



Service Bulletin Code: W-105

Model FST-16 (13AR616G190)

Serial Numbers * 1C177B30001 thru 1C197B39999, 1E167B30001 thru 1E167B39999
1L216B70001 thru 1E167B79999

Date July 3, 1997

Subject PTO CLUTCH CLAMPING

We have received sporadic reports of PTO clutch failures on the above model/serial number tractors. In most cases, the clutch failure has occurred in the first few hours of operation.

Investigation of the clutch failures has revealed the cause to be the improper clamping of the PTO clutch to the engine crankshaft. Due to manufacturing tolerances, an additional flat washer may be needed to clamp the PTO clutch to the engine crankshaft.

If you get a PTO clutch failure on one of these tractors in the first few hours of operation, use the following procedure +

- 1 Remove PTO clutch assembly from the engine crankshaft by removing the retaining hex cap screw, lock washer, and flat washer(s). Should the engine pulley slide off the crankshaft, note the position of the beveled I D of the pulley.
- 2 Inspect the engine crankshaft for minor surface damage and repair with a fine honing stone or emery cloth.
- 3 Order a new thicker flat washer (P/N 736-3017), PTO clutch (P/N 717-1459) and lock washer (P/N 736-0171).
- 4 If previously removed, install the engine pulley with the beveled I D toward the engine. Slide the PTO clutch onto the crankshaft and secure with new thicker flat washer, existing washer(s), new lock washer and hex cap screw. Torque hex cap screw to 50-60 ft lbs.

Use this procedure on any unsold tractors ++

- 1 Order a new thicker flat washer (P/N 736-3017) and lock washer (P/N 736-0171).
- 2 Remove retaining hex cap screw, lock washer, and flat washer(s).
- 3 Install new thicker flat washer, existing flat washer(s), new lock washer, and hex cap screw. Torque hex cap screw to 50-60 ft lbs.

+ Warranty Allowance Submit a warranty claim for flat rate plus parts

++ Warranty Allowance Submit a warranty claim for 15 minutes labor plus washers

* Refer to 1997 Service Update Seminar Book for serial number/manufacturing code information

| Service Manager | Parts Manager | Service Tech | Service Tech | Service Tech |
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