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MANUAL PREVIEW

**J.I. Case**

Operator's Manual

470 & 570

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Operator's Manual

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**CA-O-470,570**

|                          |                          |                              |
|--------------------------|--------------------------|------------------------------|
| <b>Make:</b> Ji Case     | <b>Model:</b> 430        | <b>Years Made:</b> 1960-1969 |
| HP-PTO: 34               | HP-Engine:               | HP-Drawbar:                  |
| HP-Range: 34             | Engine-Make: CASE        | Engine-Fuel: DIESEL          |
| Engine-Cyl(s)-CID: 4/188 | Transmission-STD:        | Optional:                    |
| Fwd/Rev Standard: 4/1    | Fwd/Rev Optional: 8/2    | Mfwd-Std/Opt:                |
| Tires-Std Front:         | Tires-Std Rear:          | Wheelbase-Inch:              |
| Pto Type:                | Pto Speed: 540           | CAT I-3pt Hitch: True        |
| CAT II-3pt Hitch: False  | CAT III-3pt Hitch: False | Hitch Lift:                  |
| Hydraulics-Type:         | Hyd-Cap:                 | Hyd-Flow: 8.5                |
| Hyd Std Outlets:         | Cooling Capacity: 16.5   | Fuel Tank Capacity: 13       |
| Cab-Stdm A/C; Rops:      | Weight: 3710             | New Price: 4389              |

|                          |                          |                              |
|--------------------------|--------------------------|------------------------------|
| <b>Make:</b> Ji Case     | <b>Model:</b> 530        | <b>Years Made:</b> 1960-1969 |
| HP-PTO: 41.2             | HP-Engine:               | HP-Drawbar:                  |
| HP-Range: 41             | Engine-Make: CASE        | Engine-Fuel: DIESEL          |
| Engine-Cyl(s)-CID: 4/188 | Transmission-STD:        | Optional:                    |
| Fwd/Rev Standard: 12/3   | Fwd/Rev Optional:        | Mfwd-Std/Opt:                |
| Tires-Std Front:         | Tires-Std Rear:          | Wheelbase-Inch:              |
| Pto Type:                | Pto Speed: 540           | CAT I-3pt Hitch: True        |
| CAT II-3pt Hitch: False  | CAT III-3pt Hitch: False | Hitch Lift:                  |
| Hydraulics-Type:         | Hyd-Cap:                 | Hyd-Flow: 8.5                |
| Hyd Std Outlets:         | Cooling Capacity: 16.5   | Fuel Tank Capacity: 22       |
| Cab-Stdm A/C; Rops:      | Weight: 3600             | New Price: 5640              |

|                          |                          |                              |
|--------------------------|--------------------------|------------------------------|
| <b>Make:</b> Ji Case     | <b>Model:</b> 470        | <b>Years Made:</b> 1970-1973 |
| HP-PTO: 34.3             | HP-Engine:               | HP-Drawbar:                  |
| HP-Range: 34             | Engine-Make: CASE        | Engine-Fuel: DIESEL          |
| Engine-Cyl(s)-CID: 4/188 | Transmission-STD:        | Optional:                    |
| Fwd/Rev Standard: 8/2    | Fwd/Rev Optional:        | Mfwd-Std/Opt:                |
| Tires-Std Front:         | Tires-Std Rear:          | Wheelbase-Inch:              |
| Pto Type:                | Pto Speed: 540           | CAT I-3pt Hitch: True        |
| CAT II-3pt Hitch: False  | CAT III-3pt Hitch: False | Hitch Lift:                  |
| Hydraulics-Type:         | Hyd-Cap:                 | Hyd-Flow: 8.5                |
| Hyd Std Outlets:         | Cooling Capacity: 16.5   | Fuel Tank Capacity: 13       |
| Cab-Stdm A/C; Rops:      | Weight: 3560             | New Price: 0                 |

|                          |                          |                              |
|--------------------------|--------------------------|------------------------------|
| <b>Make:</b> Ji Case     | <b>Model:</b> 570        | <b>Years Made:</b> 1970-1973 |
| HP-PTO: 35.5             | HP-Engine:               | HP-Drawbar:                  |
| HP-Range: 36             | Engine-Make: CASE        | Engine-Fuel: GAS             |
| Engine-Cyl(s)-CID: 4/159 | Transmission-STD:        | Optional:                    |
| Fwd/Rev Standard: 12/3   | Fwd/Rev Optional:        | Mfwd-Std/Opt:                |
| Tires-Std Front:         | Tires-Std Rear:          | Wheelbase-Inch:              |
| Pto Type:                | Pto Speed: 540           | CAT I-3pt Hitch: True        |
| CAT II-3pt Hitch: False  | CAT III-3pt Hitch: False | Hitch Lift:                  |
| Hydraulics-Type:         | Hyd-Cap:                 | Hyd-Flow: 9.3                |
| Hyd Std Outlets:         | Cooling Capacity: 14     | Fuel Tank Capacity: 22       |
| Cab-Stdm A/C; Rops:      | Weight: 3910             | New Price: 5691              |

| PLATE FASTENED TO INSTRUMENT PANEL<br>430 & 530 |  |                         |
|-------------------------------------------------|--|-------------------------|
| Year                                            |  | Beginning Serial Number |
| 1960                                            |  | 3012275                 |
| 1960                                            |  | 6144001                 |
| 1961                                            |  | 816880                  |
| 1961                                            |  | 6162601                 |
| 1962                                            |  | 8190001                 |
| 1963                                            |  | 8208001                 |
| 1964                                            |  | 8229001                 |
| 1965                                            |  | 8253501                 |
| 1966                                            |  | 8279001                 |
| 1967                                            |  | 8306501                 |
| 1968                                            |  | 8332101                 |
| 1969                                            |  | 8356251                 |

| LEFTHAND SIDE, ABOVE PLATFORM FLOOR,<br>NEXT TO STEERING WHEEL<br>470 & 570 |  |                         |
|-----------------------------------------------------------------------------|--|-------------------------|
| Year                                                                        |  | Beginning Serial Number |
| 1970                                                                        |  | 8650001                 |
| 1971                                                                        |  | 8674001                 |
| 1972                                                                        |  | 8693001                 |
| 1973                                                                        |  | 8712001                 |
| 1974                                                                        |  | 8736601                 |
| 1975                                                                        |  | 8770001                 |

| Paint Codes   |                |
|---------------|----------------|
| Location      | MFG Color Name |
| RIMS          | ALUMINUM       |
| BODY          | POWER RD       |
| HOOD & FENDER | POWER WHITE    |

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Figure 1. 470 Tractor

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Figure 2. 470 Tractor with Canopy

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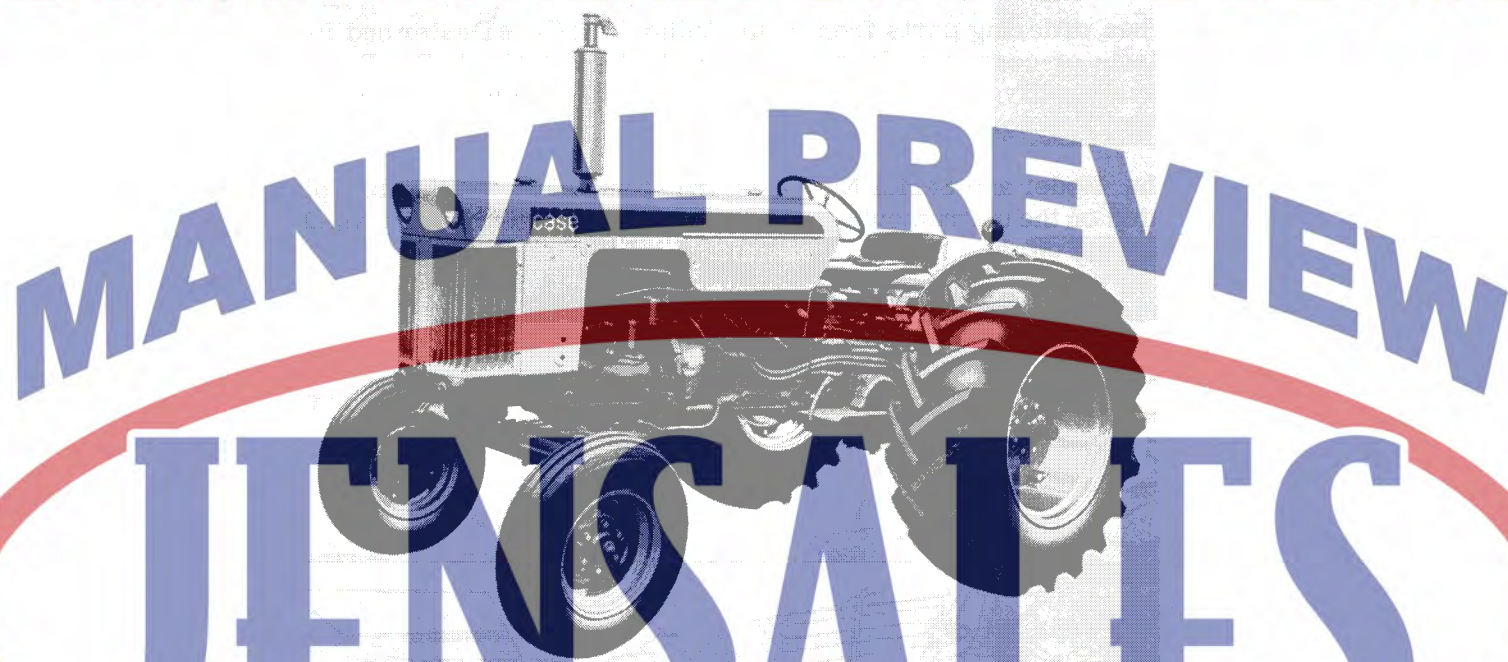


Figure 3. 570 Tractor

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Figure 4. 570 Tractor with Canopy

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## SERIAL NUMBER

When ordering parts from your Authorized Case Dealer and in all contacts or correspondence with your dealer relative to the Tractor, always specify the Serial, Model, Engine and Transmission Numbers of your Tractor.

The Model and Serial Numbers are stamped on the number plate located on the instrument panel, Figure 5. The Transmission Number is located on the top of the transmission, Figure 5. The engine number is stamped on a plate fastened to the right hand side of the engine below the starting motor, Figure 6.

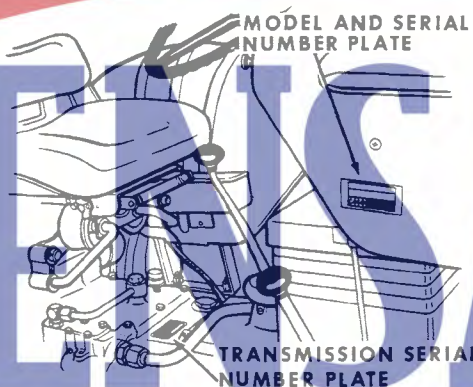


Figure 5

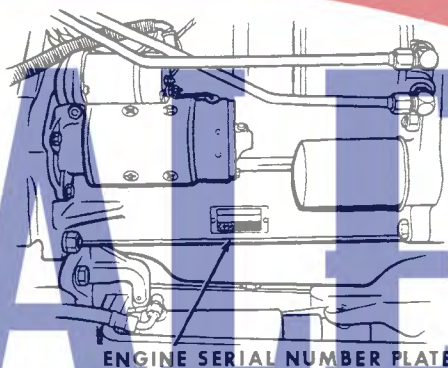


Figure 6

**NOTE** The terms "Right Hand" and "Left Hand" whenever used in this manual apply to the tractor when facing in the direction the tractor will move in forward operation.

For reference, fill in the Serial Number, Model Number, Engine Number and Transmission Number of your Tractor in the spaces provided below.

Serial Number

Model Number

Engine Number

Transmission Number

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188 diesel engine

## SPECIFICATIONS

### General

Type ----- "Case" Open Chamber Combustion-  
4 Cyl. - Valve in Head.  
Firing Order ----- 1-3-4-2  
Cylinder Bore ----- 3-13/16"  
Stroke ----- 4-1/8"  
Piston Displacement ----- 188 Cu. In.  
Compression Ratio ----- 17.5 to 1  
\*Valve Clearance (Intake and Exhaust) ----- .014 (Hot)  
Cylinder Sleeves ----- Wet Type Replaceable  
Engine Idle Speed ----- 600 RPM  
Full Load Speed (470 Series) ----- 1750 RPM  
Full Load Speed (570 Series) Standard Clutch ----- 1900 RPM  
Full Load Speed (570 Series) Case-O-Matic ----- 2100 RPM  
No Load Speed (470 Series) ----- 1900 RPM  
No Load Speed (570 Series) Standard Clutch ----- 2060 RPM  
No Load Speed (570 Series) Case-O-Matic ----- 2250 RPM  
Air Cleaner ----- Oil Bath Type  
Cold Weather Starting Aid ----- Electric Heater - Manifold Type  
Fuel Recommendation ----- No. 2 Diesel Fuel

### Piston and Connecting Rods

Compression Rings ----- 2  
Oil Rings ----- 1  
Piston Pins ----- Full Floating Type  
Connecting Rod Bearings ----- Replaceable Precision  
Steel Back Aluminum  
Liners.

### Main Bearings

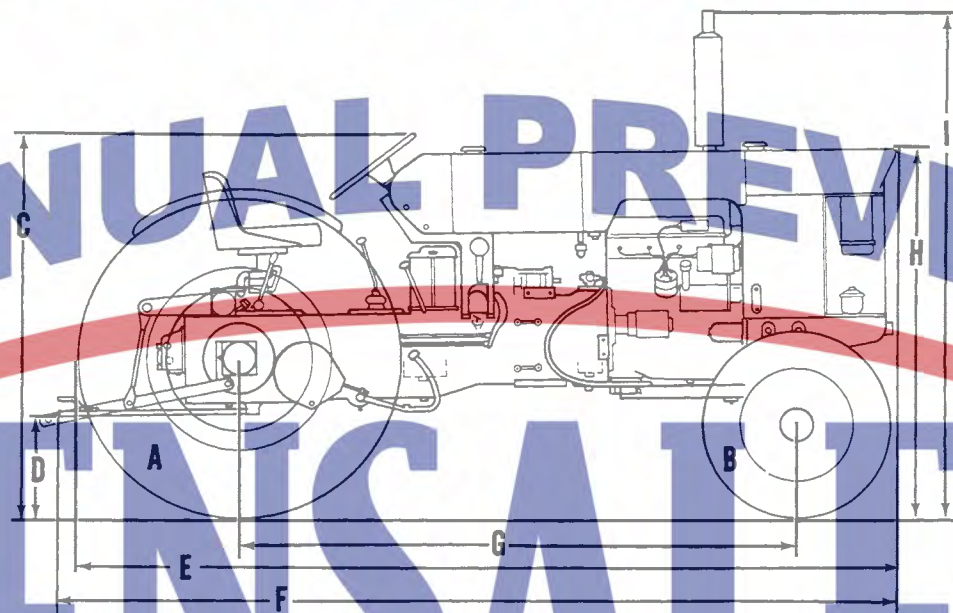
Number of Main Bearings ----- 5  
Type Bearings ----- Replaceable Precision  
Steel Back Aluminum  
Liners.

\*Hot Settings Are Made At Low Idle After the Engine has Operated  
At Thermostat Control Temperature For at Least Fifteen Minutes.

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APPROXIMATE OVERALL MEASUREMENTS



| Model      | Front Axle | A         | B         | C  | D    | E   | F   | G    | H  | I  |
|------------|------------|-----------|-----------|----|------|-----|-----|------|----|----|
| Std.       | 48-72      | 12.4 x 24 | 5.50 x 16 | 63 | 10.6 | 119 | 126 | 81   | 53 | 77 |
| Std.       | 52-80      | 12.4 x 28 | 600 x 14  | 65 | 12.6 | 120 | 125 | 81.5 | 57 | 81 |
| Gen. Purp. | 52-80      | 12.4 x 28 | 5.50 x 16 | 65 | 12.6 | 122 | 126 | 81.5 | 58 | 82 |
| LCK        | 48-72      | 8.3 x 24  | 5.90 x 15 | 56 | 7.25 | 114 | 125 | 81   | 52 | 76 |

• DIESEL MODELS are 1.25" longer - GASOLINE MODELS are listed.

• 470 Series Tractors are 2.5" less the dimension given.

All Dimensions given in inches.

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APPROXIMATE WEIGHTS

470 Series ----- 3500 Pounds

570 Series ----- 3700 Pounds

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