

1) Preliminary:

Tools needed to make a brake line:

- click-type torque wrench
- fine screwdriver
- Cutter plier

2) Safety instructions:

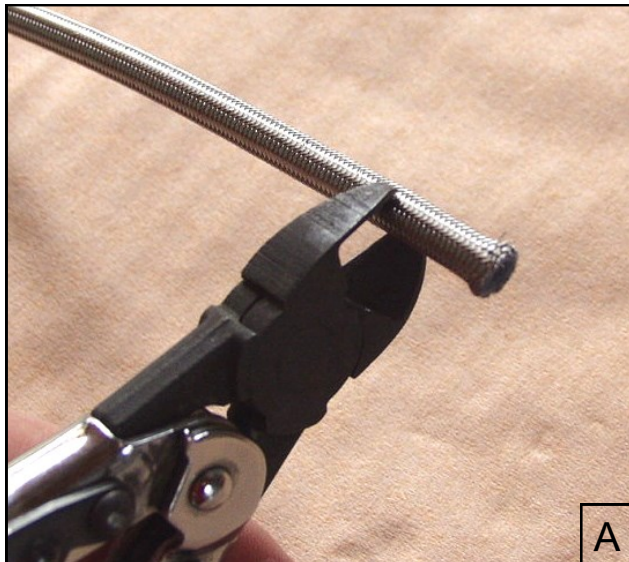
Brake lines must be made carefully. In the purpose to ensure an optimal safety of the brake system, the lines must be done as describe next.

In case of any question or problem, please contact BERINGER.

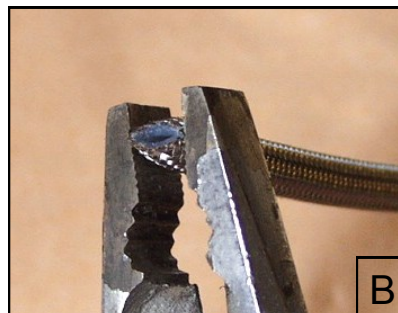
1 A banjo fitting is made of the 3 following parts :



2 Cut the hose to the required length :



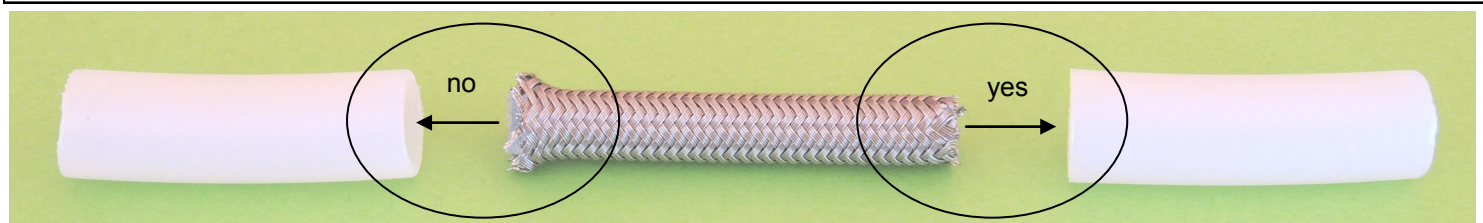
- Using a fine tooth saw blade or cutter plier, cut hose to the required length.
- Clean any loose debris from both the cut ends and inside the hose.
- Then use a flat pliers to make the hole circular, as shown on the picture below.



WARNING concerning the installation of the stainless steel braided hose in a tube or in the landing gear leg:

Due to the stainless steel braid, when you cut the hose, the two sides of the hose are not identical:

- On one side the braid retracts and it becomes easy to insert it into a tube or into the landing gear leg.
- On the other side, the braid expands and it is difficult to insert it in any tube or LG leg.

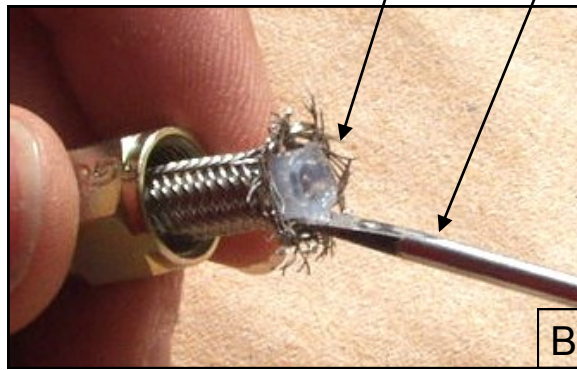


3 Push one socket over the overbraid working and flare out end of stainless steel from the PTFE inner tube.



Flare out stainless steel from PTFE tube (5mm length min.)

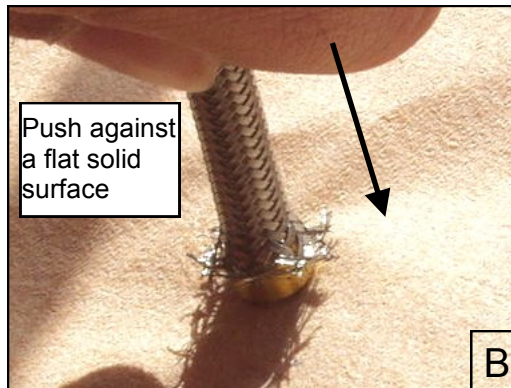
Use a fine screwdriver



4 Insert the olive

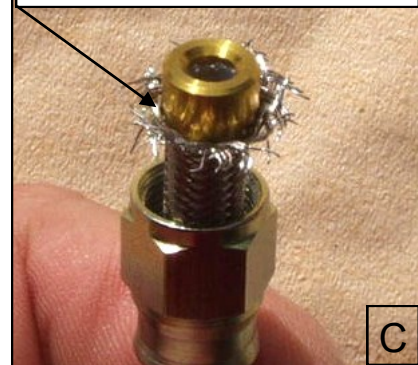


Push the olive onto the end of PTFE inner tube and under the stainless steel braid. **Make sure that all stainless steel filaments are outside of the olive.**



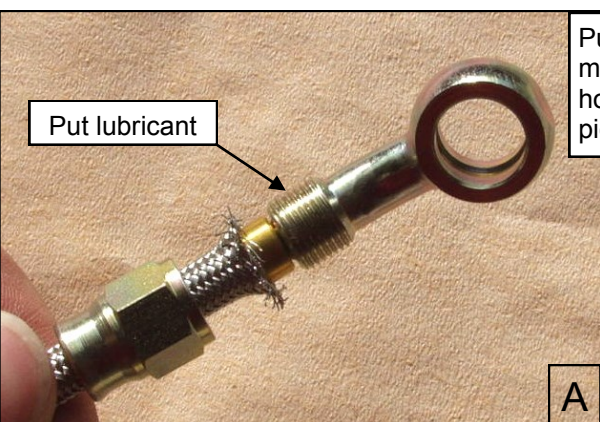
Push against a flat solid surface

PTFE tube must be in contact with the olive



Make sure that PTFE tube is fully homed in the olive.

5 Insert main fitting body



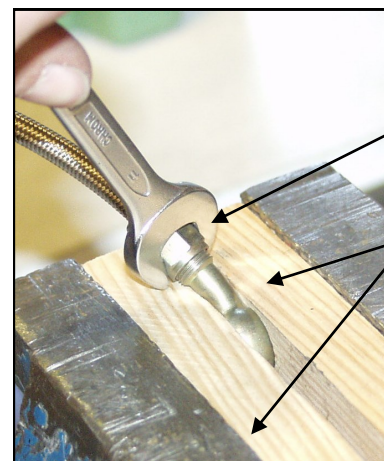
Put lubricant

Push between hands the main fitting body and hose as shown on left picture.

Turn with hand the main fitting body to start threading the socket as shown on picture below.



6 Finish tightening the socket onto the fitting



Torque tightening the socket at 10N.m to 15N.m (90 IN-LBS to 132 IN-LBS)

Maintain with wood plates to preserve the main fitting body