

ADVISORY WIRE

You.
First.

Reference No AW300-49-0268

INFORMATION TYPE: Maintenance

ATA: 24-31

EFFECTIVITY

Challenger: 300 – 20003 – 20500

Challenger: 350 – 20501 – 20999

SUBJECT: Potential damage to the Auxiliary Power Unit (APU) Low Oil Pressure Switch Wire

1. REFERENCES:

1.1. None

2. INTRODUCTION:

The wire for the APU Low Oil Pressure (LOP) switch part number 3876001-8 has been found pinched between the Generator V-clamp and the Quick-Attach-Detach (QAD) coupling.

3. DESCRIPTION:

During a recent installation of an APU generator, the LOP switch wire was hanging too low and was caught between the Generator V-Clamp and the QAD coupling. This condition can damage the wire and result in a false low oil pressure CAS messages. Refer to Fig 1.

4. ACTION:

When installing APU Generator part number A3579-101/102, make sure that the surrounding wiring is properly secured and out of the way, paying particular attention to the LOP switch part number 3876001-8 wire located just above the generator. It is advised to use a mirror and inspect the top portion of the APU Generator to make sure that no wiring has been caught between the Generator V-Clamp and the QAD coupling.

Associated AMM Task 24-31-09-400-801 will be amended to reflect this caution.

ADVISORY WIRE

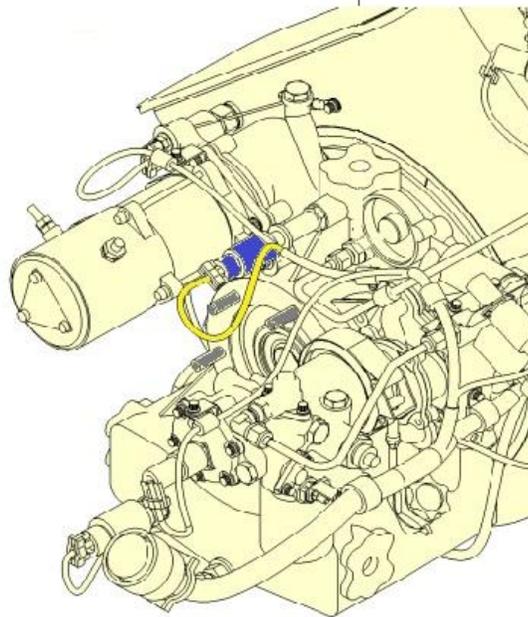


Figure 1

LOP switch wire pinched at the APU Generator interface flange