

ORG7320

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**POLARIS**<sup>®</sup>  
INDUSTRIES INC.

**- Submitted by UPS Next Day and E-Mail -**

November 8, 2011

National Highway Traffic Safety Administration  
1200 New Jersey Avenue SE, Room W43-488  
Washington, DC 20590  
Attention: VIN Coordinator

Re: Compliance Submittal 49 CFR 565-567: Amended Attachment 1  
U.S. Low Speed Vehicles Built by Polaris  
World Manufacturer Identifier "52C"

This letter notifies the National Highway Traffic Safety Administration that Polaris Industries Inc. (Polaris) intends to produce the U.S. electric low speed vehicle (LSV) models listed below, with a VIN structure that begins with the WMI "52C". The vehicles meet the requirements of 49 CFR Part 571.500.

A previously listed non-U.S. facility was removed from the VIN decoder submitted on November 1, 2011. That facility does not produce low speed vehicles regulated by NHTSA. The vehicles are not FMVSS 500 compliant, do not have a U.S. certification label, and are not sold in North America.

The Vehicle Identification Number (VIN) system for all Polaris LSVs that meet FMVSS 500 including the GEM brand, will use the World Manufacturer Identifier 52C that was issued to Polaris Industries Inc. beginning with production for model year 2012 machines.

Prior GEM-brand LSVs built by Polaris started with the WMI 5AS, as notified by Polaris in a letter to NHTSA dated June 17, 2011. The change to the 52C WMI code for the GEM-Brand LSVs is being made at the request of Mr. Coleman Sachs of NHTSA. The purpose of the change is to provide a simple means of identifying GEM-brand vehicles produced under Polaris ownership.

**Part 565 - Vehicle Make and Type Listing - 565.16(b)**

The following makes and types of vehicles that meet the low speed vehicle requirements of 49 CFR 571.500 will be produced by Polaris using the World Manufacturer Identifier 52C:

<u>Make</u>	<u>Model</u>	<u>Type</u>	<u>WMI</u>
Polaris	GEM e2	Electric Low Speed Vehicle	52C
Polaris	GEM e4	Electric Low Speed Vehicle	52C

**Attachment 1:  
VIN Decoding System for GEM and BREEZE LSV Makes**

**Polaris Brand Low Speed Vehicles Model Year 2012 and Greater**

1	2	3	4	5	6	7*	8*	9	10	11	12	13	14	15	16	17
WMI Assigned to Pol by SAE			Model (Note: All models have the make Polaris)	Body Type (Seating)	Body Type (Cargo)	Engine Type, Brake System, Restraint System Type, GVWR * Attributes Decipherable from Digits 7-8 as Detailed Below		Check Digit	Model Year	Plant of Manufacture	Sequential Production Number					
5	2	C	A = Breeze  G = GEM	2 = 2 Passenger  4 = 4 Passenger  6 = 6 Passenger  8 = 8 Passenger	A = Standard D = Heavy Duty Long Bed E = Enclosure G = Golf S = Short Bed L = Long Bed M = Mid Bed	B	A	Number generated through mathematical formula in 49 CFR 565.15 (c)	9 = 2009	A, B, or D = Roseau, MN	Sequential Production Number assigned by Manufacturer					
						G	A		A = 2010	0, 2, 3 or 4 = Spirit Lake, IA						
									B = 2011							
									C = 2012							
									D = 2013							
									E = 2014							
									F = 2015							
								G = 2016								

Digit 7 & 8 (Layout)	BA	GA
Make	Breeze	GEM
Engine Type (Motor)	DC Electric, 48 Volt	DC Electric, 72 Volt
Front Brake System	None	Hydraulic Disc
Rear Brake System	Mechanical Drum	Hydraulic Drum
Restraint System Type	2 Point Ratchet	3 Point Inertia
GVWR Class	A	A

Polaris	GEM e6	Electric Low Speed Vehicle	52C
Polaris	GEM eS	Electric Low Speed Vehicle	52C
Polaris	GEM eL	Electric Low Speed Vehicle	52C
Polaris	GEM eL XC	Electric Low Speed Vehicle	52C
Polaris	EV LSV	Electric Low Speed Vehicle	52C
Polaris	Breeze SL	Electric Low Speed Vehicle	52C