

## Solution Summary: QA5 and QA7 Reel Cutting Units - Grass catcher retaining latch fails

**\*\*Paper copies of solutions may not be the most current solutions\*\***

### **Complaint or Symptom :**

No instructions available to install new style retaining latches onto grass catcher baskets used with QA5 and QA7 reel cutting units.

### **Problem or Situation :**

Original retaining latch service parts were cancelled and substituted for new parts. Instructions to install new style retaining latches were not developed.

### **Solution :**

Use instructions below to assemble and install new style retaining latches.

**Caution: Avoid Injury. Wear protective gloves when servicing cutting units.**

The following parts are needed to update one grass catcher basket:

Quantity	Part Number	Description
1	TCU29447	Lever
1	TCU30553	Hook
1	TCU29446	Spring
1	34M7027	Spring Pin

1. Remove basket from the cutting unit.
2. Drive upper rod (A) partially through basket into position as shown. Remove and discard the existing latch assembly.
3. Use the following dimensions to modify basket by removing the plastic material shown in areas (B).  
See Photo: [90303\\_1.jpg](#)

Reference Letter	Dimension
C	33mm (1.30in)
D (Low Profile)	6mm (0.24in)
D (High Profile)	13mm (0.50in)
E	120mm (4.72in)

F 45°

5. Slightly drive pin (G) into clip (H) as shown. See Photo: 90303\_2.jpg
6. Insert hook (I) through clip as shown.
7. Align drive pin with hole in hook. Fully drive pin through clip until flush with clip as shown (J).
8. Install legs of spring (K) through slots in clip (L). Orient spring into position as shown. See Photo: 90303\_3.jpg
9. Fit the assembled retaining latch (M) onto the basket. Place end of spring (N) above basket opening, and hook stop (O) underneath basket as shown. See Photos: 90303\_4.jpg 90303\_5.jpg
10. Carefully drive upper rod (A) through holes in the spring and the slot in the hook.
11. Once retaining latch assembly is properly secured by upper rod, fully drive upper rod into basket.

**Additional Information :**

Disposition of old style retaining latches:

- All service parts at worldwide depots were discarded.
- All grass catcher bundles in Whole Goods warehouses were reworked with new style retaining latches

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2500E Hybrid Dsl, 2500B Diesel, 8500 E-Cut Hybrid, 7500 E-Cut Hybrid, 7200, 2653B, 8500, 7500, 8000 E-Cut Hybrid, 220 E-Cut Hybrid, 8700, 2500B Gas, 7700, 2500E Hybrid Gas

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GRASS, FAIL, LATCH, CCE Misc 5610, 5615

