



Robotics

# Maintenance kit for RB1000-SSD/RB1000-SAD Pro-active prevention to reduce the risk of production stoppage



For equipment that sees heavy usage in production environments, periodic maintenance is required to keep it running at optimal levels. On a modern paint line, inspecting atomizers and replacing any worn parts should be a key strategy to reduce the risk of unplanned production stoppages and minimize any related impact of failing parts.

### Proactive maintenance

In order to enhance the performance and reliability of vital industrial equipment, a proactive approach to maintenance is essential. With the Maintenance Kit for ABB's RB 1000 Paint Atomizers (SSD & SAD), corrective actions aimed at the root cause of failures can be initiated, production stoppages avoided and the life of the atomizer extended.

### Increase uptime

The ABB Paint Atomizer is designed to provide years of trouble-free operation if maintained properly. Based on our extensive real-world experience, ABB recommends an annual maintenance program. Exchanging critical wear parts before they fail will ensure high uptime and avoid unplanned production stoppage.

### Reduce future maintenance costs

Following a yearly maintenance schedule ensures that any issues are fixed before the parts fail to work properly. This will prevent equipment dependent on the proper functioning

of the atomizer from having maintenance issues caused by a malfunctioning atomizer. By preventing disruption to key manufacturing processes and protecting all parts of the paint system, overall cost of maintenance and risk for downtime will be reduced for the entire system.,

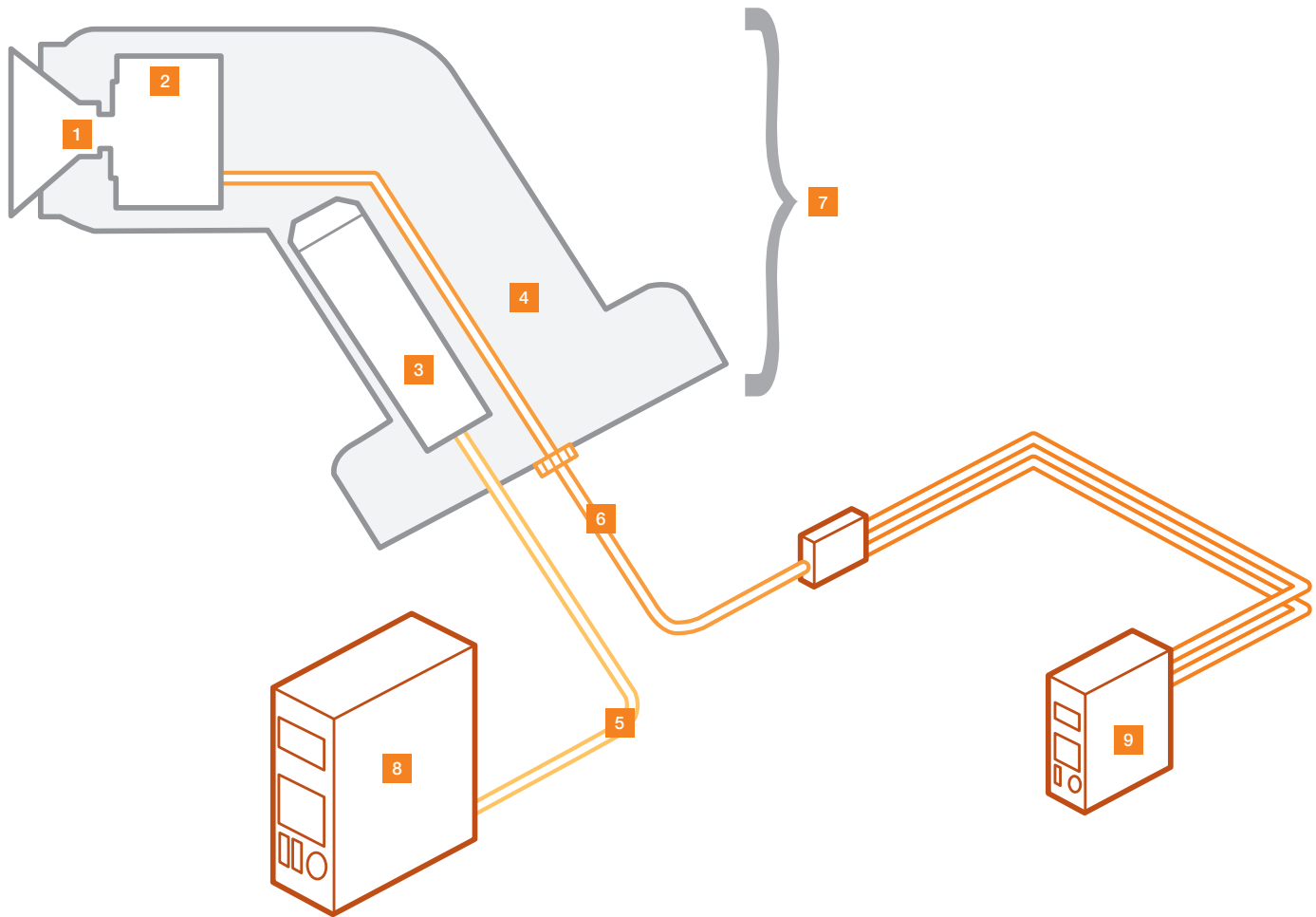
Features	Benefits
Recommended exchanging timing	Avoid production stop Better control of the parts life span
Pro-active preventive maintenance kit	Lessen the possibility to buy wrong parts by mistake Less time spent for picking up and order parts
Discounted price for the purchase by kit	Reduce the maintenance cost
With all key parts of atomizer	First response when an error happen

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# Maintenance Kit for RB1000-SSD/RB1000-SAD

## Recommended timing of maintenance



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1. Feed tube and Teflon® tube | 2. Air motor | 3. Cascade | 4. Valve assembly | 5 LV Cable | 6. FO Cable |  
 7. O Ring, Packing, Gasket, Joint, cap seal in Atomizer Body | 8. HV Controller (not included) | 9. Rotation Controller (not included).  
 Refer to manual: PA0301-4000E-R07 RB1000-SSD\_SAD-plt-std for more detail

### 1 Shift

	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6	Year 7	Year 8
Valve Assembly	X	X	X	X	X	X	X	X
Joint	X	X	X	X	X	X	X	X
Sealing Parts	X	X	X	X	X	X	X	X
Feed Tube		X		X		X		X
Teflon® Tube		X		X		X		X
LV Cable		X		X		X		X
FO Cable		X		X		X		X
Air Bearing Motor					X			
Cascade								X

### 2 Shift

	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6	Year 7	Year 8
Valve Assembly	X	X	X	X	X	X	X	X
Joint	X	X	X	X	X	X	X	X
Sealing Parts	X	X	X	X	X	X	X	X
Feed Tube	X	X	X	X	X	X	X	X
Teflon® Tube	X	X	X	X	X	X	X	X
LV Cable		X		X		X		X
FO Cable		X		X		X		X
Air Bearing Motor			X			X		
Cascade					X			

#### Notes:

- \* Maintenance lowers risk, it is not a guarantee. The life span of spare parts may vary according to individual operating conditions.
- \* After year 8, recommended maintenance would start at Year 1 again
- \* Bell cup and hub are not included.
- \* O-rings, gaskets and packings are recommended to be changed when disassembling the atomizer.

For more information please contact:

[www.abb.co.jp](http://www.abb.co.jp)

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