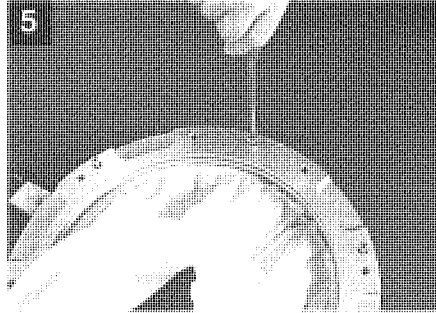


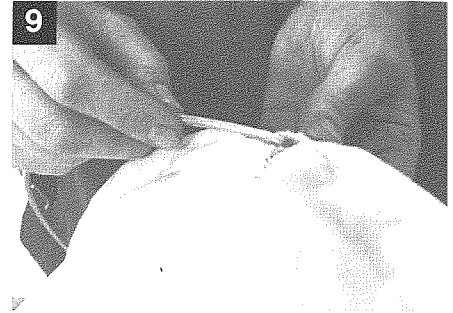
JS12 Diaphragm Replacement Instructions



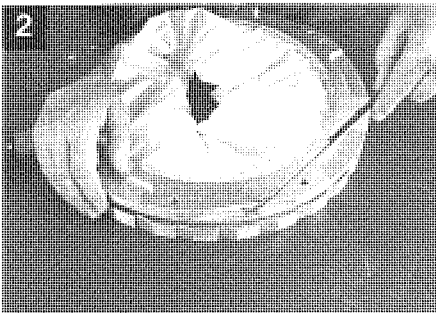
1 Remove the JS Valve from operation and move the handle to the fully open position.



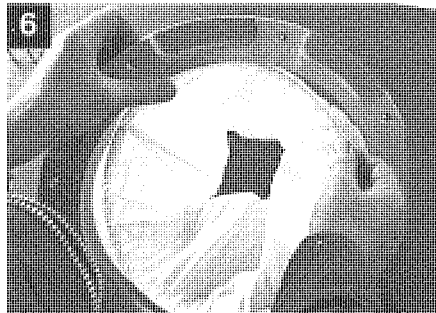
5 Using a posidrive screwdriver remove the three countersunk screws retaining the bottom body ring.



9 Take your replacement diaphragm and insert the wires provided into the hems, top and bottom.



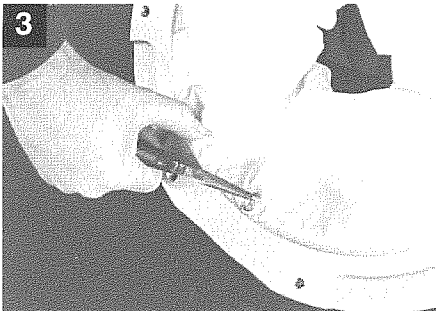
2 Using a flat nosed screw driver bend the legs of the bottom rivet until straight.



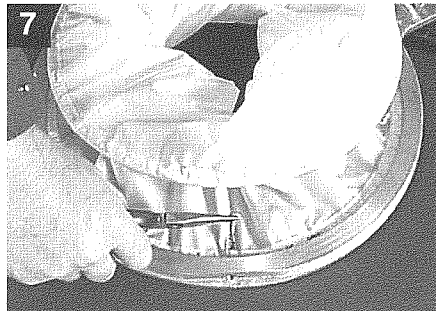
6 Remove the bottom body ring, pushing the diaphragm bottom wire through it.



10 The gap between the ends of the wire should be positioned at the seam.



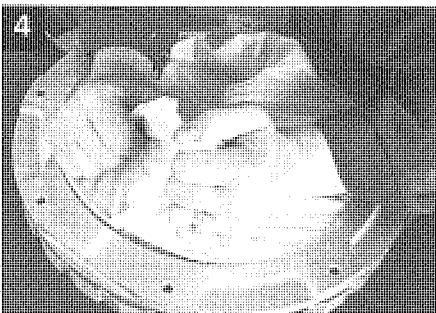
3 Carefully remove the rivet using suitable pliers



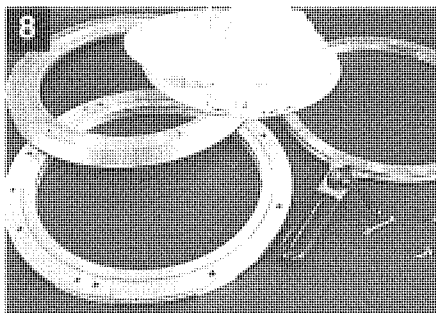
7 Remove the control ring rivet and the top ring of the diaphragm by repeating steps 2, 3 and 4



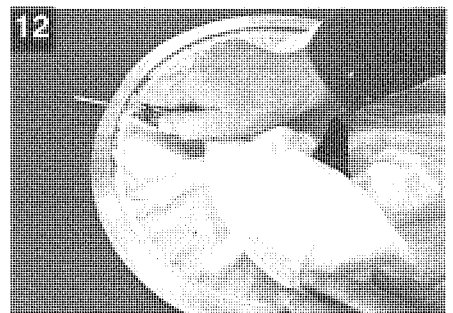
11 With the trigger facing down, insert the top ring of the diaphragm into the control ring groove. Ensure the wire ends are aligned with the rivet hole provided.



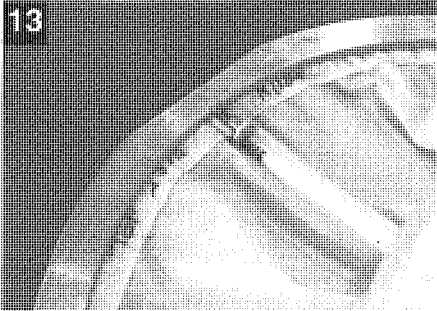
4 Grasp the diaphragm and pull the bottom wire out of it's groove.



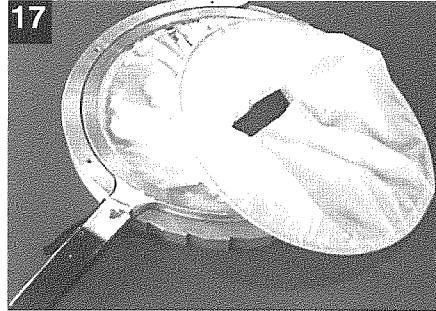
8 The valve is now ready to fit a new diaphragm. You should order a replacement spare as soon as possible



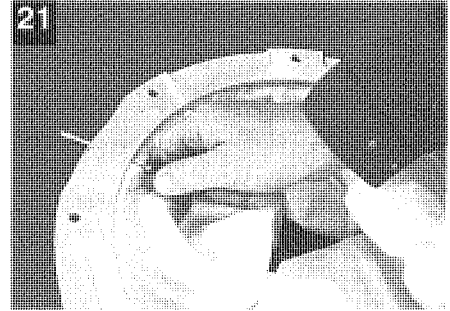
12 Using a small screwdriver, locate the rivet hole through the gap in the wire. Do **not** pierce the diaphragm.



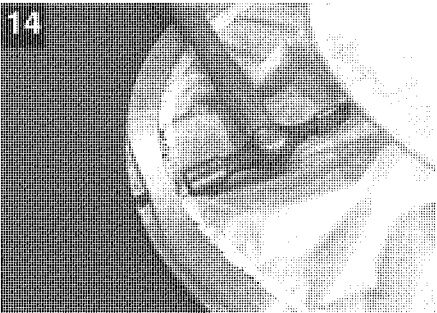
13 Insert the short rivet complete with rubber washer from inside the control ring. Ensure that the trigger is facing down.



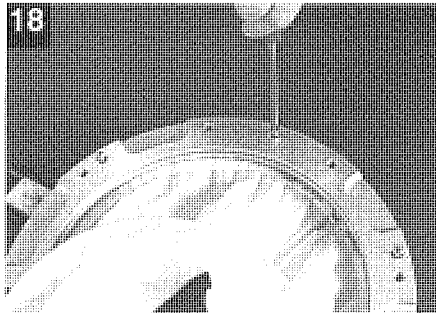
17 Place the control ring assembly, with its trigger facing downwards, into the upturned body top ring. The control ring must be in the open position.



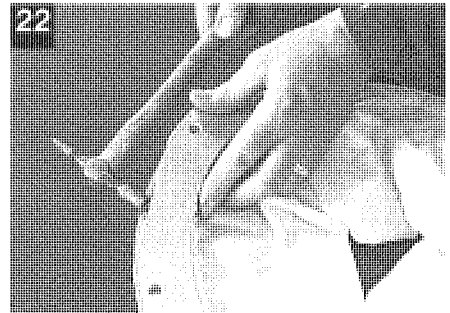
21 Fit the bottom ring of the diaphragm into the groove in the bottom body ring, and locate the rivet hole.



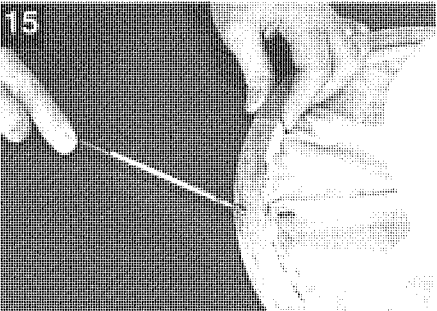
14 Using a small pin hammer, drive the rivet home until the head is flush with the control ring inside diameter.



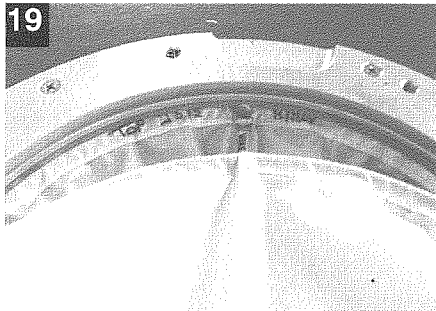
18 Pull the bottom wire of the diaphragm through the body bottom ring, fit and tighten the three screws provided.



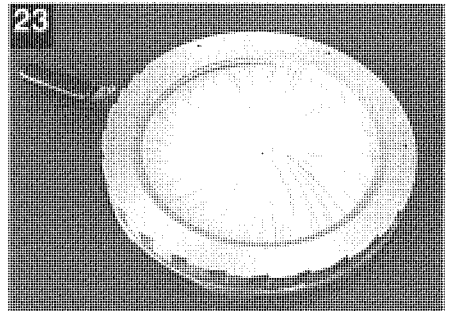
22 Install and finish the long rivet, following steps 13 to 16.



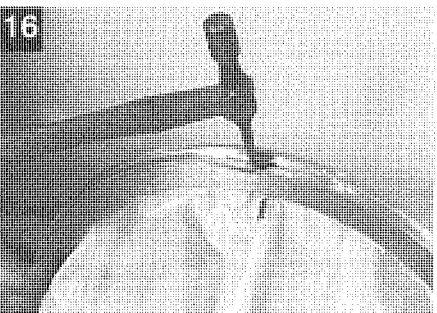
15 Using a flat nosed screw driver part the legs of the rivet, and bend them as flat as possible.



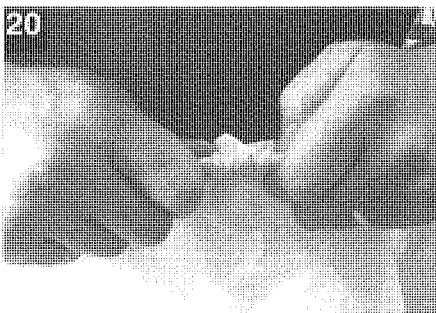
19 Ensuring the valve is in the fully open position, align the bottom diaphragm seam with the already installed top.



23 Close the valve to ensure correct operation. Note the valve should be fully closed with two trigger notches spare.



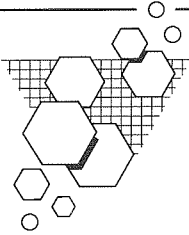
16 Use the wedged end of the small hammer to finish the rivet installation.



20 Move the open ends of the bottom wire, without changing the seam alignment, to match the position of the rivet hole in the bottom body ring.



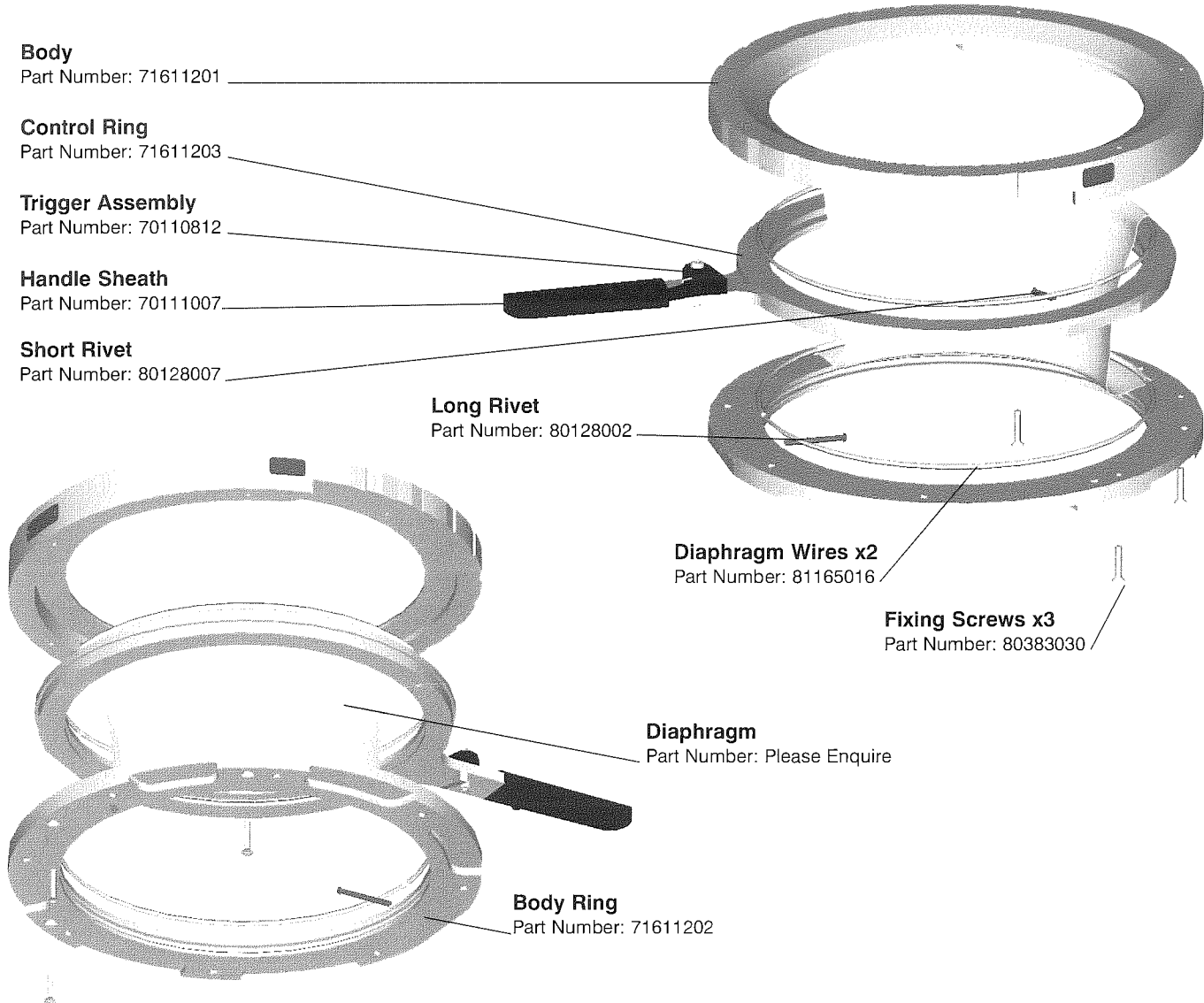
The valve can now be placed back into service. You should order your replacement spare diaphragm now.



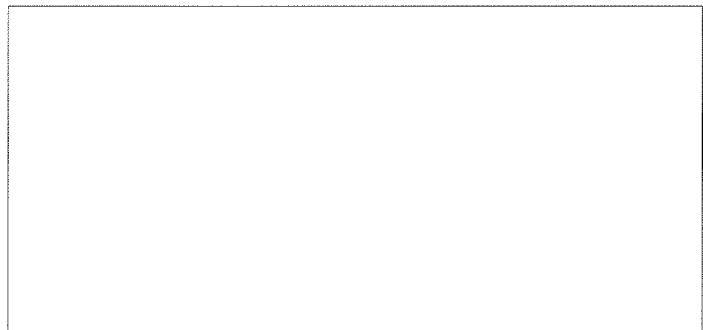
Mucon
The Power to Control Powders

Reference: 80524123 A

JS12 Parts Identification



Kemutec
130 Wharton Road
Bristol, PA 19007
Tel: 215 788 8013
Fax: 215 788 5113
Email: Sales@KemutecUSA.com
Web: www.KemutecUSA.com



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