



Service Advisory

CC-569

i SERIES

Models Affected: i1046 (17AF9BKH709, 17AF9BKH710, 17AF9BKH756, 17RF9BKH756)
i1050 (17AF9BKP709, 17AF9BKP710, 17AF9BKP756, 17RF9BKP756)

Serial Number Range Affected: iSeries Lawn Tractors built prior to March 15, 2007 (1C157G1 and Prior)

Date: **May 17, 2007**

Subject: **Potential for sensitive or locking brakes. Fix-As-Fail.**

PURPOSE: To notify the dealers that the air gap between the friction pucks and the brake disc, may have been set on the low side of the specification range of .021" - .040" when the brake is released. Some units may experience the brakes as being abnormally sensitive or locking up after a few hours of operation on either or both hydrostatic transmissions.

ACTION REQUIRED:

1. Place tractor on a flat level surface.
2. Disconnect the negative battery cable from the negative battery terminal.
3. Chock/block the front wheels.
4. Loosen the center lock bolt that secures the wheel/hub assembly to the left & right axles.
5. Jack up the rear of the tractor & place jack stands as shown in Figure 1.

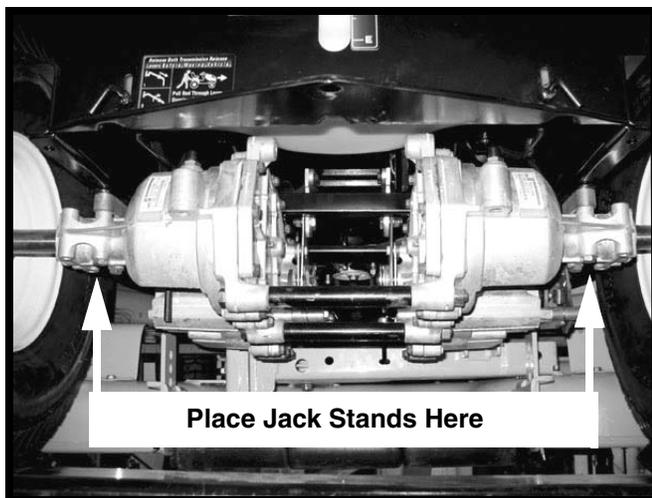


FIGURE 1

6. Remove both rear wheel/hub assemblies.
7. Locate the castle nut on the right hand transmission assembly. Remove and discard the cotter pin locking the castle nut on the brake caliper. See Figure 2.

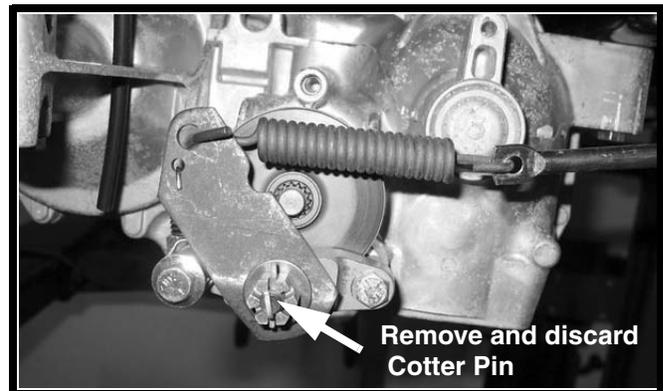


FIGURE 2

8. Back the castle nut off a few turns.
9. Insert a .030" (0.8mm) feeler gauge between the brake rotor & the outboard brake puck. See Figure 3.

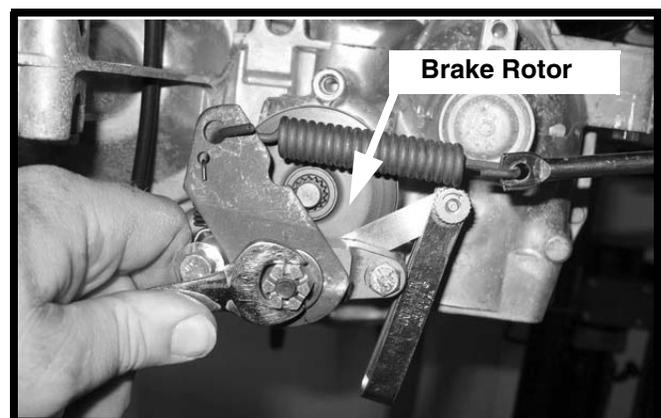


FIGURE 3

10. Slowly tighten the castle nut until a slight drag is felt on the feeler gauge when sliding in & out / back & forth.

11. Once the proper setting is confirmed, insert a new cotter pin through the castle nut & brake yoke assembly stud to lock the castle nut in place.

12. Repeat Step 7 through Step 11 for the left hand transmission brake assembly. Then proceed to step 13.

13. Before re-installing the rear wheel/hub assemblies, coat the ends (approximately 5") of the axle shafts with Never-Seize. Be careful not to get Never-Seize into the threaded hole on the end of the axle shafts.

14. Re-install both wheel/hub assemblies. If the patch material on the center lock bolt is degraded or non-existent, order new bolts P/N 710-0627 or use Loctite® #242 (blue). Torque bolts to 420-480 in. lbs.

15. Jack up the tractor & remove the jack stands, lower the unit to the ground.

16. Connect the negative battery cable to the negative battery terminal.

17. Remove the chock/block from the front wheels.

18. Test drive the unit applying & releasing the brakes several times to ensure even braking & brakes are releasing completely.

Warranty: Normal warranty terms apply. Indicate Service Advisory **CC-569** and **917-0678** as the original failed part on the claim. Repair time allowance is 0.6 Hrs.

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