

SERVICE**BULLETIN****SB #:** F115**BRANDS:****DATE:** JULY 2016**TO:** ALL AUTHORIZED FERRIS DEALERS**SUBJECT:** POSSIBLE MISSING GEARBOX VENT ON IS2600Z UNITS**MODELS:** SEE LIST BELOW

Brand	Model Numbers	Serial Number Range	Description
Ferris	5901475	2017486222 & Below	IS2600ZY24D61
Ferris	5901476	2017486222 & Below	IS2600ZY24D52RDCE
Ferris	5901477	2017486222 & Below	IS2600ZY24D61RDCE

DESCRIPTION

Ferris has determined that some IS2600Z Series Zero-Turn Riding Mowers were shipped without the vent installed in the right angle gearbox. This bulletin details an inspection procedure to determine if your unit has the vent installed, and a correction procedure if it is determined that the vent was not installed. If you have a unit listed in the chart above please perform the following inspection procedure, and if necessary, the correction procedure.

INSPECTION PROCEDURE

1. Park the zero-turn rider on a smooth, level surface such as a concrete floor. Disengage the PTO, engage the parking brake, turn the ignition switch to OFF, and remove the ignition key.
2. Raise the hood to gain access to the gearbox. The gearbox is located in the rear corner of the machine on the right hand side by the right side rear tire and the bumper.
3. Observe the top of the gearbox (**A, Figure 1**). If the unit was shipped outside of the United States it is equipped with an additional flywheel guard (**B**). The top of the gearbox can be viewed by looking through the slots of the flywheel guard or if necessary the flywheel guard can be temporarily removed.
 - If the gearbox is equipped with the raised hex vent (**C**) the gearbox vent **is installed**, continue with step # 5. **The correction procedure is not necessary.**
 - If the gearbox is equipped with a round internal hex set screw (**D**) the gearbox vent **is not installed**, continue with step # 4.
4. Inspect the gearbox's lower seal (**A, Figure 2**) for oil leakage. From beneath the machine the bottom gearbox shaft seal can be viewed. If the gearbox is leaking oil there will be oil and excessive dust, grass, and debris built up.

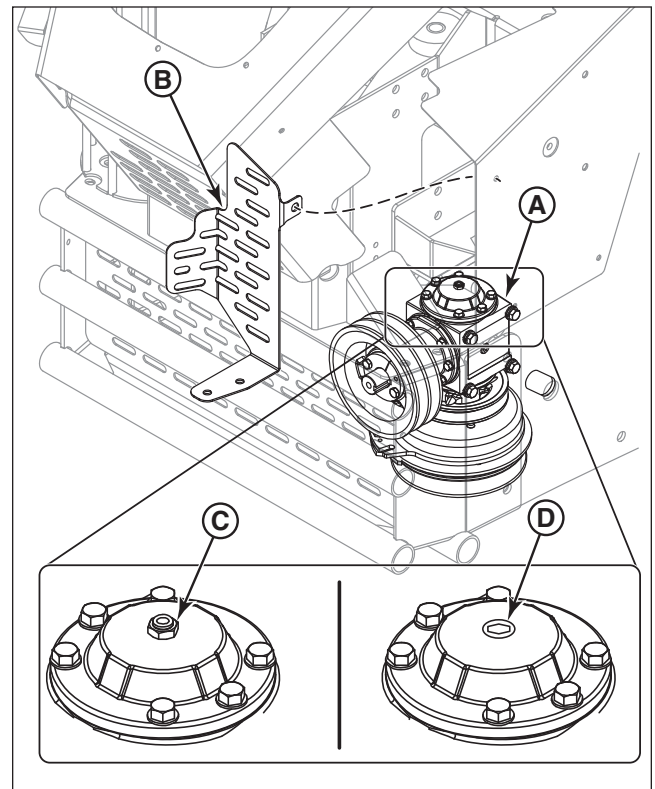


Figure 1. Inspecting the Gearbox

5. If the unit is equipped with an additional flywheel guard and it was removed to access the gearbox, re-install the flywheel guard now.
6. Lower the hood and secure in place using the latches.
7. If the unit is not equipped with a vent the correction procedure must be performed.

CORRECTION PROCEDURE

1. If the unit does not have a vent installed and does not show signs of oil leakage order and install Kit # 5600964 - “Kit, Gearbox Vent, IS2600Z”.

If the unit does not have a vent installed and shows signs of oil leakage, order and install Kit # 5900965 - “Kit, Gearbox Replacement, IS2600Z”.

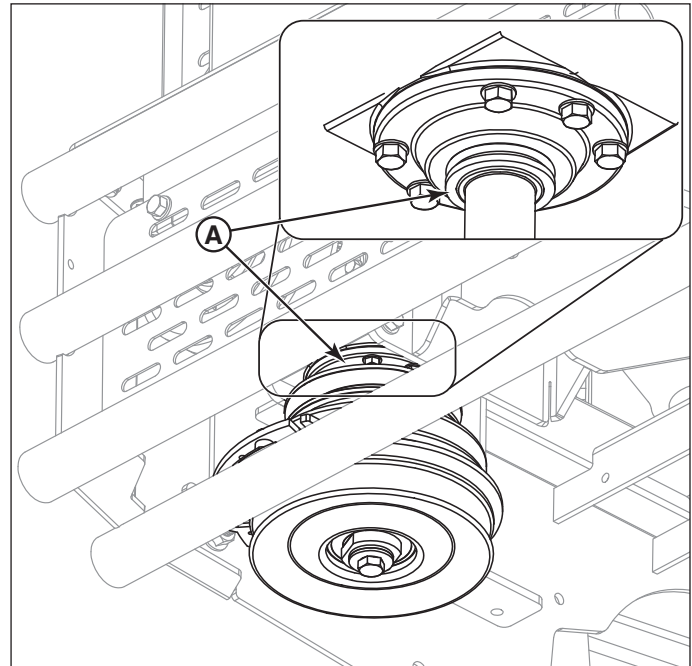


Figure 2. Checking the Gearbox for Oil Leaks

WARRANTY:

File for warranty reimbursement using e-Claim at www.ThePowerPortal.com. Use the values listed below when filling out the claim. The information in the “Brand” block indicates which tab the claim should be filed under. *Note: File only one unit per claim form.*

Brand	Ferris		
Failure Location Category	L+G - Deck/Attachment	Cause of Failure	AW
Failure Location Code	Differential F32	Work Performed	5600964 or 5600965
Defect Code/Failure Mode	Assembled Wrong AW	Repair Parts Used	5600964 or 5600965
Control/Evaluation Number			
Pick-Up & Delivery	N/A		
Total Hours (Tenths):			
Inspection	0.1		
Repair (w/ 5600964)	1		
Repair (w/ 5600965)	4		

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