



Service Advisory

CC-572A

1000 - 1500 - RZT SERIES

Models Affected: All 1000 Series Using Single and Twin Cylinder Courage Engines
All 1500 Series Using Twin Cylinder Courage Engines
All RZT Series Using Single and Twin Cylinder Courage Engines

Engine Models Affected: SV470 - SV610 Single Cylinder Courage
SV710 - SV840 Twin Cylinder Courage

Serial Number SV470 - SV610 Engines built between Serial Numbers 36142xxxxx and 3807030423.
Range Affected: SV710 - SV840 Engines built between Serial Numbers 36142xxxxx and 3806308723.
(Engine Serial Number)

Date: May 17, 2007 **Revised On March 25, 2008 (Destroy All Previous Copies)**

Subject: **Loose/Cracked Flywheel Ring Gears**

PURPOSE: To notify dealers of the Service Bulletin 285 that has been issued by Kohler Engine Manufacturer pertaining to loose/cracked flywheel ring gears.

NOTE: The Kohler Service Bulletin 285 is listed on the back page of this Advisory.

Warranty: Normal warranty terms apply. Indicate Service Advisory **CC-572A**
Single Cylinder: Indicate **KH-20-025-05-S** as the original failed part on the claim. Repair time allowance is **0.5** Hrs.
Twin Cylinder: Indicate **KH-32-025-08-S** as the original failed part on the claim. Repair time allowance is **1.2** Hrs.

SERVICE MANAGER	PARTS MANAGER	SALES MANAGER	SERVICE TECH.	SERVICE TECH.

Circulate and Initial

NO.		285
MODEL		SV470-610 SV710-840
DATE ISSUED	DATE REVISED	
3/07		

Loose/Cracked Flywheel Ring Gears

Powdered metal style ring gears were introduced on Courage series engine flywheels beginning in 2006. A slightly different manufacturing process is used to attach these ring gears onto the flywheel.

Due to the deviation in this assembly process, a limited number of engines between **Serial Numbers 36142xxxx and 36264xxxx** may contain stressed powdered metal ring gear flywheels. The ring gear itself may have or develop a crack (see Figure 1), allowing it to spin free from the flywheel when the starter is engaged, and the engine will not turn over. In most instances the separation has occurred during the initial starting sequence or after very limited use.

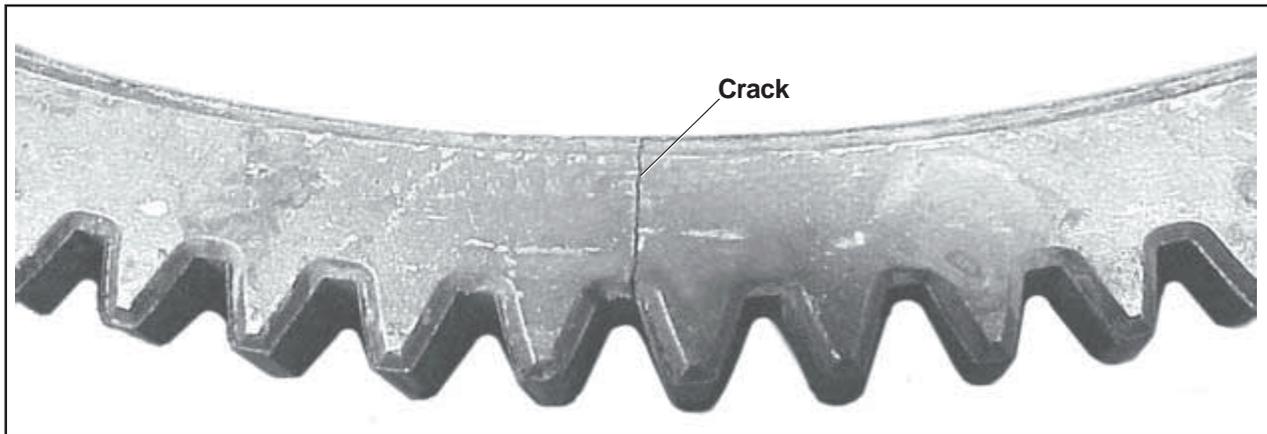


Figure 1. Example of Cracked Flywheel Ring Gear.

If you have a situation of the starter engaging but not cranking the engine over on a unit within the serial numbers listed, check to see if the ring gear has cracked and separated.

Replace the flywheel on any unit where this has occurred, as the ring gear is not serviced separately. At the same time, inspect the starter pinion for any damage and replace it as required. Normal warranty terms will apply.

Powdered metal ring gears and all steel ring gear flywheels on Courage series engines after the serial number range listed, are not affected.

Routing	Service Manager	Sales Manager	Parts Manager	Chief Mechanic	Mechanic No. 1	Mechanic No. 2	Mechanic No. 3	Mechanic No. 4	Return This To
Initial Here									