

MFWD and Front Axle Maintenance

Check Axle Pivot Pin End Play

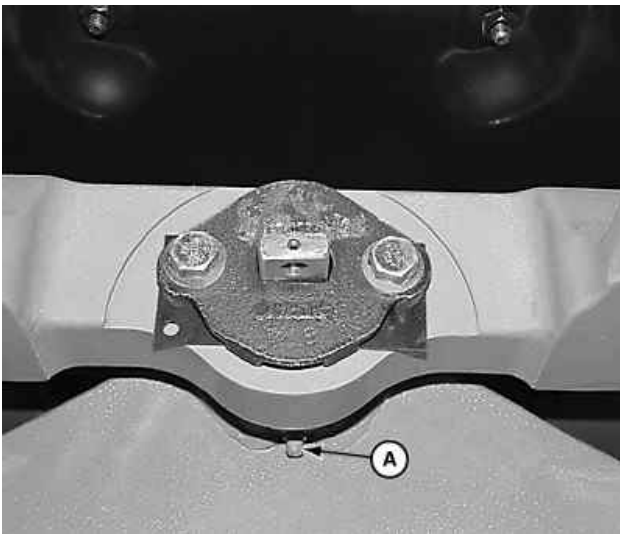
MAINTENANCE INTERVAL
Every 600 Hours

Ask the John Deere dealer to check the front axle pivot pin for correct end play.

LGCKF7U,0000C35-19-11MAY21

Lubricate 2WD Axle Pivot Point

MAINTENANCE INTERVAL
Weekly or 50 Hours



LV14413—UN—17AUG11

A—2WD Grease Point

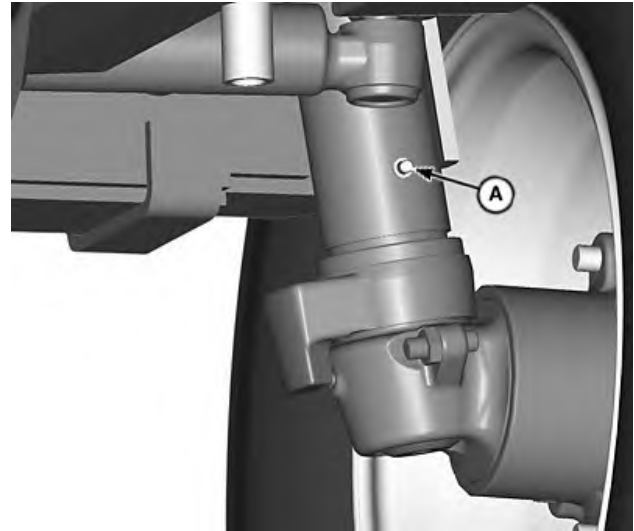
Apply several shots of multi-purpose grease to the axle pivot point. (See Fuels, Lubricants, and Coolants section.)

NOTE: Daily maintenance is necessary when operating in wet and muddy conditions.

LGCKF7U,0000C36-19-11MAY21

Lubricate 2WD Steering Spindles and Cylinders

MAINTENANCE INTERVAL
Weekly or 50 Hours



LV14411—UN—08JUN11

A—Lubrication Point

Apply several shots of multi-purpose grease to the steering spindle and cylinder end grease point. (see Fuels, Lubricants, and Coolants section)

NOTE: Daily maintenance is necessary when operating in wet and muddy conditions.

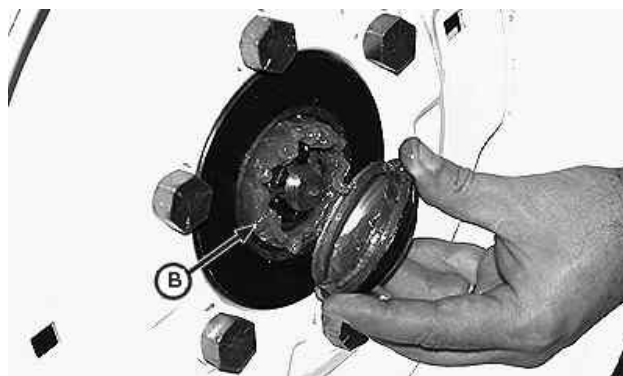
LGCKF7U,0000C37-19-11MAY21

Pack 2WD Front Wheel Bearings

MAINTENANCE INTERVAL
Every 600 Hours



LV14652—UN—17AUG11



LV4411—UN—06OCT99

A—Hub Cap
B—Multipurpose Grease

CAUTION: Support machine securely on stands before removing a wheel.

1. Park machine on level ground, place transmission in park, shut off engine, and remove key.
2. Block rear wheels.
3. Jack up the front end of machine.
4. Remove hub cap (A), cotter pin, and wheel nut.
5. Remove washer and wheel bearings. Clean all parts in solvent and blow dry with compressed air. Replace any worn or damaged parts.
6. Pack bearing with multipurpose grease (B). (See Fuels, Lubricants, and Coolants section.)
7. Coat seal with grease.
8. Install bearings, washer, and wheel nut.
9. Tighten wheel nut until a slight drag is felt when hub is turned. Back off nut enough to install a cotter pin in the hole in wheel spindle.
10. Install hub cap and wheels. Tighten lug bolts to specification. Tighten bolts again after driving machine 100 m (109 yd) and again after 3 hours and 10 hours of use.

Specification

2WD Front Axle Wheel
Bolt—Torque. 175 N·m
(130 lb·ft)

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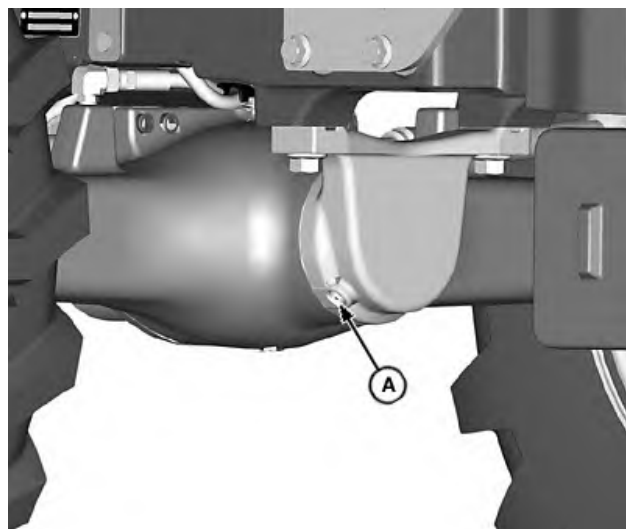
NOTE: If oil leaks, replace drain plug and fill port. If oil leaks in excess, see your John Deere dealer.

HK75640,00010B0-19-14SEP20

Lubricate MFWD Axle Trunnion

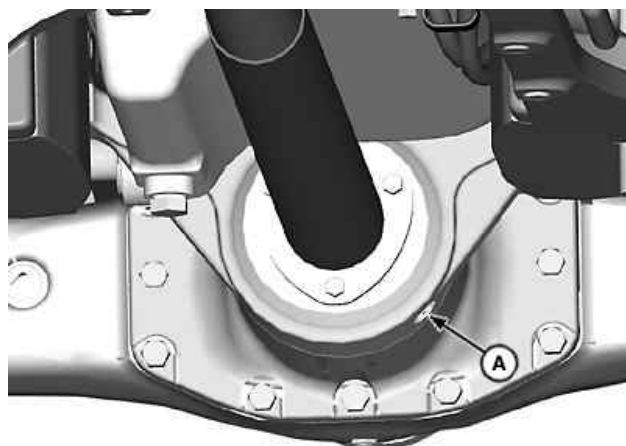
MAINTENANCE INTERVAL

Weekly or 50 Hours



LV14409—UN—08JUN11

Front Side of Axle



LV14410—UN—08JUN11

Back Side of Axle

A—Trunnion Grease Points

Apply several shots of multi-purpose grease to trunnion. (See Fuels, Lubricants, and Coolants section.)

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Check MFWD Axle for Oil Leaks

MAINTENANCE INTERVAL

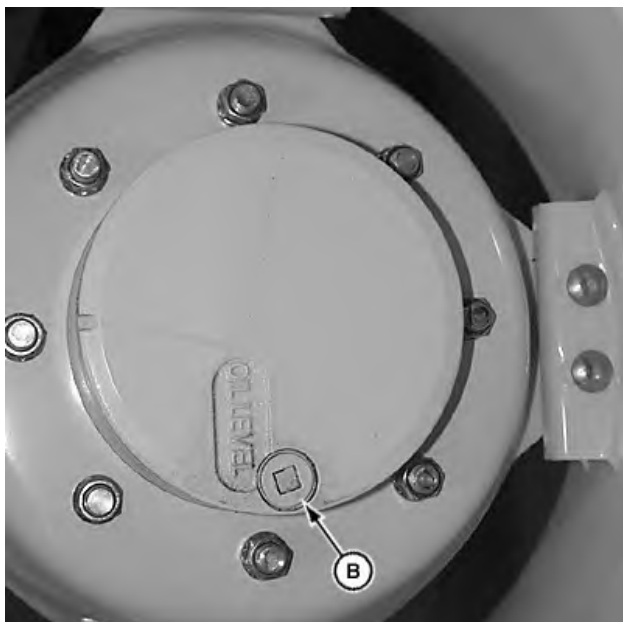
Weekly or 50 Hours

Check MFWD axle housing and wheel hub for leaks. Ensure that no oil leaks from the drain plug and fill port.

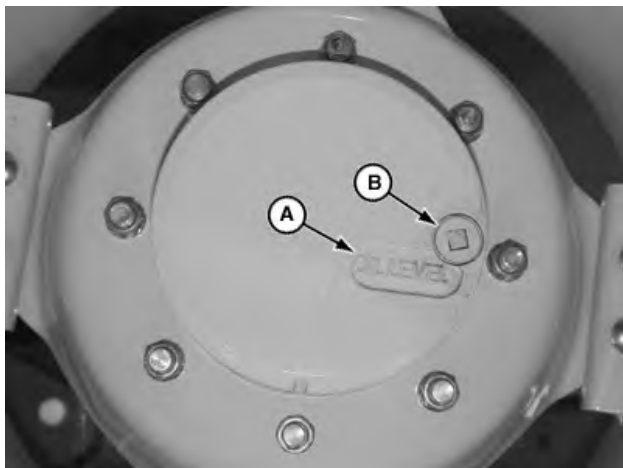
Change MFWD Axle Wheel Hub Oil

MAINTENANCE INTERVAL

Every 600 Hours



LV15529—UN—05MAR12



LV14649—UN—18AUG11

A—Oil Level
B—Drain/Fill Port Plug

NOTE: Approximate oil capacity for MFWD hubs is 0.8 L (0.9 qt). (See Fuels, Lubricants, and Coolants section.)

1. Park machine on a level surface, with wheel rotated until drain/fill port plug (B) is at bottom of hub.
2. Remove drain/fill port plug and drain oil.
3. After oil has drained, move and park machine so that "OIL LEVEL" mark at the drain/fill port is parallel to ground.
4. Add Hy-Gard™ J20C oil until it reaches oil level (A) at bottom of the drain/fill port.

5. Install drain/fill port plug (B) and tighten to specifications.

Specification

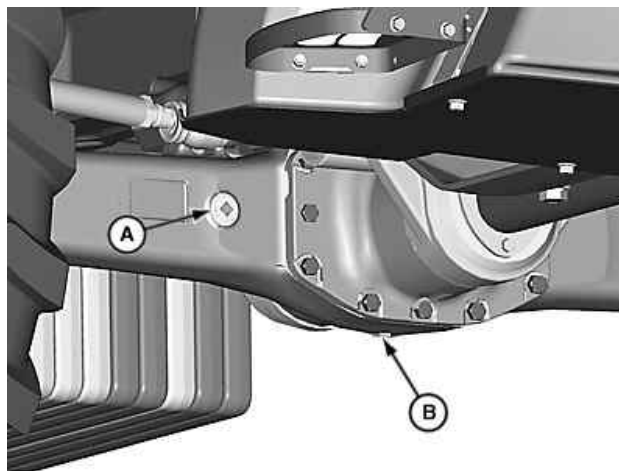
Plug to Hub—Torque. 70 N·m
(52 lb·ft)

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Change MFWD Axle Housing Oil

MAINTENANCE INTERVAL

Every 600 Hours



LV14651—UN—17AUG11

A—Fill Plug
B—Drain Plug

NOTE: Approximate MFWD axle housing oil capacity is 5 L (1.3 gal). (See Fuels, Lubricants, and Coolants section.)

1. Park machine on level ground. Remove key.
2. Remove the fill plug (A) and the drain plug (B).
3. Install drain plug and tighten to specification.
4. Add Hy-Gard™ J20C oil until even with the bottom of fill plug.
5. Install the fill plug and tighten to specification.

Specification

Plug to Housing—Torque. 70 N·m
(52 lb·ft)

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