

Please read fully before fitting

Whilst our deadening jacket can successfully reduce the noise level by up to 97%, to reduce the associated resonance it may be necessary to change how the pump is fixed to your vehicle chassis. Full instructions and parts for this are supplied.



How to fit our noise reduction jacket

To fit the jacket you will require two of the cable ties supplied. Wrap the pump as shown in **(Pic 1)**. Make sure that the curved edge is used to orientate to the pump rubber bracket. That way the longer outer ends will wrap around the pump. Once the pump is tightly wrapped in the jacket. A fix a cable tie at either end **(Pic 2)** and pull tightly.

Test the pump for noise level reduction. The jacket will suppress the audible tick noise by up to 97%. If you are happy with the result so far, you can stop here. However it may be necessary to reduce the associated resonance emitted along the chassis from the pump.

How to reduce the resonance of the pump (if required)

In some cases it is the resonance that is the bigger issue on the tick noise. This can be greatly reduced by following the procedure below.

To reduce the resonance effect it entails changing how the pump is mounted to your vehicle. To achieve this the pump rubber mounting bracket needs to be unfastened from your vehicles chassis (8mm bolt) . Once removed, the pump needs to be removed from the rubber bracket. The can be achieved in two ways. either disconnect the fuel inlet pipe (filter side) and slip the mount off or alternatively cut the mount off with a Stanley knife.

Locate a suitable pipe / cable near by the pump and suspend the pump from it by using the two other cable ties supplied. Do not over tighten the ties **(Pic 3)**. Please ensure that the fuel out end of the pump is always higher than the fuel inlet (filter end) This can be adjusted by the tension of the cable ties. When applying the cable ties, please ensure that they go through/ under the jacket fixing ties **(Pic 4)**

Now restart heater and both the noise and associated resonance should effectively be greatly reduced to an acceptable level.



Pic 1



Pic 2



Pic 3



Pic 4