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# Section 1210

## GENERAL SPECIFICATIONS

### 2094 Tractors

Written In *Clear  
And  
Simple  
English*

## GENERAL TRACTOR SPECIFICATIONS

### Air Intake System

Type ..... Dry Type Air Cleaner System, Two Stage,  
With a Light Emitting Diode (LED) Service  
Monitor Located in the Digital Instrument  
Cluster

### Cooling System

Capacity ..... 38 U.S. Quarts (36 Litres)  
Type ..... Pressure System, Thermostat Controlled  
By-Pass, Impeller Type Pump  
Radiator ..... Heavy Duty Fin and Tube Type  
Thermostats ..... Two, Start to Open at Approximately  
175° F (79° C), Fully Open at 202° F (94° C)  
Pressure Cap ..... 10 PSI (69 kPa) (6.9 bar)  
Water Level ..... Light Emitting Diode (LED) Service Monitor  
Located in the Digital Instrument Cluster  
Coolant Temperature ..... Liquid Crystal Display (LCD) Bar Indicator  
Located in the Digital Instrument Cluster

### Electrical System

Type of System ..... 12 Volt, Negative Ground  
Batteries ..... Two 12 Volt Batteries Connected in Parallel,  
AABM Group Size 30H-580, Rated in 1.255 to  
1.265 Specific Gravity. Discharge Rate 300  
Amperes at 0° F. Voltage Decrease to 9.2 Af-  
ter 10 Seconds. Voltage Decreases 1.0 Volt  
Per Cell After Five Minutes.  
Alternator ..... 12 Volt, 61 Ampere Output, Negative Ground;  
12 Volt, 72 Ampere Output, Negative Ground  
or 12 Volt, 105 Ampere Output, Negative  
Ground With a Light Emitting Diode (LED)  
Service Monitors Located in the Digital Instru-  
ment Cluster.  
Voltage Regulator ..... 12 Volt, Solid State, Inside Component of Alternator  
Starter Motor ..... 12 Volt with Solenoid Switch  
Head Lamps (2) ..... 12 Volt, 40/60 Watt Sealed Beam High-Low  
Front Flood Lamps (4 Max) ..... 12 Volt, 50 Watt, Sealed Beam  
Rear Flood Lamps (4 Max) ..... 12 Volt, 50 Watt, Sealed Beam  
Flasher Lamps (2) With Direction Turn Signals ..... 12 Volt, Amber Lens  
Tail Lamps (2) ..... 12 Volt, Red Lens  
Tractor Electrical System Circuit Breaker ..... 12 Volt, Three 50 Ampere Circuit  
Breakers Connected In Parallel,  
150 Ampere Rating, 120 Ampere  
Continuing Capacity.  
Cab Electrical System Circuit Breaker ..... 12 Volt, 20 Ampere

## Electrical System

### Bulb And Lamp Replacement:

Instrument Cluster Lamps .....	No. 73
Dome Lamp Bulb .....	No. 561
Console Lamp Bulb .....	No. 194
Flasher Lamp Bulb .....	No. 1156
Head Lamp .....	No. 4652
Front and Rear Flood Lamp .....	No. A48265
Tail Lamp Bulb .....	No. 168

### Fuse Replacement:

Instrument Cluster .....	3.0 Ampere
Automatic Shutoff Solenoid .....	7.5 Ampere
Tail Lamp .....	15 Ampere
Lamp Switch Feed .....	25 Ampere
Accessories .....	3.0 Ampere
Ether Switch and Cab Relay .....	10 Ampere
Head Lamp Low Beam .....	15 Ampere
Head Lamp High Beam .....	15 Ampere
Front Flood Lamps .....	25 Ampere
Radio and Night Lamp .....	10 Ampere
Ignition Switch .....	15 Ampere
Flasher and Dome Lamp .....	15 Ampere
Rear Flood lamps .....	25 Ampere
Wiper .....	7.5 Ampere
Blower .....	15 Ampere
Cigarette Lighter .....	15 Ampere
Instrument Reset .....	5.0 Ampere
Transmission Control Differential Lock .....	20 Ampere
Range Switch .....	3.0 Ampere

## Tractor Brakes

Type ..... Hydraulic, Power Assistance, Self-Adjusting,  
Several Plate Wet Type Differential Brakes.

## Power Shift Transmission

Type ..... Three Speed, Power Shift, Compound Planetary With  
Hydraulically Actuated Clusters and a Four Speed Gear Section

Gear Selection ..... 12 Speeds Forward and Three Speeds Reverse

Shift Control ..... Actuated by a Lever on the Console.

Oil Cooler ..... Transmission, Remote Hydraulics, Steering and Brake Oil

## Axle, Differential and Planetaries

### Mechanical Front Drive (MFD)

Front Axle ..... Spiral Bevel with Planetary Reduction in Hub

Differential Oil Capacity ..... 16 U.S. Quarts (15 Litres)

Planetary Oil Capacity ..... 4.5 U.S. Quarts (4.25 Litres) Each Planetary

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