



LIGHTNING

SERVICE BULLETIN No.007

Circulate to listed addressees.

PRODUCT MODEL	: CCS Lightning
BULLETIN TYPE	: Manufacturing Correction
MANUAL / SECTION	: Workshop Manual – Section 7
PARTS LIST REVISION	: N/A
EFFECTIVE DATE	: July 12, 2006
SUBJECT	: Generator Alignment
UNITS AFFECTED	: Any units purchased prior to July 1, 2006.
PARTS AFFECTED	: 1058994 – Generator bearing housing
TERMS & CONDITIONS	: N/A

DESCRIPTION:

The APU generator housing alignment may require adjustment. It is recommended **all** units be inspected and corrected if necessary.

Service personnel: Please read, initial and circulate.

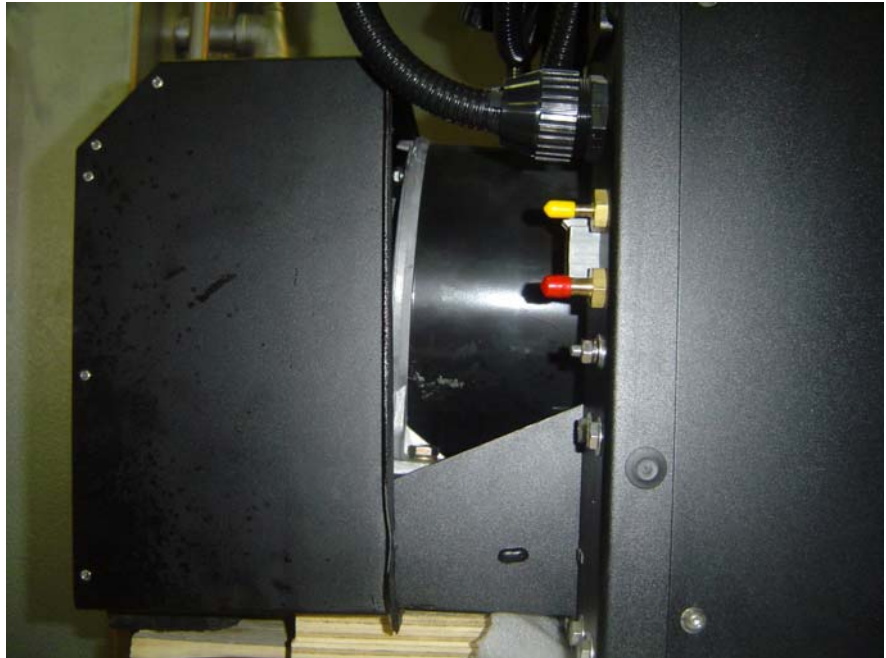
Service Manager	Parts Manager	Warranty administrator	Workshop Foreman	Service Technician

SYMPTOMS

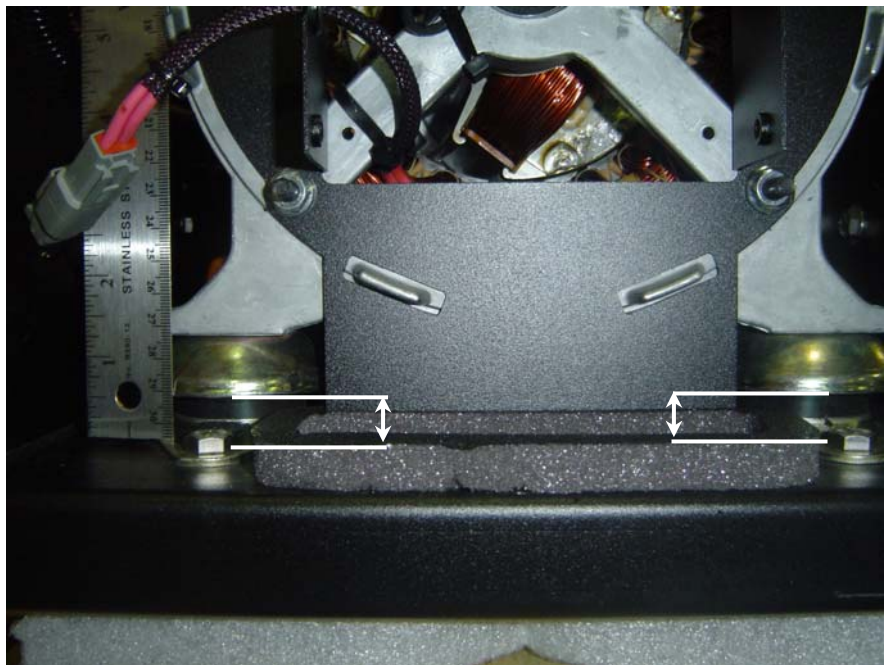
- Broken generator bearing housing
- Excessive vibration
- Torn vibration mount

INSPECTION

1. Remove 1069103 alternator cover assembly:



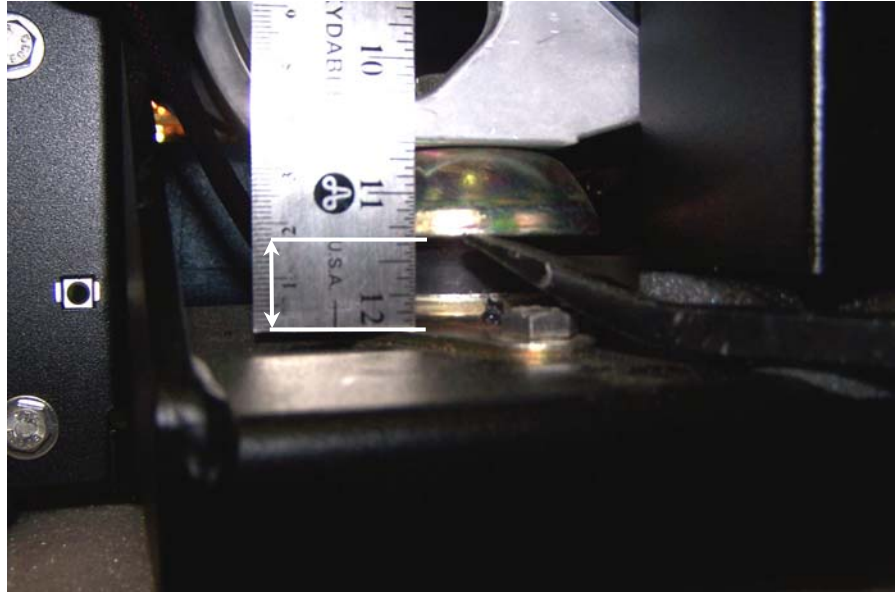
2. Measure and compare the isolator height by using a ruler to measure the distance from the bottom of the isolator cup to the base of the isolator (as shown). Compare the measurement between left isolator and right isolator.



If measurement differs by more than 1/16", proceed to 3. If not, install cover (no fault).

CORRECTION

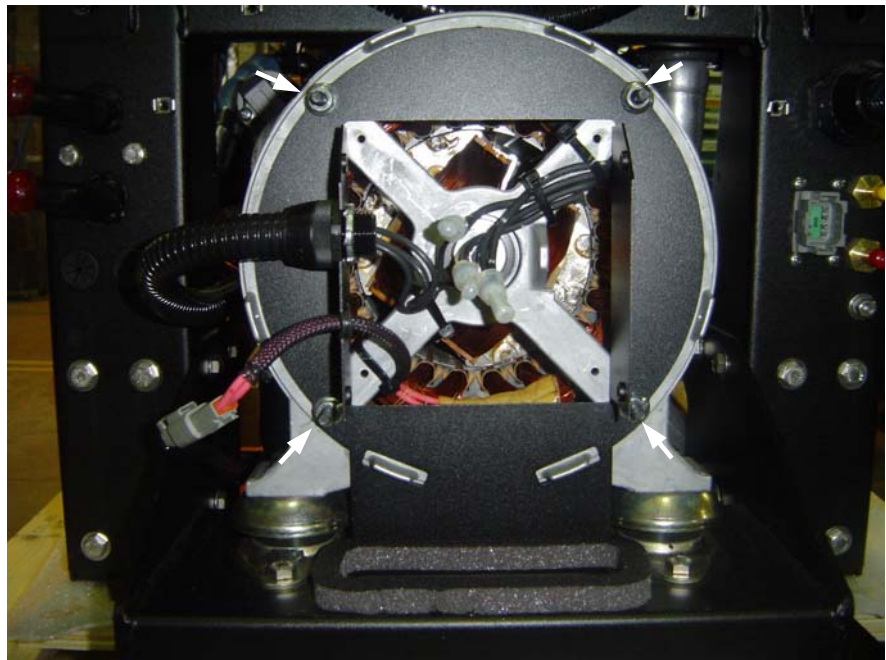
3. Verify the condition of the vibration isolator by using a pry bar. Pry up on the metal cup of the isolator. You should not be able to increase the height of the cup more than $11/16$ " (measured from the base of the isolator):



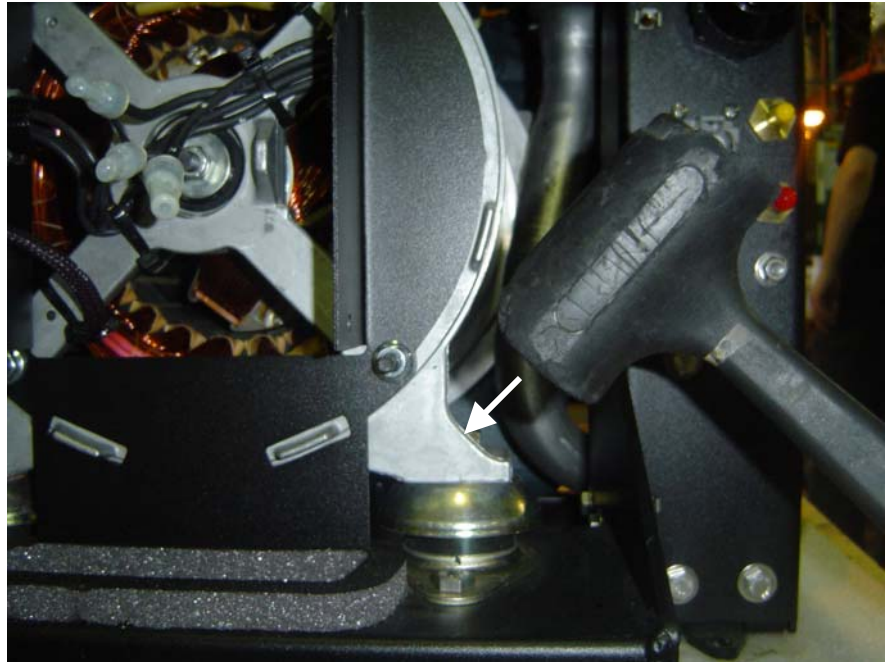
If prying on the cup increases the measurement by more than $11/16$ ", the isolator is defective and must be replaced.

Note: *The rubber is not bonded to the cup so the separation is normal.*

4. Loosen (four) nuts 1062531 that hold the Generator bearing housing.



5. Using a dead blow plastic mallet, tap the generator bearing housing on the high foot until alignment is within specification.



6. Tighten generator bearing housing nuts to specified torque and install covers.