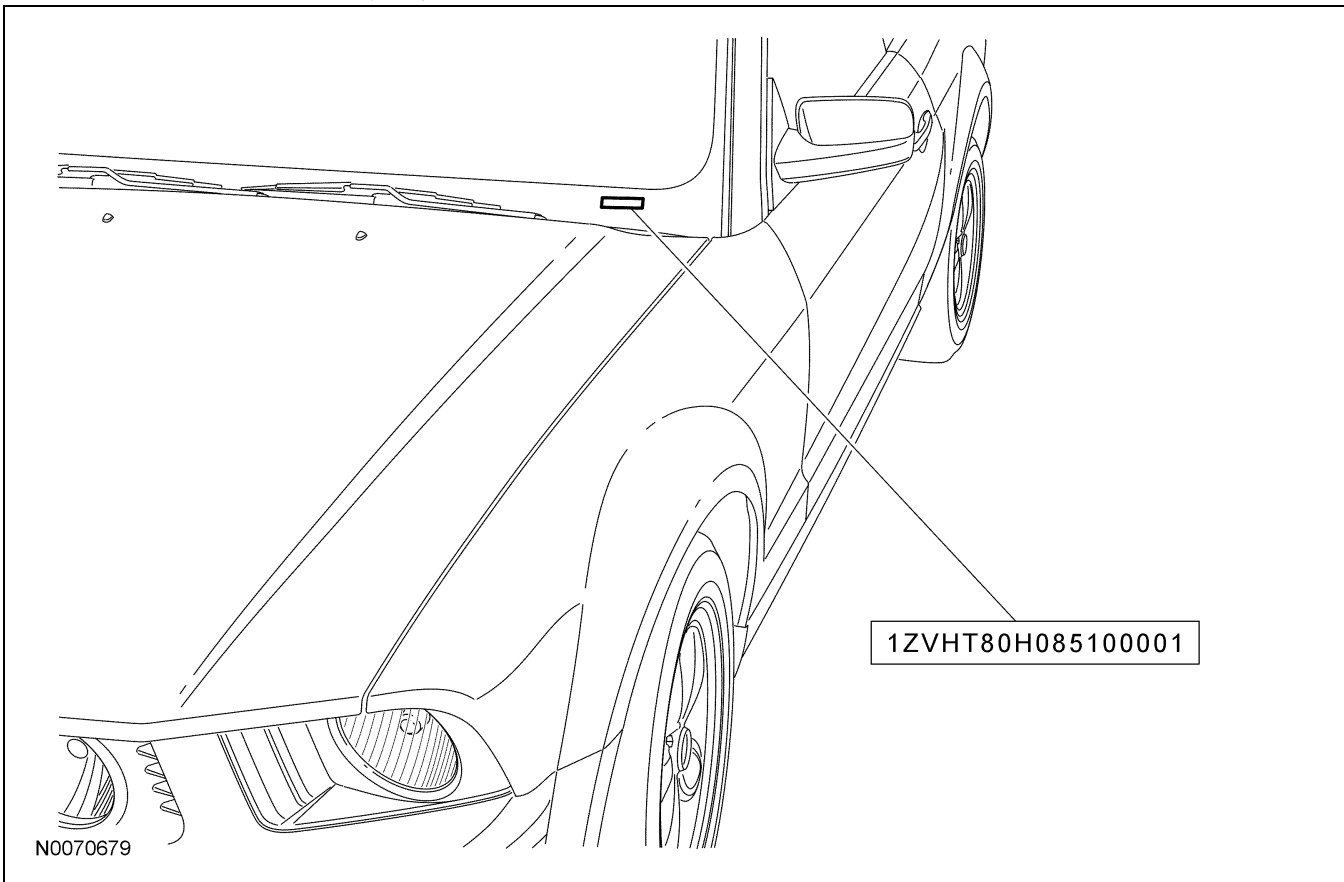


# DESCRIPTION AND OPERATION

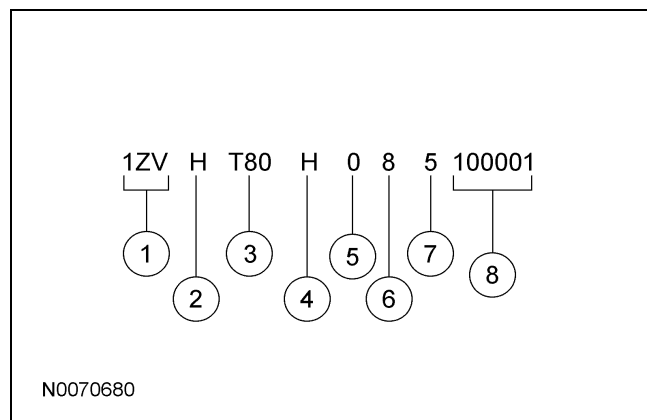
## Identification Codes

### 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.

If the VIN plate requires replacement, authorized dealers must contact their respective regional office.



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

**DESCRIPTION AND OPERATION (Continued)**

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

**Vehicle Identification Number**

**World Manufacturer Identifier (WMI)**

1ZV H T80 H 0 8 5 100001

↑

N0070681

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

- 1ZV — Ford, USA, passenger car

**Restraint-Type Code**

1ZV H T80 H 0 8 5 100001

↑

N0070682

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**

1ZV H T80 H 0 8 5 100001

↑

N0070683

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, GT500
- T89 — 2-door convertible, GT500

**Engine Code**

1ZV H T80 H 0 8 5 100001

↑

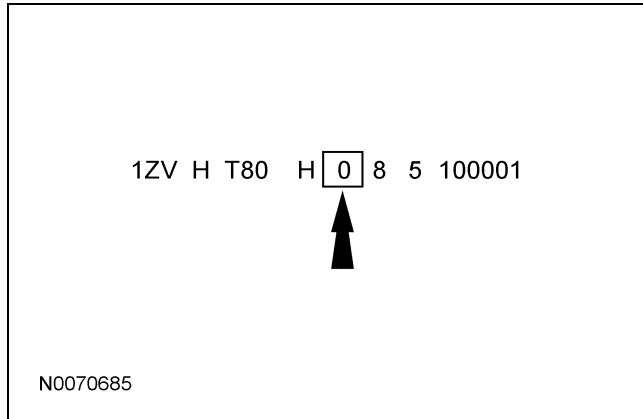
N0070684

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, supercharged, 8-cylinder

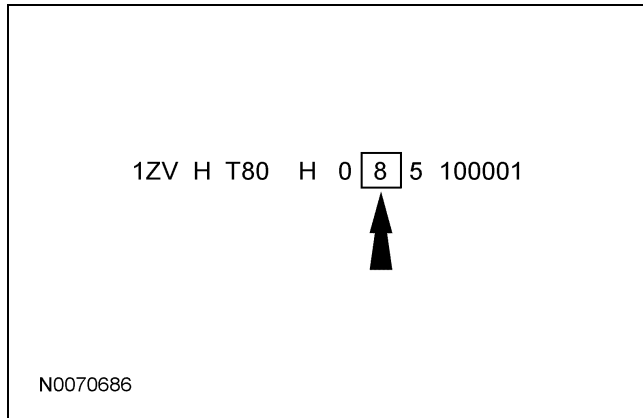
**DESCRIPTION AND OPERATION (Continued)**

**Computer-Generated Check Digit**



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

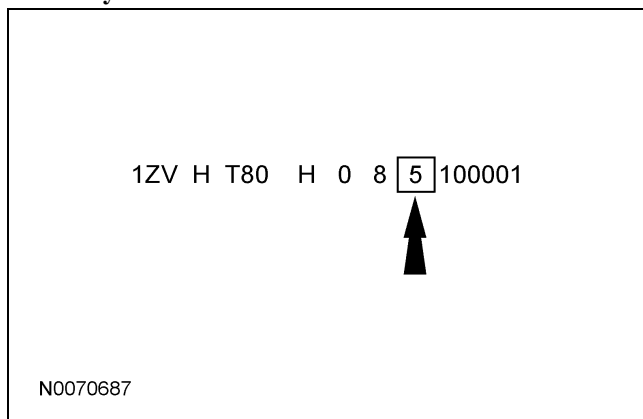
**Model Year Code**



The tenth VIN position is the model year code.

- 8 — 2008

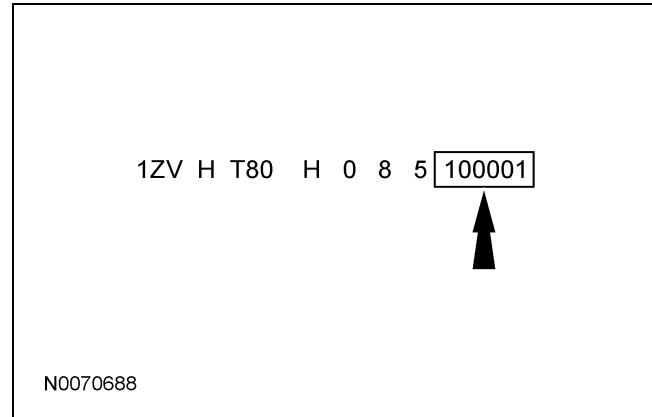
**Assembly Plant Code**



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.

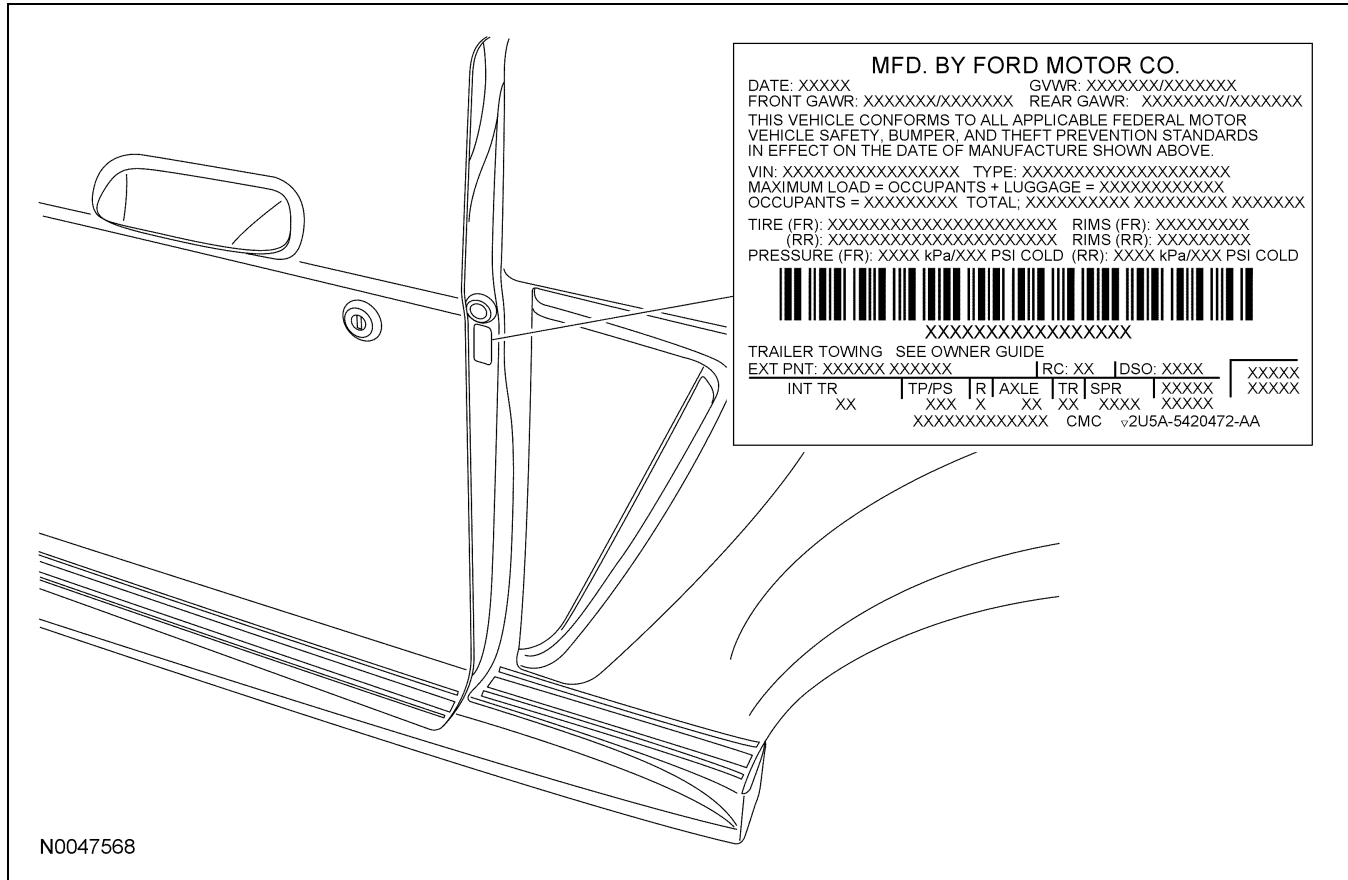
The serial number can also be found on the engine block and transmission.

- 100001-599999

DESCRIPTION AND OPERATION (Continued)

Vehicle Certification (VC) Label

Vehicle Certification (VC) Label Locator



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

If a vehicle requires replacement of the VC label and is 4 years old or less, an authorized dealer must submit the VIN to their respective regional office. The regional office will submit a web form to the assembly plant for the replacement label. Once the label has been printed, a representative from the regional office will deliver the label to the dealer and witness installation on the vehicle. If a vehicle is more than 4 years old and requires a replacement label, the dealer must submit a request to the Department of Motor Vehicles.

**DESCRIPTION AND OPERATION (Continued)**

**1** MFD. BY FORD MOTOR CO.  
DATE: XXXX  
FRONT GAWR: XXXXXXXX/XXXXXXXXX  
THIS VEHICLE CONFORMS TO ALL APPLICABLE FEDERAL MOTOR VEHICLE SAFETY, BUMPER, AND THEFT PREVENTION STANDARDS IN EFFECT ON THE DATE OF MANUFACTURE SHOWN ABOVE.  
VIN: XXXXX  
MAXIMUM LOAD = OCCUPANTS + LUGGAGE = XXXXXXXXXXXXX  
OCCUPANTS = XXXXXXXXXXXX TOTAL: XXXXXXXXXXXX XXXXXXXX  
TIRE (FR): XXXXXXXXXXXXXXXXXXXX RIMS (FR): XXXXXXXX  
(RR): XXXXXXXXXXXXXXXXXXXX RIMS (RR): XXXXXXXX  
PRESSURE (FR): XXXX kPa/XXX PSI COLD (RR): XXXX kPa/XXX PSI COLD

**2** OR CC  
XXXXX/WR: XX  
E FEDERAL MOTOR STANDARDS /E.  
XXXXXX  
XXXXXX  
XXX XXXX

**3** XXXX  
XXXX/XXXXXXXX  
XXXX  
XXXX  
XXXX XXXXXXXX

**4** TRAILER TCG SEE OWNER GUIDE  
EXT PNT: XXXXXXX XXXXXXX

**5** INT TR XX

**6** TP/PS XXX X

**7** R AXLE XX

**8** TR SPR XXXX

**9** IRC: XX DSO: XXXX

**10** XXXXX XXXXX

N0039636

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**

MFD. BY FORD MOTOR CO.  
DATE: XXXX  
FRONT GAWR: XXXXXXXX/XXXXXXXXX REAR GAWR: XXXXXXXX/XXXXXXXXX  
THIS VEHICLE CONFORMS TO ALL APPLICABLE FEDERAL MOTOR VEHICLE SAFETY, BUMPER, AND THEFT PREVENTION STANDARDS IN EFFECT ON THE DATE OF MANUFACTURE SHOWN ABOVE.  
VIN: XXXXXXXXXXXXXXXXXXXX TYPE: XXXXXXXXXXXXXXXXXXXX  
MAXIMUM LOAD = OCCUPANTS + LUGGAGE = XXXXXXXXXXXXX  
OCCUPANTS = XXXXXXXXXXXX TOTAL: XXXXXXXXXXXX XXXXXXXX  
TIRE (FR): XXXXXXXXXXXXXXXXXXXX RIMS (FR): XXXXXXXX  
(RR): XXXXXXXXXXXXXXXXXXXX RIMS (RR): XXXXXXXX  
PRESSURE (FR): XXXX kPa/XXX PSI COLD (RR): XXXX kPa/XXX PSI COLD

XXXXXXXXXXXXXXXXXXXX

TRAILER TCG SEE OWNER GUIDE  
EXT PNT: XXXXXXX XXXXXXX

INT TR XX TP/PS XXX X R AXLE XX TR SPR XXXX

N0039637

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
- G5 — Alloy Gray
- G9 — Vista Blue
- HP — Performance White
- JV — Sangria Red
- PX — Dark Highland Green
- U3 — Valencia
- UA — Ebony
- YN — Silver Metallic
- ZY — Vapor Silver Pearl

**Interior Trim Codes**

MFD. BY FORD MOTOR CO.  
DATE: XXXX  
FRONT GAWR: XXXXXXXX/XXXXXXXXX REAR GAWR: XXXXXXXX/XXXXXXXXX  
THIS VEHICLE CONFORMS TO ALL APPLICABLE FEDERAL MOTOR VEHICLE SAFETY, BUMPER, AND THEFT PREVENTION STANDARDS IN EFFECT ON THE DATE OF MANUFACTURE SHOWN ABOVE.  
VIN: XXXXXXXXXXXXXXXXXXXX TYPE: XXXXXXXXXXXXXXXXXXXX  
MAXIMUM LOAD = OCCUPANTS + LUGGAGE = XXXXXXXXXXXXX  
OCCUPANTS = XXXXXXXXXXXX TOTAL: XXXXXXXXXXXX XXXXXXXX  
TIRE (FR): XXXXXXXXXXXXXXXXXXXX RIMS (FR): XXXXXXXX  
(RR): XXXXXXXXXXXXXXXXXXXX RIMS (RR): XXXXXXXX  
PRESSURE (FR): XXXX kPa/XXX PSI COLD (RR): XXXX kPa/XXX PSI COLD

XXXXXXXXXXXXXXXXXXXX

TRAILER TCG SEE OWNER GUIDE  
EXT PNT: X XXXXXXX

INT TR XX TP/PS XXX X R AXLE XX TR SPR XXXX

N0039638

**DESCRIPTION AND OPERATION (Continued)**

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
- G — No grain mini perforation — GT500
- J — Verona leather seats — Base
- K — Nudo/Aberdeen leather seats — GT
- M — Nudo/Aberdeen leather with contrasting insert — California Special Edition
- N — Mustang Sally leather with stitching
- P — Cloth seats — Base

The interior trim colors are:

- 2 — Medium Dove Gray
- 4 — Charcoal Black/Chamois
- C — Charcoal Black/Camel
- D — Charcoal Black/Medium Dove Gray
- H — Camel Tan
- R — Midnight Black/Crimson Red
- W — Charcoal Black

**Tape/Paint Stripe Codes**

MFD. BY FORD MOTOR CO.  
 DATE: XXXXX GVWR: XXXXXXX/XXXXXXXX  
 FRONT GAWR: XXXXXXX/XXXXXXXX REAR GAWR: XXXXXXX/XXXXXXXX  
 THIS VEHICLE CONFORMS TO ALL APPLICABLE FEDERAL MOTOR VEHICLE SAFETY, BUMPER, AND THEFT PREVENTION STANDARDS IN EFFECT ON THE DATE OF MANUFACTURE SHOWN ABOVE.  
 VIN: XXXXXXXXXXXXXXXXXXXX TYPE: XXXXXXXXXXXXXXXXXXXX  
 MAXIMUM LOAD = OCCUPANTS + LUGGAGE = XXXXXXXXXXXX  
 OCCUPANTS = XXXXXXXX TOTAL: XXXXXXXXXXX XXXXXXXX XXXXXXXX  
 TIRE (FR): XXXXXXXXXXXXXXXXXXXX RIMS (FR): XXXXXXXX  
 (RR): XXXXXXXXXXXXXXXXXXXX RIMS (RR): XXXXXXXX  
 PRESSURE (FR): XXXX kPa/XXX PSI COLD (RR): XXXX kPa/XXX PSI COLD



XXXXXXXXXXXXXXXXXXXX  
 TRAILER TOWING SEE OWNER'S GUIDE  
 EXT PNT: XXXXXX XXXX IRC: XX DSO: XXXX XXXXX XXXXX  
 INT TR XX TP/PS X R AXLE TR SPR XXXX XXXXX  
 XXXXXXXXXXXXXXXX CMC v2U5A-5420472-AA  
 N0039639


The tape and paint stripe codes are:

- 1 — Black
- 2 — Oxford White
- 3 — Light Pearl Gold
- 4 — Performance White
- 7 — Satin Silver
- 8 — Vista Blue
- A — Alloy Gray

- E — Ebony
- P — Pink
- X — Satin Black

**Radio Codes**

MFD. BY FORD MOTOR CO.  
 DATE: XXXXX GVWR: XXXXXXX/XXXXXXXX  
 FRONT GAWR: XXXXXXX/XXXXXXXX REAR GAWR: XXXXXXX/XXXXXXXX  
 THIS VEHICLE CONFORMS TO ALL APPLICABLE FEDERAL MOTOR VEHICLE SAFETY, BUMPER, AND THEFT PREVENTION STANDARDS IN EFFECT ON THE DATE OF MANUFACTURE SHOWN ABOVE.  
 VIN: XXXXXXXXXXXXXXXXXXXX TYPE: XXXXXXXXXXXXXXXXXXXX  
 MAXIMUM LOAD = OCCUPANTS + LUGGAGE = XXXXXXXXXXXX  
 OCCUPANTS = XXXXXXXX TOTAL: XXXXXXXXXXX XXXXXXXX XXXXXXXX  
 TIRE (FR): XXXXXXXXXXXXXXXXXXXX RIMS (FR): XXXXXXXX  
 (RR): XXXXXXXXXXXXXXXXXXXX RIMS (RR): XXXXXXXX  
 PRESSURE (FR): XXXX kPa/XXX PSI COLD (RR): XXXX kPa/XXX PSI COLD




XXXXXXXXXXXXXXXXXXXX  
 TRAILER TOWING SEE OWNER'S GUIDE  
 EXT PNT: XXXXXX XXXX IRC: XX DSO: XXXX XXXXX XXXXX  
 INT TR XX TP/PS X R AXLE TR SPR XXXX XXXXX  
 XXXXXXXXXXXXXXXX CMC v2U5A-5420472-AA  
 N0039640

The radio type codes are:

- 5 — Premium electronic AM/FM stereo with CD player and clock
- 9 — CDX6+, AM/FM stereo with 6-disc CD changer, MP3 and speed-sensing volume control
- X — AM/FM stereo with 6-disc CD changer and navigation system

**Axle Ratio Codes**

MFD. BY FORD MOTOR CO.  
 DATE: XXXXX GVWR: XXXXXXX/XXXXXXXX  
 FRONT GAWR: XXXXXXX/XXXXXXXX REAR GAWR: XXXXXXX/XXXXXXXX  
 THIS VEHICLE CONFORMS TO ALL APPLICABLE FEDERAL MOTOR VEHICLE SAFETY, BUMPER, AND THEFT PREVENTION STANDARDS IN EFFECT ON THE DATE OF MANUFACTURE SHOWN ABOVE.  
 VIN: XXXXXXXXXXXXXXXXXXXX TYPE: XXXXXXXXXXXXXXXXXXXX  
 MAXIMUM LOAD = OCCUPANTS + LUGGAGE = XXXXXXXXXXXX  
 OCCUPANTS = XXXXXXXX TOTAL: XXXXXXXXXXX XXXXXXXX XXXXXXXX  
 TIRE (FR): XXXXXXXXXXXXXXXXXXXX RIMS (FR): XXXXXXXX  
 (RR): XXXXXXXXXXXXXXXXXXXX RIMS (RR): XXXXXXXX  
 PRESSURE (FR): XXXX kPa/XXX PSI COLD (RR): XXXX kPa/XXX PSI COLD



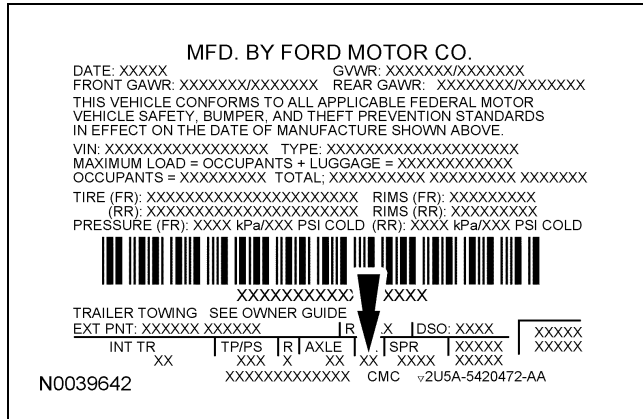
XXXXXXXXXXXXXXXXXXXX  
 TRAILER TOWING SEE OWNER'S GUIDE  
 EXT PNT: XXXXXX XXXX IRC: XX DSO: XXXX XXXXX XXXXX  
 INT TR XX TP/PS X R AXLE TR SPR XXXX XXXXX  
 XXXXXXXXXXXXXXXX CMC v2U5A-5420472-AA  
 N0039641

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

**DESCRIPTION AND OPERATION (Continued)**

**Transmission Codes**



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

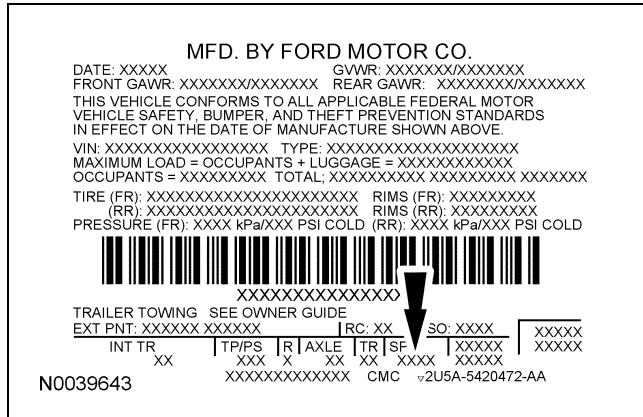
**Rear Springs**

- 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-JA
- KK — 7R3V-5560-KA
- LL — 7R3V-5560-LA
- MM — 7R3V-5560-MA

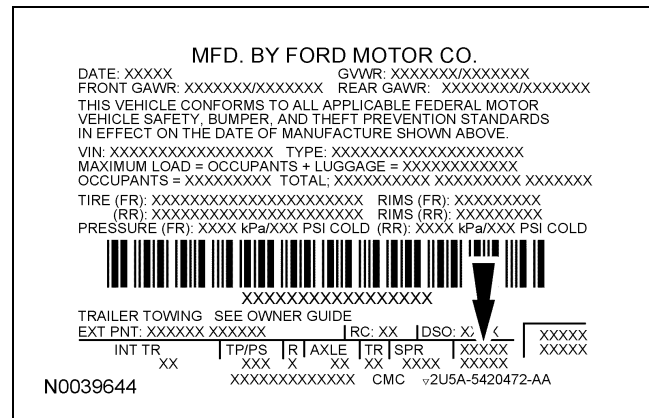
The transmission codes are:

- E — 6-speed manual (TR6060) — GT500
- F — 5-speed manual (T5OD/TR3150) — Base
- K — 5-speed manual (TR3650) — GT
- L — 5-speed automatic (5R55S) — Base/GT

**Spring Codes**



**Powertrain Calibration Information**



The spring code portion of the 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**

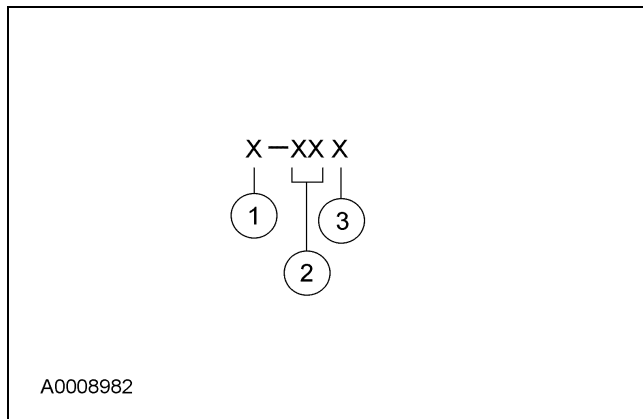
- AA — 4R33-5310-AA
- BB — 4R33-5310-BA

**DESCRIPTION AND OPERATION (Continued)**

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

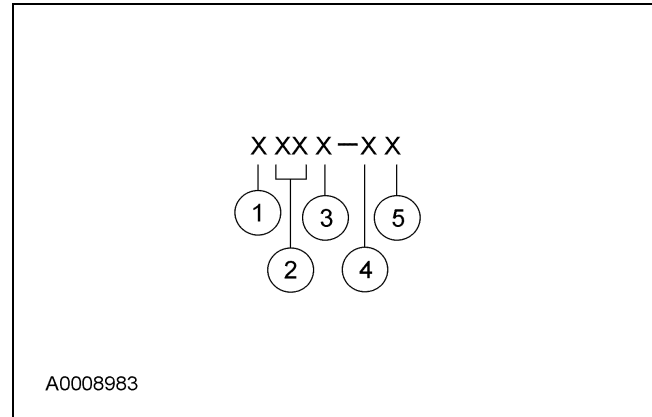
Powertrain calibration information is printed in the lower right corner of the VC label. Only the base calibration information is printed. Revision levels will not appear, however, this information can be found in OASIS. For the current model year, Ford Motor Company is using 3 different protocols which 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**



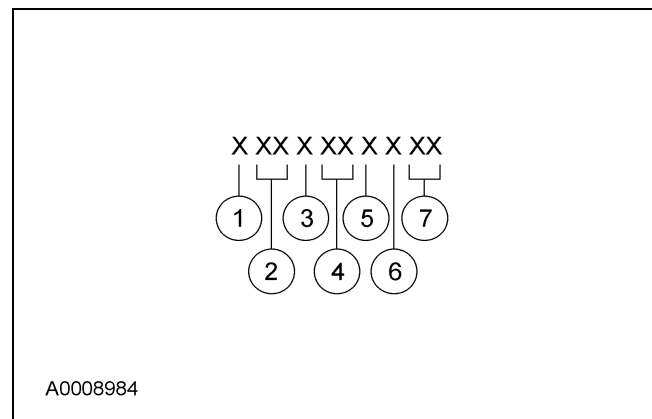
Item	Description
1	Model year (model year in which calibration strategy was first introduced)
2	Engine code
3	Engine revision level

**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.



**DESCRIPTION AND OPERATION (Continued)**

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
- 8 — 2008

**Vehicle Line**

- ZF — Mustang

**Transmission**

- 1 — Automatic transmission
- 2 — Manual transmission

**Unique Calibration**

The Emissions/CAFE/CO<sub>2</sub> 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

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**DESCRIPTION AND OPERATION (Continued)**

- 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)
-