

425 and 525 Series Wheel-Type Offset Disk Harrows



JOHN DEERE

OPERATORS MANUAL 425 and 525 Series Wheel-Type Offset Disk Harrows

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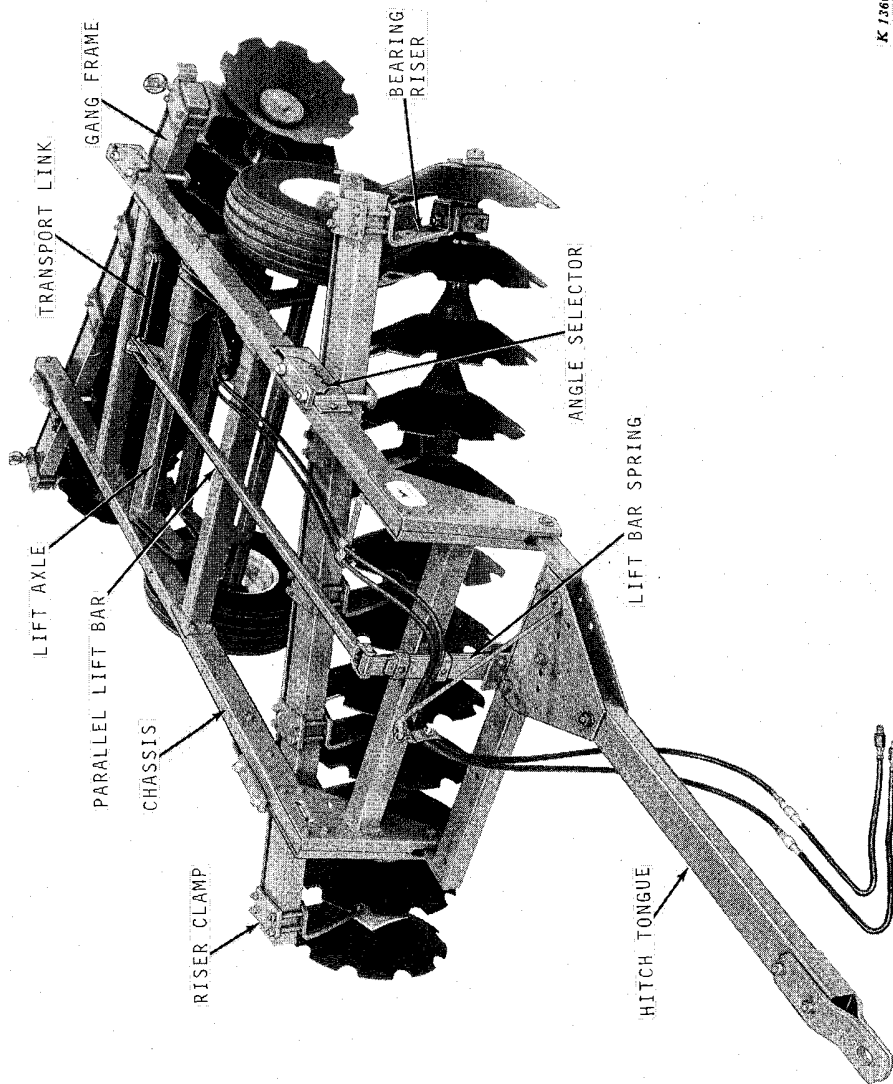
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K 1366

John Deere Model 525-C-1711 Wheel-Type Offset Disk Harrow

SPECIFICATIONS

The John Deere 425 and 525 Series Disk Harrows are offset, wheel-carried disk harrows for use with wheel or track-type tractors equipped with standard ASAE-SAE 8-inch stroke remote hydraulic cylinders.

The angle of gangs can be adjusted from a maximum of 47 degrees to a minimum of 27 degrees, or any in-between degree, by loosening two clamps on each gang frame.

Harrow Width and Disk Spacing	No. of Disks	Approximate Weight*	
		425	525
425-A-99.	22	3001	3381
425-A-911 or 119	20	2945	3318
425-A-1111	18	2889	3261
425-B-99.	24	3195	3497
425-B-911 or 119	22	3053	3445
425-B-1111	20	3001	3401
425-C-99.	28	3439	3885
425-C-911 or 119	26	3390	3837
425-C-1111	24	3341	3809
425-D-99.	32	3736	4264
425-D-911 or 119	30	3697	4228
425-D-1111	28	3657	4211
425-E-99.	36	4093	4525
425-E-911 or 119	33	4017	4444
425-E-1111	30	3940	4367
425-F-99.	42	4628
425-F-911 or 119	39	4553
425-F-1111	36	4458

*Weight with 24-inch cone-disk blades without scrapers.

EQUIPMENT

Disk Blades - 24-inch, or 26-inch plain or cone-disk with cutout being available in either blade. 525 models use 24-inch cut-out cone-disk, 1/4-inch thick, as regular equipment.

(Specifications and design subject to change without notice.)

Disk Spacing - 9-1/8-inch or 10-3/4-inch spacing, front or rear.

Disking Depth - Controlled by raising or lowering the carrying wheels with the hydraulic cylinder.

Wheel Tread - 78 inches, all models.

Carrying Wheels - 15-inch regular, 14-inch optional. Wheels are equipped with automotive type, adjustable tapered roller bearings.

Transport Clearance - 8 inches with 15-inch wheels.

Leveling - Adjusted by the use of a series of holes in the rear end of the parallel lift bar. The use of these holes makes it possible to level the disk harrow for various tractor drawbar heights.

Bearings - Anti-friction bearings in gangs which require no lubrication. However, provisions have been made for those desiring to lubricate bearings periodically.

EXTRA EQUIPMENT

Disk Scrapers - Moldboard type and plate type. Moldboard type only on 425 Disk Harrow.

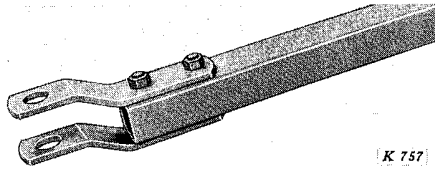
Gang Wrench - Uses 6-foot long pipe for handle.

Furrow Filler - Less disk blade.

OPERATION

PREPARING THE DISK HARROW

Before using a new disk harrow or one that has been stored, check to see that nuts on all bolts are tight and that the disk harrow has been properly lubricated. See "Lubrication" on page 13.



If the tractor drawbar requires an open clevis, remove the top half of the hitch tongue clevis and turn over as shown above. Be sure hitch clevis bolts are kept tight.

PREPARING THE TRACTOR

For complete tractor operating instructions and tractor tire inflation, refer to your tractor operator's manual.

Set the tractor drawbar so it is free to swing when disking.

HYDRAULIC CONTROL

The 425 Series Disk Harrows will operate with any wheel or track-type tractor equipped with a

standard ASAE-SAE 8-inch stroke double-acting remote hydraulic cylinder.

The hydraulic cylinder controls the disking depth and raises the disk harrow for transporting.

TIRE INFLATION

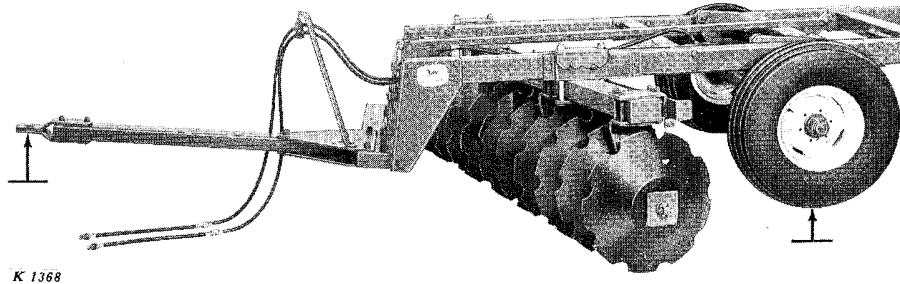
Inflate the disk harrow tires to pressure given on page 14.

ATTACHING TO OR DETACHING FROM THE TRACTOR

The wheels must be in a raised position before attaching to or detaching from the tractor drawbar because of the tension in the parallel lift bar spring which holds the hitch tongue down.

Back the tractor to the disk harrow and install the remote hydraulic cylinder on the disk harrow. Raise or lower the wheels by the hydraulic cylinder until the hitch tongue clevis is at the correct height and attach the clevis to the tractor drawbar.

When detaching the disk harrow from the tractor, raise wheels until the hitch tongue clevis is free on tractor drawbar before uncoupling the hydraulic lines. Pull the drawbar pin and drive the tractor away from the disk harrow.



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