

CHASSIS

WHEEL BEARINGS

FIG. 1: Clean and lubricate the wheel bearings at the beginning of each season. See Specifications for the correct type of lubricant.

Also check the torque of the wheel bolts at the beginning of each season. See Specifications for the correct wheel bolt torque.

To lubricate and/or replace the wheel bearings:

- Block the machine from rolling forward or backward. Slightly loosen the wheel bolts.
- Put a jack with at least 1814 kg (2000 lb) of lifting capacity as near to the end of the chassis spindle mount as possible.
- Raise the baler enough so the wheel can be removed. Put a support stand that has a capacity of at least 1814 kg (2000 lb) under the spindle mount. Lower the baler onto the support stand.
- Remove the wheel bolts and the wheel.
- Remove the hub cap (1).
- Remove the cotter pin, (2) slotted axle nut (3), washer (4), and outer bearing cone (5).
- Slide the hub (6) off the axle (7). Use a hub puller if necessary.
- If lubricating the wheel bearings, remove the outer and inner (8) bearings cones and grease seal (9). Clean and dry the hub.

If replacing the wheel bearings, also remove the bearing races (10). Discard the used bearings.

- If replacing the wheel bearings, press in the new bearing races with thickest edges facing the inside of the hub.
- Pack the bearing cones by machine or by hand forcing grease between rollers, cone and cage. Fill the space (11) between the bearing races in hub with grease to the inside diameter of races. See Specifications for the correct type of grease.
- Install the inner bearing cone. Fill the space (12) between the inner bearing cone and the grease seal seat with grease. Press in a new grease seal with the lip toward the bearing. Lubricate the lip of the seal with a small amount of grease.

NOTE: Excessive grease around the spindle and seal will collect dirt and increase seal wear.

- Clean the axle and install the hub. Be careful not to damage the seal.
- Install the outer bearing cone, washer, and axle nut onto the spindle.

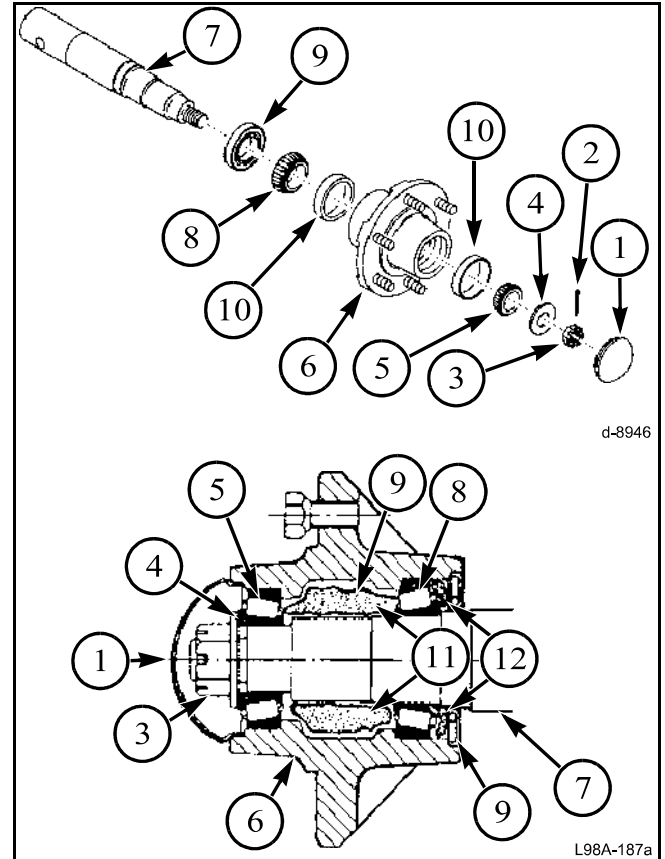


FIG. 1

Chassis

- Tighten the axle nut to 27 to 41 Nm (20 to 30 lbf ft) while rotating the hub. This makes sure all bearing surfaces are in contact. Loosen the axle nut two turns.
- Tighten the slotted nut with your fingers as the hub is rotated clockwise. Tighten the slotted nut to align the hole in the spindle with the nearest slot and install a new cotter pin.

The rolling torque of the hub must be 5.7 to 11.3 Nm (50 to 100 lbf inch) after the cotter pin is installed.

- Fill the hub cap half full of wheel bearing grease and install.
- Install the wheel and tighten the wheel bolts. See Specifications for the correct torque. Remove the jack.

NOTE: When mounting the wheel, clean the bolt threads with a steel brush and oil the threads lightly to retard corrosion. See Specifications for the correct wheel bolt torque.

TAILGATE LATCH ADJUSTMENT

FIG. 2: Check the tailgate latch (1) on both sides of the baler. The latch must be seated securely on the bottom of the tube (2) when the tailgate is closed.

Adjust each tailgate latch as follows:

- Make sure the tailgate is completely closed.
- From the inside of the latch, loosen the adjusting bolts (3) with a wrench. Move the latch until the latch seats securely against the bottom of the tube. Tighten the adjusting bolts.

NOTE: Make sure the tailgate latch on each side of the baler is adjusted correctly.

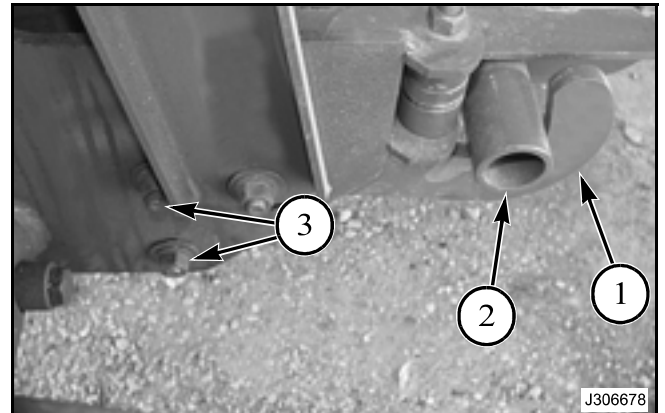


FIG. 2

FIG. 3: The length (A) of the spring (1) on the tailgate latch must be 365 mm (14-3/8 in) from hook to hook when the tailgate is latched.

Adjust the length of the spring using the eyebolt (2).

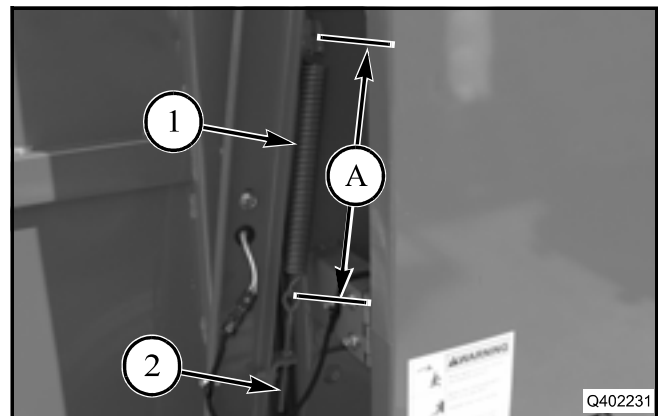


FIG. 3