FORM 4

## **UNITED STATES SECURITIES AND EXCHANGE COMMISSION**

Washington, D.C. 20549

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP

| 1 | OIVID APPROVAL           |           |  |  |  |  |  |  |  |
|---|--------------------------|-----------|--|--|--|--|--|--|--|
|   | OMB Number:              | 3235-0287 |  |  |  |  |  |  |  |
| 1 | Estimated average burden |           |  |  |  |  |  |  |  |

0.5

hours per response:

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Check this box if no longer subject to Section 16. Form 4 or Form 5 obligations may continue. See Instruction 1(b).

Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934 or Section 30(h) of the Investment Company Act of 1940

|   |   |  |  |   |                  |   | ,   | ,   |  |           | . ,   |   |  |  |   |                                    |  |                                       |  |
|---|---|--|--|---|------------------|---|---|---|--|-----------|---|---|--|--|---|------------------------------------|--|---------------------------------------|--|
| Name and Address of Reporting Person*     Donofrio John |   |  |  | 2. Issuer Name and Ticker or Trading Symbol VISTEON CORP [ VC ] |                  |   |   |   |  |           | (Che  | elationship o<br>eck all applic<br>Directo                          | able)                                  | g Pers   | 10% Ov  |                                    |  |                                       |  |
| (Last) (First) (Middle) ONE VILLAGE CENTER DRIVE        |   |  |  |   |                  | 3. Date of Earliest Transaction (Month/Day/Year) 02/21/2007 |   |   |  |           |   |   |  |  | /P & Gei  | neral (                            | below)   | Бреспу                                |  |
| (Street) VAN BUREN TOWNSHIP MI 48111                    |   |  |  |   | 4. If            | 4. If Amendment, Date of Original Filed (Month/Day/Year)    |   |   |  |           |   |   |  | 6. Individual or Joint/Group Filing (Check Applicable Line)  X Form filed by One Reporting Person Form filed by More than One Reporting Person |   |                                    |  |                                       |  |
| (City)  | (Sta  | te) (2                                     | Zip)   |   |                  |   |   |   |  |           |   |   |  |  |   |                                    |  |                                       |  |
|   |   | Tabl                                       | le I - Noi                                   | n-Deriv   | ative            | Sec   | uriti   | es Acc  | juired,  | Dis       | posed of                                      | , or Ber  | neficially                             | y Owned  |   |                                    |  |                                       |  |
|   |   |  |  | 2. Trans<br>Date<br>(Month/I                                    | n/Day/Year)   Ex |   | 2A. Deemed<br>Execution Date,<br>if any<br>(Month/Day/Year) |   | Transaction Disposed Code (Instr.                              |           | ies Acquired (A) or<br>Of (D) (Instr. 3, 4 an |   | Beneficia<br>Owned F                   | s<br>ally<br>ollowing  | 6. Ownership<br>Form: Direct<br>(D) or Indirect<br>(I) (Instr. 4)                       |                                    | 7. Nature of Indirect Beneficial Ownership                               |                                       |  |
|   |   |  |  |   |                  |   |   |   | Code   | v         | Amount  | (A) or<br>(D)   | Price                                  | Reported<br>Transacti<br>(Instr. 3 a   | ion(s)  |                                    |  | (Instr. 4)                            |  |
| Common Stock 02/21                                      |   |  |  |   | /2007            |   | M   |   | 30,000   | 0,000 A S |   | 30,   | 30,000                                 |  | D   |                                    |  |                                       |  |
| Common Stock 02/21                                      |   |  |  | /2007   |                  |   | D   |   | 30,000   | D         | \$9.125                                       | 0   |  |  | D   |                                    |  |                                       |  |
|   |   | Т  |  |   |                  |   |   |   |  |           | osed of,<br>onvertib                          |   |  | Owned  |   |                                    |  |                                       |  |
| 1. Title of<br>Derivative<br>Security<br>(Instr. 3)     | 2.<br>Conversion<br>or Exercise<br>Price of<br>Derivative<br>Security | 3. Transaction<br>Date<br>(Month/Day/Year) | 3A. Deem<br>Execution<br>if any<br>(Month/Da | Date, Transac<br>Code (Ir                                       |                  |   | of<br>Deri<br>Seci<br>Acq<br>(A) o<br>Disp<br>of (E         | umber vative urities uired or oosed O) (Instr. and 5) | 6. Date Exercisable and<br>Expiration Date<br>(Month/Day/Year) |           |   | 7. Title an<br>of Securit<br>Underlyin<br>Derivative<br>(Instr. 3 a | g<br>Security                          | 8. Price of<br>Derivative<br>Security<br>(Instr. 5)  | 9. Number derivative Securitie: Beneficia Owned Following Reported Transacti (Instr. 4) | e Ow<br>s For<br>ally Dire<br>or I | 10.<br>Ownership<br>Form:<br>Direct (D)<br>or Indirect<br>(I) (Instr. 4) | Beneficial<br>Ownership<br>(Instr. 4) |  |
|   |   |  |  |   | Code             | v   | (A)   | (D)   | Date<br>Exercisa   | able      | Expiration<br>Date                            | Title   | Amount<br>or<br>Number<br>of<br>Shares |  |   |                                    |  |                                       |  |
| Stock<br>Appreication<br>Right                          | \$4.76  | 02/21/2007                                 |  |   | M                |   |   | 30,000  | (1)  |           | 02/04/2011                                    | Common<br>Stock   | 30,000                                 | \$0.00   | 70,39   | )2                                 | D  |                                       |  |

## **Explanation of Responses:**

1. The stock appreciation right is exercisable to the extent of 33% of the rights granted after one year from the date of grant, 66% in two years and in full after three years.

## Remarks:

Heidi A. Sepanik, Secretary, Visteon Corporation on behalf 02/23/2007 of John Donofrio

\*\* Signature of Reporting Person Date

Reminder: Report on a separate line for each class of securities beneficially owned directly or indirectly.

- \* If the form is filed by more than one reporting person, see Instruction 4 (b)(v).
- \*\* Intentional misstatements or omissions of facts constitute Federal Criminal Violations See 18 U.S.C. 1001 and 15 U.S.C. 78ff(a).

Note: File three copies of this Form, one of which must be manually signed. If space is insufficient, see Instruction 6 for procedure.

Persons who respond to the collection of information contained in this form are not required to respond unless the form displays a currently valid OMB Number.