

# Promax Amprobe RG5000 Ser No 9941846

S R Cooling

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Prepared for S R Cooling

**Identified 9 Issues**



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Recovery Machines Uk

## Introduction



Received Promax RG5000 reported with a very noisy compressor.

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## General Condition



The unit externals are in reasonable condition although the case is marked and scratched as you would expect with a unit of this age.

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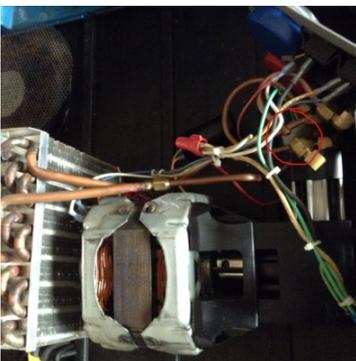
## General Condition 2



Both dust caps are missing as are several machine screws that secure the casing.

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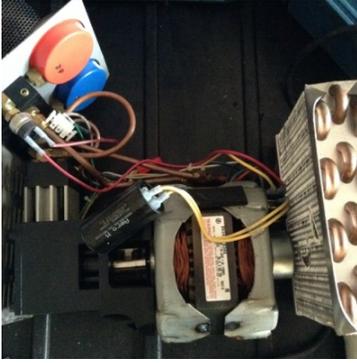
## Internals



Internally the unit is in fair condition, note that the suction pipe connection has sheared off.

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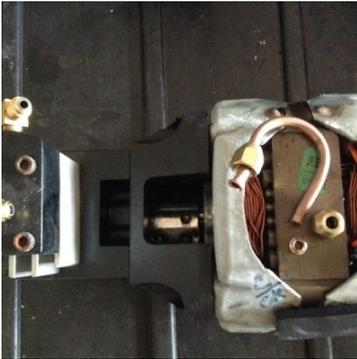
## Internals 2



Opposite side of unit internals.

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## Compressor Removed



Compressor out of unit with damaged suction pipe clearly visible.

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## Compressor Head Removal



Upon removal of the cylinder head it was apparent that the unit compressor has suffered serious damage.

The connecting rod has parted with the big end which would explain the noisy running and the excessive vibration which in turn would account for the sheared suction line.

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## Compressor Bottom End Damage



With the end cover removed the extent of the bottom end damage is clear.

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## Conclusion

Due the age and condition of the unit there are three options available.

1 - Trade the unit in with a value of £100 against a new machine or £50 against a warranted used unit. (Details of units currently available can be found at [www.recoverymachines.co.uk](http://www.recoverymachines.co.uk))

2 - Fit a service replacement compressor and replace the damaged pipe work.

Service Replacement Compressor - £125.00

Pipe -£15.00

Labour - £105.00

Return Shipping - £12.00

Less £50 investigation Fee

Total Repair Estimate - £207.00

3 - If you prefer to manage the repair yourself then please advise us so we can package the unit up, once your courier is organised please advise us of collection details so the unit can be returned to you.

If you have any queries please do not hesitate to contact us.

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