



# Exhaustive Autopsy

It is with regret that I have to inform you of the death of one of the spare outer exhausts I had. It has not been a total loss as it has been donated for scientific research but its life is now complete. It is now resting in peace in a chapel of rest (the scrap bin outside my garage). It has had a previous life of which I have no knowledge but it would appear to have been self-harming and over indulging in its intake of water, it suffered from a fatal dose of death, a terminal case of rust, rusting from the inside out, not the normal way of out to in, for which there is no known cure.

My 'M' has been 'blueing' the two outer pipes for some time, I have now taken steps to rectify them? Both pipes were blueing just behind where the down pipe is welded to the silencer proper, with signs of excess heat in the downpipes. I thought to myself why there, what's there to cause this? I had no idea of the internal construction except for what I could see down the outlet end once the tubular baffle was removed, and that doesn't allow you to see too much anyway.

This where I needed to find a suitable donor to have my way with. I had a gaggle of pipes hanging like bats from my garage rafters. I asked them all to draw a straw, the shortest would lose! As the rusty one was already dead it couldn't draw a straw and was the obvious candidate. I took it down and clamped it into my workmate outside the garage; I didn't want the others to see what might happen to them if they too suffered from advanced water intake with an oxygen mixer.

I put on my goggles and ear defenders and arranged for the nurse to bring me a coffee in half an hour. I then plugged in the angle grinder and went to work to open it up, being careful not to cause further damage in the access operation. I ground off the tip of the weld seams that run the full length of the silencer, and the 'smooth' bit at the outlet end. Once the seam was visible I tried to prise the outer skin off, it would move but not come off completely. Although there are very few, there are spot welds on the outer face, not as many as the inside though. They are on the fifth baffle plate back from the outlet end, the one the baffle itself doesn't pass through. I ground the circumference either side of the fifth baffle plate and just behind the down pipe weld and the skins came off.

I was now able to see the whole inside and gaze upon the last thing I had expected to see and perhaps the cause of the Delkevic pipes sounding slightly wrong? (I believe they now sound correct??) Just after the downpipe weld and in the tapering section