
UNITED STATES SECURITIES AND EXCHANGE COMMISSION
WASHINGTON, D.C. 20549-1004

FORM 11-K

☒ **ANNUAL REPORT PURSUANT TO SECTION 15(d) OF THE SECURITIES EXCHANGE ACT OF 1934**

For the fiscal year ended December 31, 2005

☐ **TRANSITION REPORT PURSUANT TO SECTION 15(d) OF THE SECURITIES EXCHANGE ACT OF 1934**

For the transition period from _____ to _____

Commission File Number: 1-15827

VISTEON INVESTMENT PLAN

(Full title of the plan)

Visteon Corporation

One Village Center Drive, Van Buren Township, Michigan 48111

(Name of issuer of the securities held pursuant to the plan and the address of its principal executive offices)

(800) VISTEON

(Registrant's telephone number,
including area code)

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REPORT OF INDEPENDENT REGISTERED PUBLIC ACCOUNTING FIRM

June 2, 2006

To the Participants and Plan Administrator
Visteon Investment Plan
Van Buren Township, Michigan

We have audited the accompanying statements of net assets available for plan benefits of the Visteon Investment Plan (the “Plan”) as of December 31, 2005 and 2004, and the related statement of changes in net assets available for plan benefits for the year ended December 31, 2005. These financial statements are the responsibility of the Plan’s management. Our responsibility is to express an opinion on these financial statements based on our audits.

We conducted our audits in accordance with the standards of the Public Company Accounting Oversight Board (United States). Those standards require that we plan and perform the audit to obtain reasonable assurance about whether the financial statements are free of material misstatement. An audit includes consideration of internal control over financial reporting as a basis for designing audit procedures that are appropriate in the circumstances, but not for the purpose of expressing an opinion on the effectiveness of the Plan’s internal control over financial reporting. Accordingly, we express no such opinion. An audit also includes examining, on a test basis, evidence supporting the amounts and disclosures in the financial statements, assessing the accounting principles used and significant estimates made by management, as well as evaluating the overall financial statement presentation. We believe that our audits provide a reasonable basis for our opinion.

In our opinion, the aforementioned financial statements present fairly, in all material respects, the net assets available for benefits of the Plan as of December 31, 2005 and 2004, and the changes in net assets available for benefits for the year ended December 31, 2005, in conformity with accounting principles generally accepted in the United States of America.

Our audits were conducted for the purpose of forming an opinion on the basic financial statements taken as a whole. The supplemental schedule of assets held for investment purposes as of December 31, 2005 is presented for purposes of complying with the Department of Labor’s Rules and Regulations for Reporting and Disclosure under the Employee Retirement Income Security Act of 1974, as amended, and is not a required part of the basic financial statements. This schedule has been subjected to the auditing procedures applied in our audits of the basic financial statements and, in our opinion, is fairly stated, in all material respects, in relation to the basic financial statements taken as a whole.

/s/ GEORGE JOHNSON & COMPANY
CERTIFIED PUBLIC ACCOUNTANTS
Detroit, Michigan

FINANCIAL STATEMENTS

December 31, 2005 and 2004

VISTEON INVESTMENT PLAN

STATEMENTS OF NET ASSETS AVAILABLE FOR PLAN BENEFITS

December 31, 2005 and 2004

	<u>2005</u>	<u>2004</u>
Assets:		
Participant-directed investments:		
Interest in Visteon Corporation Master Trust investment accounts (Note E)	\$ 477,759,099	\$ 438,446,692
Participant loans receivable	<u>10,881,631</u>	<u>10,077,737</u>
Net Assets Available for Plan Benefits	<u>\$ 488,640,730</u>	<u>\$ 448,524,429</u>

See notes to financial statements.

VISTEON INVESTMENT PLAN

STATEMENT OF CHANGES IN NET ASSETS AVAILABLE FOR PLAN BENEFITS**For the Year Ended December 31, 2005**

	Participant-Directed Investments
Additions:	
Investment income:	
Net investment income allocated from Visteon Corporation Master Trust	\$ 23,782,530
Interest income on participant loans receivable	<u>509,752</u>
Total Investment Income	24,292,282
Employee contributions	58,210,516
Transfers in and rollovers from other plans	<u>1,079,864</u>
Total Additions	<u>83,582,662</u>
Deductions:	
Plan benefits	43,435,560
Administrative expenses	<u>30,801</u>
Total Deductions	<u>43,466,361</u>
Net Additions	40,116,301
Net Assets Available for Plan Benefits, January 1, 2005	<u>448,524,429</u>
Net Assets Available for Plan Benefits, December 31, 2005	<u>\$ 488,640,730</u>

See notes to financial statements.

VISTEON INVESTMENT PLAN

NOTES TO FINANCIAL STATEMENTS

December 31, 2005 and 2004

NOTE A — DESCRIPTION OF THE PLAN

General

The following brief description of the Visteon Investment Plan (the “Plan”) is provided for general informational purposes only. Participants should refer to the Plan document and amendments for more details regarding the Plan.

The Plan is a defined contribution plan subject to the provisions of the Employee Retirement Income Security Act of 1974, as amended (“ERISA”). The Plan was established to encourage and facilitate systematic savings and investment by eligible salaried employees of Visteon Corporation (“Visteon”) and to provide them with an opportunity to become stockholders of Visteon. The Plan includes provisions for voting shares of Visteon stock.

Eligibility

Participation in the Plan is voluntary. Effective October 1, 2005, the Plan was amended to provide that eligible employees hired on or after October 1, 2005 automatically commence participation, and are deemed to have elected to make contributions of three percent of base pay on a pre-tax basis. Such contributions are invested in the Plan’s default fund, the Fidelity Freedom Funds, until redirected by the participant. Employees who do not wish to participate in the Plan can opt out of the automatic enrollment within 30 days of their date of hire or cancel at anytime thereafter. Regular full-time salaried employees and supplemental employees hired on or after October 1, 2005 are eligible to participate in the Plan immediately. Supplemental employees hired prior to September 30, 2005 are eligible to participate after satisfying a 1,000-hour requirement in a 12-month period.

Contributions

Participants are allowed to contribute on a pre-tax and/or after-tax basis. Under the Plan, and subject to limitations imposed by the Internal Revenue Code of 1986, as amended (the “Code”), participants may elect to contribute up to 50 percent of their eligible wages. Participants who have attained the age of 50 are eligible to make additional pre-tax catch-up contributions. Pre-tax and applicable catch up contributions are excluded from participants’ taxable income.

Visteon suspended employer matching contributions, effective January 1, 2002. In December 2005, the Plan was amended, effective July 1, 2006, to provide that Visteon and its participating affiliates will begin making matching contributions with respect to eligible employee contributions made on or after July 1, 2006. The employer matching contribution will be equal to 25 percent of an employee’s eligible contributions, disregarding contributions in excess of six percent of the employee’s base salary. Matching contributions will be allocated to the same funds and in the same proportion as employee contributions, or as otherwise directed by the participant.

VISTEON INVESTMENT PLAN

NOTES TO FINANCIAL STATEMENTS (CONTINUED)

December 31, 2005 and 2004

NOTE A — DESCRIPTION OF THE PLAN (CONTINUED)

Participant Accounts

Each participant's account is credited with the participant's contributions and allocations of: (a) employer matching contributions from previous periods, (b) Plan earnings, and (c) certain fund expenses. Allocations are based on participant earnings or account balances. Under the Plan, certain funds will charge fees on short-term transfers, which are paid from the participant's account. The benefit to which a participant is entitled is determined from the participant's vested account.

Benefits

Distributions of benefits shall be made upon the occurrence of any one of the following:

- In-service withdrawal of the participant beyond age 59^{1/2}
- Death of the participant
- Hardship withdrawal
- Termination of employment for any reason

Benefits due upon death are paid in a lump-sum and are based on the vested balances in the participants' accounts. Benefits due upon termination or withdrawal are paid in a lump-sum or through installments payable monthly, quarterly, semi-annually, or annually and are based on vested balances in the participants' accounts. In addition, terminated participants with benefits due in excess of \$5,000 may defer such benefits until age 70^{1/2}.

Vesting

Participants are immediately 100 percent vested in their contributions, employer matching contributions and actual earnings thereon, regardless of length of service.

Investment Options

Upon enrollment in the Plan, a participant may direct contributions in any of several investment options, including the Visteon Stock Fund, the Common Stock Fund, and other investment options selected by the Plan's Investment Committee.

Effective December 31, 2005, the Visteon Stock Fund was closed to new contributions and transfers. All units held in the Visteon Stock Fund after June 30, 2006 will be liquidated. After the liquidation process has been completed, all balances will be transferred to the default investment fund, as specified in the Plan, unless redirected to a different fund by the participant.

VISTEON INVESTMENT PLAN

NOTES TO FINANCIAL STATEMENTS (CONTINUED)

December 31, 2005 and 2004

NOTE A — DESCRIPTION OF THE PLAN (CONTINUED)

Investment Options (continued)

Participants may elect an exchange out of the Visteon Stock Fund at any time prior to the transfer to the default investment fund.

Transfers of Assets

The Plan permits the transfer of assets among investment options, with certain restrictions related to transfers to the T. Rowe Price Funds and the Visteon Stock Fund. Transfers of employer matching contributions from the Visteon Stock Fund are permitted.

Participant Loans

Participants may borrow from the Plan a minimum of \$1,000. The maximum amount which may be borrowed is 50 percent of their vested account balances, up to \$50,000. Loans incur an interest rate equal to the annual prime rate, as published by the *Wall Street Journal*. Repayment of any loan is made through employee payroll deductions not less frequently than once per calendar quarter; participants may also make additional payments on loans. A participant who is placed on a leave of absence may also apply for a loan.

Forfeitures

The Plan permits Visteon to use assets forfeited by participants to pay Plan administrative expenses. To the extent that forfeited assets are not available to pay certain administrative expenses, Visteon pays such expenses. As of December 31, 2005 and 2004, forfeited nonvested amounts available to offset future administrative expenses totaled approximately \$17,000 and \$-0-, respectively.

Administration

The Plan administrator is responsible for general administration of the Plan for the exclusive benefit of the Plan's participants and their beneficiaries, subject to the specific terms of the Plan. Assets of the Plan are held and administered by Fidelity Management Trust Company ("Fidelity"), the Plan's trustee. It is Fidelity's responsibility to invest Plan assets in accordance with participants' directions, or as otherwise provided in the trust agreement, and to distribute benefits to participants. Fidelity is also responsible for daily administration of Plan activity. Fidelity Employer Services Company is responsible for payroll administration.

VISTEON INVESTMENT PLAN

NOTES TO FINANCIAL STATEMENTS (CONTINUED)

December 31, 2005 and 2004

NOTE A — DESCRIPTION OF THE PLAN (CONTINUED)

Dividends

Dividends that are distributed from the Visteon Stock Fund are automatically reinvested in the fund, unless the participant elects to receive such dividends in cash.

Employee Stock Ownership Plan

The Plan operates, in part, as an employee stock ownership plan (“ESOP”) and is designed to comply with Code section 4975(e)(7), and the regulations thereunder, and is subject to the applicable provisions of ERISA. Employer matching contributions were invested in Visteon stock and contributed to the ESOP.

NOTE B — SUMMARY OF SIGNIFICANT ACCOUNTING POLICIES

Basis of Accounting

The financial statements of the Plan have been prepared on the accrual basis of accounting.

Master Trust Participation

The Plan participates in the Visteon Corporation Master Trust (the “Master Trust”). See Note E for details of the Plan’s participation in the Master Trust, as well as the valuation of the investments in the Master Trust.

Investments

Participant loans receivable are valued at cost, which approximates fair value.

Purchases and sales of Plan and Master Trust investment account securities are reflected on a trade-date basis. Gains and losses on sales of securities are based on average costs. Dividend income of the investment accounts is recorded on the ex-dividend date. Income from other investments is recorded as earned on an accrual basis.

Contributions

Employee and employer contributions are recorded in the period that payroll deductions are made from participants. Participants’ pre-tax and after-tax contributions are paid to the Plan when amounts can be reasonably segregated.

VISTEON INVESTMENT PLAN

NOTES TO FINANCIAL STATEMENTS (CONTINUED)

December 31, 2005 and 2004

NOTE B — SUMMARY OF SIGNIFICANT ACCOUNTING POLICIES (CONTINUED)

Payment of Benefits

Plan benefits are recorded when paid.

Administrative Expenses

Brokerage fees associated with exchanges into and out of the Visteon Stock Fund, as well as management fees for the Common Stock Fund and the Barclays Global Investors Bond Index Fund, are paid from the respective fund assets. Other expenses of administering the Plan are paid either out of forfeited assets or by Visteon and are not charged to the participants' accounts.

Use of Estimates

The preparation of financial statements in conformity with accounting principles generally accepted in the United States of America requires management to make estimates and assumptions that affect the reported amounts of assets and liabilities, as well as disclosure of contingent assets and liabilities, at the date of the financial statements, and the reported amounts of changes in net assets during the reporting period. Actual results could differ from those estimates.

Risks and Uncertainties

The Master Trust invests in various securities, including registered investment companies. Investment securities, in general, are exposed to various risks, such as interest rate, credit, and overall market volatility. Due to the level of risk associated with certain investment securities, it is reasonably possible that changes in the values of investment securities will occur in the near term and that such changes could materially affect the amounts reported in the financial statements.

NOTE C — INCOME TAX STATUS

The Plan obtained its latest determination letter on January 28, 2003, in which the Internal Revenue Service stated that the Plan, as then designed, was in compliance with the applicable requirements of the Code. The Plan has been amended since receiving the determination letter. However, the Plan administrator and the Plan's tax counsel believe that the Plan is currently designed and being operated in compliance with the applicable requirements of the Code. Therefore, no provision for income taxes has been included in the Plan's financial statements.

VISTEON INVESTMENT PLAN

NOTES TO FINANCIAL STATEMENTS (CONTINUED)

December 31, 2005 and 2004

NOTE D — PLAN TERMINATION

Although it has expressed no intention to do so, Visteon has the right to terminate the Plan, subject to the requirements of ERISA. In the event the Plan is terminated, the net assets available to provide benefits would be distributed to the participants in proportion to their respective account balances after payment of expenses properly charged against the Plan.

Termination of the Plan would not affect the rights of a participant as to: (a) the continuance of investment, distribution, or withdrawal of the securities, cash, and cash value of the Visteon Stock Fund units in the account of the participant as of the effective date of such termination, or (b) continuance of vesting of such securities and cash attributable to employer matching contributions or earnings thereon.

NOTE E — MASTER TRUST INVESTMENTS

The Master Trust combines, for investment purposes, assets of the Visteon Investment Plan and the Visteon 401(k) Savings Plan (collectively, the “Plans”). The assets of the Master Trust are held in separate trust accounts.

The Plans hold units of the investment accounts, and each unit represents an equal undivided interest in the assets of that investment account. Investment income and administrative expenses relating to the Master Trust are allocated to the individual Plans based upon each Plan’s units as a percentage of the total units of the Master Trust as of the valuation date. The percentage of assets held by each of the Plans also may change by the purchase or sale of assets at each monthly valuation date.

Estimated fair value amounts have been determined using available market information and various valuation methods, depending on the type of instrument. In evaluating the fair value information, considerable judgment is required to interpret the market data used to develop the estimates. The use of different market assumptions and/or different valuation techniques may have a material effect on the estimated fair value amounts. Accordingly, the estimates of fair value presented herein may not be indicative of the amounts that could be realized in a current market exchange.

The units of the investment accounts are valued at the end of each month based on the fair value of the underlying assets as determined by Fidelity at those dates.

Investments in Visteon common stock and registered investment companies are valued at quoted market prices existing on the regular monthly valuation dates. Interests in common and commingled trust funds are valued at unit values based on the fair value of the underlying investments, estimated as determined by Fidelity.

VISTEON INVESTMENT PLAN

NOTES TO FINANCIAL STATEMENTS (CONTINUED)**December 31, 2005 and 2004****NOTE E — MASTER TRUST INVESTMENTS (CONTINUED)**

The Plan's investments and, therefore, the Master Trust's investments are directed by participants based on their elections.

The investment accounts of the Master Trust as of December 31, 2005 and 2004 are summarized as follows:

	<u>2005</u>	<u>2004</u>
	(in thousands)	
Investments at Fair Value as Determined by Quoted Market Price:		
Registered investment companies	\$ 421,229	\$ 288,629
Common stock	25,817	43,895
Investments at Estimated Fair Value:		
Common and commingled trust funds	<u>33,267</u>	<u>107,615</u>
 Net Assets of Investment Accounts	 <u>\$ 480,313</u>	 <u>\$ 440,139</u>
 Plan's Approximate Percentage Interest in Investment Accounts	 <u>99.47%</u>	 <u>99.62%</u>

Net investment income in the Master Trust for the year ended December 31, 2005 is as follows:

	(in thousands)
Interest and dividend income	<u>\$ 17,190</u>

Net appreciation (depreciation) of Master Trust assets by type of investment during the year ended December 31, 2005 is as follows:

	(in thousands)
Investments at Fair Value as Determined by Quoted Market Price:	
Registered investment companies	\$ 14,280
Common stock	(9,949)
Investments at Estimated Fair Value:	
Common and commingled trust funds	<u>2,408</u>
 Net Appreciation in Fair Value of Investments	 <u>\$ 6,739</u>

VISTEON INVESTMENT PLAN

NOTES TO FINANCIAL STATEMENTS (CONTINUED)

December 31, 2005 and 2004

NOTE F — PARTY-IN-INTEREST TRANSACTIONS

Certain Master Trust investments are shares of registered investment companies and units of collective trusts managed by Fidelity Management and Research Company; Fidelity Management Trust Company is the Plan's trustee. Therefore, these transactions qualify as party-in-interest transactions. Also, certain administrative expenses and investment management service fees are paid by Visteon.

NOTE G — LITIGATION

In March and April 2005, Visteon and a number of current and former employees, officers, and directors were named as defendants in three class action lawsuits brought under ERISA in the U.S. District Court for the Eastern District of Michigan. In September 2005, the plaintiffs filed an amended and consolidated complaint, which generally alleges that the defendants breached their fiduciary duties under ERISA during the class period by, among other things, continuing to offer Visteon stock as an investment alternative under the Plan and the Visteon 401(k) Savings Plan (collectively, the "Plans"), failing to disclose complete and accurate information regarding the prudence of investing in Visteon stock, failing to monitor the actions of certain of the defendants, and failing to avoid conflicts of interest or promptly resolve them. The consolidated complaint was brought on behalf of a named plaintiff and a putative class consisting of all participants or beneficiaries of the Plans whose accounts included Visteon stock at any time from July 20, 2001 through May 25, 2005. Class action status has not yet been certified in this litigation. In November 2005, the defendants moved to dismiss the consolidated amended complaint on various grounds.

Visteon and its current and former directors and officers intend to contest the foregoing lawsuits vigorously. In addition, Visteon, its insurer and plaintiffs' counsel are engaged in settlement negotiations. However, at this time, it is not possible to predict with certainty the final outcome of the foregoing lawsuits or the amount or range of any potential monetary relief that may be payable to the Plans.

SUPPLEMENTAL SCHEDULE

VISTEON INVESTMENT PLAN
(Federal Employer Identification Number: 38-3519512; Plan Number: 002)

SCHEDULE OF ASSETS HELD FOR INVESTMENT PURPOSES
(Form 5500, Schedule H, Item 4i).

December 31, 2005

<u>Party-in-Interest</u>	<u>Identity of Issue, Borrower, Lessor, or Similar Party</u>	<u>Description of Investment (Including Maturity Date, Rate of Interest, Collateral, and Par or Maturity Value)</u>	<u>Cost</u>	<u>Current Value</u>
*	Plan participants	Loans receivable; interest rates ranged from 4.0 percent to 10.5 percent during 2005, maturing through 2016	\$ -0-	\$10,881,631

There were no investment assets reportable as acquired and disposed of during the year ended December 31, 2005. This schedule does not include investment assets held by the Visteon Corporation Master Trust.

SIGNATURE

Pursuant to the requirements of the Securities Exchange Act of 1934, the trustees (or other persons who administer the employee benefit plan) have duly caused this report to be signed on its behalf by the undersigned thereunto duly authorized.

VISTEON INVESTMENT PLAN
(Name of Plan)

June 28, 2006

/s/ Dorothy L. Stephenson

Dorothy L. Stephenson
Visteon Investment Plan
Administrative Committee

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VISTEON INVESTMENT PLAN

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EXHIBIT:

Exhibit 23 - Consent of Independent Registered Public Accounting Firm

CONSENT OF INDEPENDENT REGISTERED PUBLIC ACCOUNTING FIRM

June 2, 2006

To the Board of Directors and Stockholders
Visteon Corporation
Van Buren Township, Michigan

We consent to the incorporation, by reference in the Registration Statement No. 333-39756 on Form S-8 of Visteon Corporation, of our report dated June 2, 2006, with respect to the statements of net assets available for plan benefits of the Visteon Investment Plan as of December 31, 2005 and 2004, the related statement of changes in net assets available for plan benefits for the year ended December 31, 2005, and the related supplemental schedule of assets held for investment purposes as of December 31, 2005, which report appears in the December 31, 2005 Annual Report on Form 11-K of the Visteon Investment Plan.

/s/ GEORGE JOHNSON & COMPANY
CERTIFIED PUBLIC ACCOUNTANTS
Detroit, Michigan