

<b>Subject:</b>  INTRODUCTION OF AQUA-TECH PAINT SYSTEM	<b>Bulletin No:</b> 09-037/09
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## APPLICABLE MODEL(S)/VINS

2009-2010 MX-5

2009-2010 RX-8

2009-2010 CX-9

## DESCRIPTION

**NOTE:** This Service Bulletin is designated primarily for body shops.

In order to further reduce the amount of volatile organic compound (VOC) emissions from the painting process, MC Japan has introduced the "Aqua-Tech Paint System" which is a newly developed waterborne based paint technology.

## OUTLINE

The newly developed basecoat (the color) has been adopted in the system. The basecoat is now waterborne. Due to adoption of the waterborne basecoat, the amount of VOC emissions was reduced by 57% compared to the current painting system without increasing the amount of CO2 emissions.

The Aqua-Tech Paint System achieves the equivalent quality of the current painting system (solvent) in terms of durability and performance.

## LAUNCH PLAN

### SUBJECT MODELS:

The vehicles produced at Ujina No.1 Plant are subject to the paint system change.

Location	Plant	Main Production (as of June, 2009)
Hiroshima, Japan	Ujina No.1	MX-5, RX-8 and CX-9

### SUBJECT COLORS:

Beginning with the A3F (Brilliant Black) production schedule in June, 2009, nineteen (19) colors will be replaced with the Aqua-Tech Painting System by 2010.

Production Timing	Color Code	Color Name
June, 2009	A3F	Brilliant Black
July, 2009 to September, 2009	28W 35J 38P	Radiant Ebony MC Stormy Blue MC Aluminum Metallic M
October, 2009 to December, 2009	22V 32V 33Y 35N 36A 36C 36L	Sunlight Silver M Copper Red MC Icy Blue M Sparkling Black MC Spirited Green M Metropolitan Gray MC Lilac Silver M
In 2010	27A 34J 34K A1T A2W A4A A4D TD	Velocity Red MC Aurora Blue MC Crystal White Pearl MC Nifty Red Cool White True Red Arctic White CLE Aster Blue

### NOTE:

- The appearance of color is basically the same, even if the vehicle was produced under a different painting system in production, as long as the color code is the same.
- The schedules above could be changed without notice.

## REPAIR PROCEDURE

Although the Aqua-Tech Painting System has adopted waterborne basecoat, either basecoat, waterborne or solvent borne can be used when performing refinishing. The repair procedure is the same as that of vehicles painted under the current painting system. The repairability and refinishing quality were validated using materials sold in markets as of February, 2009.

Validated paint suppliers (in alphabetical order)

- Akzo Nobel
- BASF Coatings
- Dai Nippon Toryo Co., Ltd.
- Dupont
- Isamu Paint Co., Ltd.
- Kansai Paint Co., Ltd.
- Kuboko Paint Co., Ltd.
- Nippon Paint Co., Ltd.
- PPG
- ROCK PAINT Co., Ltd.
- The Sherwin-Williams Company