Synchromesh Transmission - 1490 and 149		8-23610
Synchromesh Gearbox - 1594 and 1690 Tractors	6161	9-43531
Independant Clutch Assembly - 1594 and 1690 Tractor		9-43521
Final Drive - 1490 and 1494 Tractors	6170	8-23620
Separating the Tractor to Service the Front of the Trans		8-59770
Transfer Gearbox - (Carraro)	6242	8-23490
Powershift Hydraulic Pump	6225	8-23680
Powershift	6230	8-23550
Powershift Control Valve	6235	8-23660
Powershift Sequence Valves	6236	8-23670
Three Speed Transmission - Powershift	6240	8-23640
Reversible PTO Shaft	6245	9-43555
Differential - Powershift Transmission	6260	8-23650
Final Drive - 1594 and 1690 Tractors	6270	8-23760
Creeper Gearbox - 1494 Tractors	6280	8-85980
Multi Speed PTO - 1494 Tractors	6445	8-59830
Brakes	Tab 7	
Brake Valves, Lines, Linkage and Air Removal	7110	8-23770
Brakes	7140	8-23630
Hydraulic System	Tab 8	
Filters, Pumps and Relief Valve	8010	9-43572
Rockshaft, Lift Cylinder and Removal of the		
Schematic Control Valve - 1494 Tractors	8020	8-85970
Selector Dial Mechanism	8045	9-43550
Draft Sensing Units	8085	9-43553
Inlet Filter - Hydraulic System	8110	8-24440
Rockshaft, Lift Cylinder and Removal of the		
Selectromatic Control Valve - 1594	8120	8-56440
Remote Valves and Couplers	8190	8-23590
Hydraulic Adjustments	8204	9-43565
Hydraulic System - Specifications, How it Works and Fau	ult Finding 8205	9-43566
Oil Cooler	8209	9-43573
Selectamatic Valve	8235	9-43574
Lower Link Sensing - 1594 Tractor	8280	9-43588
Chassis	Tab 9	
Engine Cover	9140	9-43581
Cab Removal	9140	8-23690
Air Conditioning Troubleshooting and System Checks	9240	8-59810
Air Conditioning System Checks	9340	8-59820

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