

epcatalogs.com

4894 Tractor

Operators Manual

9-9861





This symbol means ATTENTION! BECOME ALERT! YOUR SAFETY IS INVOLVED. The message that follows the symbol contains important information about your safety. Carefully read the message. Make sure you fully understand the causes of possible injury or death.

SB001

IF THIS MACHINE IS USED BY AN EMPLOYEE, IS LOANED, OR IS RENTED, MAKE SURE THAT THE OPERATOR UNDERSTANDS THE TWO INSTRUCTIONS BELOW.

BEFORE THE OPERATOR STARTS THE ENGINE:

1. GIVE INSTRUCTIONS TO THE OPERATOR ON SAFE AND CORRECT USE OF THE MACHINE.
2. MAKE SURE THE OPERATOR READS AND UNDERSTANDS THE OPERATOR'S MANUAL FOR THIS MACHINE.



IMPROPER OPERATION OF THIS MACHINE CAN CAUSE INJURY OR DEATH.

BEFORE STARTING THE ENGINE, DO THE FOLLOWING:

1. READ THE OPERATOR'S MANUAL.
2. READ ALL SAFETY DECALS ON THE MACHINE.
3. CLEAR THE AREA OF OTHER PERSONS.

LEARN AND PRACTICE SAFE USE OF MACHINE CONTROLS IN A SAFE, CLEAR AREA BEFORE YOU OPERATE THIS MACHINE ON A JOB SITE.

It is your responsibility to observe pertinent laws and regulations and to follow manufacturer's instructions on machine operation and maintenance.

See your Authorized Case dealer for additional operator's manuals, parts catalogs, and service manuals.

TO THE OWNER OF A CASE INTERNATIONAL TRACTOR

Use this manual as your guide. If you follow the instructions given in this manual, your Case International Tractor will work well for many years.

Your Dealer can assist you with J I Case Company made parts and persons with special training that know the best methods of repair and maintenance for your tractor.

Call your Dealer if you need any assistance or information.

Your Authorized Case Dealer



Figure 1

NOTE: When you are in the tractor seat looking forward, the right hand and left hand of the tractor are the same as your right and left hand.

TABLE OF CONTENTS

TO THE OWNER	I	OPERATING INSTRUCTIONS	41-156
SAFETY	IV-XVIII	Run-In Procedure	41
Safety Rules	IV	Before Starting the Engine	42
Before Starting	IV-V	True Ground Speed Sensor	43
Operation	VI-XIV	Digital Instrument Cluster	44-69
Service	XV-XVIII	English/Metric Selection	45
HAND SIGNALS	XIX-XX	Engine Hour Meter	45
DECALS	XXI-XXIV	Turn Signal Indicator	45
SERIAL NUMBERS	1	Service Monitor and Indicators ..	46-52
DIESEL ENGINE SPECIFICATIONS	3	Function Buttons	53-57
GENERAL SPECIFICATIONS	4-7	Engine RPM Function	53
TRACTOR SPEEDS	8,9	PTO RPM Function	53
OVER ALL MEASUREMENTS	10	Timer Function	54
TRANSPORT WEIGHT	10	Area/Hour Function	55
MAXIMUM GROSS MACHINE WEIGHT ..	10	Area Done Function	55
TIRE AND WHEEL EQUIPMENT	11-14	Wheel Slip Function	56,57
TIRE INFLATION PRESSURE	12,13	Ground Speed Function	57
AXLE STOP SPACERS	14	Instrument Cluster	
WHEEL TREAD POSITIONS	15-19	Programming	58-67
DUAL WHEELS	19,20	Programming Tire Size	59-64
FUEL SPECIFICATIONS	21	Standard Code Number	59
FUEL CONDITIONER	22	Dynamic Tire Code Number ..	60,61
LUBRICATION	23-39	Static Code Number	62-64
Engine Hourmeter	23	Programming	
Engine Lubrication	24,25	Attachment Width	65,66
Lubrication Chart	26,27	Programming Rear Wheel	
Engine Oil Change	28	Position Monitor	66,67
Engine Oil Cleaner	29-31	Automatic Shutdown System	68
Turbocharger Oil Filter	32	Instrument Cluster	
Rear Steering Valve Filter	33	Functional Checks	69
Rear Steering Hydraulic Oil Filter ..	34	Operating Controls	70-106
Transmission Oil Level		Range Shift Quadrants	76,77
Check & Change	35	Steering Column Tilt	78
Hydraulic Oil Filters	35,36	Moving the Telescopic	
Planetary Oil Level Check & Change ..	37	Steering Column	79
Differential Oil Level Check & Change ..	38	Operators Console	80-89
Tractor Brakes	39	Park Brake Control	90
TOWING	40	Heater Stop Valve	91
		Fuel Tank Water Traps	91
		Cab Headliner Controls	92,93
		Cab Air Flow Control	94
		Cab Defroster Control	94
		Cab Air Flow Arrangements	95-97
		Air Conditioner Operation	98
		Cab Door Lock	98
		Ash Tray	98
		Rear View Mirrors	99
		Cab Window Lever	99
		Operators Seat	100,101
		Seat Belts	102
		Amber Warning Lamps, Direction	
		Turn Signals & SMV	103,104
		Implement Warning Lamps and	
		SMV Symbol	105
		Auxiliary Outlet Socket	106
		Normal Starting Procedure	107-109
		Stopping The Engine	109,110

TABLE OF CONTENTS

OPERATING INSTRUCTIONS (CONT'D)	
Cold Temperature Operation	110
Preparing Tractor For Operating in	
Cold Temperatures	111
Cold Temperature Starting	112-115
Coolant Heater	112
Ether Starting Attachment	113,114
Starting Fluid Container	
Replacement	115
Power Shift Transmission	116,117
Power Takeoff	118-120
Operating PTO	118
Guards	119
Operating Safety	120
Drawbar	121-123
Three Point Hitch System	124
Hitch System Adjustments	125-127
Anti-Sway Chain	126
Hitch Operation	128-132
Hitch Control Lever	128
To Lift an Implement	128
To Lower an Implement	128
Electronic Hitch System	129,130
Controlling Maximum Depth	131
Stationary Depth Operation	131
Hydraulic Float Control	132
Hitch Coupler - Category III	133
Remote Hydraulic Control	134-141
Remote Control Levers	134,135
Variable Flow Control	135,136
Operating the Remote System	138,139
Hydraulic Hose Couplers	140
Hydraulic Hose Coupling	141
Remote Cylinder	142
Hydraulic Cylinder Jack Pumps	143
Wheel Mounting	144
Wheel Rim Adjustment & Mounting ..	145
Wheel Positioning	
Clamp Adjustment	146
Dual Wheel Mounting	147,148
Tire Mounting	149
Loads Matched to Tractor	149
Tractor Ballast	150-156
Tractor Weight Distribution ..	150-152
Tractor and Equipment Weight ...	153
Front End Weights	154
Tire Liquid Weight	155
Measuring Wheel Slip	156
PREVENTIVE MAINTENANCE ... 158-215	
Hood and Side Panels	158
Cooling System	159-169
Pressure Cooling System	159
Coolant Solutions	160
Engine Cooling System Treatment .	160
Radiator Cleaning	160
Cooling System Service	161

PREVENTIVE MAINTENANCE (CONT'D)	
Thermostat Check	162
Thermostat Replacement	162-164
Water Filter and Conditioner ..	165,166
Fan Belt Adjustment	167
Fan Belt Replacement	168,169
Fuel System	170-175
Service Intervals	170
Fuel Filter Replacement	171,172
Fuel Strainer	173,174
Air Removal	174,175
Air Induction System	176
Air Filter Service Interval	177
Air Filter Service	178,181
Aspirated Strata Tube Service ..	182,183
Tubes and Hose	184
Neutral Start Switch Service	185,186
Park Brake Adjustment	187
Electrical System	188-194
Head Lamps	188
Floor Lamps	188
Flashing Amber Warning Lamps ..	189
Tail Lamps	189
Instrument Cluster Lamps	190
Fuse Panel	190
Head Lamp Adjustment	191
Batteries	192-194
Vent Caps	192
Removal & Installation of Batteries .	193
When Batteries Are Not in Use ...	193
Battery Cables and Terminals	193
Auxiliary Battery Connections	194
Alternator Charging systems	195
Roll Over Protective Structure	
(ROPS)	196-198
Tractor Roll Over	197
Safety Rules	197
ROPS Label	197
Maintenance and Inspection	198
Operators Cab	199-213
Seat Belt Inspection	
and Maintenance	199
Preventive Maintenance	199-201
Air Filter Service	202-204
Operators Seat	205,206
Compressor Belt Adjustment	207
Compressor Belt Replacement ...	208
Compressor Belt Alignment	209
Refrigerant Check	210,211
Dome Lamp	212
Tool Box	212
Console Lamp	213
Valve Tappet Adjustment	214,215
CASE TECHNICAL MANUALS	
217	

[Buy now](#)

[Case 4894 Tractor PDF Operator's manual](#)

[With Instant Download](#)