



**WELDON PUMP**  
640 GOLDEN OAK PARKWAY  
OAKWOOD VILLAGE, OHIO 44146  
440-232-2282 FAX440-232-0606  
[request@weldonpumps.com](mailto:request@weldonpumps.com)

## Service Bulletin

<b>Service Bulletin Number:</b> SB-X8187-B
<b>Date:</b> March 10, 2008
<b>Effectivity:</b> All A8187-B, B8187-B, C8187-B pumps
<b>Subject:</b> Upgrade instructions to D8187-B

### Description

This SB covers the upgrade of A,B,C 8187-B pumps to a D8187-B.

### Compliance

This upgrade must be accomplished at the next overhaul or if repair requires the replacement of any parts used as a part of this upgrade. Weldon will no longer stock or supply the 8377 rotor, 8378 rotor, 8400 blades, or MS29513-119 o-ring for the A,B,C8187-B. These parts are not interchangeable and must be replaced as a group.

### Instructions

To perform this upgrade use Weldon Pump "JC" Overhaul Manual.

### **Convert an A8187-B to a D8187-B**

In addition to the standard parts required for overhaul, the following instructions and parts are necessary for conversion:

1. Perform in accordance with the "JC" Overhaul Manual.
2. Disassemble pump.
3. Remove and discard the 8377 rotor
4. Replace with an 8379 rotor.
5. Remove and discard two 8400 blades.
6. Replace with 8402 blades.
7. Remove and discard the MS29513-119 o-ring.
8. Replace with the MS29512-12 o-ring.
9. Assemble pump.
10. Test pump.



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### **Convert a B8187-B to a D8187-B**

In addition to the standard parts required for overhaul, the following instructions and parts are necessary for conversion:

1. Perform in accordance with the "JC" Overhaul Manual.
2. Disassemble pump.
3. Remove and discard the 8378 rotor
4. Replace with an 8379 rotor.
5. Remove and discard two 8400 blades.
6. Replace with 8402 blades.
7. Remove and discard the MS29513-119 o-ring.
8. Replace with the MS29512-12 o-ring.
9. Assemble pump.
10. Test pump.

### **Convert a C8187-B to a D8187-B**

In addition to the standard parts required for overhaul, the following instructions and parts are necessary for conversion:

1. Perform in accordance with the "JC" Overhaul Manual.
2. Disassemble pump.
3. Remove and discard the MS29513-119 o-ring.
4. Replace with the MS29512-12 o-ring.
5. Assemble pump.
6. Test pump.

### **Parts Information**

Parts may be ordered separately.

<b>Existing Part</b>	<b>New Part</b>	<b>Interchangeability</b>	<b>Order Information</b>
8377 Rotor	8379 Rotor	No	Part # 8379
8378 Rotor	8379 Rotor	No	Part # 8379
8400 Blades	8402 Blades	No	Part #8402
MS29513-119 o-ring	MS29512-12 o-ring	No	Part # MS59512-12



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**Labeling Information**

Label pumps per current repair station procedures.

Existing Pump Part Number	Upgrade Pump Part Number
A8187-B	D8187-B
B8187-B	D8187-B
C8187-B	D8187-B

**Contact Information**

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