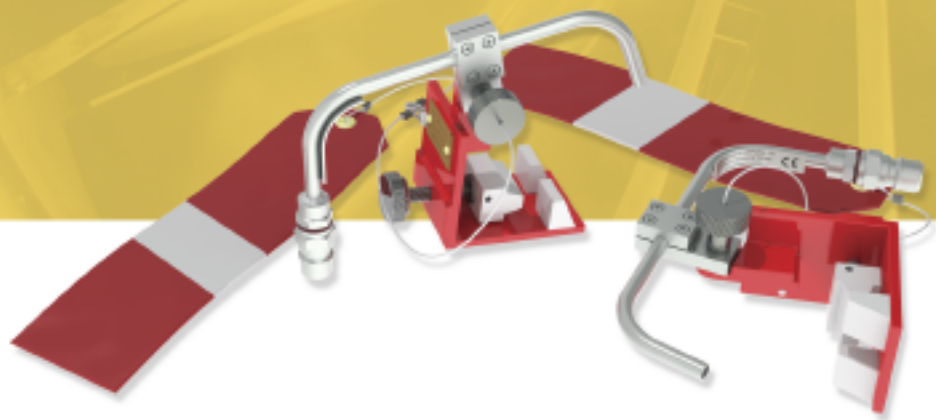


**THE JUNIPER  
CF34-8C/E SHORT ENGINE  
WASH PROBES**  
**JMP/CF34/D/6553**

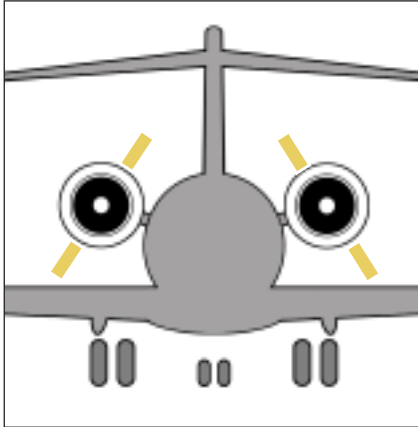
*(Supplied as set of two)*

**Fitment Guide**



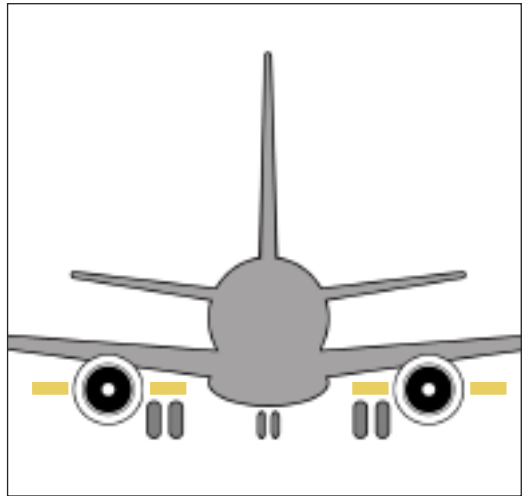
**PROBE POSITIONING:** Correct position by aircraft type.

**Bombardier CRJ700,  
CRJ900, CRJ1000 and  
Challenger 870 and 890**



Seen from the rear of the aircraft, the Port (left hand) engine has the probes positioned at **11.00** and **5.00 o'clock**, and the Starboard (right hand) engine has probes positioned at **1.00** and **7.00 o'clock**.

**Embraer 170 and 175**



Seen from the rear of the aircraft, both engines have the probes positioned at **9.00** and **3.00 o'clock**.

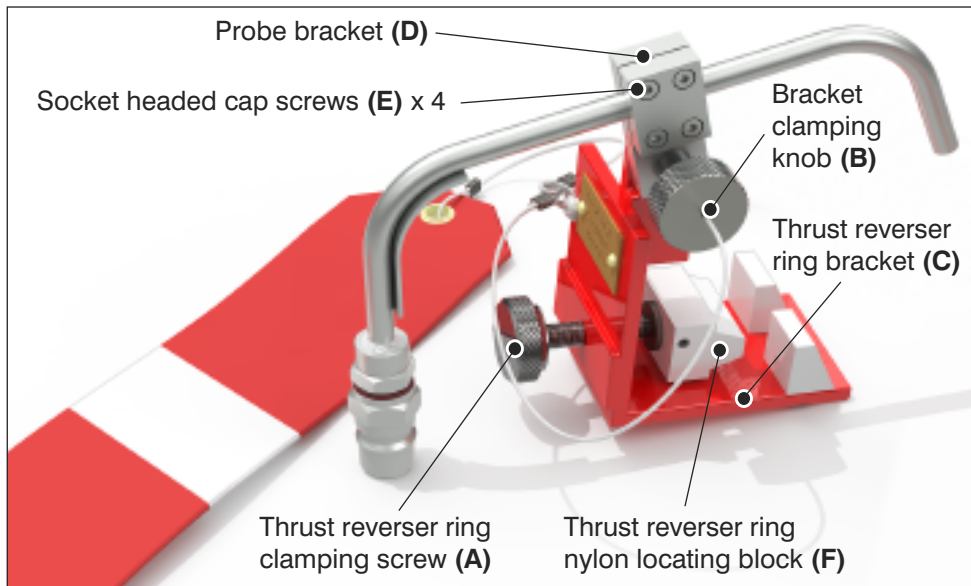
Juniper's high capacity compressor washing rigs



**The 2x25 gallon rig**  
(JMP/CFM56/D/4777/C200)  
NSN 1730-99-668-7936

**The 2x50 gallon rig**  
(JMP/LUFT/D/4972/C500)

## Probe fitment to engine.



When fitting the probes, unscREW the clamping knob (B) and remove the probe tube before positioning the bracket.

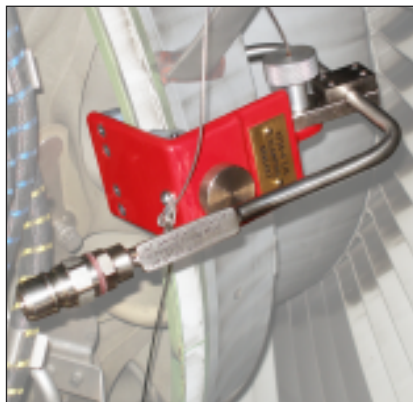
Loosen clamping screw (A) sufficiently for the nylon locating block (F) to clear the outer lip of the thrust reverser door ring and locate bracket (C), gently tightening clamping screw (A) when in position (see overleaf for correct probe position by engine type).

Position the probe in the booster inlet (as shown in the photo right), then re-attach the probe tube to the bracket and gently tighten the bracket clamping knob (B)

**Note:** It is unlikely that the probe tube will need repositioning within its bracket (D), but should any adjustment be required, slacken off the socket headed cap screws (E) using the allen key provided and re-tighten when the tube is correctly positioned.



*The CF34-8C/E probe correctly positioned on the CF34-8E engine fitted to an Embraer 170 aircraft.*



The CF34-8C/E probe shown in position on the CF34-8C engine fitted to a Bombardier CRJ900 aircraft.

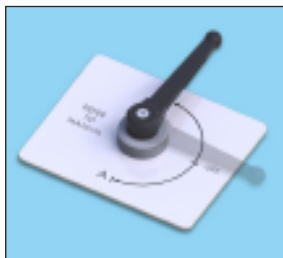
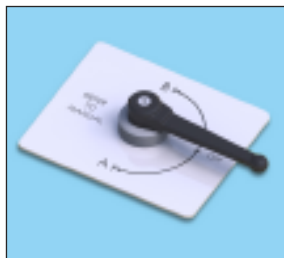
Connect the twin hose assembly (provided with all compressor wash rigs) to both of the engine probes, making sure that the probes are attached securely to the engine with the hoses attached.

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

**Note:** To make the job of positioning the wash rig easier, an optional 20ft. delivery hose extension is available when using these probes on tail mounted engines.  
Part number: JMP/CF34/A/6569

**Probe installation is now complete.**  
Please refer to the relevant AMM for flow rate information

### Delivery hose selection



When using CF34-8C/E engine wash probes, turn the three way selector to position 'B' this ensures selection of the 1/2" bore delivery hose.

**Please refer to the relevant AMM for correct flow rate information.**

### Contact details



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**Also At:**

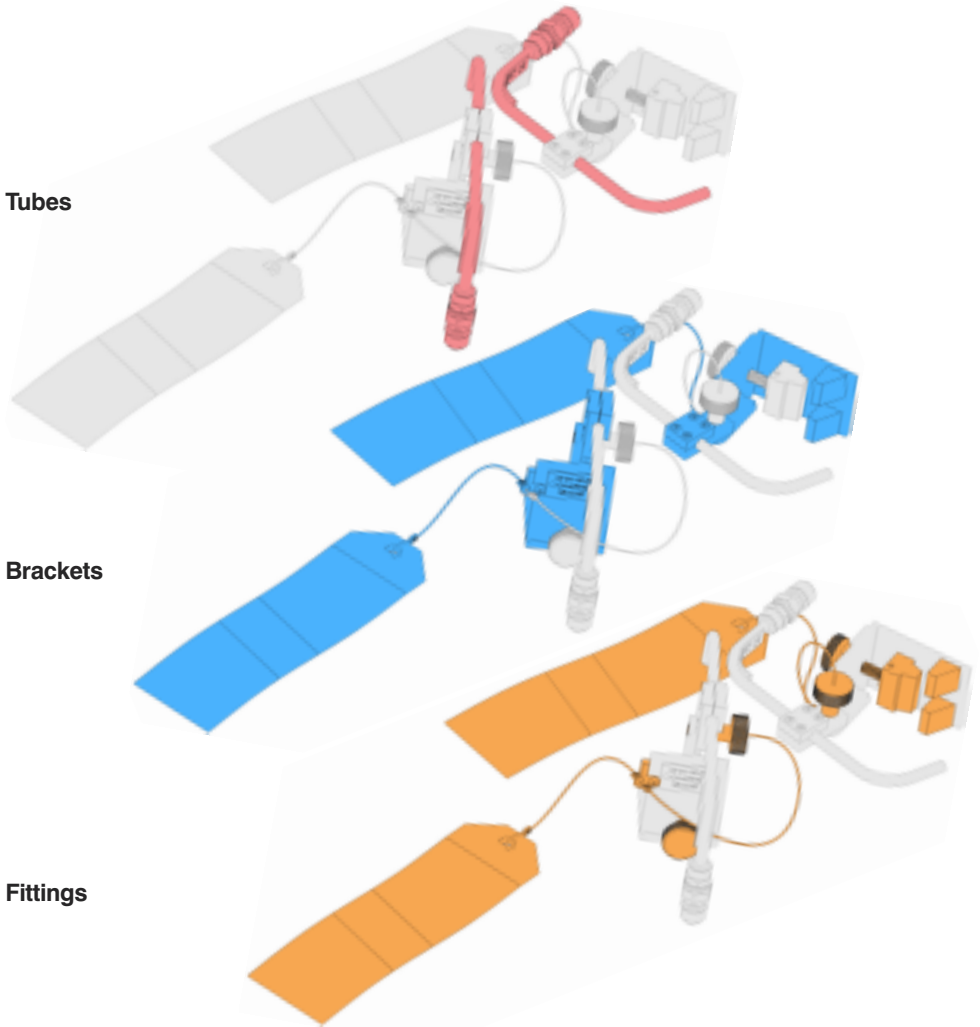
Ash House, Prenton Way, North Cheshire Trading Estate,  
Wirral CH43 3DU, United Kingdom



Contractors to  
H.M. Government Departments  
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**PROBE SPARES:** Each kit contains replacement parts for a set of two probes.

Replacement **tubes**, **brackets** and **fittings** kits are available for these wash probes. The **tubes (red)** kit consists of the welded tube assembly with red vinylastic coating, ID plate and Tema quick-release coupling. The **bracket (blue)** kit consists of clamping brackets, warning pennants and talurit cables. The **fittings (orange)** kit consists of clamping knobs, warning pennants and talurit cables. The part numbers for each kit is below.



Probe tubes kit	JMP/CF34/D/6553/TUBES
Probe brackets kit	JMP/CF34/D/6553/BRACKETS
Probe fittings kit	JMP/CF34/D/6553/FITTINGS