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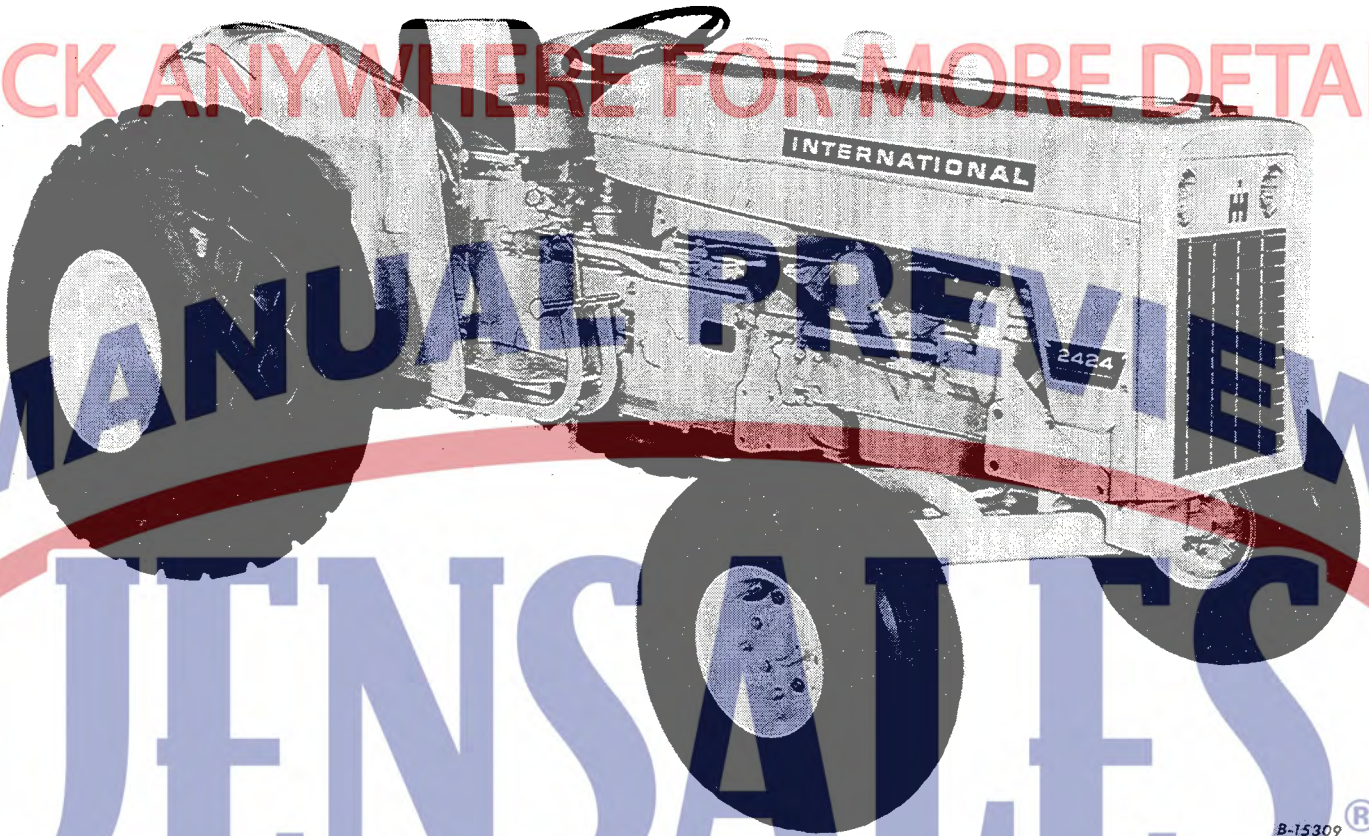
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INTRODUCTION

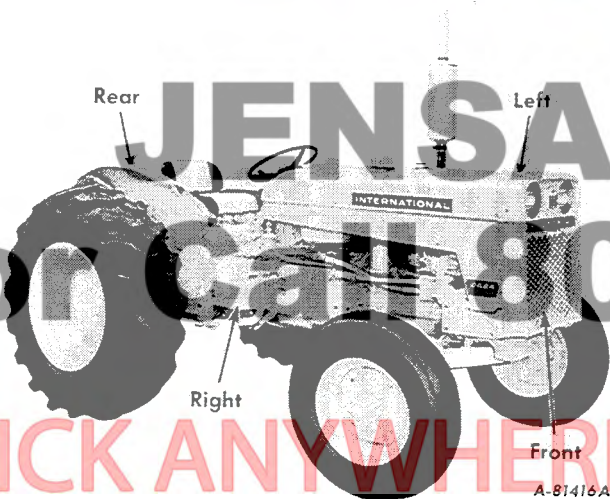


Illust. 3

Right side view of the International 2424 Lo-Boy Tractor
(gasoline engine).

Assembled in this manual are operation,
lubrication, and maintenance instructions for
International 2424, International 2424

Industrial, International 2424 Lo-Boy, and
International 2424 Lo-Boy Industrial Tractors.



Illust. 3A
Terms of location.

The terms LEFT, RIGHT, FRONT, and
REAR must be understood to avoid confusion
when following instructions. LEFT and RIGHT
indicate the left and right sides of the tractor
when facing forward in the driver's seat. See
Illust. 3A.

The illustrations in this manual are num-
bered to correspond with the pages on which
they appear; for example, Illusts. 8 and 8A are on
page 8.

A variety of extra equipment and accessories
is available. Refer to page 89. Operating and
maintenance instruction on these items is in-
cluded in the instructions for operating or
maintaining the tractor. Disregard the instruc-
tions for equipment not on your tractor.

POWER TAKE-OFF



Illust. 30
Power take-off shifter lever.

The power take-off on tractors without the forward and reverse drive is of the continuous running type, having a dual flywheel clutch operated by a single foot pedal in two stages. The 1-3/8 inch diameter shaft has 6 parallel side splines and operates at 545 r.p.m. at maximum full load governed engine speed. The power take-off is disengaged when the shifter lever is in the forward position and is engaged by moving the shifter lever to the rearward position. See Illust. 30.

Depressing the clutch pedal through the first stage releases the primary or main clutch, which disengages the transmission drive shaft and stops the forward motion of the tractor. The power take-off shaft continues to operate the driven equipment to cope with extra material or perform its function without further forward movement. See Illust. 30A.

Depressing the clutch pedal through the second stage of its travel, or fully downward, releases the secondary or power take-off clutch, thus disengaging the driven equipment from the power source. See Illust. 30A. The beginning of the second stage of pedal travel will be noticed by a slight increase in spring resistance.

Power take-off driven equipment may be put in motion while stationary by first releasing the clutch pedal through the second or lower stage. When ready for forward motion, the clutch pedal may be fully released.

Tractor speed changes may be made without stopping the power take-off driven equip-



Illust. 30A
Two-stage clutch pedal.

ment by depressing the clutch pedal through the first stage of its travel.

The same power take-off is used on tractors with the forward and reverse drive, except that a conventional-type single-plate clutch is used. Depressing the clutch pedal stops both the forward motion of the tractor and the power take-off.

OPERATING THE POWER TAKE-OFF

1. Move the engine speed control lever to the low idle position.
2. Press the clutch pedal all the way down
3. Engage the power take-off by moving the shifter lever to the rearward position. See Illust. 30.
4. Move the gearshift lever and the hi-lo shifter lever to the desired speed and range, also the forward and reverse shifter lever if so equipped.
5. Move the engine speed control lever to obtain the required power take-off shaft speed.
6. Slowly release the clutch pedal.

Note: Do not exceed the recommended power take-off speed for the driven machine.

Caution! Stop the power take-off before dismounting from the tractor.

Caution! When operating the power take-off, be sure that the master shield is always in place covering the power take-off exposed shaft.

Caution! When the power take-off shaft is not in use, always keep it covered with the power take-off shaft safety cap. See Illust. 24,