

2024 Table Of Contents

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2024 World Manufacturer Identifier

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World Manufacturer Identifier (VIN Positions 1, 2, and 3)

| Code | Manufacturer | Type |
|---------------------------------------|------------------------------------|--------------------------------|
| Passenger Cars | | |
| 1FA | Ford Motor Company, USA | Passenger Car |
| Generic Truck, Bus, MPV Format | | |
| 1FB | Ford Motor Company, USA | Bus |
| 1FM | Ford Motor Company, USA | Multipurpose Passenger Vehicle |
| 1FT | Ford Motor Company, USA | Truck - Completed Vehicle |
| 2FM | Ford Motor Company of Canada, Ltd. | Multipurpose Passenger Vehicle |
| 2LM | Ford Motor Company of Canada, Ltd. | Multipurpose Passenger Vehicle |
| 3FM | Ford Motor Company, Mexico | Multipurpose Passenger Vehicle |
| 3FT | Ford Motor Company, Mexico | Truck - Completed Vehicle |
| 5LM | Ford Motor Company, USA | Multipurpose Passenger Vehicle |
| NM0 | Ford Motor Company, Europe | Truck - Completed Vehicle |
| Incomplete Vehicles | | |
| 1FC | Ford Motor Company, USA | Basic (Stripped) Chassis |
| 1F6 | Detroit Chassis LLC, USA | Basic (Stripped) Chassis |
| 1FD | Ford Motor Company, USA | Incomplete Vehicle |
| 5LD | Ford Motor Company, USA | Incomplete Vehicle - Limousine |

2024 Restraints & Brakes

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Restraint, Brake System and GVWR Class (VIN Position 4)

| Vehicle Type | Brake System | GVWR Class ** | GVWR Range | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 |
|------------------------------|--------------|---------------|-----------------|---|---|---|---|---|---|---|---|---|----|----|----|----|----|----|----|----|----|----|
| Passenger Car | - | - | - | K | | F | B | H | | 6 | D | U | 5 | | | | G | | | | R | T |
| MPV, Truck | Hydraulic | Class A: | Less than 3,000 | | | | | | | | | | | | | | | | | | | |
| Generic Passenger Car Format | Hydraulic | Class B: | 3,001-4,000 | | A | B | | | | 3 | | | | | | | | | | | | |
| MPV, Truck | Hydraulic | Class C: | 4,001-5,000 | | | Y | K | A | | 6 | C | | | | 7 | | | | | | | |
| MPV, Truck | Hydraulic | Class D: | 5,001-6,000 | | | Z | L | D | G | P | T | U | S | | 8 | | | | | | 4 | |
| MPV, Truck | Hydraulic | Class E: | 6,001-7,000 | | R | 6 | M | E | H | B | F | W | 5 | 2 | | | | | | | K | |
| MPV, Truck | Hydraulic | Class F: | 7,001-8,000 | B | V | R | N | F | J | | H | | Y | | | | | | W | | | |
| MPV, Truck | Hydraulic | Class G: | 8,001-8,500 | | | | P | V | | | | | | | | | | | | | | |
| Truck, Bus | Hydraulic | Class G: | 8,501-9,000 | H | C | N | Y | 6 | Z | | | | | | | | | | | | | 1 |
| Truck, Bus | Hydraulic | Class H: | 9,001-10,000 | J | D | S | B | 7 | A | | | | | | | | | | | | | 2 |
| Truck, Bus | Hydraulic | Class 3: | 10,001-14,000 | K | E | W | R | 8 | V | | | | | | | | | | | | | 3 |
| Truck, Bus | Hydraulic | Class 4: | 14,001-16,000 | L | F | X | T | 9 | | | | | | | | | | | | | | 4 |
| Truck, Bus | Hydraulic | Class 5: | 16,001-19,500 | M | G | A | U | 0 | | | | | | | | | | | | | | 5 |
| Truck, Bus | Hydraulic | Class 6: | 19,501-26,000 | N | | | F | | | | | | | | | | | | | | | 6 |
| Truck, Bus | Hydraulic | Class 7: | 26,001-33,000 | P | | | | | | | | | | | | | | | | | | |
| Truck, Bus | Air | Class 6: | 19,501-26,000 | W | | | | | | | | | | | | | | | | | | |
| Truck, Bus | Air | Class 7: | 26,001-33,000 | X | | | | | | | | | | | | | | | | | | |
| Truck, Bus | Air | Class 8: | 33,001-55,000 | Y | | | | | | | | | | | | | | | | | | |

| Restraint Category | Restraint Devices and Location |
|--------------------|--|
| 1 | Manual Belts WITHOUT Air Bags |
| 2 | Manual Belts with Driver Frontal Air Bag ONLY |
| 3 | Manual Belts with Driver and Passenger Frontal Air Bags |
| 4 | Manual Belts with Driver and Passenger Frontal Air Bags and Side Inflatable Restraint (1st row) |
| 5 | Manual Belts with Driver and Passenger Frontal Air Bags and Side Inflatable Restraint (1st & 2nd Row) |
| 6 | Manual Belts with Driver and Passenger Frontal Air Bags and Side Inflatable Restraint (1st, 2nd, 3rd Row & add'l rows) |
| 7 | Manual Belts with Driver and Passenger Frontal Air Bags and Side Inflatable Restraint (1st & 2nd Row) and Driver/Passenger Knee Restraints |
| 8 | Manual Belts with Driver and Passenger Frontal Air Bags and Side Inflatable Restraint (1st & 2nd Row) and Driver Knee Restraint |
| 9 | Manual belts with Driver and Passenger Frontal Air Bags and Side Inflatable Restraint (1st, 2nd, & 3rd Row) and Driver Knee Restraint |
| 10 | Manual belts with Driver and Passenger Frontal Air Bags and Side Inflatable Restraint (1st, 2nd, & 3rd Row) and Passenger Knee Restraint |
| 11 | Manual belts with Driver and Passenger Frontal Air Bags and Side Inflatable Restraint (1st, 2nd, & 3rd Row) and Passenger Knee Restraint |
| 12 | Manual Belts with Driver Only Frontal Air Bags and Driver Only Side Inflatable Restraint (1st Row) |
| 13 | Manual Belts with Driver Only Frontal Airbags and Side Inflatable Restraints (1st Row) |
| 14 | Manual Belts with Driver and Passenger Frontal Air Bags and Side Inflatable Restraint (1st Row) and Driver/Passenger Knee Restraints |
| 15 | Manual Belts with Driver and Passenger Frontal Air Bags and Driver Knee Restraint |
| 16 | Manual Belts with Driver and Passenger Frontal Air Bags and Side Inflatable Restraint (1st Row) and Driver Knee Restraint |
| 17 | Manual Belts with Driver and Passenger Frontal Air Bags and Side Inflatable Restraint (1st Row) and Passenger Knee Restraints |
| 18 | Manual Belts with Driver and Passenger Frontal Air Bags and Side Inflatable Restraint (1st & 2nd Row) and Passenger Knee Restraints |
| 19 | No Restraints |

2024 Check Digit & Model Year

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Check Digit (VIN Position 9)

See Paragraph 565.15 of Part 565.
The check digit must have a value of 0, 1, 2, 3, 4, 5, 6, 7, 8, 9, or X.

Vehicle Model Year (VIN Position 10)

| <u>VIN Code</u> | <u>YEAR</u> | <u>VIN CODE</u> | <u>YEAR</u> |
|-----------------|-------------|-----------------|-------------|
| 4 | 2004 | N | 2022 |
| 5 | 2005 | P | 2023 |
| 6 | 2006 | R | 2024 |
| 7 | 2007 | S | 2025 |
| 8 | 2008 | T | 2026 |
| 9 | 2009 | V | 2027 |
| A | 2010 | W | 2028 |
| B | 2011 | X | 2029 |
| C | 2012 | Y | 2030 |
| D | 2013 | 1 | 2031 |
| E | 2014 | 2 | 2032 |
| F | 2015 | 3 | 2033 |
| G | 2016 | 4 | 2034 |
| H | 2017 | 5 | 2035 |
| J | 2018 | 6 | 2036 |
| K | 2019 | 7 | 2037 |
| L | 2020 | 8 | 2038 |
| M | 2021 | 9 | 2039 |

**Vehicle Assembly Plant
(VIN Position 11)**

| CODE | Vehicle Assembly Plant Name: Location |
|------|---|
| B | Oakville: Oakville, Ontario |
| D | Ohio Assembly: Avon Lake, Ohio |
| E | Kentucky Truck: Louisville, Kentucky |
| F | Dearborn: Dearborn, Michigan |
| G | Chicago: Chicago, Illinois |
| K | Kansas City; Claycomo, Missouri |
| L | Michigan Assembly: Wayne, Michigan |
| M | Cuautitlan: Cuautitlan, Mexico |
| N | Chicago SHO Center, Chicago, Illinois |
| R | Hermosillo: Hermosillo, Mexico |
| W | Rouge Electric: Dearborn, MI |
| 0 | Detroit Empowerment Zone: Detroit, MI |
| 5 | Flat Rock Assembly Plant (AAI): Flat Rock, MI |
| 1 | Valencia Assembly Plant; Valencia, Spain |
| U | Louisville Assembly Plant: Louisville, Kentucky |
| 4 | Saarlouis Assembly Plant; Saarlouis, Germany |

* Detroit Chassis LLC and MSX International

**Sequential Vehicle Identifier
(VIN Positions 12 through 17)**

Passenger Cars:

A unique six digit numeric sequence code is assigned to each passenger car by the vehicle assembly plant of manufacture.

100001 thru 599999

Trucks, MPVs, Buses and Incomplete Vehicles:

A unique six digit alphanumeric sequence code is assigned for trucks, buses, MPV's, and related incomplete vehicles.

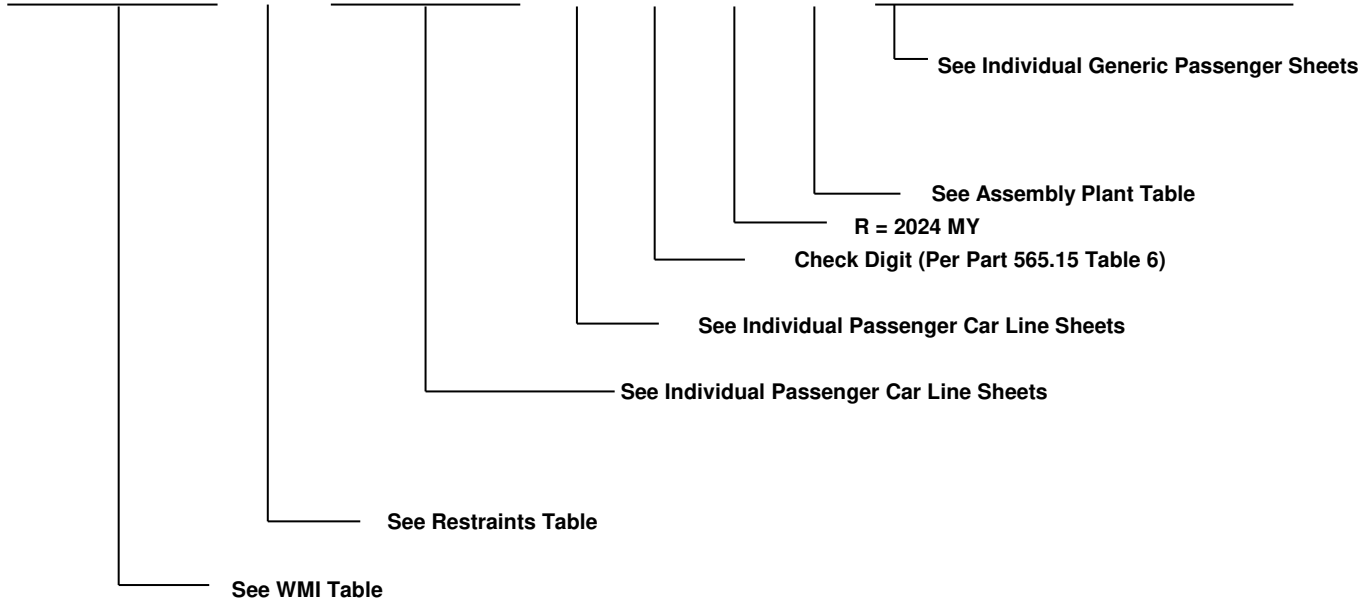
A00001 thru H99999 - Ford Division Vehicles
L00001 thru L99999 - Lincoln Division Vehicles

2024 Generic Passenger Car Format

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| | | | | | | | | | | | | | | | | |
|---|---|---|---------------------------|--|---|---|---|----------------------------|--------------------|----------------------|---------------------------------------|----|----|----|----|----|
| World Manufacturer Identifier (WMI) | | | Restraint System Category | Make, Car Line, Series, Body Type | | | Engine Type - Displacement, Cylinders, Fuel Type Manufacturer and Horsepower | VIN Check Digit (0-9 or X) | Vehicle Model Year | Plant of Manufacture | Numerical Sequence Vehicle Identifier | | | | | |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 |

| | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| ? | ? | ? | ? | ? | ? | ? | ? | ? | R | ? | ? | ? | ? | ? | ? | ? |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|

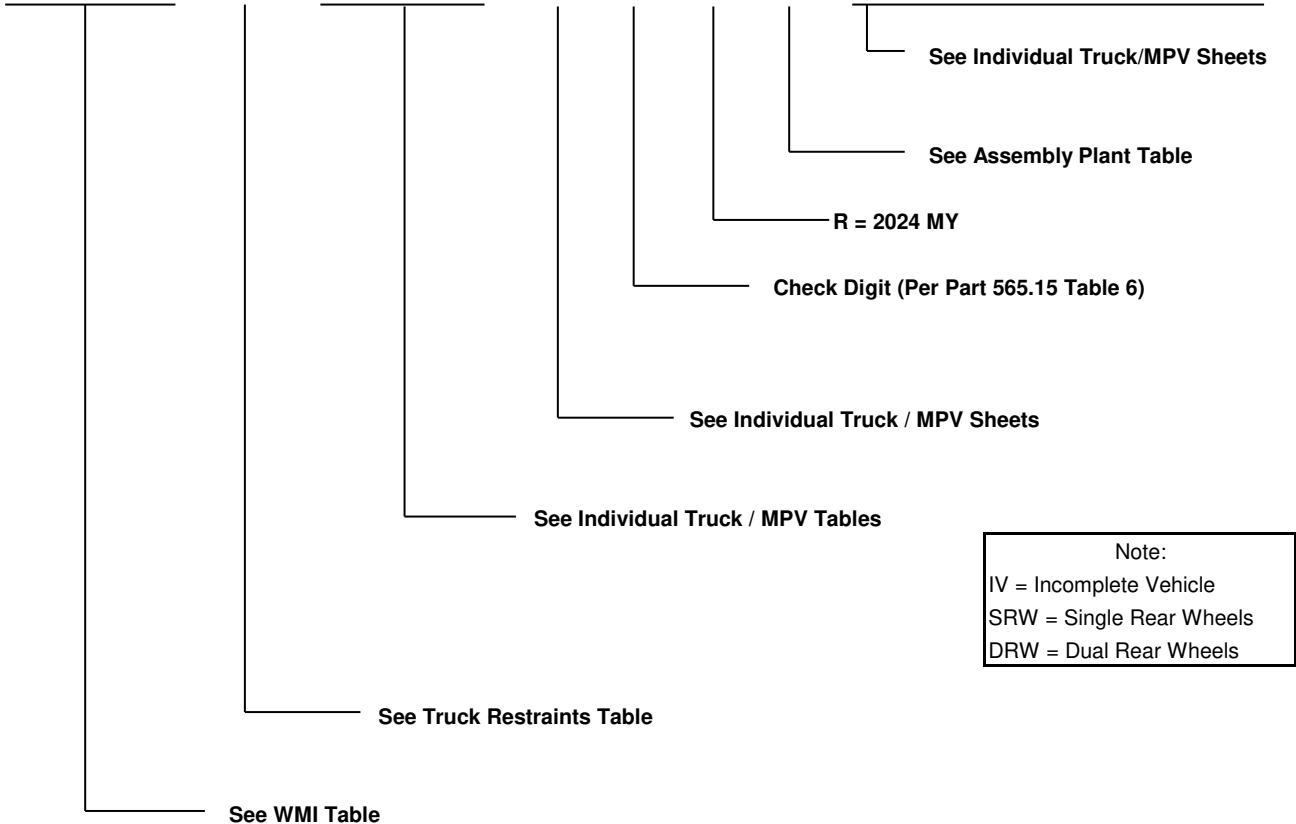


2024 Generic Truck, Bus, MPV Format

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| | | | | | | | | | | | | | | | | |
|---|----------|----------|--|---|----------|----------|---|----------------------------|--------------------|----------------------|--|-----------|-----------|-----------|-----------|-----------|
| World Manufacturer Identifier (WMI) | | | Brake System / GVWR / Restraint System Category | Make, Line, Series, Chassis Type, Cab or Body Type, Vehicle Type | | | Engine Type - Displacement, Cylinders, Fuel Type Manufacturer and Horsepower | VIN Check Digit (0-9 or X) | Vehicle Model Year | Plant of Manufacture | Alphanumeric Sequence Vehicle Identifier | | | | | |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 |

| | | | | | | | | | | | | | | | | |
|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| ? | ? | ? | ? | ? | ? | ? | ? | ? | R | ? | ? | ? | ? | ? | ? | ? |
|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|



Note:
IV = Incomplete Vehicle
SRW = Single Rear Wheels
DRW = Dual Rear Wheels

2024 Ford Econoline

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| | | | | | | | | | | | | | | | | |
|-------------------------------------|---|---|--|--|-----------------------------------|----------------------------|--------------------|----------------------|--|----|----|----|----|----|----|----|
| World Manufacturer Identifier (WMI) | | | Brake System / GVWR / Restraint System | Line, Series, Chassis Type, Cab or Body Type, Vehicle Type | Cylinders, Fuel Type, Mfg. and HP | VIN Check Digit (0-9 or X) | Vehicle Model Year | Plant of Manufacture | Alphanumeric Sequence Vehicle Identifier | | | | | | | |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 |

| | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | F | ? | ? | E | ? | ? | N | ? | R | D | ? | ? | ? | ? | ? | ? |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|

Sequential Vehicle Identifier
C00001 - E99999

Vehicle Assembly Plant
D = Ohio Assembly Plant: Avon Lake, Ohio

Model Year
R = 2024

Check Digit (Per Part 565.5(c))

| | | | | |
|---|---|------------------------|----------|----------|
| N | = | Displacement (L) / Cyl | Fuel | Mfg |
| | | 7.3L | V-8 Prem | Gasoline |
| | | | | Ford |

| Make | Line | Series | Chassis Type | Cab/Body |
|------|------|--------------------|--------------|----------|
| E3F | = | Ford Econoline 350 | Base | RWD |
| E3K | = | Ford Econoline 450 | Base | RWD |
| E4F | = | Ford Econoline 350 | Base | RWD |
| E4K | = | Ford Econoline 450 | Base | RWD |

| Brake System | GVWR | | Restraints | | | | | | | | | |
|--------------|-------|-------------|------------|-----------------|----------------|---------------|-----------------|---|--|-------------|--|--|
| | Class | Range (lbs) | Cat. | Manual Belts | Driver Frontal | Pass. Frontal | Side inflatable | | | Driver Knee | | |
| W | = | Hydraulic | 3 | 10,001 - 14,000 | 3 | x | x | x | | | | |
| X | = | Hydraulic | 4 | 14,001 - 16,000 | 3 | x | x | x | | | | |
| 3 | = | Hydraulic | 3 | 10,001 - 14,000 | 19 | | | | | | | |
| 4 | = | Hydraulic | 4 | 14,001 - 16,000 | 19 | | | | | | | |
| E | = | Hydraulic | 3 | 10,001 - 14,000 | 2 | x | x | | | | | |
| F | = | Hydraulic | 4 | 14,001 - 16,000 | 2 | x | x | | | | | |

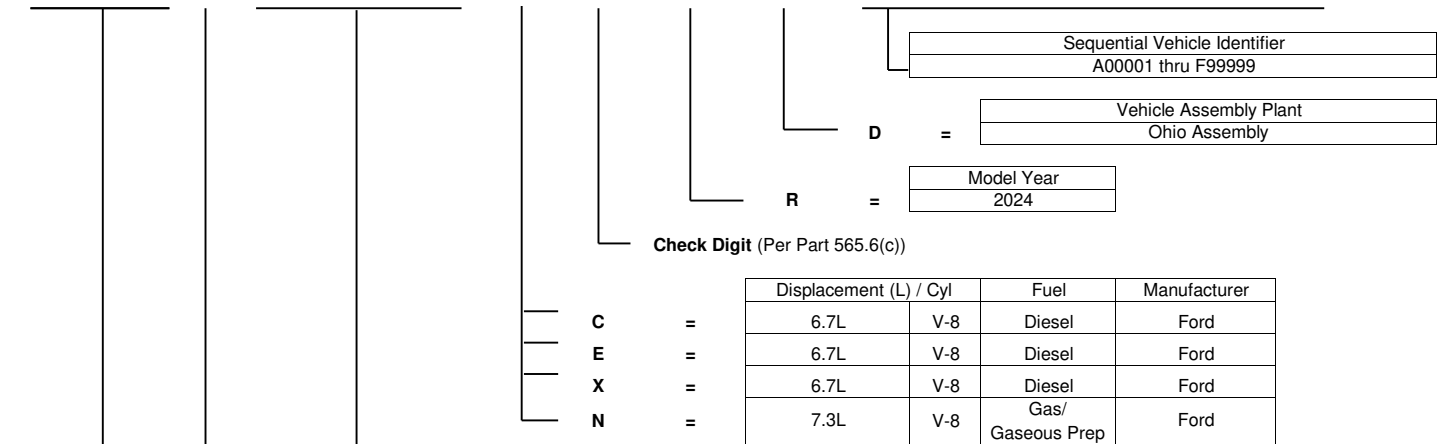
| | Manufacturer | Make | Type |
|-----|--------------|-------------------------|------|
| 1FC | = | Ford Motor Company, USA | Ford |
| 1FD | = | Ford Motor Company, USA | Ford |

2024 Ford SuperDuty F-650 F-750

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| | | | | | | | | | | | | | | | | |
|-------------------------------------|---|---|--|--|---|---|---|----------------------------|--------------------|----------------------|--|----|----|----|----|----|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 |
| World Manufacturer Identifier (WMI) | | | Brake System / GVWR / Restraint System | Line, Series, Chassis Type, Cab or Body Type, Vehicle Type | | | Engine Type - Displ., Cylinders, Fuel Type, Mfg. and HP | VIN Check Digit (0-9 or X) | Vehicle Model Year | Plant of Manufacture | Alphanumeric Sequence Vehicle Identifier | | | | | |

| | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | F | D | ? | ? | ? | ? | ? | ? | R | D | ? | ? | ? | ? | ? | ? |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|



| | Make | Line | Series | Chassis Type | Cab or Body Type | Type |
|-------|------|---------------------|--------|--------------|--------------------------|------|
| F6A = | Ford | F-Super Duty Gas | F-650 | DRW 4X2 | Reg Cab Straight Frame | IV |
| F6B = | Ford | F-Super Duty Gas | F-650 | DRW 4X2 | Reg Cab Kick-up Frame | IV |
| F6C = | Ford | F-Super Duty Gas | F-650 | DRW 4X2 | Reg Cab Straight Frame | IV |
| F6D = | Ford | F-Super Duty Diesel | F-650 | DRW 4X2 | Reg Cab Straight Frame | IV |
| F6E = | Ford | F-Super Duty Diesel | F-650 | DRW 4X2 | Reg Cab Kick-up Frame | IV |
| F7A = | Ford | F-Super Duty Gas | F-750 | DRW 4X2 | Reg Cab Straight Frame | IV |
| F7D = | Ford | F-Super Duty Diesel | F-750 | DRW 4X2 | Reg Cab Straight Frame | IV |
| W6A = | Ford | F-Super Duty Gas | F-650 | DRW 4X2 | Crew Cab Straight Frame | IV |
| W6B = | Ford | F-Super Duty Gas | F-650 | DRW 4X2 | Crew Cab Kick-up Frame | IV |
| W6D = | Ford | F-Super Duty Diesel | F-650 | DRW 4X2 | Crew Cab Straight Frame | IV |
| W6E = | Ford | F-Super Duty Diesel | F-650 | DRW 4X2 | Crew Cab Kick-up Frame | IV |
| W7A = | Ford | F-Super Duty Gas | F-750 | DRW 4X2 | Crew Cab Straight Frame | IV |
| W7D = | Ford | F-Super Duty Diesel | F-750 | DRW 4X2 | Crew Cab Straight Frame | IV |
| X6A = | Ford | F-Super Duty Gas | F-650 | DRW 4X2 | Super Cab Straight Frame | IV |
| X6B = | Ford | F-Super Duty Gas | F-650 | DRW 4X2 | Super Cab Kick-up Frame | IV |
| X6D = | Ford | F-Super Duty Diesel | F-650 | DRW 4X2 | Super Cab Straight Frame | IV |
| X6E = | Ford | F-Super Duty Diesel | F-650 | DRW 4X2 | Super Cab Kick-up Frame | IV |
| X7A = | Ford | F-Super Duty Gas | F-750 | DRW 4X2 | Super Cab Straight Frame | IV |
| X7D = | Ford | F-Super Duty Diesel | F-750 | DRW 4X2 | Super Cab Straight Frame | IV |

| Brake System | GVWR | | | Restraint Information | | | | | | |
|--------------|-----------|-------------|-----------------|-----------------------|----------------|---------------|-----------------|---------|---------|-------------|
| | Class | Range (lbs) | Cat. | Manual Belts | Driver Frontal | Pass. Frontal | Side Inflatable | | | Driver Knee |
| | | | | | | | 1st Row | 2nd Row | 3rd Row | |
| N = | Hydraulic | 6 | 19,501 - 26,000 | 1 | x | | | | | |
| P = | Hydraulic | 7 | 26,001 - 33,000 | 1 | x | | | | | |
| W = | Air | 6 | 19,501 - 26,000 | 1 | x | | | | | |
| X = | Air | 7 | 26,001 - 33,000 | 1 | x | | | | | |
| Y = | Air | 8 | 33,001 - 55,000 | 1 | x | | | | | |

| | | | |
|-------|--------------------|------|--------------------|
| | Manufacturer | Make | Type |
| 1FD = | Ford Motor Company | Ford | Incomplete Vehicle |