

### EXHAUST SYSTEM MORRIS 8 CARS 1934 to 1938

The original equipment on these cars consisted of an entirely mild steel fabricated system with the exception of the brass nuts to the manifold connection, any asbestos material in flexible joints, and the copper asbestos triangular manifold gasket.

Part Numbers refer to the Morris Motors Parts List.

There were two basic systems as follows dependent on the production period of the chassis; in each case it was either supplied in one piece front to back (as shown in the Parts List Chassis Drawing) or as a 'two-section' assembly with the front pipe and silencer being in one integrated unit and the tail-pipe separate; the Parts List seems to confirm the one piece assembly as reflected in the following interpretation:-

#### Up to Chassis No 102807

Solid exhaust pipe unit complete with 'bullet' shaped silencer Part No 53173  
Manifold flange (captive on pipe) Part No 52717  
Triangular gasket Part No 52724  
Sealing washer Part No 50822  
Stud manifold flange Part No X15183  
Bolt manifold flange (2 no) Part No 51550  
Brass nut (3 no) Part No 3558  
Silencer bracket Part No 53169  
Bolt silencer bracket to captive nut in chassis (2 no) Part No 66851  
Silencer bracket clamp bolt Part No 66851  
Silencer bracket clamp nut Part No EZ503  
Support rear pipe front Part No 53628  
Clip rear pipe front to support (if used) Part No 53172  
Bolt clip (if used) Part No ?  
Nut clip (if used) Part No ?  
Rear hanger to chassis Part No 53171  
Nut hanger top Part No EZ 504  
Clip rear pipe to rear hanger Part No 53172  
Nut clip to hanger bottom Part No EZ 504

#### From Chassis No 102808 (and 102354 to 102500)

Flexible section exhaust pipe unit complete with 'cylindrical' shaped silencer Part No 81991  
Manifold flange (as earlier chassis)  
Triangular gasket (ditto)  
Sealing washer (ditto)  
Stud manifold flange (ditto)  
Bolt manifold flange (ditto)  
Brass nut (ditto)  
Support bracket front pipe Part No 81997  
Support bracket bolt Part No 4993  
Support bracket nut Part No EZ510  
Clip rear pipe front (to Support bracket at running board bracket) Part No 53172  
Bolt clip Part No ?  
Nut clip Part No ?  
Support bracket rear pipe front (to running board bracket) Part No 81999  
Bolt running board bracket (2 no) Part No 51588  
Nut running board bracket (2 no) Part No EZ 504  
Rear hanger to chassis (as earlier chassis)  
Nut hanger top (ditto)  
Clip rear pipe to rear hanger (ditto)  
Nut clip to hanger bottom (ditto)

## Notes

Most replacement systems are in three sections; connecting clamps would be in addition to the parts listed.

I have used my 1938 Series II saloon as a basis together with a close inspection of the Morris Motors Parts List. The list seems to differentiate between 'brackets' and 'supports' for some reason. The 'brackets' all are definitely directly fixed to the chassis as hangers. The 'supports' seem to be fitted to other components (eg the running board bracket).

The Chassis drawing on the Morris Motors Parts List together with Lubrication charts are the only visual evidence that I have found, and they appear to show the early system with solid front pipe, bracketed bullet silencer and rear hanger. No other fittings or later systems are shown.

The Morris Motors Parts List includes a Support rear pipe front Part No 53628 (front of tail pipe) for the earlier solid system but as I do not have a drawing or pattern of this I cannot confirm what form it takes, how it was secured and to what it was fixed. Similarly it includes a Support front pipe Part No 81997 for the later flexible system, and again I have no details of its form or how it was secured and to what it was fixed. If anyone has information on these items please contact me.

Whilst I still have the original intermediate and rear support brackets/hangers for the later flexible system, I do not have the front pipe support on my car (this is only used on the flexible sectioned pipes).....does anyone out there have one?

I believe that the system change was to reduce noise and vibration in use; I have travelled in a car with the earlier system and it seems far noisier than my car.

A 'floating' captive triangular clamp plate and a belled-out pipe on the manifold end of the front pipe appears to have replaced use of the sealing washer listed.

I will draw out the two systems and their supports and brackets in due course and add them to the site together with any other relevant dimensions.

However as previously mentioned I really would like details if anyone has them of the front of tail pipe support (Part No 53628) for the earlier solid system, and the front pipe support (Part No 81997) for the later system, so that the information will be complete

If you have any observations on all this I would be pleased to hear from you! After all I cannot prove any of this, but experience of the cars over the years and circumstantial evidence in abundance has helped me with what I believe is a reasonably accurate assessment of how the exhaust was installed

But that is only my opinion.....!

**BOB BRYAN 2009**  
[bobbryan@waitrose.com](mailto:bobbryan@waitrose.com)