

	INSTITUTE CONSORTIUM STANDARD	
	SAE	ICS1000 MAY2012
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Superseding ICS1000 SEP2004		
Recreation Off-Road Vehicle Product Identification Numbering System		

1. SCOPE

This document specifies the format, content and parameters for a product identification numbering system for **off-road recreation vehicles**, based on the PIN structure for earth-moving machinery in ISO 10261:2002E and is not applicable to the identification of components or attachments. This standard applies only to the off-road recreation vehicle industry and does not impose parameters for the marine, lawn and garden, silviculture, husbandry, construction or earth moving sectors.

2. PURPOSE

The purpose of SAE ICS-1000 is to provide a global identification system for **off-road recreation** vehicles that is similar enough to the VIN (as described in ISO 3779-1983E), in order to provide consistency and transparency to the VIN user and yet be different enough so as not to cause confusion with on-road vehicles.

3. REFERENCE

Available from <http://www.iso.org/iso/en/ISOOnline.frontpage>

ISO 10261:2002E	Earth-moving machinery - Product identification numbering system
ISO 3779-1983E	Road vehicles - Vehicle identification number (VIN)-content and structure

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4. DEFINITIONS

4.1 OFF-ROAD RECREATION VEHICLE

Motorized vehicle primarily used by persons engaged in off-road recreational activity that includes, but is not limited to, off-highway motorcycles, all-terrain vehicles (ATVs), snowmobiles, dune buggies, go-carts, etc.

4.2 PRODUCT IDENTIFICATION NUMBER – PIN

Unique set of 17 alphanumeric characters assigned to a complete vehicle by the manufacturer for identification purposes

4.3 WORLD MANUFACTURER CODE – WMC

The first field of the PIN, alphanumeric code designating the manufacturer of the vehicle.

4.4 VEHICLE DESCRIPTOR SECTION – VDS

Second field of the PIN, comprising information describing the vehicle.

4.5 CHECK LETTER SECTION – CL

The third field of the PIN, consisting of an alpha character in the 9th position based on a calculation of the remaining 16 characters in the PIN and determining its validity.

4.6 VEHICLE INDICATOR SECTION – VIS

The last field of the PIN, distinguishing, in conjunction with the WMC and VDS, one vehicle from another by designation.

4.7 CHECK LETTER

Indicates a single character used to verify the accuracy of the transcription of the off-road vehicle identification number (PIN). After construction and calculation, the ninth position of each PIN is determined.

4.8 VEHICLE TYPE

Means a class of vehicle; i.e., ATV, snowmobile, off-highway motorcycle, dune buggy, etc.

4.9 MAKE

Means a name that a manufacturer applies to a group of vehicles or engines.

4.10 MANUFACTURER

Means an entity manufacturing/producing or assembling the off-road vehicle.

4.11 MODEL

Means a name that a manufacturer applies to a particular vehicle.