

John Deere

CLICK ANYWHERE FOR MORE DETAILS

MODEL:

730 Series Tractors

S/N 7300000 & Up

**OPERATOR'S
MANUAL**



purchase full manual

JENSALES.COM

or Call 800-443-0625

JENSALES

CLICK ANYWHERE FOR MORE DETAILS

THIS IS A MANUAL PRODUCED BY JENSALES INC. WITHOUT THE AUTHORIZATION OF
JOHN DEERE OR IT'S SUCCESSORS. JOHN DEERE AND IT'S SUCCESSORS
ARE NOT RESPONSIBLE FOR THE QUALITY OR ACCURACY OF THIS MANUAL.

TRADE MARKS AND TRADE NAMES CONTAINED AND USED HEREIN ARE THOSE OF OTHERS,
AND ARE USED HERE IN A DESCRIPTIVE SENSE TO REFER TO THE PRODUCTS OF OTHERS.

JD-O-OMR20697

Make: John Deere	Model: 720	Years Made: 1956-1958
HP-PTO: 59.12	HP-Engine:	HP-Drawbar:
HP-Range: 59	Engine-Make: JD	Engine-Fuel: GAS
Engine-Cyl(s)-CID: 2/376	Transmission-STD: SG	Optional:
Fwd/Rev Standard: 6/1	Fwd/Rev Optional:	Mfwd-Std/Opt:
Tires-Std Front: 6.00-16	Tires-Std Rear: 13.6-38	Wheelbase-Inch: 93.7/8
Pto Type: LIVE	Pto Speed: 540	CAT I-3pt Hitch: True
CAT II-3pt Hitch: False	CAT III-3pt Hitch: False	Hitch Lift:
Hydraulics-Type: OPEN	Hyd-Cap:	Hyd-Flow:
Hyd Std Outlets: 1	Cooling Capacity: 7	Fuel Tank Capacity: 26.5
Cab-Std A/C; Rops:	Weight: 7415	New Price: 4159

Make: John Deere	Model: 730	Years Made: 1958-1960
HP-PTO: 59	HP-Engine:	HP-Drawbar:
HP-Range: 59	Engine-Make: JD	Engine-Fuel: GAS
Engine-Cyl(s)-CID: 2/361	Transmission-STD:	Optional:
Fwd/Rev Standard: 6/1	Fwd/Rev Optional:	Mfwd-Std/Opt:
Tires-Std Front: 6.00-16	Tires-Std Rear: 13.6-38	Wheelbase-Inch:
Pto Type: LIVE	Pto Speed: 540	CAT I-3pt Hitch: True
CAT II-3pt Hitch: False	CAT III-3pt Hitch: False	Hitch Lift:
Hydraulics-Type: OPEN	Hyd-Cap:	Hyd-Flow:
Hyd Std Outlets:	Cooling Capacity:	Fuel Tank Capacity:
Cab-Std A/C; Rops:	Weight: 7271	New Price: 4349

REAR OF TRANS CASE ADJACENT TO CRANKCASE DIPSTICK OUTLET, IN THE LOWER RH CORNER OF MAIN CASE		
Year	Beginning Serial Number	
1956	7200000	
1957	7217368	
1958	7203420	
1994	1001	
1995	2595	
1996	4001	

Paint Codes		
Location	MFG Color Name	
Body	CLASSIC GREEN	
Wheels & Trim	Classic Yellow	
RIMS & WHEELS	NEW AG YELLOW	
BODY & HOODS	NEW AG GREEN	

ADJACENT TO CRANKCASE DIPSTICK OUTLET, IN THE LOWER RH CORNER OF MAIN CASE		
Year	Beginning Serial Number	
1958	7300000	
1959	7303761	
1960	7322075	

MANUALS ALLS

or Call 800-443-0625

CLICK ANYWHERE FOR MORE DETAILS

**730 General-Purpose
and Standard Series
Tractors Gasoline
and All-Fuel
(Serial No. 7300000-)**

CLICK ANYWHERE FOR MORE DETAILS

MANUAL PREVIEW

OPERATORS MANUAL

730 General-Purpose and Standard Series Tractors
Gasoline and All-Fuel (Serial No. 7300000-)

OMR20697 (01APR59) English

purchase full manual at

**JENSALES.COM
or Call 800-443-0625**

CLICK ANYWHERE FOR MORE DETAILS

OMR20697 (01APR59)

LITHO IN U.S.A.
ENGLISH

CLICK ANYWHERE FOR MORE DETAILS

1

• TABLE OF CONTENTS •

	<i>Page</i>
SPECIFICATIONS AND DATA.....	4
CONTROLS AND INSTRUMENTS.....	6
OPERATING INSTRUCTIONS.....	16
SAFETY SUGGESTIONS.....	50
LUBRICATION AND PERIODIC SERVICES.....	52
SERVICE THAT WILL KEEP YOUR TRACTOR IN TIP-TOP SHAPE.....	71
SERVICE REMINDERS.....	99
TRACTOR DIFFICULTIES.....	100
STORING THE TRACTOR.....	108
ATTACHMENTS.....	109
INDEX.....	118

JENSALES.COM

or Call 800-443-0625

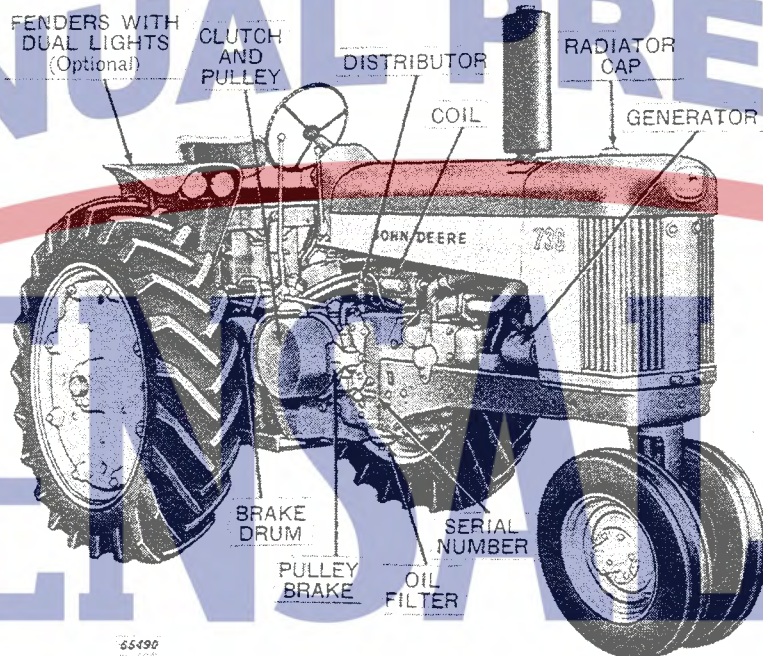


CLICK ANYWHERE FOR MORE DETAILS

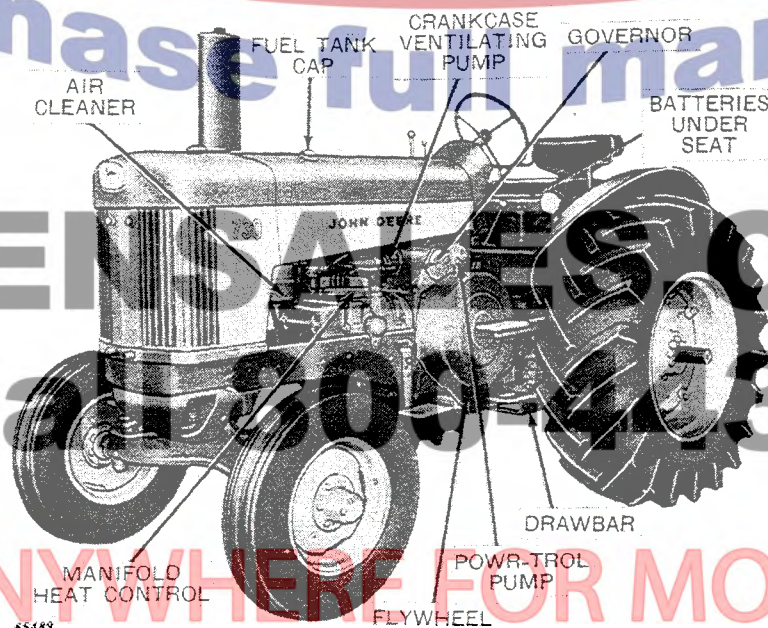
CLICK ANYWHERE FOR MORE DETAILS

3

This is Your New John Deere Tractor



John Deere "730" Series General-Purpose Tractor—Pulley Side
(Serial No. 7300000-)



John Deere "730" Series Standard Tractor—Flywheel Side
(Serial No. 7300000-)

CLICK ANYWHERE FOR MORE DETAILS

CLICK ANYWHERE FOR MORE DETAILS

5

SPECIFICATIONS

REAR WHEELS AND TIRES:

General-Purpose... 13.6-38, 6-ply tires on cast disk wheels. 15.5-38, 6-ply, 15-30, 6-ply, 12-38 C & R, 6-ply, and 13-38 C & R, 6-ply tires also available.

Standard... 14-30, 6-ply tires mounted on cast disk wheels. 15-30, 6-ply and 18-26, 8-ply, 18-26, 8-ply C & R, and 18-26, 8-ply low profile also available.

POWER TAKE-OFF:

Shaft Diameter..... 1-3/8"
Shaft rpm..... 540 or 1000
Splined End Ahead of Hitch... 14" or 16"
Splined Shaft Above Ground:
 General-Purpose..... 25"
 Standard..... 22-5/8"

FRONT WHEELS AND TIRES:

General-Purpose:

Double and Adjustable Type:
Reversible for added clearance.
Bearings... Four tapered roller bearings.
Tires.... 6.00 x 16", 4-ply;
 6.00 x 16", 6-ply, 7.50 x 15, 6-ply also available.

Single-Type:

Bearings... Two tapered roller bearings
Tires..... 7.50 x 16", 10-ply, 11.00 x 12", 12-ply.

Standard:

Bearings... Four tapered roller bearings.
Tires..... 6.50 x 18", 4-ply;
 7.50 x 18", 4-ply;
 7.50 x 18", 6-ply.

	General-Purpose			Standard
	Double Front Wheel	Single Front Wheel	Adjustable Tread Front Axle	
DIMENSIONS:				
Wheel-Base.....	91-3/8"	90-5/8"	93-7/8"	82-3/8"
Over-All Length.....	135-1/4"	135-1/4"	135-1/4"	130-1/4"
Over-All Height.....	88-1/4"	88-1/4"	88-1/4"	87-3/8"
Height to Top of Steering Wheel.....	79-3/8"	79-3/8"	79-3/8"	79-3/8"
Width Over Regular Axles.....	86-5/8"	86-5/8"	86-5/8"	86-5/8"
Turning Radius.....	9' 6"	9' 6"	14' 9"	14'
Clearance.....	26"	26"	Front 23" Rear 26"	Front 13" Rear 25-1/4"

REAR WHEEL TREAD ADJUSTMENT:

Regular Wheels, Regular Axles.....	60-88"	60-88"	60-88"	62-80"
Regular Wheels, Long Axles.....	66-1/2-97-1/4"	66-1/2-97-1/4"	66-1/2-97-1/4"	
Regular Wheels, Extra Long Axles.....	66-1/2-105-1/4"	66-1/2-105-1/4"	66-1/2-105-1/4"	
Offset Wheels, Long Axles.....	60-104"	60-104"	60-104"	
Offset Wheels, Extra Long Axles.....	60-112"	60-112"	60-112"	
Power-Adjusted Wheels, Regular Axles.....	60-94"	60-94"	60-94"	
Power-Adjusted Wheels, Long Axles.....	63-104"	63-104"	63-104"	
Power-Adjusted Wheels, Extra Long Axles..	63-112"	63-112"	63-112"	

FRONT WHEEL TREAD ADJUSTMENT.....

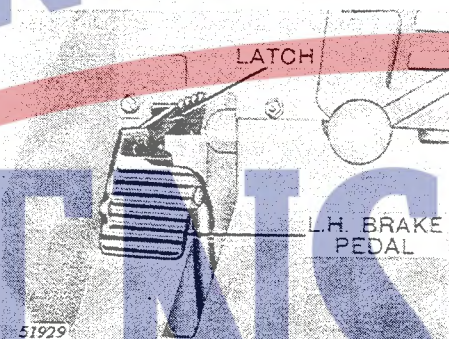
SHIPPING WEIGHT.....	6790 lbs.	6470 lbs.	7090 lbs.	7380 lbs.
(Weights are for Tractors dry and with wheel equipment as shown under "Front Wheels" and "Rear Wheels.")				

(Specifications and design subject to change without notice.)

CLICK ANYWHERE FOR MORE DETAILS

CLICK ANYWHERE FOR MORE DETAILS

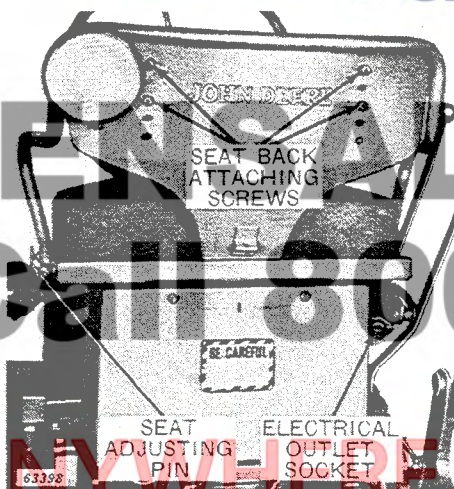
On standard tractors, the brakes are locked by tipping the top of the pedal forward to engage the latch. The brakes are released by pressing on the heel of the pedals.



Brake Pedal and Latch on Standard Tractors

STANDARD SEAT.

The roomy seat increases operator comfort and lessens fatigue. There is an adjustment on the left-hand side for moving the seat forward and backward to suit the convenience of the operator. The back of the seat can be adjusted up or



Standard Seat

down by means of the attaching screws.

BATTERY COMPARTMENT.

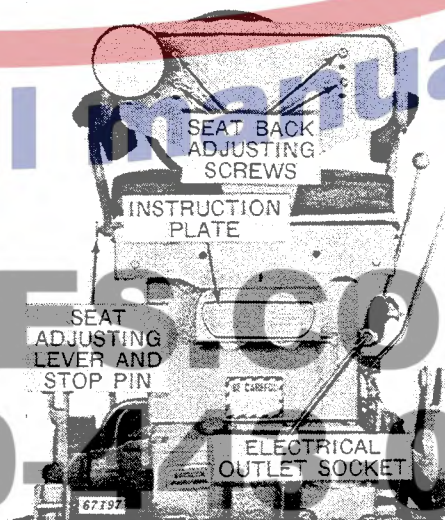
The batteries are located in a compartment under the seat where they are readily accessible for periodic checking and service.

ELECTRICAL OUTLET SOCKET.

A convenient electrical outlet socket is located on the right-hand side of the battery box.

SPECIAL FLOAT-RIDE SEAT.

A special float-ride seat having rubber torsion springs and a shock absorber is available as optional equipment. This seat has the same forward and backward adjustment and seat back adjustment as the regular seat. In addition, the tension on the rubber springs can be adjusted to suit each rider. Adjustment is made by turning the handle located at the back of the seat. An instruction plate above the handle tells how to make the adjustment.



Float-Ride Seat

CAUTION: Do not adjust the rubber torsion springs while a rider is on the seat.

CLICK ANYWHERE FOR MORE DETAILS

CLICK ANYWHERE FOR MORE DETAILS

Lock socket firmly on mast ball by pushing down on the latch handle. Clip loose end of upper link chain to hole in right side of upper link body.

(9) Raise the implement slowly and watch for any points of interference. Be sure that the draft link locking pins are latched before operating in the field.

NOTE: Lower the implement to the ground when it is not in use.

CAUTION: If implement does not stand steady alone when disconnected from the hitch, use a block or stand to support it.

Hitching Implements to the Hitch Bar.

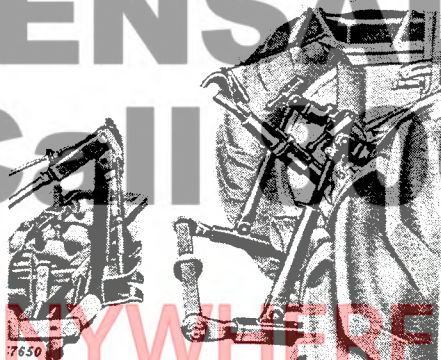
Back tractor into place, positioning the square bar vertically by means of the hydraulic control lever to engage the jaws on the implement. Sidewise adjustment of the bar may be made from the seat by using the right-hand lift link adjusting screw. Engage the upper link hook with the implement mast ball. The implement may be positioned by means of the hydraulic system to help engage the upper link hook. In some cases, it

may be necessary to adjust the length of the upper link. Raise implement with the hydraulic system and fasten the hitch bar lock mechanism which is a part of the implement. Raise the implement slowly and watch for any points of interference.

Do not attach a towed load to the hitch bar. A towed load must always be hitched to tractor drawbar.

LEVELING.

Use the adjusting crank on the right-hand lift link to level the implement laterally (side-to-side). After implement is satisfactorily leveled, drop the adjusting crank to the rear, over the lock which holds it in place.



Attaching Implement to Hitch Bar



Leveling Implement Laterally
(Sideways)

CLICK ANYWHERE FOR MORE DETAILS

CLICK ANYWHERE FOR MORE DETAILS

118

INDEX

	Page		Page
A			
Adapting Parts, Implement.....	40	Engine Speeds.....	17, 74, 75
Adjustable-Tread Front Axle Adjustment.....	22	Engine, Starting.....	17
Air Cleaner.....	60	Engine, Stopping.....	21
Air Pressure, Tires.....	89, 90	External Powershaft Speed Changer.....	60, 70
Ammeter.....	14	F	
Attaching Implements to 3-Point Hitch.....	40	Fan Bearings.....	69
Attaching Remote Cylinder.....	47, 48	Fast-Idle Adjustment.....	75
Attachments.....	109	Fenders with Dual Headlights.....	7, 96
B		Filter, Fuel.....	73
Ballast, Front End.....	20	Filter, Oil.....	63
Batteries.....	10, 92	First Reduction Gear Cover.....	67
Bearing, Lower Pedestal.....	68	Flipper Guard.....	11
Belt, Generator.....	93	Front End Weights.....	20
Belt, Pulley.....	50	Front-Mounted Rockshaft.....	49
Bleeding Remote Cylinder.....	48	Front Wheel Bearings.....	67, 88
Brakes.....	9, 20, 64, 86	Front Wheel Tread Adjustment.....	21
Brake Difficulties.....	103	Fuels.....	16
Brake, Pulley.....	8, 86	Fuel-Control Lever.....	8
Breakaway Coupling.....	45	Fuel Filter.....	73
Break-In Period.....	18, 55	Fuel Storage.....	16
Bulbs, Light.....	97	Fuel System.....	73
C		G	
Carburetor.....	74	Gearshift Lever.....	9
Care of Rubber Tires.....	91	Generator.....	61, 93
Category I and II Implements.....	40	Generator Drive Belt.....	93
Choke Control.....	8	Generator-Voltage Regulator.....	94
Cigarette Lighter.....	15	Grease Fittings.....	56, 57, 58
Clutch, Main, Facing.....	83	H	
Clutch Lever.....	8	Heat Control Valve, Manifold.....	13, 76
Clutch, Main.....	8, 82	High-Speed Driving.....	19
Clutch Pedal, Powershaft.....	11	Hitch Bar.....	40, 42
Cold Weather Battery Service.....	95	Hitch, 3-Point.....	35, 44, 58
Cold Weather Service.....	81	Hitching Implements.....	20, 46
Controls.....	6	Hydraulic Powr-Trol Pump.....	12, 33
Cooling System.....	80	Hydraulic Powr-Trol Pump Control Lever.....	12, 33
Crankcase, Lubrication.....	55, 60, 62	Hydraulic Powr-Trol System.....	32, 61, 65
Cranking Motor.....	61, 93	Hydraulic Powr-Trol System Difficulties.....	104
Cylinder, Remote.....	45	I	
D		Ignition-Light Switch.....	7
Dash Lamps.....	14	Ignition System.....	77
Dealer Services.....	71	Instrument Panels.....	14
Distributor.....	64, 68, 73	L	
Double-Acting Remote Cylinder.....	45	Leveling the Implement.....	42
Draft Links.....	36	Lift Links.....	37
Drawbar Adjustments.....	29	Light Bulbs.....	97
Driven Pulley.....	51	Lights.....	7, 96
Driving at Night.....	19	Light Switch.....	7
Driving the Tractor.....	19	Load-and-Depth Control.....	35
Dual Headlights.....	7, 96	Load-and-Depth Control Difficulties.....	104
E		Load Control Yoke.....	38, 44
Engine Difficulties.....	100		
Engine Lubrication.....	54, 60, 62		

CLICK ANYWHERE FOR MORE DETAILS

CLICK ANYWHERE FOR MORE DETAILS

119

INDEX—Continued

	Page		Page
Lubrication.....	54	Rockshaft Control Lever.....	12, 34
Lubrication Charts.....	56, 57, 58	Run-In Period.....	18, 55
Lubrication Services, Periodic:			
10-Hour.....	60		
30-Hour.....	60		
75-Hour.....	61		
150-Hour.....	62		
500-Hour.....	65		
Yearly (1000-Hour).....	67		
(2000-Hour).....	71		
		S	
		Safety Shield, Powershaft.....	11
		Safety Suggestions.....	52, 53
		Seat.....	10
		Service Reminders.....	99
		Single-Acting Remote Cylinder....	45
		Slow-Idle Adjustment.....	75
		Spark Plugs.....	77
		Specifications.....	4, 5
		Specific Gravity, Battery.....	95
		Speed Control Lever.....	8
		Speed-Hour Meter.....	15
		Speed Changer, Powershaft, Exter-	
		nal.....	60, 70
		Starting and Lighting Equipment..	93
		Starter Button.....	8
		Starting the Engine.....	17
		Steering Gear Oil Level.....	66
		Stopping the Engine.....	21
		Stopping the Tractor.....	21
		Storing the Tractor.....	108
		Sway Locks.....	39, 44
		T	
		Tappet Adjustment.....	81
		Temperature Gauge.....	14
		Thermostat.....	80
		3-Point Hitch.....	35, 44
		Throttle Control Linkage.....	74
		Timing Distributor.....	78
		Tires.....	39
		Toe-In Adjustment.....	23
		Tractor Difficulties.....	100
		Tractor Storage.....	108
		Tread Adjustment, Front Wheel...	22
		Tread Adjustment, Rear Wheel...	24
		U	
		Upper Link.....	37
		V	
		Valve Tappet Adjustment.....	81
		Viscosity, Oil.....	55
		Voltage Regulator.....	94
		W	
		Warm-Up Period.....	18
		Wheel Weight.....	92

CLICK ANYWHERE FOR MORE DETAILS