

## Flushing-Instructions

**Prior to the Remanufactured Compressor being installed, we recommend That you read, understand and follow these instructions.....**

Using **MT4035** professional flush gun in conjunction with flushing fluid **MT3106-1**.  
The failure of an air conditioning compressor can be the result of several factors...



- ❑ Lack of Lubrication
- ❑ System Contamination
- ❑ Excess System High Pressure
- ❑ Incorrect Application
- ❑ System Sealant added to refrigerant

## **Compressor Failure**

When a compressor needs to be replaced, care should be given to diagnose the reason for failure. The replacement compressor will also fail rapidly if the original problem is not rectified.

To protect your **warranty** and the long-term function of your remanufactured compressor a correct professional diagnosis should be carried out on the vehicle's air conditioning system.

The expansion device must be replaced along with the receiver drier upon installation of a compressor. The system must be flushed. The system cooling fans must operate as designed by the vehicle manufacturer.

## Recommended Flushing Procedure

Using **MT4035** professional flush gun in conjunction with flushing fluid **MT3106-1**.

**Note.** Always wear safety goggles when working with a pressurised system.

Dispose of contaminated flushing fluid in accordance with your local Environment Agency Regulations.

## **Step by Step Instructions..**

1. Recover refrigerant.
2. Fill flush gun with flushing fluid, part number **MT3106-1. (4 / 5 Litres will be Required)**
3. Do not flush the air conditioning system in a closed loop as this will flush debris around the system.
4. Prepare air conditioning system for flushing by disconnecting hoses from the Compressor, Condenser, Receiver Drier, Expansion Device and Evaporator.
5. Remove Compressor, Receiver Drier & Expansion Device –  
**DO NOT FLUSH THESE COMPONENTS – THEY MUST BE REPLACED**
6. Connect clean dry compressed air or nitrogen to the flush gun **MT4035** (maximum pressure of 125psi)  
Start flushing in this order:- Insert flush gun into the inlet of each component / line.

- a. Discharge pipe
- b. Condenser
- c. Condenser to Drier-liquid line
- d. Receiver Drier to Expansion Device-liquid line
- e. Evaporator
- f. Evaporator to Compressor-suction line.

7. Direct fluid in a forward direction and reverse direction (back-flush) until fluid leaving the component is clean and free. Catch the contaminated fluid in an appropriate container **MT4050** or a clean cloth.

**Note:** Should any components display a restriction then internal blockage may be evident. Replace the component with new, if in doubt or unsure contact our **Technical Help line** +44 (0) 121 766 5006 for further advise, and advise us of which Motor Factor supplied our Compressor.

8. Care should be taken not to leave any excess flush fluid in the system components.
9. Remove excess flush fluid by blowing clean dry compressed air or nitrogen through system components. (Excluding compressor, drier and expansion device)

**Please Note Some** vehicle manufacturers require the replacement of the old condenser with a new condenser when repairing and servicing a contaminated A/C system.

10. Reassemble the system, installing Reman Compressor, NEW Expansion Device and Receiver Drier.
11. Replace all system component connection 'O' rings.
12. Read Compressor Fitting Instructions and follow carefully, **CT0202** attached to Reman Compressor.
13. The system must be in a LEAK FREE condition.
14. Recharge System with **R134A** to correct Vehicle Manufacturers weight specifications.