



# Service Advisory

## Z-FORCE SERIES

CC-564A

Models Affected: Z-FORCE 44 (17AH3AGL710)  
Z-FORCE 50 (17AH3AGP709, 17AH3AGP710, 17AH3AGP630)  
Z-FORCE 60 (17AI3AGJ709, 17AI3AGJ710)

Serial Number Range Affected: 2007 Model Year Only.

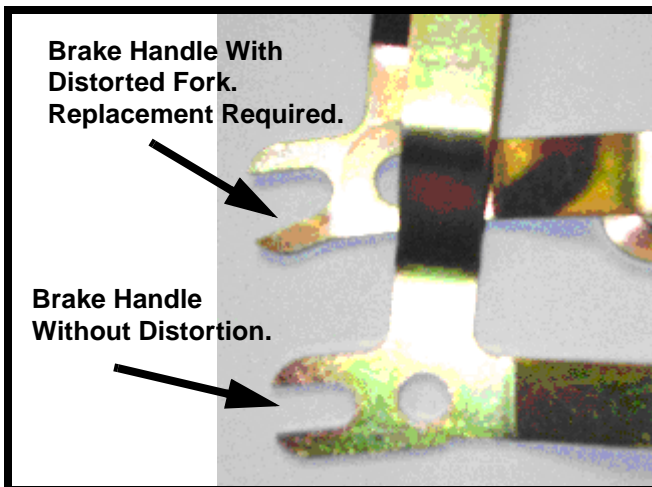
Date: April 03, 2007 **Revised On June 29, 2007 (Destroy All Previous Copies)**

Subject: **Hand Brake Lever Operation (Fix-As-Fail).**

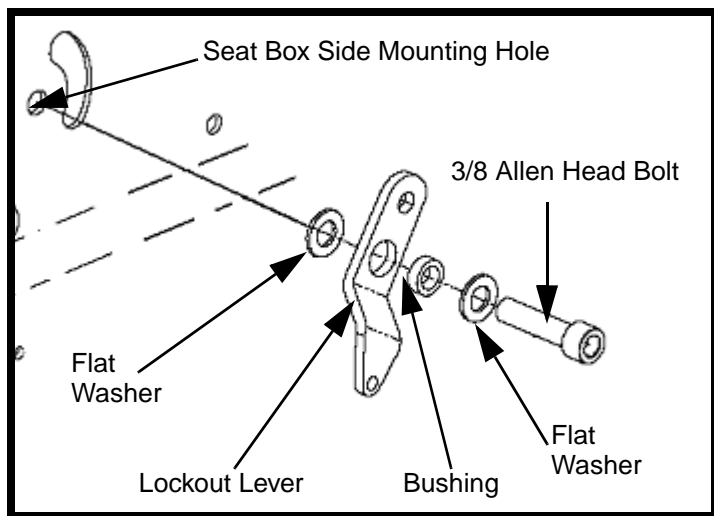
**PURPOSE:** On some units, the hand operated Brake Lever does not engage and disengage the brake and neutral lockout systems smoothly. The Brake Lever may "stick" when the operator moves the lever from engagement to disengagement or disengagement to engagement.

### **ACTION REQUIRED:**

1. Park unit on a flat level surface.
2. Disconnect the negative battery cable from the negative battery post.
3. Remove the front access panel of the seat box.
4. Remove the brake handle grip. (Use an air gun to slightly inflate the brake handle grip to assist in removal). Figure 4 on page 3.
5. Remove the left hand side control panel to access the brake lever assembly.
6. Inspect the brake handle **(02003832)**. Check the condition of the fork that actuates the Lockout Lever. If the fork is distorted / spread open, the distortion will effect the brake operation. See Figure 1.
7. If the fork is distorted / spread open, order a **(02003833)** Brake Handle. If the grip is damaged order a **(02003740)** Parking Brake Grip.
8. Disassemble the lockout lever roller assembly.
9. Disassemble the lockout lever mounting pivot bolt.
10. Disconnect the cable from the lockout lever arm.
11. Use a rat-tail file to remove burrs and sharp edges from inside of the pivot hole of the lockout lever arm. Figure 4 on page 3.
12. Use a flat file to remove any burrs in the brake handle fork that actuates the lockout pivot arm. Figure 4 on page 3. Make sure the internal portion of the fork arms are flat from the outside edge to the inside radius.
13. Wipe/clean up any filings left from the procedure of the removing burrs and sharp edges.
14. Lubricate the lockout pivot lever mounting hole and bushing with grease. Figure 4 on page 3.
15. Reinstall the lockout lever to the seat box. Refer to Figure 2 on page 2 for the proper sequence of assembly and secure with nut.
16. Attach the lockout mechanism cable to the lockout lever.
17. Reinstall the pivot arm roller. Refer to Figure 3 on page 2 for the proper sequence of assembly and secure with nut.



**FIGURE 1**



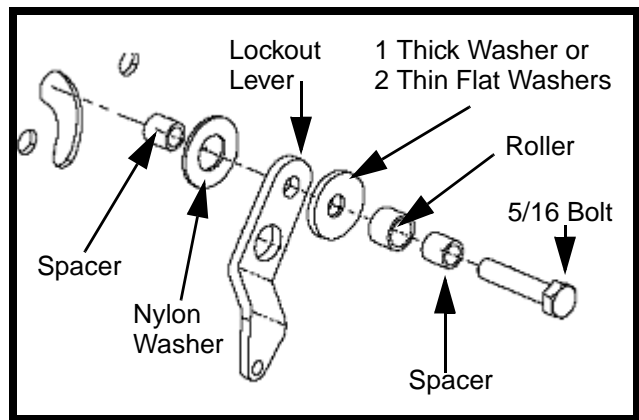
**FIGURE 2**

18. Lubricate the roller and brake lever fork with a coating of grease. Figure 4 on page 3.

19. Lubricate the brake lever pivot point with a few drops of oil or spray lube. Figure 4 on page 3.

20. Engage and disengage the brake lever to be sure no binding is present.

**NOTE:** *When engaging or disengaging the brake, some resistance is normal and expected as the brake components rotate over center within the mechanism.*



**FIGURE 3**

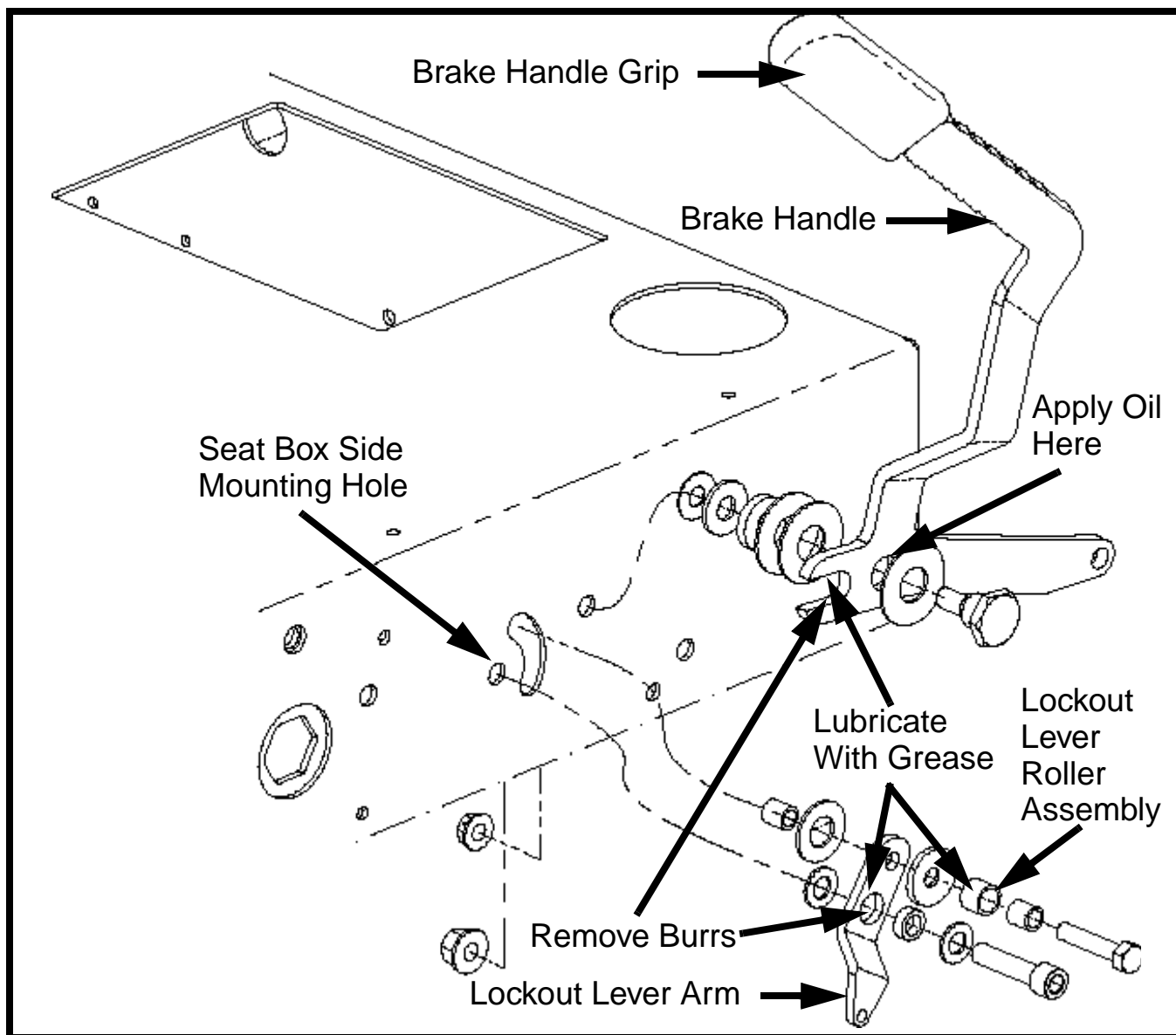
21. Reinstall the left hand side control panel.

22. Reinstall the brake handle grip. Figure 4 on page 3.

23. Reinstall the front access panel of the seat box.

24. Reconnect the negative battery cable to the negative battery post.

25. Check brake operation and adjust brake cables if necessary. Start unit and check all safety devices operate properly.



**FIGURE 4**

Warranty: Normal warranty terms apply. Indicate Service Advisory **CC-564A** and **02003825** as the original failed part on the claim. Repair time allowance is 0.5 Hrs.

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