

## AC 1 failure on generator display

**Question** My generator display shows "AC-1 failure" what can be the cause

**Answer cause:**

Generator AC output is below 205V or above 253V for 230V generator (100V and 125V for 117V generator)

**Check:**

Perform a service start from the service menu. Monitor the AC voltage and frequency at no load in the display or measure these values on the AC output terminals.

**Solution:**

When frequency is within limits but voltage is below 205V (100V), this is most likely caused by one or more capacitors which have lost specifications.

For replacement capacitors the generator serial number is needed to determine the correct set up from the test report

More detailed information can be found in article 000001033 Workshop manual alternator.