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SAFETY
Safety Rules

Understand that your safety and the safety of other persons is measured by how you service, and operate this machine. Know the positions and operations of all controls before you try to operate. MAKE SURE YOU CHECK ALL CONTROLS IN A SAFE AREA BEFORE STARTING YOUR WORK.

READ THIS MANUAL COMPLETELY and make sure you understand the controls. All equipment has a limit. Make sure you understand the speed, brakes, steering, stability, and load characteristics of this machine before you start to operate.

The safety information given in this manual does not replace safety codes, insurance needs, federal, state and local laws. Make sure your machine has the correct equipment needed by the local laws and regulations.

J I Case is continuing to work for your safety by making tractors with better protection and by giving these rules for safe operation.

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APPROXIMATE TRACTOR SPEEDS

POWER SHIFT TRANSMISSION
FINAL DRIVE RATIO: 11/58
REAR TIRE SIZE 18.4-38
ROLLING RADIUS ..... 820 mm (30.31 inch)

LEVER POSITION		700 r/min		1100 r/min		1800 r/min		2050 r/min		2300 r/min	
RANGE	POWER SHIFT	mile/h	km/h	mile/h	km/h	mile/h	km/h	mile/h	km/h	mile/h	km/h
1	1	0.50	0.80	0.78	1.26	1.28	2.06	1.46	2.34	1.63	2.63
1	2	0.68	1.09	1.07	1.72	1.75	2.81	1.99	3.20	2.23	3.60
1	3	0.88	1.42	1.39	2.24	2.27	3.66	2.59	4.17	2.91	4.68
1	4	1.21	1.95	1.90	3.06	3.11	5.00	3.54	5.70	3.97	6.39
2	1	1.07	1.72	1.68	2.71	2.75	4.43	3.14	5.05	3.52	5.66
2	2	1.46	2.36	2.30	3.70	3.76	6.06	4.29	6.90	4.81	7.74
2	3	1.90	3.06	2.99	4.82	4.90	7.88	5.58	8.98	6.26	10.07
2	4	2.60	4.19	4.09	6.58	6.69	10.77	7.62	12.27	8.55	13.76
3	1	2.23	3.60	3.51	5.65	5.74	9.25	6.54	10.53	7.34	11.81
3	2	3.05	4.91	4.80	7.72	7.85	12.64	8.94	14.39	10.03	16.14
3	3	3.97	6.39	6.24	10.04	10.21	16.44	11.63	18.72	13.05	21.00
3	4	5.43	8.74	8.53	13.73	13.96	22.46	15.90	25.58	17.84	28.70
R	1	1.14	1.84	1.80	2.89	2.94	4.73	3.35	5.39	3.76	6.04
R	2	1.56	2.51	2.45	3.95	4.02	6.46	4.57	7.36	5.13	8.26
R	3	2.03	3.27	3.19	5.14	5.23	8.41	5.95	9.58	6.68	10.75
R	4	2.78	4.47	4.36	7.02	7.14	11.49	8.13	13.09	9.12	14.68

Speed at maximum engine speed with light load 2450 R.P.M. = 19 M.P.H. = 30.57 K.P.H.

NOTE: *Speeds in the charts are approximate. To calculate correct speeds do the following: Measure one rear wheel revolution (Rolling Circumference). Divide this measurement by 6.283 to obtain the rolling radius. Divide your rolling radius by the one for the chart tire.*

EXAMPLE: Wheel revolution = 190 inches - 6.283 = 30.24 - 30.31 = 0.99
Multiply speeds in chart by 0.99

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FRONT WHEEL TREAD POSITIONS
With W12 X 28 Sankey Wheels Fitted

Measure the tread width between the center of each tire at a point as near the ground as possible. Adjust by fastening rim to center in the positions shown below.

The tread widths are 61 to 76 inch (155 to 193 cm).

Tighten rim to wheel center nuts to 240 Nm (177 lb ft).

Tighten the wheel to hub nuts to 140 Nm (103 lb ft).

IMPORTANT: *Do not use the two narrowest settings of 1466 mm 58 inch) or 1549 mm (61 inch) the tires will contact the tractor frame on lock and cause damage.*

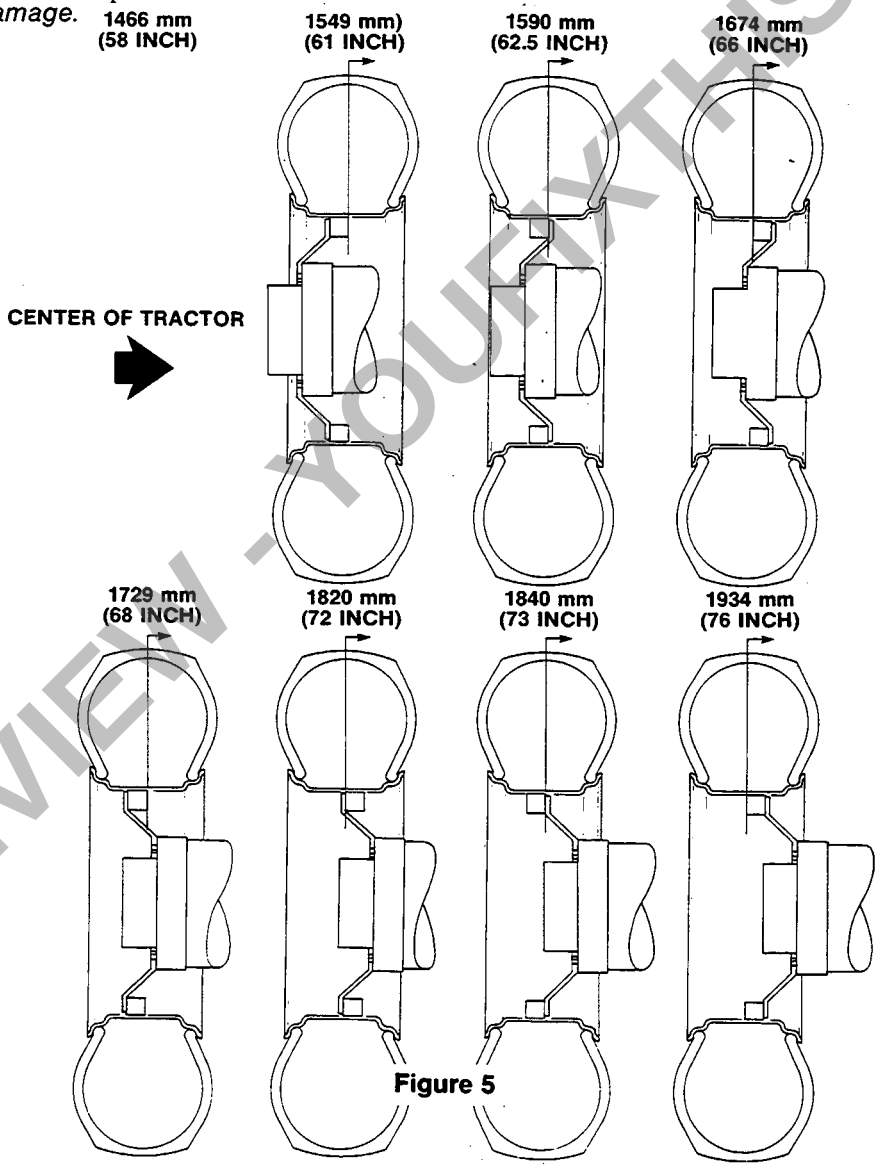


Figure 5

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Remote Port from Lift Cylinder

An external remote port is fitted to the end of the lift cylinder. A flexible pipe connects the remote port to the bottom left-hand coupling. Operate a single acting cylinder or hydraulic motor from the coupling. The flow of external oil is controlled by the linkage control lever. Do the following to operate external equipment.

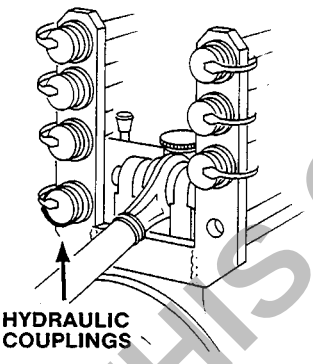


Figure 100

Connect the implement coupling to the bottom left-hand tractor coupling.

Move the combining valve lever forward into the separate position.

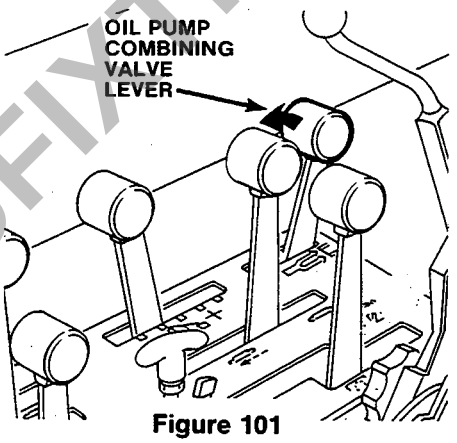


Figure 101

Move the linkage control lever fully rearward into Select (S)

Check that the dump valve (if equipped) is fully down.

Start the tractor engine.

Use the linkage control lever to operate the external equipment.

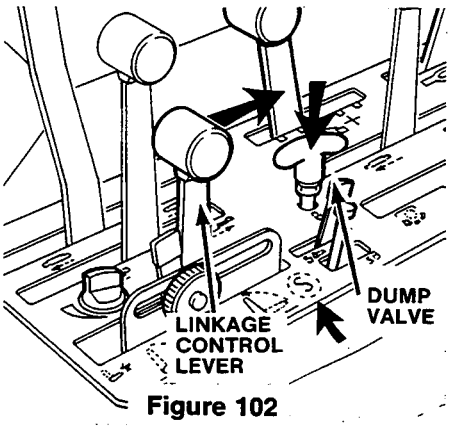


Figure 102

CAUTION: ***When remote cylinders are connected to the hydraulic system. cycle the control lever about three times to remove air from the cylinder and hoses. With air in the system raised equipment can drop accidentally and cause personal injury or machine damage.***

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THIS SAFETY ALERT SYMBOL INDICATES IMPORTANT SAFETY MESSAGES IN THIS MANUAL. WHEN YOU SEE THIS SYMBOL CAREFULLY READ THE MESSAGE THAT FOLLOWS AND BE ALERT TO THE POSSIBILITY OF PERSONAL INJURY OR DEATH.

IMPORTANT

If This Tractor Is Used By an Employee Or Is Loaned Or Rented, Make Certain That The Operator(s), prior To Operating:

1. Is Instructed In Safe And Proper Use.

2. Reads And Understands The Manuals Pertaining To The Tractor.

SAFE OPERATING INSTRUCTIONS

1. SECURELY FASTEN YOUR SEAT BELT IF THE TRACTOR HAS A ROPS.
2. WHERE POSSIBLE, AVOID OPERATING THE TRACTOR NEAR DITCHES, EMBANKMENTS, AND HOLES
3. REDUCE SPEED WHEN TURNING, CROSSING SLOPES, AND ON ROUGH, SLICK, OR MUDDY SURFACES.
4. STAY OFF SLOPES TOO STEEP FOR SAFE OPERATION.
5. WATCH WHERE YOU ARE GOING, ESPECIALLY AT ROW ENDS ON ROADS AND AROUND TREES.
6. DO NOT PERMIT OTHERS TO RIDE.
7. OPERATE THE TRACTOR SMOOTHLY NO JERKY TURNS, STARTS OR STOPS.
8. HITCH ONLY TO THE DRAWBAR AND HITCH POINTS RECOMMENDED BY TRACTOR MANUFACTURER.
9. WHEN TRACTOR IS STOPPED, SET BRAKES SECURELY AND USE PARK LOCK IF AVAILABLE.

PER OSHA 1928 51

EMPLOYER SHALL NOTIFY EMPLOYEES WHO OPERATE AGRICULTURAL TRACTORS OF THESE INSTRUCTIONS AT INITIAL ASSIGNMENT AND ANNUALLY THEREAFTER.

Case Tractors Meltham HUDDERSFIELD England HD7 3AR
November, 1983 (Revised October 1985)

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TREAD (WIDTH) ADJUSTMENT REAR WHEELS

The rear tread widths can be adjusted by one of the following methods. Change the wheels from one side of the tractor to the other.

The wheel enter can be fitted either side of the lugs on the wheel rim.

The rim can be fitted with the offset inward or outward.

The wheel center can be fitted with the offset inwards or outward.

Adjustment Procedure

1. Raise the rear of the tractor and put supports under the rear axle.

2. Remove the rear wheels.

3. Check which tread width you need and adjust in one of the following ways.

   Change the wheels from one side of the tractor to the other, but do not turn the wheels around. EXAMPLE: Tread is set at 64 inches and you need 76 inches or reverse.

   Remove the rims from the centers and assemble as necessary to get the tread needed.

4. Tighten the rim to center nuts to 176 to 217 Nm (130 to 160 lb ft).

5. Install the wheels and tighten the nuts to 270 to 325 Nm (200 to 240 lb ft).

6. Move the tractor approximately 200 meters (200 yards) and tighten all nuts again, then after 8 hours and then every 50 hours.

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SWAY BLOCKS

Sway blocks are fitted when a drawbar only is installed. They replace the stabilizer bars.

The sway blocks are pivoted at the top and have two positions at the bottom.

Fit the lower pins in the outer holes, when side movement of an implement in work is required. When the implement is raised, the sway block will make contact with the lower links. This will prevent side movement.

Fit the lower pins in the inner holes to prevent side movement of an implement in all positions, The lower links make contact with the sway blocks at all times.

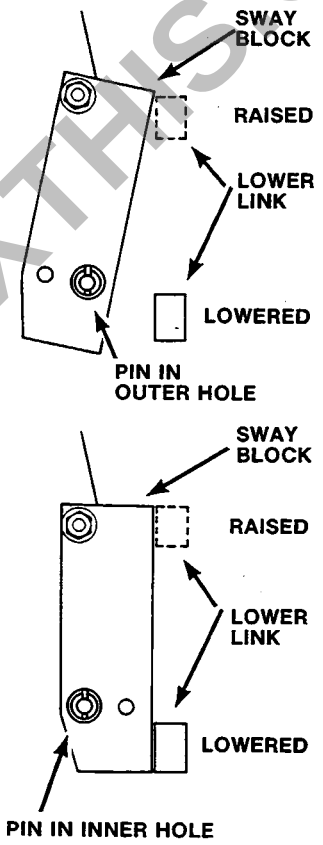


Figure 90

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7. THROTTLE LEVER - To increase engine speed, move the lever clockwise (down). Move the lever counterclockwise (up) to decrease engine speed.

8. FAN SWITCH - Turn the switch clockwise to get three fan speeds. The fan will only operate when the starter key is in the ACC position.

9. VENTILATORS - Push the center to control the volume of air. Turn the outer ring to change the direction. Use the ventilators to direct air to the operator or to de-mist the side windows. To get maximum air flow from the ventilators, move the air flow levers (10) into the 0 position and turn the fan switch fully clockwise into position III.

10. DEMIST/DEFROST LEVER - This lever controls the air flow to the windshield. Push the lever forward for maximum flow. Pull the lever rearward for no flow.

11. AIR FLOW LEVERS - This lever controls the flow of air to the cab from the opening under the instrument panel and the ventilators on the front. Push the levers forward to position 1/1 for maximum flow. Pull the lever rearward to the 0 position for no flow.

12. RECIRCULATION LEVER - This lever controls the amount of air from the cab which is used again in the heating and ventilation system. Position 1/1 is the maximum amount position 0 is the minimum.

13. HEATER TEMPERATURE CONTROL LEVER - This lever has TEMP. written at the left-hand side. Use the lever to control the temperature of the heater. Move the lever forward to increase the temperature.

14. TEMPERATURE CONTROL FOR AIR CONDITIONER - Turn knob clockwise to get the correct temperature for the conditions. Turn the knob fully counterclockwise to turn the air conditioning OFF.

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APPROXIMATE MEASUREMENTS

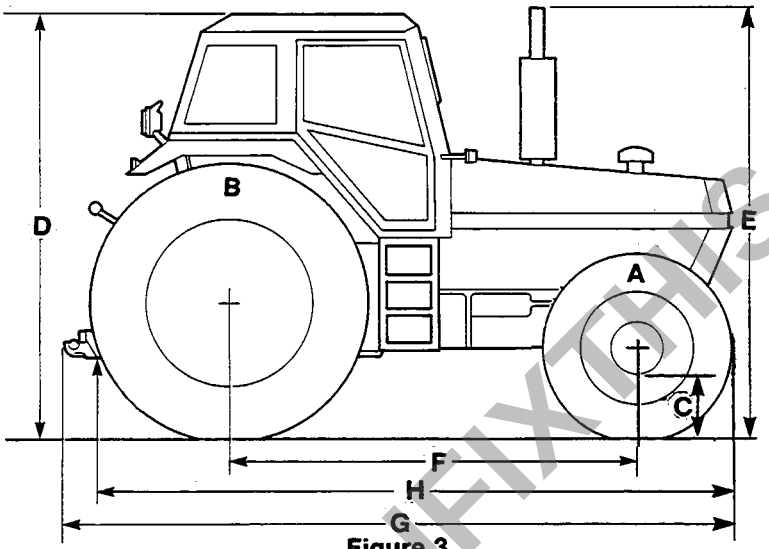


Figure 3

A	13.6-28 FRONT TIRE	B	18.4-38 REAR TIRE		
C	381 mm (15 INCHES)	D	2695 mm (106 INCHES)	E	2710 mm (106.7 INCHES)
F	2544 mm (100 INCHES)	G	4200 mm (165 INCHES)	H	4010 mm (158 INCHES)

Turning Radius Without Brake Assistance ..... 5840 mm (230 Inches)
Turning Radius With Brake Assistance ..... 4240 mm (167 Inches)

APPROXIMATE TRANSPORT WEIGHT

Approximate Weight of Tractor Without Ballast ..... 4 366 kg (9,625 lbs)
IMPORTANT: *The total tractor weight with ballast and weights must never be more than 6 123 kg (13,500 lbs).*

OPERATORS CAB

THIS CASE OPERATORS CAB HAS ROLL OVER PROTECTION AS GIVEN IN ASAE STANDARDS S383 AND S310.3, SAE STANDARDS 1194, J167a AND OSHA REGULATIONS 1928.51 AND 1928.53.

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OPERATING CONTROLS Cab Roof

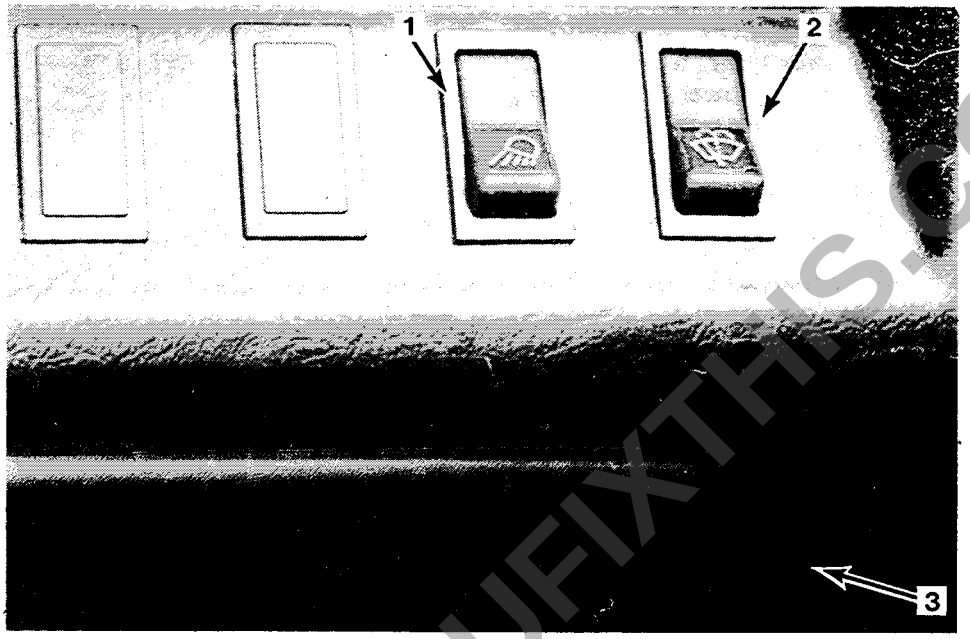
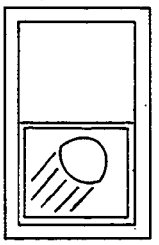


Figure 43

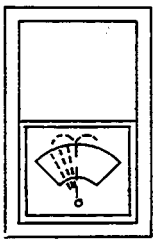
1. PLOW LAMP SAFETY SWITCH - The plow lamp will only illuminate when the safety switch is in the ON position and other lamps on the tractor are illuminated.



To operate the plow lamp do the following:
Turn the main lamp switch clockwise from the OFF position. press the bottom of the safety switch. The green warning lamp in the safety switch will illuminate. Operate the switch on the plow lamp to illuminate.

For safety on the road, use the safety switch to operate the plow lamp. Press the top of the safety switch to stop the plow lamp illuminating. The red warning lamp in the safety switch will also stop illuminating. The plow lamp is off.

2. WINDSHIELD WIPER WASHER SWITCH - Press the bottom of the switch to operate the windshield wiper. Press the top of the switch to stop the wiper.



Press the bottom of the switch fully in and hold to operate the washer. Release switch to stop washer.

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