

John Deere

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MODEL:

310-A

Backhoe Loader

**OPERATOR'S
MANUAL**



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JD310-A
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**OPERATORS MANUAL
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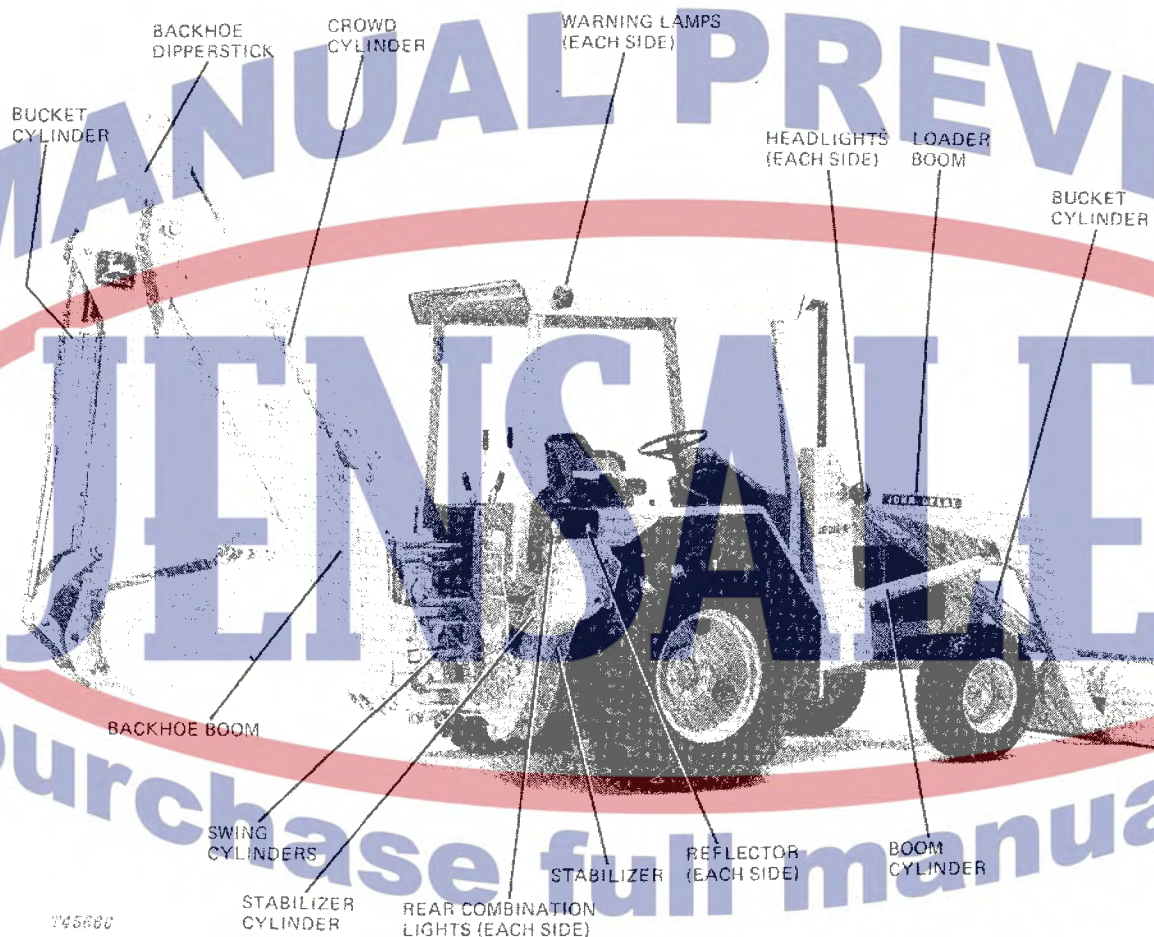
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Components

1



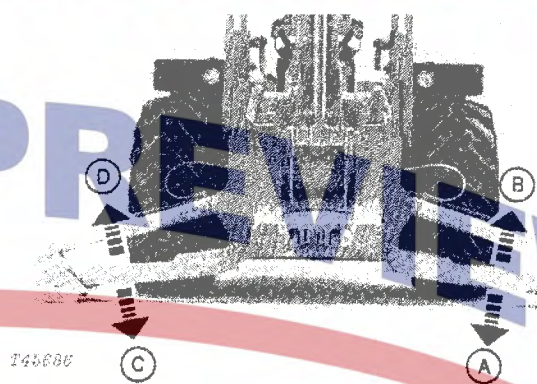
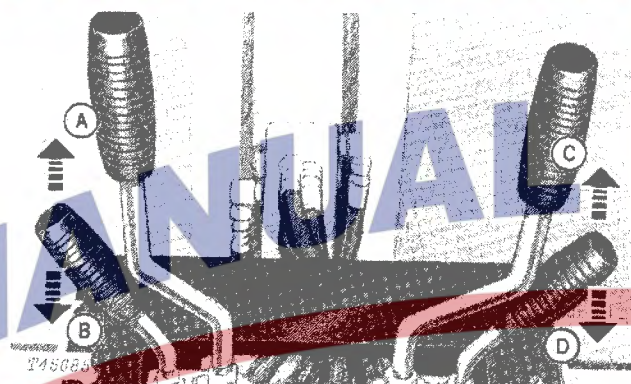
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STABILIZER CONTROL LEVERS



A—Left Stabilizer Down

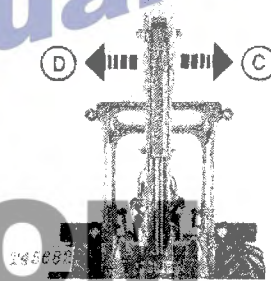
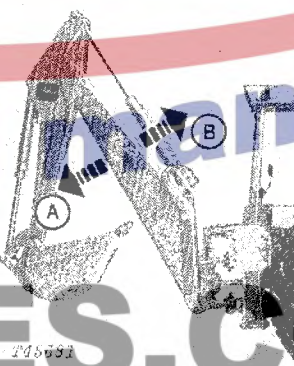
B—Left Stabilizer Up

C—Right Stabilizer Down

D—Right Stabilizer Up

CAUTION: Be careful when raising stabilizers. Remember stabilizers may be the only restraint preventing backhoe loader from rolling into excavation.

BACKHOE BOOM CONTROL LEVER



A—Lower

B—Raise

C—Boom Left

D—Boom Right

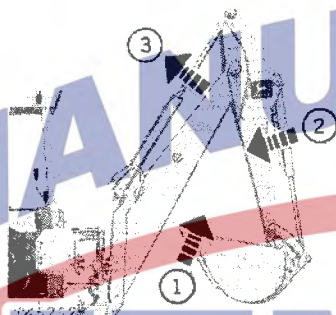
For faster cycle times, move the lever to positions between those shown. You can swing the boom left (L.H.) or right (R.H.) at the same time it is raised or lowered.

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PREPARING THE BACKHOE FOR HIGHWAY TRAVEL OR LOADER OPERATIONS

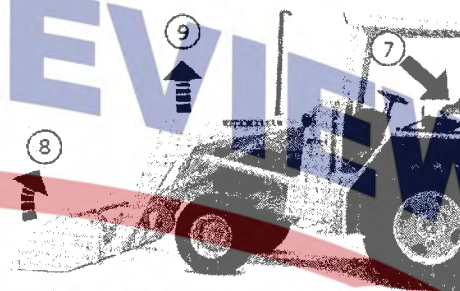
Perform the following steps before driving or using loader.



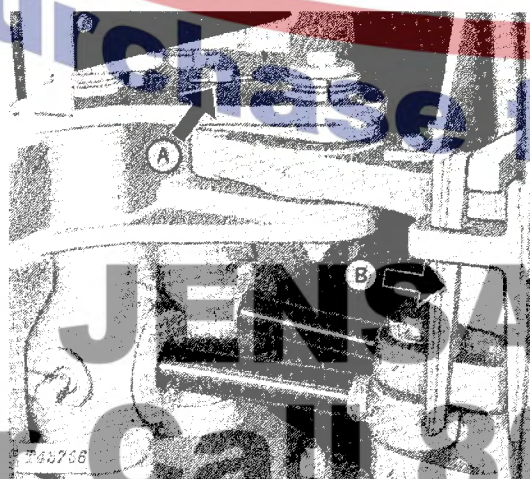
- 1 - Retract bucket.
- 2 - Retract dipperstick.
- 3 - Raise boom.



- 4 - Center boom.
- 5 - Install swing and boom locking pins.
- 6 - Raise stabilizers.



- 7 - Move seat to loader position.
- 8 - Retract bucket.
- 9 - Raise loader to height of machine ground clearance.



A—Swing Lock Pin

B—Boom Lock Pin

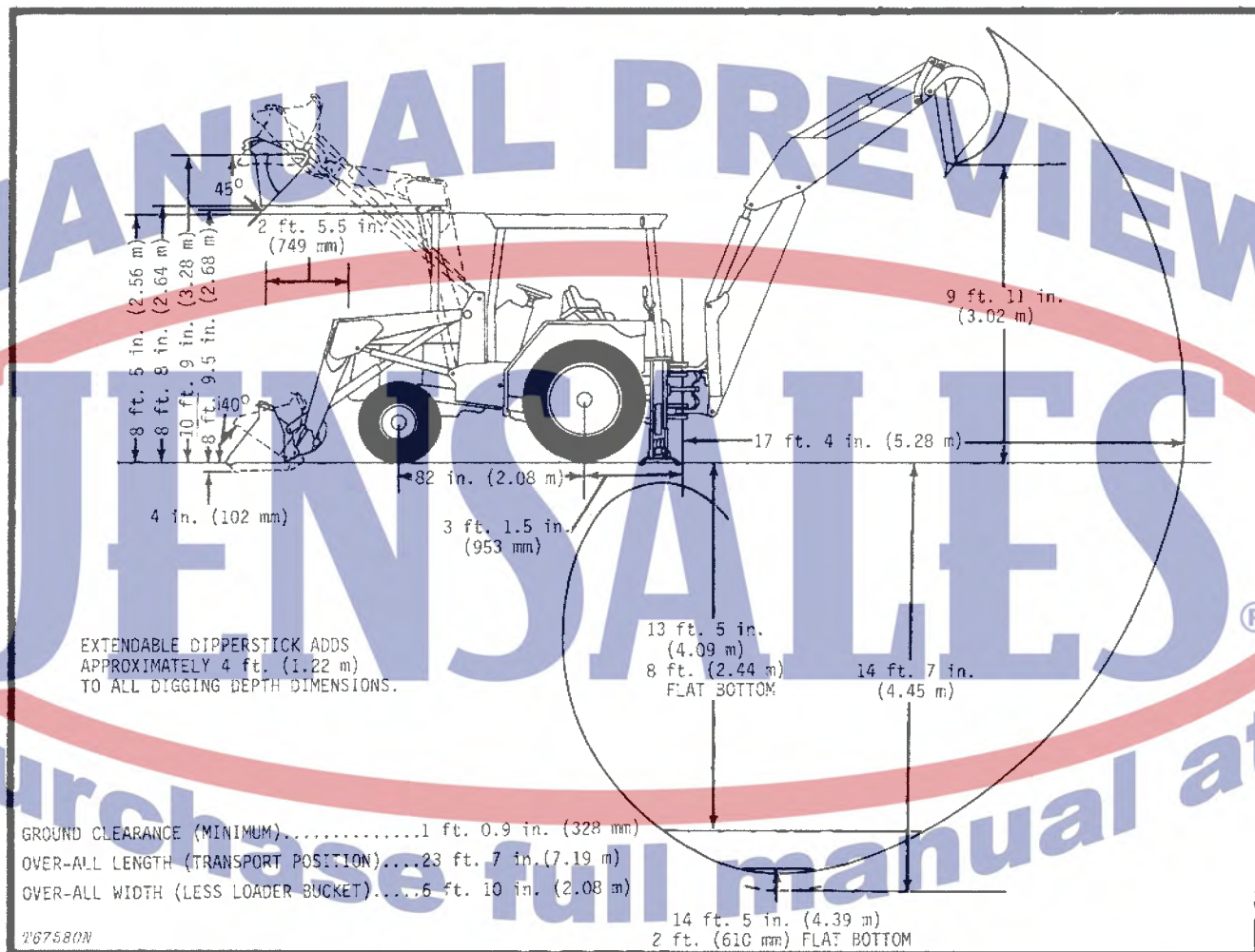
Before driving, install swing lock pin and boom lock pin.

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Specifications



WHEEL TREADS:

Front. 58 in. (1.47 m)
Rear 65 in. (1.65 m)

BACKHOE:

Swing arc 180 deg.
Lifting capacity:
Boom at full reach
and full height. 1500 lb. (680 kg)
Dipper lifting, boom
holding, full height. 3100 lb. (1406 kg)
Digging force (bucket cylinder
in power-dig position). 9636 lb. (43 kN)
Reach from center
of rear axle 20 ft. 5.5 in. (6.24 m)
Transport height 11 ft. 3 in. (3.43 m)

STABILIZER WIDTH:

Transport position 7 ft. 3 in. (2.21 m)
Operating position (overall). 10 ft. 2 in. (3.10 m)
Operating position (ICED) 8 ft. 9 in. (2.67 m)

LOADER:

Maximum dump angle 50 deg.
Lifting capacity,
full height. 5000 lb. (2268 kg)
Raising time to full height. 3.7 sec.
Bucket dump time 1.3 sec.
Lowering time (power) 3.0 sec.

SAE operating weight with ROPS. 13,520 lb. (6133 kg)

(Specifications and design subject to change without notice. Wherever applicable, specifications are in accordance with ICED and SAE Standards. Except where otherwise noted, these specifications are based on a unit equipped with 16.9-24, 8-ply-rating, R4 rear tires; 11L-15, 8-ply-rating front tires; 3/4 cu. yd. (0.57 m³) loader bucket, 24 in. (610 mm) standard backhoe bucket, and standard equipment.)



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