



Service Advisory

CC-641

iSeries

Models Affected: i1050 (17AF9BKP010).

Serial Number Range Affected: Units Built Prior To March 30, 2009 (1C309G and Prior).

Date: **May 6, 2009**

Subject: **Premature Belt Wear Due To Extreme Angle.**

ACTION REQUIRED: This repair is to be considered a **Fix-As-Fail** repair

PURPOSE: The incorrect deck idler bracket (783-05303), may have been installed causing the deck idler pulley to be at such an angle it causes the belt to fray on the bottom edge due to the idler pulley flange cutting it.

CORRECTIVE ACTION:

1. Place tractor on a flat and level surface.
2. Turn off the engine, remove the ignition key and set the parking brake ON.
3. Inspect the existing deck idler bracket. If the existing idler bracket is a 783-05474, as shown in Figure 1A, the correct bracket is installed. Stop here. Any deck belt wear is the result of some other reason and further analysis is required.

If the idler bracket is a 783-05303, as shown Figure 1B, the incorrect bracket was installed. Order a 783-05474-0637 Idler Bracket and, if required, a new belt 754-04077. Proceed to Step 4.

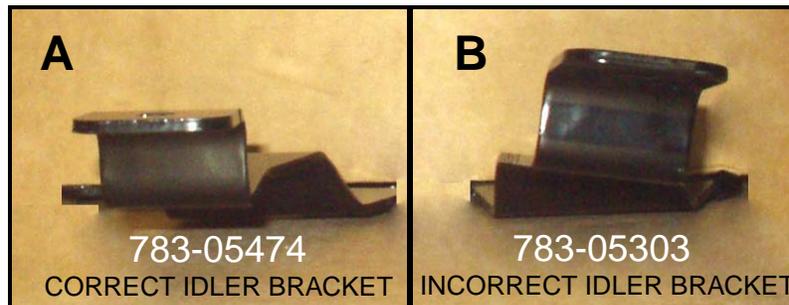


FIGURE 1

4. Using a 3/8" drive breaker bar in the 3/8" square hole in the idler bracket, release the deck drive belt tension and remove the belt from the idler pulley. Remove the belt from the engine PTO.
5. Remove the deck from under the tractor.
6. Slip the belt off of the idler pulley. Unhook the extension spring from its' mounting post and idler bracket mounting hole.
7. Using a 9/16" socket and ratchet and a 9/16" box/open end wrench, remove and retain the 3/8"-16 bolt, spacer washer and lock nut securing the idler bracket to the deck. Remove the idler bracket/ pulley subassembly.

8. Using a 9/16" socket and ratchet and a 9/16" box/open end wrench, remove and retain the 3/8"-16 bolt, both flat washers and lock nut securing the 756-04129 (4.25" diameter) idler pulley to the idler bracket. Discard the idler bracket.
9. Install the pulley onto the new 783-05474 idler bracket with the hardware removed in Step 8. Ensure that there is a flat washer on either side of the pulley hub.
10. Install the new idler bracket/pulley subassembly onto the deck with the hardware removed in Step 7.
11. Re-install the extension spring onto the idler bracket and its' mounting post.
12. Install the belt onto the idler pulley ensuring that the belt is correctly routed and on all pulleys.
13. Re-install the deck onto the tractor.
14. Using a 3/8" drive breaker bar in the 3/8" square hole in the idler bracket, move the idler bracket forward to provide additional belt travel, reconnect the deck belt to the engine PTO. Release the idler bracket.

This completes the service advisory repair.



Warranty: Normal warranty terms apply. Indicate Service Advisory **CC-641** and **783-05303** as the original failed part on the claim. Repair time allowance is **1.0 Hr.**

SERVICE MANAGER	PARTS MANAGER	SALES MANAGER	SERVICE TECH.	SERVICE TECH.

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