

N8129M

Total Loss Aircraft Fire



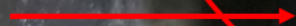
- Two sections of the generator wire are believed to have shorted to ground
- Slide 3-7 are related to area 1. This is [REDACTED] secondary damage from the initial short to ground.
- The wire arced against a worm clamp and the fuel drain line coming off the rear cylinder.
- Slide 8-11 is [REDACTED] the initial grounding point of the generator wire.
- The clamp on the structure side is melted and arc damage is present on the area it is mounted.
- The clamp on the wire side appears oversized [REDACTED]

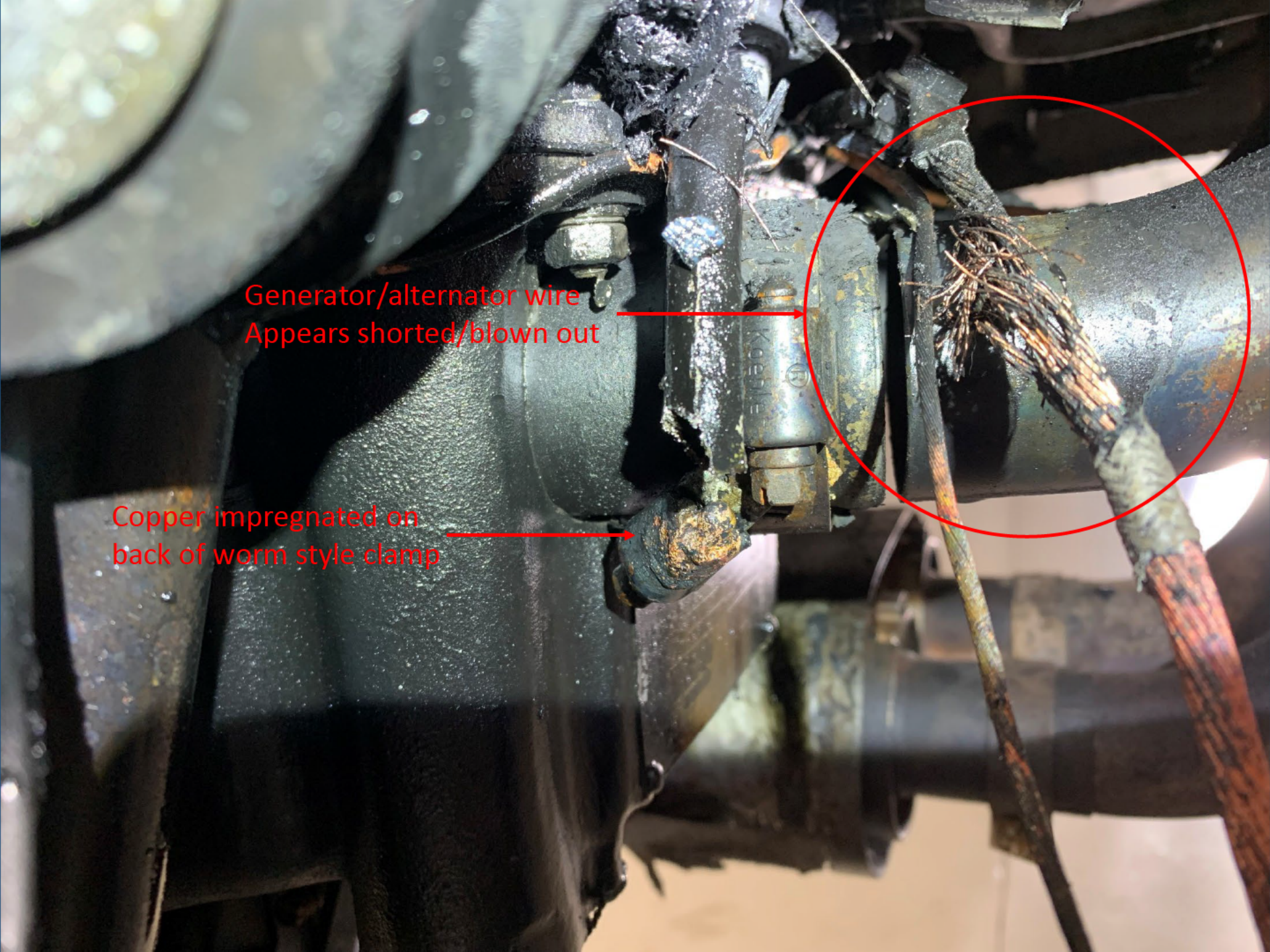






Copper impregnated on
back of worm style clamp.





Generator/alternator wire
Appears shorted/blown out

Copper impregnated on
back of worm style clamp

Removed for inspection



Same generator wire aft
of previous photos. Clamp
on structure side is melted.
Clamp on wire side appears
oversized and shows signs
of arc damage.



Same clamp as previous. Arc damage is present on wire side of the clamp. Melted sections of structure side of clamp can be seen below.



Clamp attach point. Pitting is [REDACTED] arc damage from the generator wire shorting to ground.



Same clamp attach point/damage

