

Exhaust Downpipe to Manifold Nut

Many 20hp owners have never needed to examine the join between their exhaust downpipe and manifold, but it must be dismantled if the small gasket blows or if the manifold itself has to be removed, for example if the exhaust manifold gasket blows, or if you need to remove the head. The GAD cross section (E55603, see Figure) is not particularly easy for non-experts to interpret, so here is a photograph of the various components. On reassembly the spherical washer and the gasket can be smeared with a suitable sealant such as ceramic exhaust paste, Copper Ease, or one of the modern expensive Teflon-based greases (not silicone). Note that if you need to replace the nut or the shaped washer, the exhaust pipe must be cut, and then re-welded together.

It can be very difficult to undo the exhaust nut. To get it started, try heating with a blowtorch and using a hammer with a C-spanner (NOT a hammer and chisel!).

