SERVICE BULLETIN

Protective Measure

Inspection of Sub-D Wing Connector

Applicability:

Model	Vector / Scorpion
Version	Non Skynode, Skynode
Affected SN	All
Affected Components	1. Main Fuselage Female Sub-D Connectors 2. Inner Wing Male Sub-D Connectors 3. Main to Rear Fuselage Female Sub-D Connector (Main side) 4. Rear Fuselage Male Sub-D Connector 5. Male Sub-D Connector

Summary:

This service bulletin serves as an instruction to check the D-Sub connectors on the main and wing side.

Compliance:

Quantum-Systems recommends compliance with this Service Bulletin.

Important Information:

If any of the following damages are found on a Sub-D connector, please do **NOT** fly this Vector or Scorpion and inform Quantum-Systems Support immediately.

Quantum-Systems recommends visually checking the connectors for correct fit prior to each flight to increase safety.

Legend:

	*Work to be performed*
	*Tools required*
	*Additional information*

1. Main Fuselage Female Sub-D Connector

	Visually inspect the pins for wear, debris, or discoloration. If a pin has been pushed into the connector, the aircraft should no longer be used.
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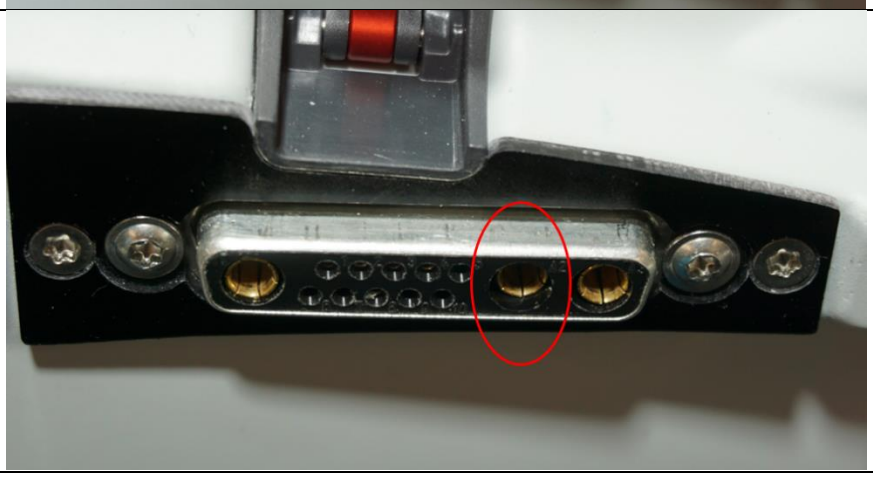
	Don´t push or put something inside the pin. There is a high risk of damaging it. Only visual inspection.
	The whole Sub-D connector on the main fuselage side must be floating. It is designed to move within the black carbon frame.

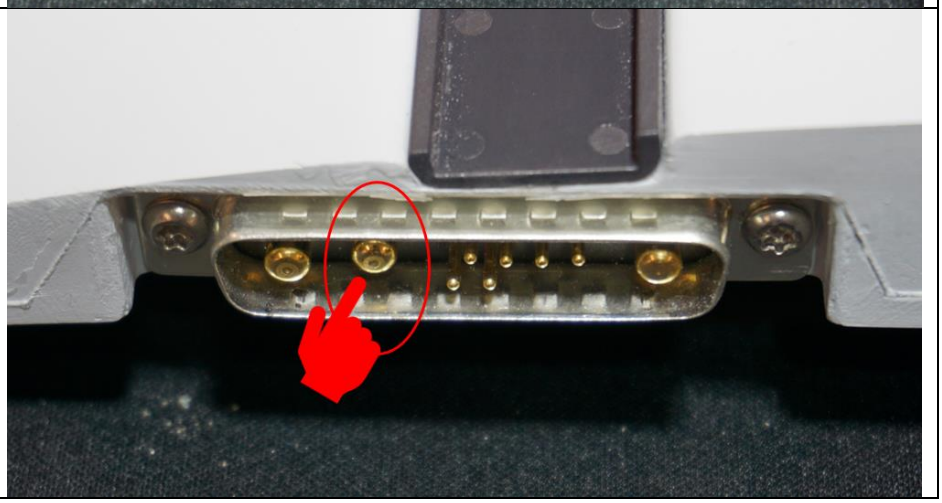
Use the following photo documentation as a reference when inspecting the Sub-D connectors.

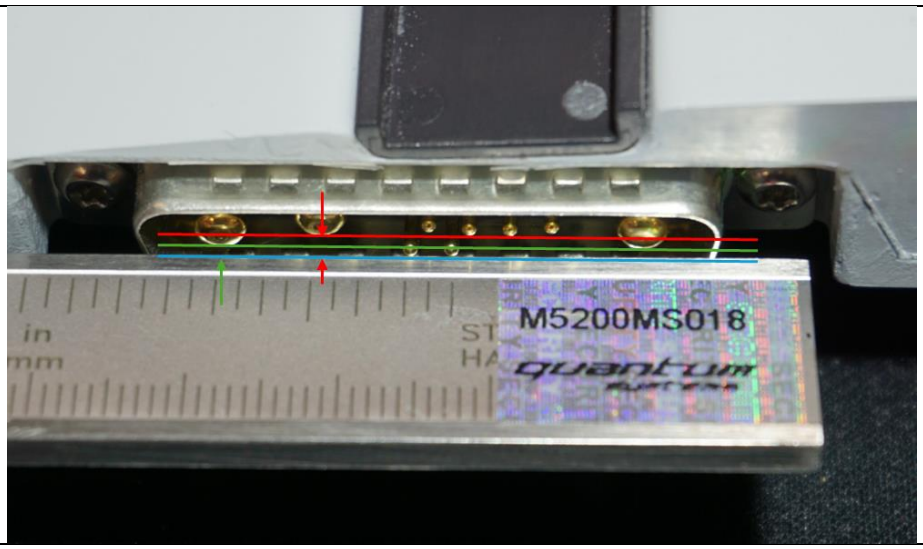
	
	

2. Inner Wing Male Sub-D Connectors

	Inspect the pins for wear, debris, or discoloration. Use a blunt, non-metallic object and press carefully on the large high-voltage pins. If a pin has been pushed into the connector, the aircraft should no longer be used.
	- Blunt, non-metallic object. - Ruler to estimate the correct depth.
	The pin must not move inward but must have some lateral play.
	Don´t damage or bend one of the slim pins.

Use the following photo documentation as a reference when inspecting the Sub-D connectors.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3. Main to Rear Fuselage Female Sub-D Connector (Main side)

	Visually inspect the pins for wear, debris, or discoloration. If a pin has been pushed into the connector, the aircraft should no longer be used.
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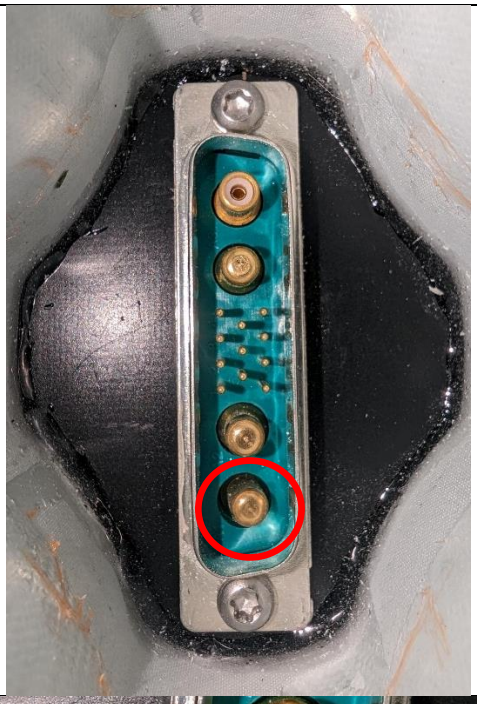
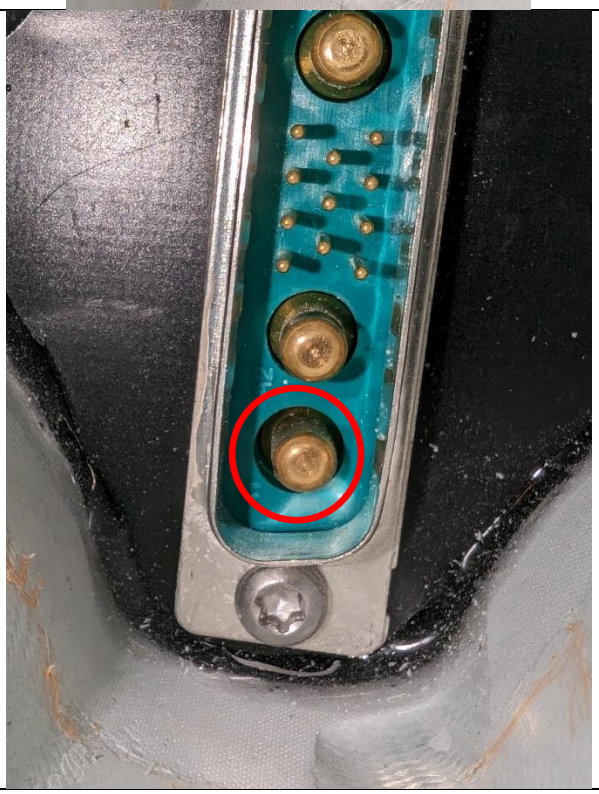
	Don´t push or put something inside the pin. There is a high risk of damaging it. Only visual inspection.
	The whole Sub-D connector on the main fuselage side must be floating. It is designed to move within the black carbon frame.

4. Rear Fuselage Male Sub-D Connector

	Inspect the pins for wear, debris, or discoloration. Use a blunt, non-metallic object and press carefully on the large high-voltage pins. If a pin has been pushed into the connector, the aircraft should no longer be used.
	- Blunt, non-metallic object. - Ruler to estimate the correct depth.
	The pin must not move inward but must have some lateral play.
	Don´t damage or bend one of the slim pins.

✗		
✗		

5. All Male Sub-D Connector

	Visually inspect the pins for burnt spot. If a pin or the plastic housing of the connector has been damaged, the aircraft should no longer be used.
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