As filed with the Securities and Exchange Commission on March 8, 2007.

### UNITED STATES SECURITIES AND EXCHANGE COMMISSION Washington, D.C. 20549

Post-Effective Amendment No. 1 to

# FORM S-8

**REGISTRATION STATEMENT UNDER THE SECURITIES ACT OF 1933** 

# VISTEON CORPORATION

(Exact name of registrant as specified in its charter)

Delaware (State or other jurisdiction of incorporation)

38-3519512 (I.R.S. Employer Identification No.)

One Village Center Drive, Van Buren Twp., Michigan (Address of principal executive offices) 48111 (zip code)

Visteon 401(k) Savings Plan (formerly known as The Visteon Investment Plan for Hourly Employees) (Full title of the Plan)

> John Donofrio Senior Vice President and General Counsel Visteon Corporation One Village Center Drive Van Buren Township, Michigan 48111 (Name and address of agent for service)

(800) VISTEON (Telephone number, including area code, of agent for service)

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#### WITHDRAWAL OF SECURITIES FROM REGISTRATION

On June 21, 2000, Visteon Corporation (the "Company") filed a registration statement on Form S-8 (Registration No. 333-39758) with the Securities and Exchange Commission registering 1,000,000 shares of the Company's Common Stock, par value \$1 per share, and an indeterminate amount of interests to be offered or sold pursuant to the Visteon 401(k) Savings Plan (formerly known as The Visteon Investment Plan for Hourly Employees, the "Plan"). Effective as of December 31, 2005, the Visteon Stock Fund was closed to new contributions and transfers under the Plan, and all units held in the Visteon Stock Fund after June 30, 2006 were liquidated and transferred to alternative investment funds under the Plan. Accordingly, the Company is filing this post-effective amendment No. 1 to the registration statement to withdraw from registration any remaining unsold shares of Common Stock and interests in the Plan.

#### PART II

#### INFORMATION REQUIRED IN REGISTRATION STATEMENT

Item 8. Exhibits.

24.1 Powers of Attorney relating to execution of this post-effective amendment No. 1 to the registration statement.

#### SIGNATURES

Pursuant to the requirements of the Securities Act of 1933, the registrant certifies that it has reasonable grounds to believe that it meets all of the requirements for filing on Form S-8 and has duly caused this post-effective amendment No. 1 to the registration statement to be signed on its behalf by the undersigned, thereunto duly authorized, in Van Buren Township, in the State of Michigan, on March 8, 2007.

#### VISTEON CORPORATION

/s/ John Donofrio John Donofrio Senior Vice President and General Counsel

Pursuant to the requirements of the Securities Act of 1933, this post-effective amendment No. 1 to the registration statement has been signed on March 8, 2007, by the following persons in the capacities and on the dates indicated.

By

Signature	Title	
/s/ Michael F. Johnston*	Chairman of the Board of Directors and	
Michael F. Johnston	Chief Executive Officer (principal executive officer)	
/s/ James F. Palmer*	Executive Vice President and Chief Financial Officer	
James F. Palmer	(principal financial officer)	
/s/ William G. Quigley III*	Senior Vice President, Corporate Controller	
William G. Quigley III	and Chief Accounting Officer (principal accounting officer)	
/s/ William H. Gray, III*	Director	
William H. Gray, III		
/s/ Patricia Higgins*	Director	
Patricia Higgins		
/s/ Karl J. Krapek*	Director	
Karl J. Krapek		
/s/ Charles L. Schaffer*	Director	
Charles L. Schaffer		
/s/ Donald J. Stebbins*	Director, President and Chief Operating Officer	
Donald J. Stebbins		
/s/ Richard J. Taggart*	Director	
Richard J. Taggart		
/s/ James D. Thornton*	Director	
James D. Thornton		
/s/ Kenneth B. Woodrow*	Director	
Kenneth B. Woodrow		
*By: /s/ John Donofrio		
John Donofrio		
Attorney-in-Fact		
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Pursuant to the requirements of the Securities Act of 1933, the Plan has duly caused this post-effective amendment No. 1 to the registration statement to be signed on its behalf by the undersigned, thereunto duly authorized, in Van Buren Township, in the State of Michigan, on March 8, 2007.

#### VISTEON 401(K) SAVINGS PLAN

/s/ Dorothy L. Stephenson

Dorothy L. Stephenson Visteon 401(k) Savings Plan, Administrative Committee

By

#### EXHIBIT INDEX

Exhibit Number	Exhibit Name	
24.1	Powers of Attorney relating to execution of this post-effective amendment No. 1 to the registration statement.	

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#### POWER OF ATTORNEY

Each of the undersigned, a director or officer of VISTEON CORPORATION, appoints each of J. Donofrio, H. A. Sepanik and P. M. Ziparo as his or her true and lawful attorney and agent, with full power to them and each of them (including the full power of substitution and resubstitution), to sign for him or her in his or her name and in the capacity or capacities indicated below, post-effective amendments to the Registration Statements on Form S-8 of VISTEON CORPORATION, and any and all amendments (including further post-effective amendments) and supplements thereto, relating to the withdrawal from registration under the Securities Act of 1933, as amended (the "Securities Act"), any remaining unsold shares of the Common Stock, par value \$1.00, of VISTEON CORPORATION and interests in the Visteon Investment Plan and the Visteon 401(k) Savings Plan, and to do or perform any and all acts and things and execute any and all instruments which the attorney and agent may deem necessary or advisable in order to enable VISTEON CORPORATION to comply with the Securities Act, and any rules, regulations or requirements of the Securities and Exchange Commission, and to file them with the Securities and Exchange Commission. The undersigned ratifies and confirms all that any of the attorneys and agents shall do or cause to be done by virtue hereof. Any one of the attorneys and agents shall have, and may exercise, all the powers conferred by this instrument.

Each of the undersigned has signed his or her name as of the 14th day of December, 2006.

/s/ Michael F. Johnston	/s/ Richard J. Taggart
Michael F. Johnston	Richard J. Taggart
/s/ William H. Gray, III	/s/ James D. Thornton
William H. Gray, III	James D. Thornton
/s/ Patricia Higgins	/s/ Kenneth B. Woodrow
Patricia Higgins	Kenneth B. Woodrow
/s/ Karl J. Krapek	/s/ James F. Palmer
Karl J. Krapek	James F. Palmer
/s/ Charles L. Schaffer	/s/ William G. Quigley III
Charles L. Schaffer	William G. Quigley III
/s/ Donald J. Stebbins	
Donald J. Stebbins	