

THE JUNIPER GENx 1B & 2B ENGINE WASH PROBES

JMP/GENx/D/6698

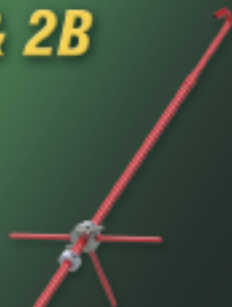
GE Part no: 11C4308P02

*Long and *short probe combination set
(Supplied as set of two)*

Fitment Guide

*** When installing the short probes
separately, please refer to the
GENx 1B & 2B Short Probe
Fitment Guide.**

JMP/GENx/D/6783



AIRCRAFT SERVICE EQUIPMENT



The GENx 1B & 2B long and short engine wash probe combination set

Juniper part no: JMP/GENx/D/6698

GE part no: 11C4308P02

When using the wash probes in their short probe configuration, assemble as illustrated below.

Overall length:
3900mm (154")

- Quick release male Tema plug
- Adaptor: $\frac{3}{4}$ " BSP x $\frac{3}{8}$ " BSP
- $\frac{3}{4}$ " BSP Dowty seal
- $\frac{3}{8}$ " BSP Fibre washer

'Spider bracket'
to be removed and stowed when
using short probe configuration.

The following additional
equipment is supplied to
convert the probe's 'front'
section into a short probe.

- **Spacer set**
- **Cowling clamp assembly**
- **Swivel bracket**
- **Locking screw**
- **Quick release male Tema plug**
- **$\frac{3}{4}$ " BSP Dowty seal**
- **$\frac{3}{8}$ " BSP Fibre washer**

Swivel bracket

Locking screw

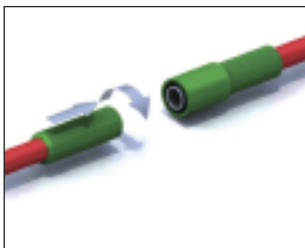
Optional
spacers
(see right)

Clamp assembly
complete with pennant

101.6mm
(4")
spacer

50.8mm
(2")
spacer

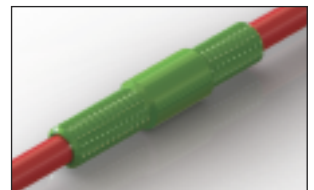
STEP 1: Assembling the probes



Connect probe halves by
screwing together,
ensuring a tight fit.



The screw connections
require occasional
greasing with an anti-seize
compound such as
Copaslip™ or equivalent
grease. Take care not to
get any compound in the
bore of the connector.



Probes are supplied in
sets of two and are
identified by a red
connection (port side)
and green connection
(starboard side).

STEP 2: Probe fitment

Caution: Ensure that the engine fan is held securely during the fitting of the engine 'j' hook probes.



Short probes
(2 & 10 o'clock)



Long probes
(3 & 9 o'clock)

Each probe to be inserted and fitted on the engine (short probes at approximately **2 & 10 o'clock**, positions and long probes at **3 & 9 o'clock** positions) so that the probe 'j' hook fits over the booster / fan splitter.

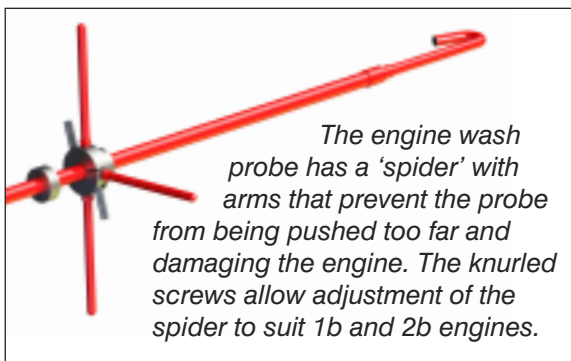
Guide the probes (long or short configuration) through the fan outlet guide vanes (ogv's) from the aft end, at the positions indicated above, aft looking forward.

Put the probes over the booster/fan splitter so that the tips point between the booster inlet guide vanes into the booster and attach clamps. (See STEP 3 for clamping instructions).

Connect the twin hose assembly (provided with all compressor wash rigs) to both of the engine probes, making sure that the probes are attached securely to the engine with the hoses attached.

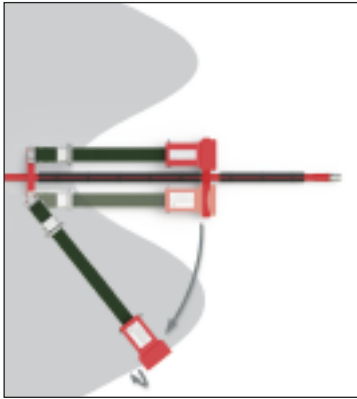
Connect delivery hose from the wash rig to the twin hose assembly.

Please refer to the relevant AMM for flow rate information.

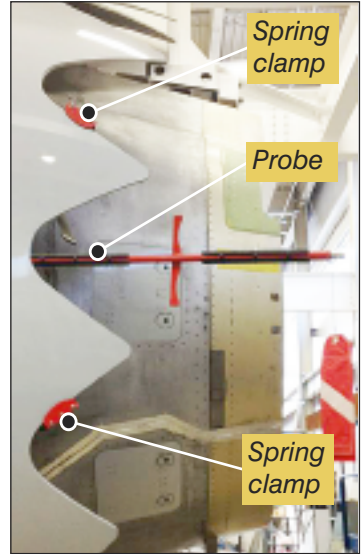


Note: Images used in this guide are for illustrative purposes only and may not accurately represent the equipment in question.

STEP 3: Securing the Spring Clamps



Spring clamps prevent over-tightening when fitting each probe.



Once the probes are positioned into the engine, unfasten the spring clamps from their stowage position as shown, attach to the translating sleeve and tighten to secure the probe in place.

Delivery hose selection



When using GENx 1B and 2B engine wash probes, turn the three way selector to position 'A' this ensures selection of the 3/4" bore delivery hose.

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