



Customer Service Bulletin Commercial Business Group

Greensmaster® 3050 and 3100

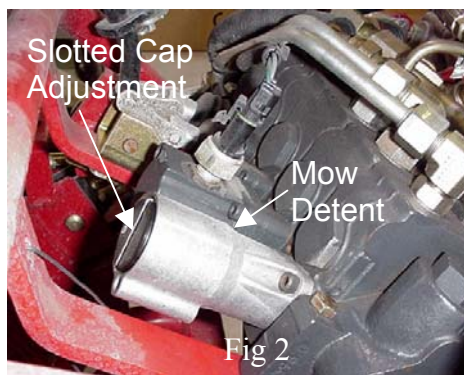
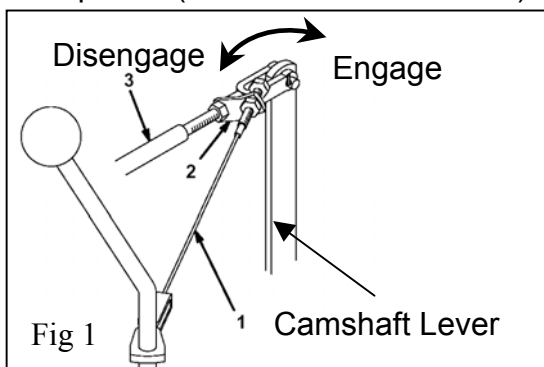
April 2, 2002

<u>Model/Serial Range:</u>	<u>Model Numbers:</u>	<u>Serial Numbers:</u>
	04351	70001-220009999
	04352	20001-59999
	04353	10001-200009999
	04354	40001-200009999
	04356	200000001-220009999

Subject: Evaluating Mow Valve Detent function.

The Mow function may disengage during operation for a number of reasons. Setup, adjustment, wear, lack of lubrication, and operator influences can all be contributing factors. The first step to correcting the operating difficulty is to evaluate the function of the Mow Valve Detent. The procedure listed below will help determine whether the problem exists in the valve or elsewhere.

1. Disconnect the clevis from the Camshaft Lever. It is not necessary to disturb the rod or cable adjustments (items 1, 2, and 3 in Fig 1).
2. Use the Camshaft Lever to manually engage the detent (pull sharply rearward).
3. Attach a spring scale to the hole in the Camshaft Lever (perpendicular to lever) and note the force required for the detent to disengage (pull forward). Turn the slotted adjustment cap on the front of the valve IN (clockwise) to increase and OUT (counter-clockwise) to decrease the disengage force. If a consistent disengage force of 25 lbs (11.4 kg) cannot be obtained, the detent must be cleaned, lubricated, or repaired (refer to Service Manual).



Note: The cap adjustment will be approximately 1 full turn out from a fully bottomed condition if the detent is in the first Valve Section (as shown in Fig 2), or 1½ turns if it is located in Section 2 of the Valve Assembly.

4. If the operating difficulty continues after verifying the detent is functioning as intended, refer to the additional checks outlined in the Greens Reels Bulletin titled [“Determining cause for the Mow function disengaging”](#) (December 20, 2001).