



**BMW**



**Mercedes**



**Mini**



**Interiors**

## **E39 Manifold & Link Pipes**



The Hartge Manifold and Link Pipe conversion increases exhaust capacity and engine note considerably.

The system is designed to reduce the restriction in the exhaust manifold by increasing the cross sectional area of the pipes.

This system replaces the stock twin walled manufacturers tube (used to keep the exhaust gas from cooling prior to reaching the catalyst) with a single walled tube.

The primary pipes are longer than stock which provides the effect of increasing the power higher up the engine rev range.

Acoustically, this conversion provides additional noise from the standard M5, which is a pleasing characteristic in comparison to modern over damped engine noise.

Birds UK recommend a fitting time of 16 hours for this conversion.

The right hand diagram shows the manifold/ header and Link Pipe for one bank in situ.

