

Tri-jet Fuel Pump Connector



Crane's fuel pump housing connector (PN 60-843504) for the DC-10/MD-10/KC-10/MD-11 fleet is now qualified by Crane and Boeing.

Installation of the new connector extends the required repetitive on-wing inspection from 18 to 24 months. Fuel pump inspections can now be included in a regular aircraft heavy check instead of as a separate inspection every 18 months – meaning significant time, labor and cost savings for aircraft operators.

Installing both the connector and a fault current detector (required in AD 2013-08-23) completely eliminates the separate inspection requirement, along with the risk of costly fuel pump damage and repair for operators. A Crane Service Bulletin (60-843/845-28-2) and two Boeing Service Bulletins (DC10-28-264 and MD11-28-146-00) with further installation details are available now.

Robust Connector Design and Manufacturing Backed by Exhaustive Testing

- Improved solderability and sealing to prevent moisture intrusion
- Viton compound over-mold for enhanced compatibility to fluid and environment exposure
- Reliability improvements verified through Highly Accelerated Life Testing (HALT)

Availability

- Fuel pump housing connector available to order now
- Crane Service Bulletin 60-843/845-28-2 available now
- Boeing Service Bulletins DC10-28-264 and MD11-28-146-00 available now

	New Tri-jet Connector	Aircraft Benefits
Robust Design	<ul style="list-style-type: none"> • Improved potting process • Redundant sealing 	<ul style="list-style-type: none"> • Elimination of moisture intrusion from multiple entry points
Extensive Qualification & Reliability Testing	<ul style="list-style-type: none"> • Intensive stress testing that far exceeded original qualification requirements 	<ul style="list-style-type: none"> • Improved reliability and more robust design over previous-generation connectors
AD Compliance	<ul style="list-style-type: none"> • Eliminates repetitive inspections when installed with fault current detector required in AD 2013-08-23 • Extends repetitive inspection required by AD 2002-13-10 / AD 2011-11-05 from 18 to 24 months 	<ul style="list-style-type: none"> • Eliminates risk of fuel pump damage during repetitive inspection • Saves time, labor, and cost of 18-month inspections

End the 18-month inspections for good by installing the new tri-jet fuel pump electrical housing connector! Contact your local Crane representative today for program information or to coordinate your upgrade schedule for your tri-jet fleet.



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