

6.2 Gauge wheels

6.2.1 Adjust the gauge wheel to opener clearance

Procedure

1. Park the machine on a solid, level surface.
2. Apply the parking brake, stop the engine, and take the key with you.
3. Install the cylinder stops.
4. Loosen the two capscrews (1).
5. Adjust the gauge wheel tire-to-opener clearance from 0 to 1.6 mm (0 to 0.0625 in).
 - Turn the hex head bushings (2) clockwise to move the gauge wheels closer to the opener.
 - Turn the hex head bushing counterclockwise to move the gauge wheels away from the opener.

NOTE: The tires must not rub the opener discs and the opener discs must rotate freely when the gauge wheels are at planting depth.

6. Tighten the two capscrews.

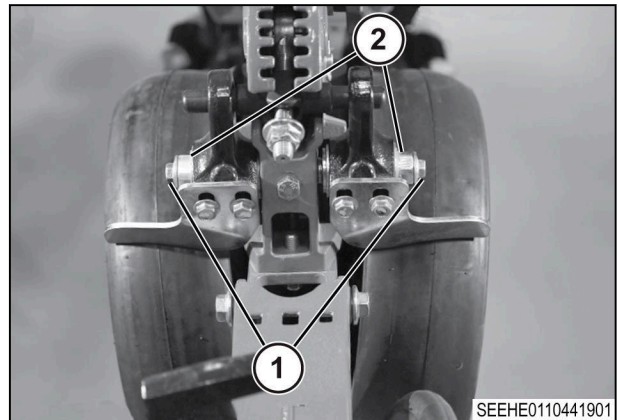


Fig. 1

6.2.2 Calibrate the gauge wheel depth

Procedure

1. Park the machine on a solid, level surface.
2. Apply the parking brake, stop the engine, and take the key with you.
3. Install the cylinder stops.
4. Put a 38 mm (1.5 in) thick piece of wood under each gauge wheel.
5. Put the depth adjustment handle (1) at 1-1/2 (2).
6. Remove the cylinder stops.
7. Lower the machine to the ground.
8. Use the depth adjustment screw (3) to remove any looseness in the system, but not lift the disc openers off the hard surface.
9. Repeat procedure for other row units if necessary.
10. Make sure the setting is correct while operating in the field.

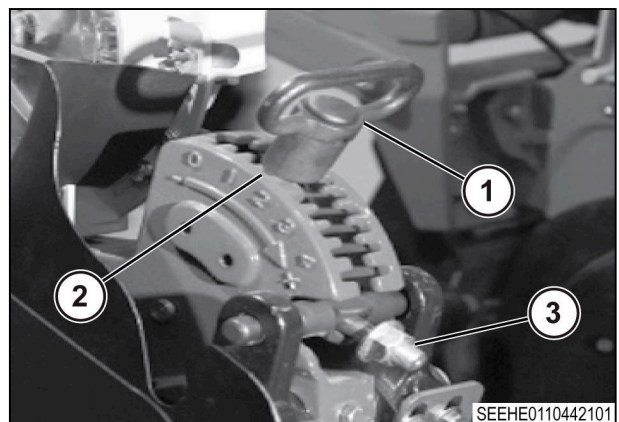


Fig. 2

6.2.3 Remove the gauge wheels

Procedure

1. Park the machine on a solid, level surface.

2. Apply the parking brake, stop the engine, and take the key with you.
3. Install the cylinder stops.
4. Remove the retaining ring (1).

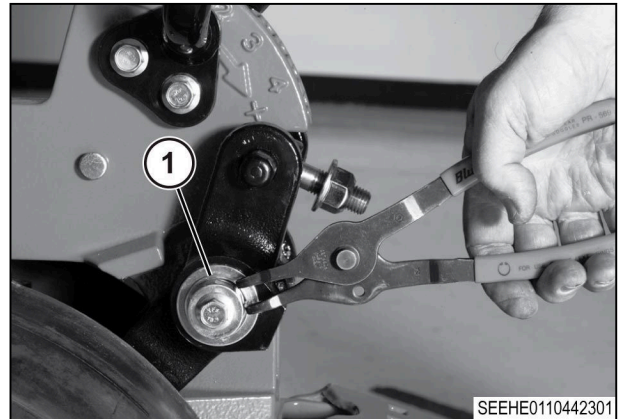


Fig. 3

5. Remove the gauge wheel assembly (1) from the rod (2) and the equalizer arm (3).
6. Repeat the procedure for the other side.

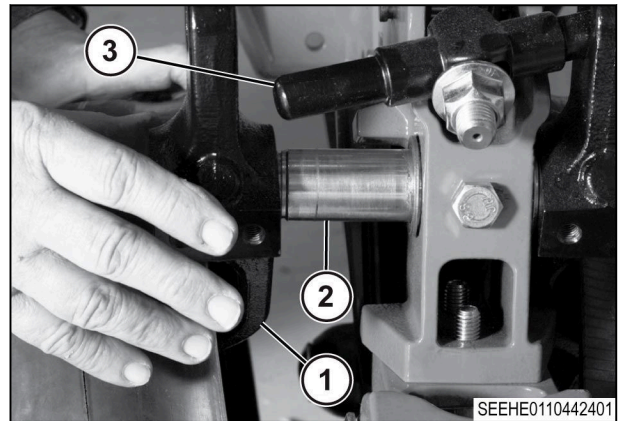


Fig. 4

6.2.4 Install the gauge wheels

Procedure

1. Park the machine on a solid, level surface.
2. Apply the parking brake, stop the engine, and take the key with you.
3. Install the cylinder stops.
4. Install the gauge wheel assembly (1) onto the rod (2) and the equalizer arm (3). Make sure the inside seal lip remains in correct contact with the shaft.

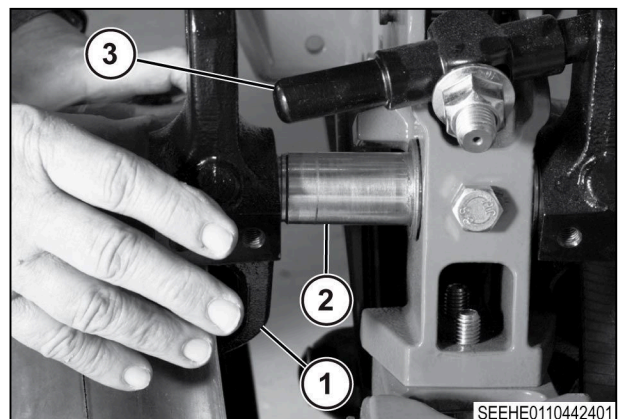


Fig. 5

5. Install the retaining ring (1).
6. Repeat the procedure for the other side.

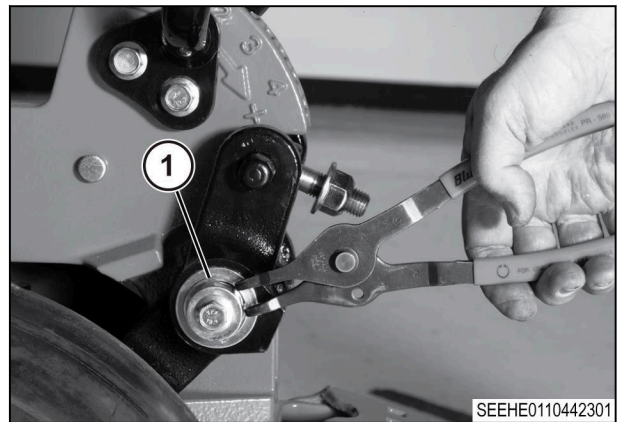


Fig. 6