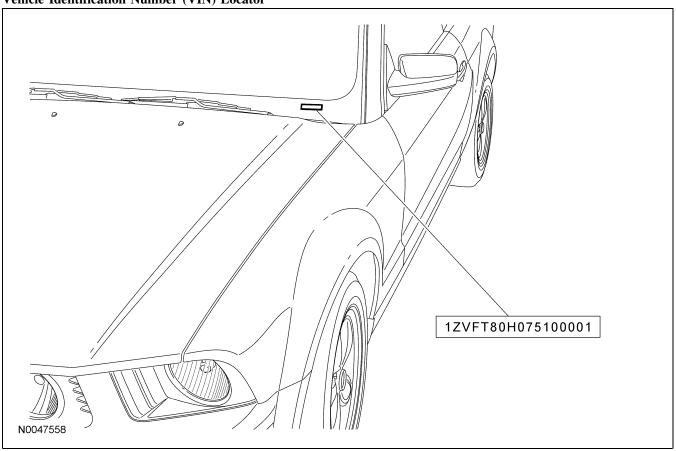
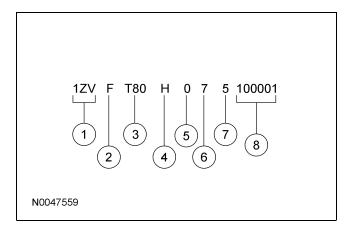
# **DESCRIPTION AND OPERATION**

### **Identification Codes**

Vehicle Identification Number (VIN) Locator



The vehicle identification number (VIN) is a 17-digit alphanumeric code. The VIN is stamped on a metal tab riveted to the instrument panel, top upper left of the dash. The VIN number is also found on the vehicle certification (VC) label.

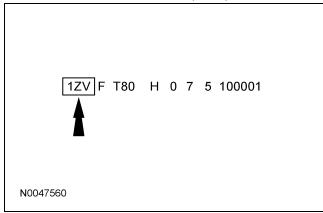


Item	Description
1	World manufacturer identifier (WMI)
2	Restraint-type code
3	Line, series, body type
4	Engine code
5	Computer-generated VIN check digit

Item	Description
6	Model year code
7	Assembly plant code
8	Production sequence number

### **Vehicle Identification Number**

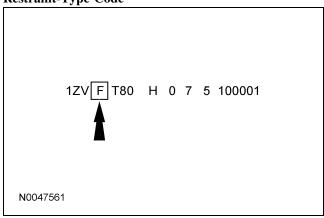
World Manufacturer Identifier (WMI)



The first 3 vehicle identification number (VIN) positions are the world manufacturer identifier (WMI).

• 1ZV — Ford, USA, passenger car

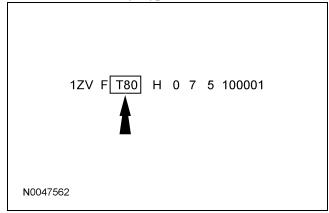
**Restraint-Type Code** 



The fourth VIN position is the vehicle restraint system type code.

- F Active safety belts, all positions driver and front passenger air bags
- H Active safety belts, all positions driver and front passenger air bags with side impact air bags

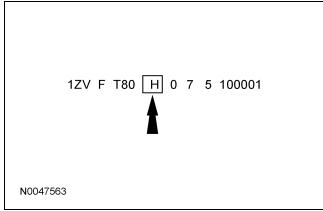
Line, Series and Body Type Code



Positions 5 through 7 indicate vehicle line, series and body type.

- T80 2-door coupe, base
- T82 2-door coupe, GT
- T84 2-door convertible, base
- T85 2-door convertible, GT
- T88 2-door coupe, Shelby
- T89 2-door convertible, Shelby

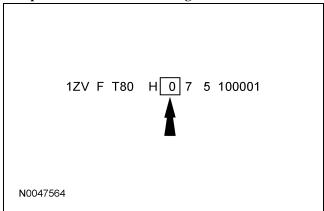
**Engine Code** 



The eighth VIN position is the engine displacement and number of cylinders code.

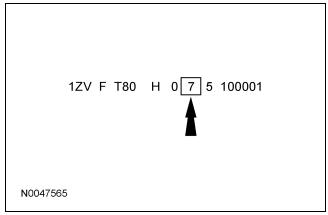
- H 4.6L, OHC, 3-valve, EFI, 8-cylinder
- N 4.0L, SOHC, EFI, 6-cylinder
- S 5.4L, DOHC, 4-valve, EFI, 8-cylinder

**Computer-Generated Check Digit** 



The ninth VIN position is a government-assigned, computer-generated check digit code (0-9).

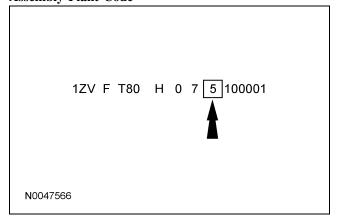
**Model Year Code** 



The tenth VIN position is the model year code.

• 7 — 2007

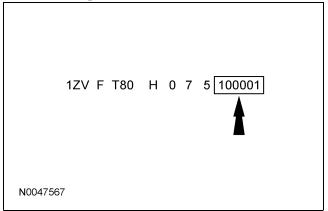
**Assembly Plant Code** 



The eleventh VIN position is the assembly plant code.

• 5 — Auto Alliance International (AAI) — Flat Rock, Michigan (USA)

**Production Sequence Number** 

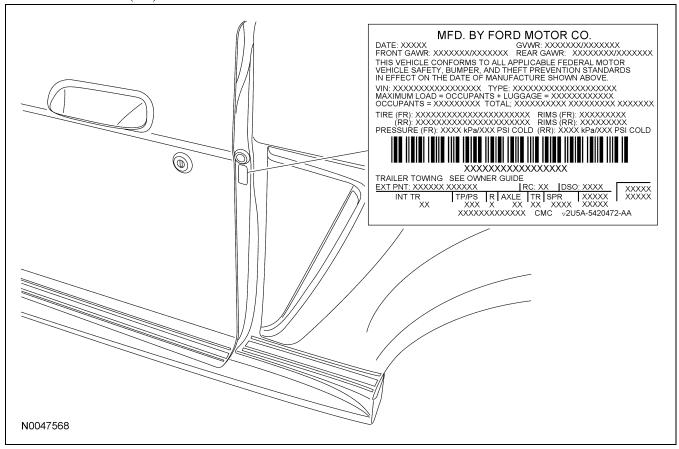


The last 6 VIN positions are the production sequence number. This number is also used as the vehicle serial and warranty number.

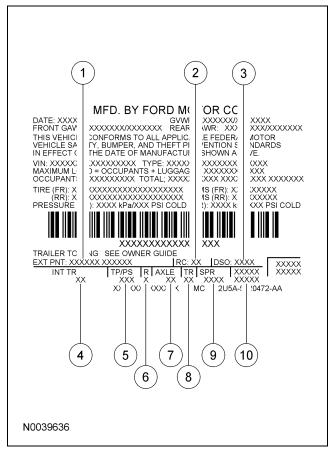
• 100001-599999

### **Vehicle Certification (VC) Label**

Vehicle Certification (VC) Label Locator

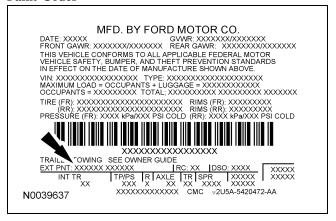


The upper portion of the vehicle certification (VC) label contains the manufacturer name, the month and year of manufacture, the certification statement and the vehicle identification number (VIN). It also includes gross vehicle weight ratings (GVWR). The VC label is located on the LH door jamb.



Item	Description
1	Exterior paint color code
2	Region code
3	Special order code DSO — domestic special order FSO — foreign special order PTO — paint, tire option special order
4	Interior trim code
5	Tape/paint stripe code
6	Radio type code
7	Axle ratio code
8	Transmission code
9	Spring code
10	Powertrain calibration code

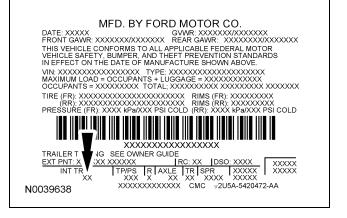
#### **Paint Codes**



Paint codes may be listed as a 2-part code. The first set of paint code letters/numbers listed indicate the vehicle primary body color. The second set of paint code letters/numbers listed (if applicable) indicate a 2-tone or accent body color. All colors are base coat/clear coat.

- D3 Colorado Red
- G2 Redfire
- G5 Alloy Gray
- G9 Vista Blue
- HP Performance White
- P3 Windveil Blue
- T8 Tungsten Silver
- TL Satin Silver
- U3 Valencia
- UA Ebony

#### **Interior Trim Codes**



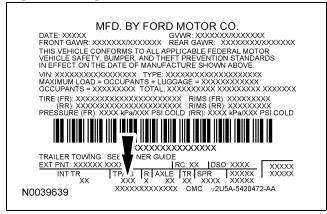
The interior trim codes are listed as a 2-part code. The first character listed is the interior fabric. The second character listed is the interior color.

- 5 Cloth seats with logo GT
- F Preferred suede leather California Edition
- G No grain mini perforation Shelby
- J Verona leather seats Base
- K Nudo/Aberdeen leather seats GT and Base
- P Cloth seats Base

The interior trim colors are:

- 2 Light Graphite
- 4 Charcoal Black/Chamois
- C Charcoal Black/Camel
- D Charcoal/Dove
- H Camel Tan
- R Midnight Black/Crimson Red
- W Charcoal Black

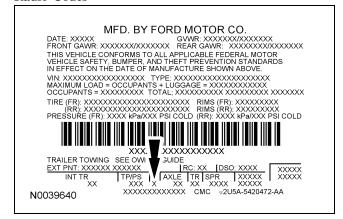
### **Tape/Paint Stripe Codes**



The tape and paint stripe codes are:

- 1 Black
- 2 Oxford White
- 3 Light Pearl Gold
- 4 Performance White
- 6 Tungsten
- 7 Silver
- 8 Vista Blue
- X Satin Black

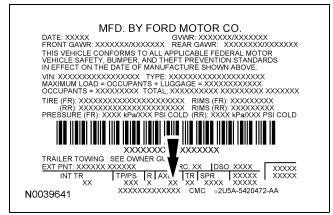
#### Radio Codes



The radio type codes are:

- 5 Premium electronic AM/FM stereo with compact disc (CD) player and clock
- 9 CDX6+, AM/FM stereo with 6-disc CD changer, MP3 and speed-sensing volume control

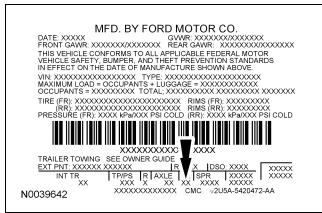
#### **Axle Ratio Codes**



The axle ratios are:

- BG 3.31 non-limited slip, base vehicle with manual or automatic transmission
- CD 3.55 limited slip, GT with manual transmission
- CG 3.31 limited slip, GT with automatic transmission

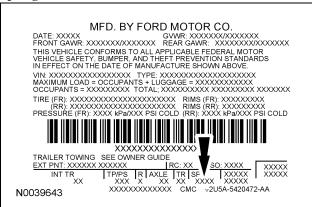
#### **Transmission Codes**



The transmission codes are:

- E 6-speed manual (T56) Shelby
- F 5-speed manual (T5OD/TR3150) Base
- K 5-speed manual (TR3650) GT
- L 5-speed automatic (5R55S) Base/GT

### **Spring Codes**



The spring code portion of the vehicle certification (VC) label identifies both the front and rear springs. The first set of characters listed indicate the front spring code. The second set of characters indicate the rear spring code.

### **Front Springs**

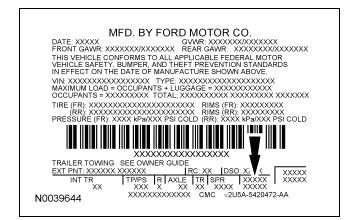
- AA 4R33-5310-AA
- BB 4R33-5310-BA

- CC 4R33-5310-CA
- DD 4R33-5310-DA
- FF 4R33-5310-FA
- GG 4R33-5310-GA

### Rear Springs

- AA 5R33-5560-AA
- BB 5R33-5560-BA
- CC 5R33-5560-CA
- DD 5R33-5560-DA
- EE 5R33-5560-EB
- FF 5R33-5560-FA
- GG 5R33-5560-GA
- HH 5R33-5560-HA
- JJ 7R3V-5560-JB
- KK 7R3V-5560-KB
- LL 7R3V-5560-LA
- MM 7R3V-5560-MA

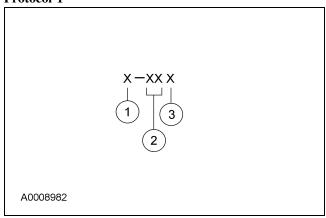
### **Powertrain Calibration Information**



**NOTE:** Powertrain calibration information is limited to a maximum of 5 characters per line on the Vehicle Certification (VC) Label. Because of this, calibration identification consisting of more than 5 characters will wrap to the second line on the VC label.

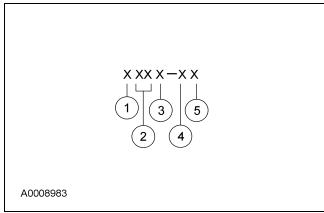
Powertrain calibration information is printed in the lower right corner of the Vehicle Certification Label. Only the base calibration information is printed. Revision levels will not appear, however, this information can be found in the On Line Automotive Service Information System (OASIS). For the current model year, Ford Motor Company is using 3 different protocols which describe powertrain base calibration. These protocols are designed to provide worldwide standardization for vehicle calibration. If the electronic calibration strategy has been used since 1998 and carried into the current model year, Protocol 1 will be used. Refer to Protocol 1 below. If the electronic calibration strategy has been used since 1999 and is carried into the current model year, Protocol 2 will be used. Refer to Protocol 2 below. For new electronic calibration strategies introduced since the 2000 model year, use Protocol 3. Refer to Protocol 3 below.

#### Protocol 1



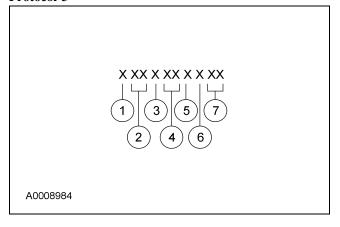
Item	Description
1	Model year (model year in which calibration strategy was first introduced)
2	Engine code
3	Engine revision level

#### **Protocol 2**



Item	Description
1	Model year (model year in which calibration strategy was first introduced)
2	Engine code
3	Transmission code
4	Emission standard (designates the specific country emission standard)
5	Design level (design level assigned to the engine)

#### Protocol 3



Item	Description
1	Model year (model year in which calibration strategy was first introduced)
2	Vehicle code
3	Transmission code
4	Unique calibration (designates different hardware to similar vehicles). Example: tires, drive ratios, etc.

Item	Description
5	Fleet code (describes fleet to which the vehicle belongs). Example: 6 - evaporative emissions
6	Certification region (lead region where multiple regions are included in one calibration). Example: A - U.S. federal
7	Revision level (will advance as revisions occur). Not printed on label

#### **Protocol 3**

The following offers a more detailed explanation of the coding strategy used for Protocol 3.

### **Model Year**

- Y 2000
- 1 2001
- 2 2002
- 3 2003
- 4 2004
- 5 2005
- 6 2006
- 7 2007

### **Vehicle Line**

• ZF — Mustang

#### **Transmission**

- 1 Automatic transmission
- 2 Manual transmission

### **Unique Calibration**

The Emissions/CAFE/CO2 Compliance Department is responsible for assigning these calibration numbers. Unique calibration identifications are assigned to cover similar vehicles to differentiate tires, drive configurations, final drive ratios and other calibration-significant factors.

These 2 characters are chosen by the analyst to provide easily identifiable information unique to each calibration. For example, using the number 2 to denote a 2-valve engine versus using the number 4 to denote a 4-valve engine.

#### **Fleet Code**

- 1 HDGE/Dyno
- 2 Fast AMA, U.S.
- 3 ADP, U.S.
- 4 Not assigned

- 5 Not assigned
- 6 Evaporative emissions
- 7 MACAA
- 8 On-board diagnostics (OBD)
- 9 Not assigned

### **Certification Region**

- 5 U.S. 50 states
- A U.S. federal, including altitude, may include Canada and/or Mexico
- B U.S. California standard, includes U.S. green states
- C Canada
- D China
- E European Community (Austria, Belgium, Denmark, Finland, France, Germany, Greece, Ireland, Italy, Luxembourg, Netherlands, Portugal, Spain, Sweden and United Kingdom)
- F Extended European Community (E plus Croatia, Czech Republic, Estonia, Hungary, Norway, Poland, Romania, Russian Federation, Slovakia, Slovenia, Switzerland and Yugoslavia)
- G Gulf Cooperative Council (Bahrain, Kuwait, Oman, Qatar, Saudi Arabia and UAE)
- H Hong Kong
- J Japan
- K Korea
- L Malaysia
- M Mexico
- N New Zealand
- P Australia
- Q South America (Brazil)
- S Singapore
- T Taiwan
- U South America (unleaded fuel regions)
- V Vietnam
- X Rest of world (ROW)
- Y Military
- Z Israel

#### Revision Level (not printed on label)

- 91-99 Hardware certification levels
- 01-04 Preliminary levels
- 00 Job 1 production (initial certification)

- 05-09 Pre-job 1 revisions to calibrations
- 10-89 Post-job 1 revisions to calibrations
- 0B Durability test level
- BD On-board diagnostics (OBD) intermediate level (pre-05)