

INFORMATION NOTICE

NUMBER: 600870-000012
 SUBJECT: VISION 1000 POWER HARNESS CONNECTORS
 COMPLIANCE LEVEL: INFORMATION ONLY
 DATE: 2/19/2014

1 Planning Information

A. Effectivity

(1) Unit Applicability

MODEL DESCRIPTION	APPAREO PART NUMBER	VERSIONS AFFECTED
Vision 1000	150575-000003 150575-000007 150575-000008 153025-000010 153070-000005	All

(2) Aircraft Affected

MODELS AFFECTED
All

B. Reason

Appareo is issuing this Information Notice to describe how to correctly connect the power harness to the Vision 1000 and how to properly disconnect the power harness. Appareo has received several reports of broken power harness connectors in the field. The majority of the damage to the Vision 1000 power harnesses has been caused by misuse or mishandling.

Broken power harnesses render the Vision 1000 inoperable and require costly repair and potential aircraft downtime. Follow proper handling procedures can prevent this expense and aircraft downtime.

Appareo strongly recommends that this information notice be provided to any personnel who will or could perform any maintenance on aircraft installed with the Vision 1000. This information can be found on our website www.appareo.com/support or additional copies can be requested from Appareo's support department. Contact information for Appareo's support department can be found on the last page of this document.

C. Description

(1) Proper handling when connecting the power harness to the Vision 1000

1. Line the white dot of the Vision 1000 power harness with the white dot on the P1 port of the Vision 1000, as shown in Figure 1, before connecting.



Figure 1: Line up the white dots on the power harness connector with the Vision 1000 P1 port. The white dots are circled in red.

2. Push the power harness directly onto the Vision 1000 P1 port until the power harness is securely connected to the port. You should hear and feel the power harness snap into place and lock onto the Vision 1000 P1 port.

(2) Proper handling when disconnecting the power harness from the Vision 1000

1. Squeeze the flat sides of the power harness connector, called out in Figure 2, towards the Vision 1000 P1 port.

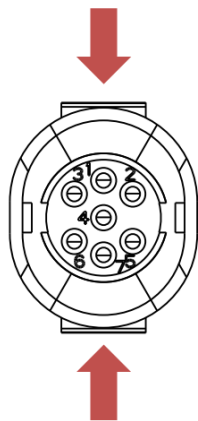


Figure 2: Squeeze the flat sides of the power harness connector together when removing it from the Vision 1000

2. Pull the power harness straight off of the Vision 1000.

WARNING: Do not bend, twist, or screw the power harness connector. Doing so can damage the Vision 1000 P1 port or power harness connector. If the power harness's strain relief is unscrewed from the rest of the power harness, as shown in Figure 3. Strain reliefs not in the correct position on the power harness can cause the power harness pins to become misaligned, as shown in Figure 4. Power harnesses with misaligned pins cannot correctly connect with the Vision 1000 P1 port.



Figure 3: The strain relief (circled in red) unscrewed from the power harness



Figure 4: Misaligned power harness pins, caused by an unsecured strain relief on the power harness

If you have any questions or if your power harness has become damaged and requires repair, please contact Appareo Support for assistance.

Appareo Support Contact Information:

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