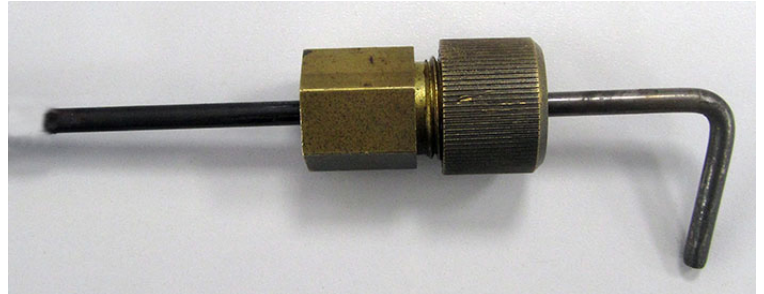


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Oil Decoke Assembly Repair Kit

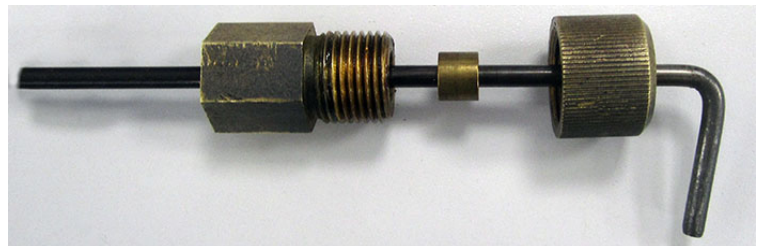
To repair the decoke assembly for the Efel and Nestor Martin oil stoves

The complete decoke assembly (part number 16149) is no longer available ,however they can be repaired if the blade end breaks off the shaft.



To remove the assembly from the burner inlet pipe. Hold the tube with mole grips or an adjustable spanner at the "T" connection where the oil feed from the valve joins the pipe. Then using a 22mm spanner undo the big brass nut from the inlet pipe. If the knurled nut has seized in place, soak the assembly in a penetrating oil or clean heating oil until it can be unwound.

Once the knurled nut has been undone, slide it back along the rod and then pull back the brass sealing bush, see picture 2.



You will then require a small flat bladed screwdriver to dig out the old rope seal gland. It may be possible to pull out the rod from the body of the assembly prior to removing the gland but sometimes the gland has to be removed first.

Lay the rod next to the new rod and mark the length on the new rod and then add 35mm for the bend before cutting it to length.

DO NOT BEND THE ROD AT THIS POINT.



Slide the new rod through the body of the assembly making sure that the blade end is at the threaded end of the assembly. Slide the brass sealing bush and knurled nut over the rod so it looks again like picture 2.

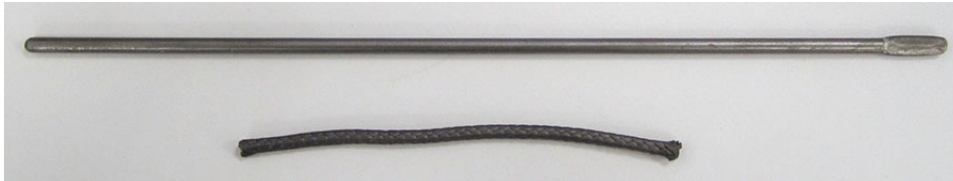
Once assembled bend the rod through 90 degrees at the position marked earlier, 35mm from the end.

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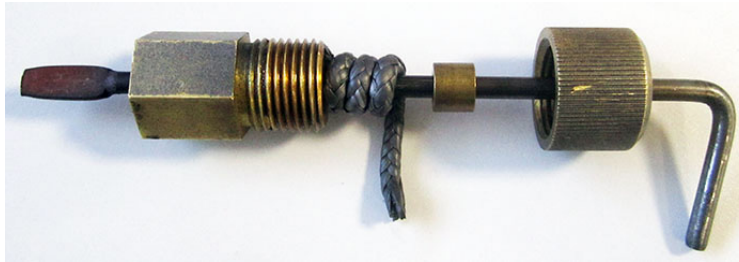
Oil Decoke Assembly Repair Kit

Fitting the new rope gland.

In the repair kit is a short length of graphite coated ceramic rope which acts as a gland sealing the rod into the housing so no oil vapours can escape and stopping uncontrolled air entering the burner.



Twist the rope seal around the rod and with a small screwdriver push it into the body of the assembly until it fills the housing. You may have to cut the rope if it is too long.



Slide the brass bush down onto the rope and then tighten the knurled nut down onto the main body until the gland holds the rod tight.

Screw the complete assembly back onto the inlet tube using the 22mm spanner until tight. It does not require any sealant on the threads.