

# **THE JUNIPER TRENT 500 SHORT ENGINE WASH PROBES**

**JMP/TRENT/D/6188**

*(Supplied as set of two)*

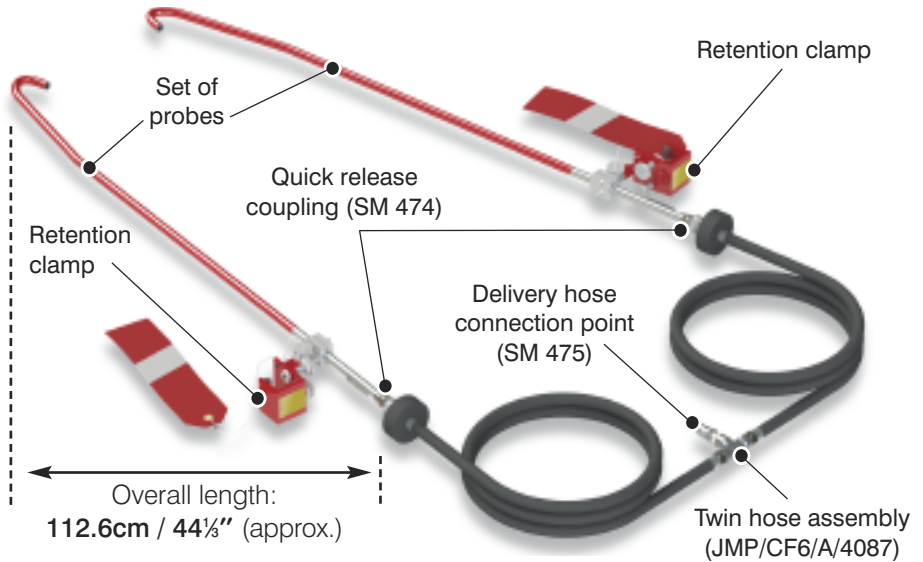
## **Fitment Guide**



**AIRCRAFT SERVICE EQUIPMENT**



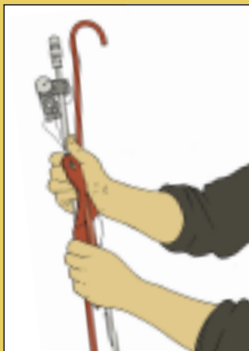
**PROBE ASSEMBLY:** Main points and connection to twin hose assembly.



**PROBE CARE:** Looking after your wash probes

**CAUTION:** The probes should be handled carefully and stored in the following manner to avoid damage.

When returning probes to the correct compartment in the storage box they should be placed 'top to tail' into the supplied equipment bag after draining them thoroughly.

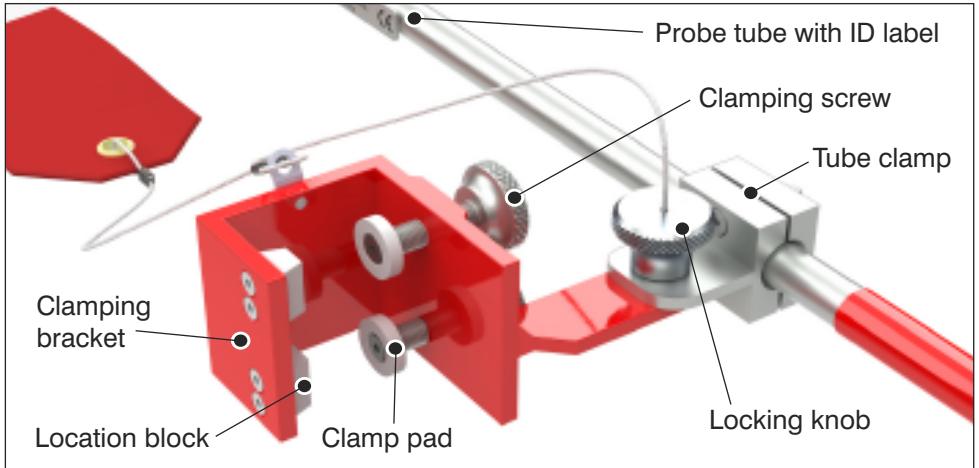


**NOTE:** Storage boxes are supplied in one of two standard sizes dependent on the size of probes ordered:

**Small:** (h) 39" x (w) 24" x (d) 15 1/2"

**Large:** (h) 48 1/2" x (w) 24" x (d) 15 1/2"

Probe fitment to engine.



**CAUTION:**

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

Separate the probe with the tube clamp from the clamping bracket by unscrewing the locking knob and then set the probe aside.

Fully unscrew the clamping screws and check that all fixings are secure. (The nylon clamp pads should be able to rotate freely but unable to rock around their retaining screws).

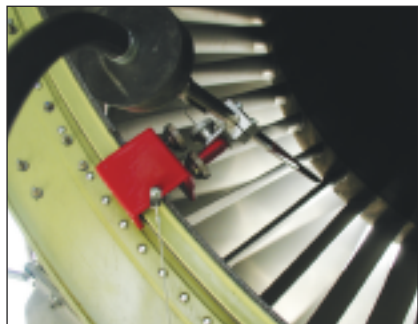


Offer up the clamping bracket to the outer thrust reverser door ring as shown in the images at approximately the **4.00** and **8.00 o'clock** positions with the locking knob stud aiming upwards.

Position the locating blocks in the channel of the ring on the outside and tighten the clamping screws until the clamp pads contact the inner face of the thrust reverser door ring.

**CAUTION:**

Do not overtighten these screws



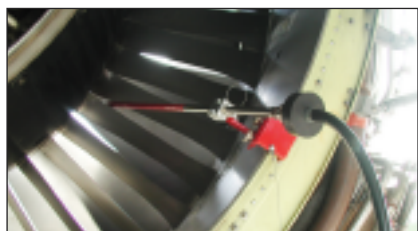
Guide the probe tube through the closest outlet guide vanes in relation to the clamping bracket and hook the 'J' hook nozzle of the probe over the Fan/Booster splitter with the tip aiming between the inlet guide vanes and into the engine core.

Locate the probe tube bracket over the stud on the clamping bracket (it may be necessary to adjust the tube bracket to achieve a suitable position).



Replace and tighten the locking knob and check clamping screws.

Connect twin delivery hose (supplied with every compressor wash rig) to each probe and check that both probes are secure.



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

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

**Note:** *The probes shown in this guide are for illustrative purposes only and are not necessarily the actual probes featured.*

## Contact details



Contractors to  
H.M. Government Departments  
Registered with ISO 9001:2015

## **A.T.Juniper (Liverpool) Limited** Aircraft Service Equipment

### **Head Office:**

Marshall Works, 5-17 Bleasdale Road, Allerton,  
Liverpool L18 5JB, United Kingdom

Tel: +44 (0)151 733 1553

Fax: +44 (0)151 734 3166

Email: [gse@juniper-liverpool.com](mailto:gse@juniper-liverpool.com)

Web: [www.juniper-liverpool.com](http://www.juniper-liverpool.com)

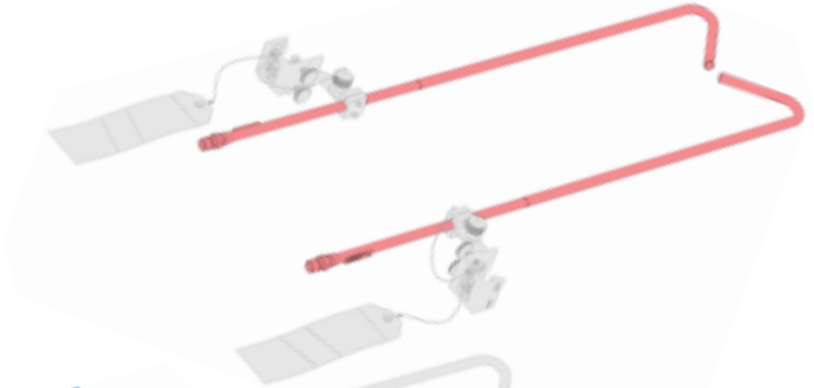
### **Also At:**

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

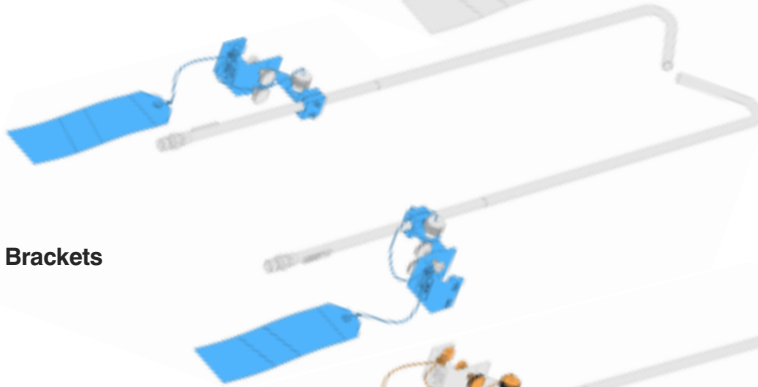
**PROBE SPARES:** Each kit contains replacement parts for a set of two probes.

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.

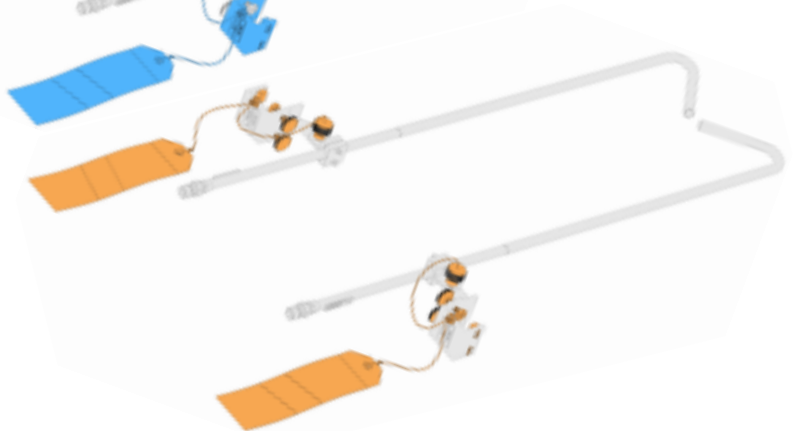
**Tubes**



**Brackets**



**Fittings**



Probe tubes kit	JMP/TRENT/D/6188/TUBES
Probe brackets kit	JMP/TRENT/D/6188/BRACKETS
Probe fittings kit	JMP/TRENT/D/6188/FITTINGS