

T700 ENGINE

PARTICLE SEPARATOR FRONT FRAME

COLD SPRAY REPAIR SERVICE

Moog has developed and qualified a Cold Spray repair for the T700 engine Front Frame. The contact surface between the inlet guide vane spindle and the front frame housing is prone to corrosion and wear. Moog's repair allows the surface to be restored and re-machined to original specifications, thereby allowing a significant number of parts to be salvaged and returned to service. Moog has been approved by the US Army, Aviation and Missile Command (AMCOM) to offer and perform these services for all users of the T700 engine, which is being used on numerous aircraft across all U.S. service branches as well as in 50 countries.

PRODUCT DETAILS

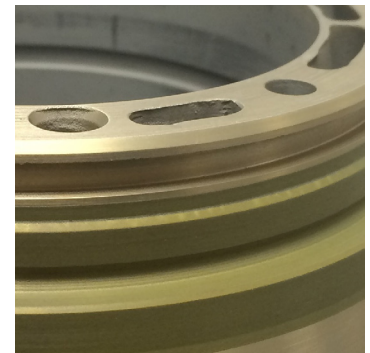
Description	OEM P/N	NSN
Front Frame	6039T65G03	2840-01-143-9995

CONFIGURATION DETAILS

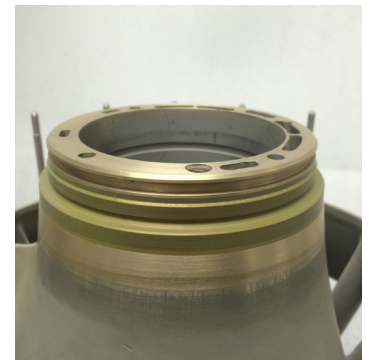
- Cost effective repair in accordance with U.S. Army Maintenance Engineering Order B 1718
- Significant savings in cost and improved turnaround time, versus purchase of a new component
- A turnkey repair (pre-machining, cold spray, post-machining, and complete documentation)
- Work performed by ASM International certified operators with extensive Cold Spray experience
- Cold Spray repair provides expanded repair limits beyond those of any other repair type



Corroded Part



After Cold Spray Repair



T700 Front Frame Assembly
after Cold Spray repair