

Advisory Wire

REFERENCE NO:	AW300-32-0255, Rev. 01	INFORMATION TYPE:	Maintenance
ATA:	32-61	EFFECTIVITY:	Challenger 300 (20003 – 20500) Challenger 350 (20501 – 20999)
SUBJECT:	Data collection for the PSEU Failure		

1. REFERENCES:

- 1.1. Challenger 300 - AIPC 32-61-19-09 Rev 61
- 1.2. Challenger 350 - AIPC 32-61-19-09 Rev 19

2. INTRODUCTION:

This revision is to inform Operators of the revision of ref. 1.1 and 1.2 Aircraft Illustrated Parts Catalogs (AIPC) that have been released to introduce new Proximity Sensor Electronic Units (PSEU) part numbers 30227-0404, 30227-0405, 30227-0406 and 30227-0503. The new PSEUs introduce modified hardware to correct internal failures that are due to solders cracking on the internal power supply.

3. DESCRIPTION:

Bombardier no longer needs to collect the previously requested technical data in regard to the PSEU (all Part Numbers) issues in service. With the data already collected, the root cause of the PSEU failures has been determined. Thank you to all who took the time to provide data.

4. ACTION:

There are no actions for Operators to take other than being aware that the ref. 1.1 and 1.2 AIPCs were released on December 3, 2018. Aircraft that are exhibiting PROX SYS FAULT EICAS messages associated with a confirmed internal failure of the PSEU will be replaced by attrition with the latest part numbers.