



F087
SERVICE BULLETIN

DECEMBER 06

INCORRECT CRANKSHAFT SPACER USED ON 27HP KOHLER IS2000Z MODELS

MODELS AFFECTED			
Brands	Model Nos.:	Serial No. Range:	Description:
Ferris	5901170 5900625	2000666746 & below.	IS2000Z, 27 HP Zero-Turn Riding Mower w/52" & 61" mower deck.

DETAIL

Field reports indicate that an incorrect length spacer is causing engine crankshaft failures on some units in the field that are within the serial number range listed above.

INSPECTION

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. To evaluate whether the unit is affected, place a 5/8" bolt (B, Figure 1), (P/N #5025320X14 which is a 5/8-11 X 1-3/4" bolt, will work in this instance) between the crankshaft pulley (A) and the PTO clutch (C). If the shaft of the bolt slides in and makes contact with the spacer, the unit is not affected and no further action is required. If the shaft of the bolt does not slide in and make contact with the spacer, continue with the following corrective procedure.

CORRECTIVE PROCEDURES

1. Order and install Service Kit # 5600094.

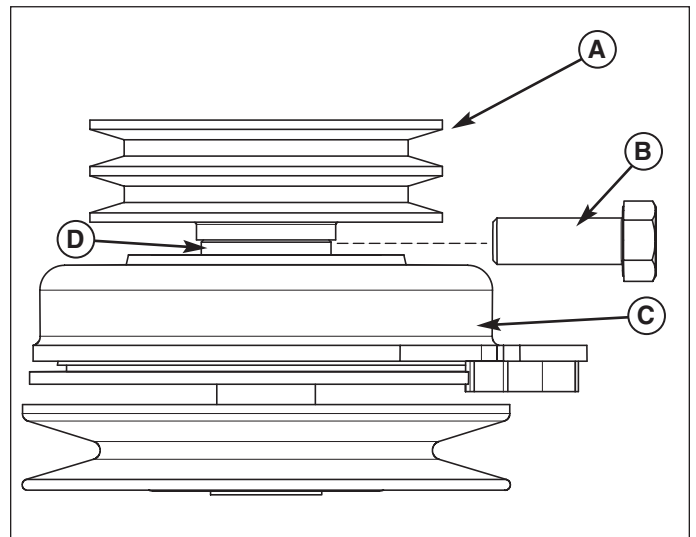


Figure 1. Inspecting the Machine
A. Crankshaft Pulley
B. 5/8" Bolt
C. PTO Clutch
D. Crankshaft Spacer

WARRANTY INFORMATION

Fill in the Warranty Claim Form with the following information.

Failure Type:	Body/Chassis
Failure Code:	H65
Pickup & Delivery:	N/A
Total Hours:	.2 (Inspection Only), .7 (Inspection plus Repair)

Cause of Failure:	AW
Work Performed:	F087 Inspection / F087 Inspection & Repair
Repair Parts:	Service Kit # 5600094

