



Automotive Industry Action Group

# B-2

## *Vehicle Identification Number (VIN) Application Standard*

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## **B-2**

### ***Vehicle Identification Number (VIN) Label Application Standard***

Version 3, November 2007



## ***Foreword***

The purpose of this revision is to update the Standard by incorporating symbology options approved by the AIAG since the June 1988 version of the B-2.

The B-2 Standard now recommends two options for linear symbologies - Code 39 or Code 128, and two options for two-dimensional symbologies - Data Matrix or QR Code.

This revision will improve the integrity of computer readable information for Vehicle Programs (e.g. Vehicle Shipping, Vehicle Inspections, and Retail Inventory Control).

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## **1.0 INTRODUCTION**

These specifications provide guidelines for printing/marketing (Direct Part Marking- DPM) a Vehicle Identification Number (defined by SAE J272, U.S. Government). This information is to be printed/marked in a bar coded format and affixed to the vehicle. The addition of this information in a bar coded format should improve the integrity of computer readable information for Vehicle Programs, (e.g. Vehicle Shipping, Vehicle Inspections and Retail Inventory Control).

This AIAG B-2 - Vehicle Identification Number (VIN) Label Application Standard is based on the AIAG B-4 - Parts Identification and Tracking Application Standard and the AIAG B-17 - 2D Direct Parts Marking Guideline. This Standard recommends the use of the linear (1D) symbologies Code 39 or Code 128, or 2D symbologies Data Matrix or QR Code. It is not the intent of this document to cause the obsolescence of existing systems.

One of the criteria used when making the decision to recommend more than one symbology was the availability of existing auto-discrimination equipment to read multiple symbologies.

It is the supplier's responsibility to provide bar coded symbols that meet this standard. Adherence to these specifications will reduce implementation costs and increase benefits throughout the industry.

All exhibits are for illustrative purposes only and may not be to scale or comply with bar code print quality standards.

In this document the word, 'SHALL' indicates a requirement, while the word 'SHOULD' indicates a recommendation.