

READ & ROUTE

Dealer _____ Service Technician _____ Parts Department _____
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TOPIC:

Possible Contact Between Gearbox and Engine Oil Pan Causing Leak

MODELS & SERIAL NUMBERS AFFECTED:

Models:
IS5000Z/C31D, 31HP diesel, zero-turn riding mower

Serial Numbers:
1220-1480

SUBJECT:

Field reports indicate the deck drive gearbox has the potential to come into contact with the engine oil pan, causing damage to the oil pan that may cause a leak.

CORRECTIVE PROCEDURES:

1. Park the machine on a flat, level surface and engage the parking brake. Disengage the PTO switch, turn off the engine and remove the key from the ignition.
2. Check the clearance between the gearbox and the engine oil pan (see Figure 1).
3. If you can pass a 1/4" bolt between the gearbox and oil pan, no further action is required. If you **cannot** pass a 1/4" bolt between the gearbox and oil pan, order and install Gearbox Shim Kit (5600028).

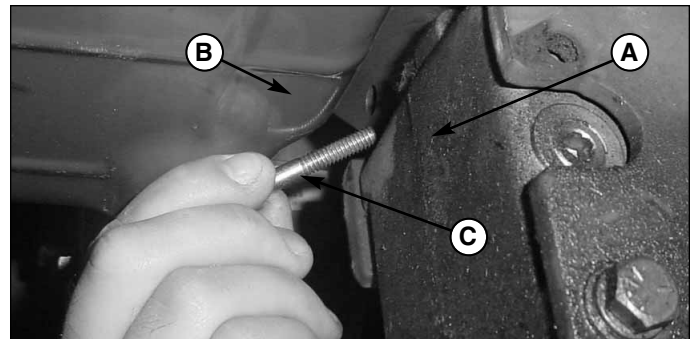


Figure 1. Check Gearbox & Oil Pan Clearance

- A. Gearbox
- B. Oil Pan
- C. 1/4" Bolt

WARRANTY INFORMATION:

Failure Type:

Failure Code:

Cause of Failure:

Work Performed: Repaired per Service Bulletin F077

Repair Parts:	Qty.	Part No.	Description
	1	5600028	KIT, Gearbox Shim

Eligible for Pickup and Delivery Reimbursement If Performed:

No

Total Hours:

0.3 - Inspect Only

1.0 - Inspect & Repair