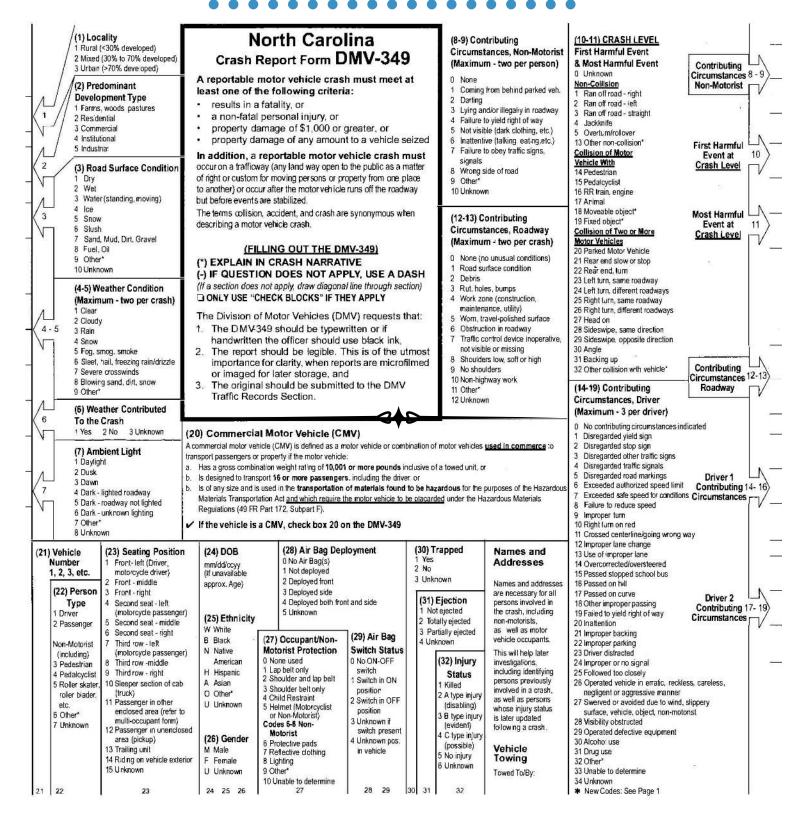
NC DMV-349 KEY





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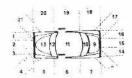
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48 Points of Initial Contact

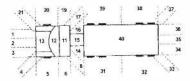
0 Pedestrian & Non-contact Vehicle

Underneath: 22 Front, 23 Center, 24 Rear, 25 Rollover, 26 Unknown

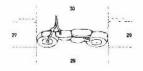




Passenger Cars/Small Trucks



Tractor-Trailers



Motorcycle, Bicycle, Moped or ATV

(49) Vehicle Maneuver/Action

- Stopped in travel lane Parked out of travel lane
- Parked in travel lanes
- Going straight ahead Changing lanes or merging
- Passing
- Making right turn Making left turn
- Making U turn
- 10 Backing
- 11 Slowing or stopping 12 Starting in roadway
- 13 Parking
- 14 Leaving parked position 15 Avoiding object in road

(50) Non-motorist Action

- Entering or crossing specified location Walking, riding, running/jogging with traffic
- 3 Walking, tiding, running/jogging against traffic
- Working Pushing vehicle
- Approaching or leaving vehicle
- Praying Standing
- 9 Other

(51) Non-motorist Location Prior to Crash

- Marked crosswalk at intersection
- At intersection but no crosswalk
- Non-intersection crosswalk Driveway access crosswalk
- In roadway Not in roadway
- Median (but not on shoulder)
- Island
- 11 Within 10 feet of roadway (not on shoulder, median, sidewalk, island) 12 Beyond 10 feet of roadway (within trafficway)
- 13 Outside trafficway
- 14 Shared-use path or trails

(52-56) VEHICLE LEVEL

Crash Sequence of Harmful Events (First, Second, Third, Fourth), fields 52-55, and Most Harmful Event, field 56 for each Unit (Vehicle)

If a vehicle has only one event then only one code is required. Vehicles can have up to 4 harmful events. The Most Harmful Event may or may not be one of the 4 events.

0 Unknown

- Non-Collision 1 Ran off road right
- Ran off road straight ahead
- Jackinife
- Overturn/rollcve
- 6 Crossed centerline/median
- Downhili runaway Cargo/equipment loss or shift
- Fire/explosion
- Equipment failure (tires, brakes, etc.)
- 12 Separation of units
- 13 Other non collision

Collision of Motor Vehicle With 14 Pedestrian

- 15 Pedalcydist
- 16 RR train, engine
- 17 Animal
- 18 Movable object*

Collision of Two or More Motor Vehicles

- 19 Parked motor vehicle 20 Rear end, slow or stop
- 21 Rear end, turn
- 22 Left turn, same roadway 23 Left turn, different roadways
- 24 Right lurn, some readway
- 25 Right turn, different roadways 26 Head on
- 27 Sideswice, same direction
- 28 Sideswipe, opposite direction 29 Angle
- 30 Backing up
- 31 Other collision with vehicle*

(57) Distance & Direction from Road to Object Struck

- 0 None
- In road
- Right of road, 0-10 ft.
- Right of road, 11-30 ft
- Right of road, over 30 ft 5 Left of road, 0-10 ft
- Left of road, 11-39 ft
- Left of road, over 30 ft,
- Straight ahead, 0-10 ft
- Straightahead, 11-30 (
- 10 Straight ahead, over 30 ft

(58) Vehicle Underride/Override

An underride refers to a vehicle sliding under another vehicle during a crash. An override refers to a vehicle riding up over another vehicle. Both can occur with a parked vehicle

- Undemide
- Override Neither Underride or Override

(59) Vehicle Defects

- Maximum of two per Vehicle
- None detected
- Brakes
- Rear lights
- Steering
- Tires Other defects*

(60) Authorized Speed Limit

Authorized speed limit for the vehicle at the time of the crash. The authorization may be indicated by the posted speed limit, blinking sign at construction zones restricted speed for permitted vehicles

(61) Estimate of Original Speed Estimated speed in miles per hour for each vehicle involved in the collision

Estimates reflect the speed of each vehicle at the moment the driver initially

perceived an existing hazard.

Collision with Fixed Object

- 34 Utility pole (with or without light) 35 Luminaire pole (non-breakaway)
- 36 Lumenaire pole (breakaway).
- 37 Official highway sign (non-breakaway)
- 38 Official highway sign (breakaway)
- 39 Overhead sign support 40 Commercial sign 41 Guardrail end on shoulder
- 42 Guardrail face on shoulder
- 43 Guardrail end in median
- 44 Guardra I face in medan 45 Shoulder barrier end (non-quardrail)
- 46 Shoulder barrier face (non-guardrail) 47 Median barrier end (non-guardrail)
- 48 Median barrier face (non-guardrail) 49 Bridge rail end
- 50 Bridge rail face
- 51 Overhead part of underpass 52 Pier on shoulder of underpass
- 53 Pier in median of underpass
- 54 Abutment (supporting wall) of underpass 55 Traffic Island curb or median
- 56 Catch basin or culvert on shoulder
- 57 Calch basin or culvert in median
- 58 Ditch 54 Embankment 60 Mailbox
- 61 Fence or fence post 62 Construction barrier
- 63 Crash cushion 64 Other fixed object*

(62) Estimate of Speed at Impact

Estimated speed in miles per hour for each vehicle involved in the collision. Estimates reflect the speed of each vehicle at the moment of impact

(63) Tire Impressions Before Impact

Length (in feet) of the tire impressions (skid marks, tire print yaw) far each vehicle involved in the collision, prior to impact

(64) Distance Traveled After Impact Distance (In feet) each vehicle or pedestrian traveled after impact as a result of the force of

(65) Emergency Vehicle Use Indicates vehicles which are on an emergency response, i.e., traveling with physical emergency signals in use; I ghts, siren

- Firetruck EMS Vehicle Ambukance, Rescue Squad, etc.
- Military
- Police Other

(66) Post Crash Fire If "Yes" check block

(67) School Bus - Contact Vehicle

If "Yes" check block. This data element is used to determine "school bus related." The school bus, with or without a pupil on board, is directly-involved as a contact vehicle

(68) School Bus - Noncontact Vehicle If "Yes" check block. This data element is used to determine "school bus related." The school bus, with or without a pubil on board, is indirectly involved as a noncontact vehicle

(69) Road Feature

- 0 No special feature
- Bridge approach
- Underpass
- Driveway, public Driveway, private

6 Alley intersection

- Intersection of roadways (7-12) Four-way intersection
- Y-intersection 10 Traffic circle/roundabout
- 11 Five-point, or mare
- 12 Related to intersection 13 Non-intersection median crossing 14 End or beginning-divided highway

- Interchange (15-21)
- 15 Off-ramp entry
- 16 Off ramp proper 17 Off-ramp terminal on prossroad 18 Merge lane between on and off ramp
- 19 On-ramp entry 20 On-ramp proper
- 21 On-ramp terminal on crossroad
- 22 Railroad crossing 23 Tunne

24 Shared-use paths or trails (70) Road Character - Horizontal

- and Vertical Alignment
- Straight, level Straight, hillcrest
- Straight, grade Straight, bottom (sag)
- Curve, level Curve, hillcrest Curve, grade
- 8 Curve, bottom (sag)

(71) Road Classification

- Interstate US Route
- State Secondary Route
- Local Street Public Vehicular Area Private Road, Driveway

8 Other

- (72) Road Surface Type
- Concrete Grooved concrete Smooth asphalt
- Coarse asphalt
- 5 Gravel Sand
- Sci

8 Other

- (73) Road Configuration (Traffic way Description)
- One-way, not divided Two-way, not divided
- Two-way, divided, unprofected median

5 median barrier Unknown

(74) Access Control

4 Two-way, divided, positive

No access control Full access control Partial access control

(75) Number of Lanes

directions in the trafficway. If

- parking lot, enter "0"
- (76) Traffic Control Device
- No control present Stop sign
- Yield sign Stop and go signal Flashing signal with stop sign
- 5 Flashing signal without stop
- 6 RR gate and flasher
- RR flasher RR crossbucks only
- Human control 10 Warning sign 11 School zone signs
- 12 Flashing stop and go signal 13 Double yellow line, no

passing zone 14 Other*

- (77) Traffic Control Operating
- No
 - 3 Unknown
 - (78 81) Work Zone Related
 - (78) Did crash occur in or near Construction work area
 - Utility work area Intermittent/moving work-e.g.

5 No

- (79) Work activity at time of crash
- On going No apparent activity

(82) Trailer Type 0 Notrale

- Non-semi trailers
- 2 Camper Utility
- Horse
- House trailer (mobile home)

Towed vehicle Other non-semi

- Semi trailers
- 8 Tanker 9 Enclosed van

10 Flatbed or platform 11 Other semi trailer 12 Double trailer

(83) Overwidth Trailer/Mobile Home Enter the number of the vehicle pulling overwidth trailer, including

idth mobile hame, followed by the permit number.

(84) Crash Diagram

- The diagram should include Roads and intersecting roads; if a
- vehicle is struck exiting a driveway, give the name of the business or resident
- Direction of travel for each lane All pertinent roadside features
- 4 Paths of travel for vehicles pedestrians, bicyclists, etc. Tire marks and debrs Measurements pertinent to the location of the point of impact. Use a

tape for distances up to 500 feet. Use an odometer for greater distances

- For crashes within an interchange Add a small line sketch of the
- interchange and show an 'x' where the crash occurred Sketch should be less than 25% of

the total diagram area, and Conform to the north arrow 4 Identify number, name of the road/st. ramps, and service roads shown

(85) Crash Narrative Provide a word description of events occurring prior to, during and after the crash which are not elsewhere on the form. Note all pertinent and unusual aspects of the crash. Statements

made in this narrative should be in the opinion of the investigating officer

(86) Additional Property Damage Enter any property other than motor vehicles that was damaged, identify the property and its owner and enter an estimate of the dollar damage. Damage to signs, buildings,

signs, cones Yes (80) Work area marked with warning

mailboxes, fences, etc., should be

2 No (81) Location of crash

Before work area In work area approach taper 3 Adjacent to actual work area

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(33) Relation to Roadway Surface

The location of the first harmful event (at the crash level) as it relates to its position within or outside the trafficway

- On Roadway (Surface) Off Roadway
- Shoulder
- Median
- Roadside
- Outside Trafficway
- 6 Unknown

(34) Vision Obstruction

- Vehicle window(s) obscured
- Trees, crops, brush, etc.
- Building(s)
- Embankment
- Sign(s)
- 6 Hillcrest
- Parked vehicle(s)
- Vehicle(s) in traffic/moving
- 9 Blinded, headlights
- 10 Blinded, sunlight
- 11 Blinded, other lights
- 12 Other*
- 13 Unknown

(35) Physical Condition

- Apparently normal
- Illness Fatique
- 4 Fell asleep, fainted, loss of
- consciousness Impairment due to medications.
- drugs, alcohol Medical condition
- Other physical impairment
- Restriction not complied with

roadway but before events are stabilized.

and/or Vehicle areas.

- 9 Other*
- 10 Unknown

(36) Driver License Restrictions

Restrictions assigned to an individual's driver license by the license examiner.

Indicate restrictions shown on the Driver's License. For out-of-state drivers, write out the restrictions.

(37) Alcohol/Drugs Suspected

- alcohol, impairment suspected
- alcohol, no impairment detected
- 3 Yes other drugs, impairment
- suspected other drugs, no impairment
- detected alcohol and other drugs
- impairment suspected 6 Yes - alcohol and other drugs, no
- impairment detected
- 7 Unknown

(38) Alcohol/Drugs Test Status

- 0 No test
- 1 Alcohol test
- 2 Test for other drugs
- 3 Alcohol & other drugs test 4 Test refused
- 5 Unknown

(39) Alcohol/Drugs Test Results

- 0 No test
- No alcohol or other drugs
- 2 Alcohol (percent BAC) 3 Other drugs reported
- 4 Contaminated sample/unusable 5 Pending
- 6 Unknown

(40) Vehicle Seizure (DWI)

Check this box if the crash involves alcohol or other drugs in sufficient amount to constitute a DWI, and the vehicle is

(41) Vehicle Style (Type)

- Passenger car
- Pickup
- Light truck (mini-van, panel)
- Sport utility
- Van
- Commercial bus 6
- School bus Activity bus
- 10 Single unit truck (2-axle, 6-tire) 11 Single unit truck (3 or more axles)
- 12 Truck/trailer
- 13 Truck/tractor (i.e., bobtail)
- 14 Tractor/semi-traile 15 Tractor/doubles
- 16 Unknown heavy truck 17 Taxicab
- 18 Farm equipment
- 19 Farm tractor
- 20 Motorcycle 21 Moped
- 22 Motor scooler or motor bike
- 23 Pedalcycle
- 24 Pedestrian
- 25 Motor home/recreational vehicle 26 Other*
- 27 All terrain vehicle (ATV)
- 28 Firetruck 29 EMS Vehicle, Ambulance, Rescue Squad
- 30 Military
- 31 Police

(42) Vehicle Drivable

the narrative.

Vehicle is disabled by damage severe enough to prevent driving it. For comparison purposes, this data element could be used as a minimum reporting threshold for 'property damage only' crashes.

(43) TAD

Damaged Areas

- Front concentrated FD Front distributed
- FL Front left comer
- Front right corner
- BC. Rear concentrated
- BD Rear distributed
- Rear left comer
- BR Rear right comer LP Left side (door)
- RP Right side (door)
- LFQ Left side front quarter
- RFQ Right side front quarter LBO Left side rear quarter
- RBQ Right side rear quarter Left side distributed
- RD Right side distributed
- L&T Left side & top (rollover)
- Right side & top (rollover)
- TOP Тор
- UND Underneath

Extent of Deformity

The Severity of Damage is based on a scale of "0" being no damage and "7" being the most severe damage

(44) Estimated Damage

Dollar estimate of the cost to restore the vehicle to its condition just prior to the crash, or the estimated value of the vehicle before the crash, whichever is less. For a "totaled" vehicle, enter a dollar estimate of the retail value of the vehicle prior to the crash. Do not enter the word "totaled."

A vehicle being towed by another is part of the towing vehicle and its damage should be included in the "Parts Damaged" and "Amount of Damage" categories.

(45) Cargo Body Type

- Bus (seats for 16 or more. including driver)
- 2 Bus (seats for less than 16, including driver)
- Van/enclosed box
- 4 Grain/chips/gravel truck
- Pole truck
- Cargo tank
- Flatbed
- Dump
- 9 Concrete mixer
- 10 Auto transporter
- 11 Garbage/refuse
- 12 Log truck
- 13 Other

(46) Name of EMS

Record the name of the EMS (or EMS unit number if available) that responded to the crash. A letter designation, unique to each injured person is provided in the first column of the Occupant and Non-Motorist Section. This unique identifier must precede the name of the EMS for each injured person being transported.

Example: A -Cumberland County Ambulance

(47) Injured Taken by EMS to

Record the destination of the injured person preceded by the unique letter designation (from the first column) for the person involved if they were taken to a hospital, clinic, doctor's office, or other place of emergency medical aid. Include both name of treatment facility and city or town.

Example: A- N.C. Memorial, Chapel Hill; B - Duke Hospital, Durham, etc.

KEY DEFINITIONS

NON-CONTACT VEHICLE OR NON-MOTORIST Non-contact phantom motor vehicles or non-motorists are units that caused the crash but left the scene. They should not be counted in the number of units, but should be referred to in

> Non-contact motor vehicles or non-motorists are units that caused the crash and remained at the scene. They should be counted as units with identifying information, and referred to in the narrative. A school bus could be an exile of a non-contact vehicle that is related to a crash (refer to data element #68)

SCHOOL BUS

A motor vehicle used for the transportation of any school pupil at or below the 12th-grade level to or from a public or

A school bus must be externally identifiable by the color yellow, the words "school bus," flashing red lights located on the front and rear, and identifying lettering on both sides indicating the school or school district served, or the company operating the bus.

MOTOR VEHICLE STATUS

The use of the device at the time of the crash is the primary

- criterion for establishing motor vehicle status. For example 1. A registered motor vehicle is being drawn by a team of horses
- on a city street; it is considered other road vehicle. 2. A registered motor vehicle is being used to draw a plow engaged in breaking ground an a farm; it is considered farm
- 3. A registered truck is engaged in spreading concrete at a road construction site; it is construction machinery.

 4. A motorized highway grader, under its own power, is

machinery while engaged in plowing.

- moving from one work place to another on a public way; it is considered a motor vehicle in transport.

 5. A registered truck, with a blade attached, is engaged in plowing snow from a trafficway, it is considered road
- maintenance machinery.

 6. A riding, motorized lawn mower, under its own power, is being driven from one home to another on a city street; it is considered a motor vehicle in transport. 7. A military tank is being moved, under its own power, from the

firing range to the motor pool, on a land way of a military post;

it is considered a motor vehicle in transport.

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private school or school-related activity.

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while being towed or pushed, is considered to be a motor vehicle in transport. Also, an abandoned motor vehicle, upon a roadway, is considered to be a motor vehicle in transport. This principle does not apply to such devices as farm or industrial

CRASH/MOTOR VEHICLE/UNIT A motor vehicle crash is any event that results in death, injury or property damage

attributable directly to a motor vehicle or its load in transport, but not involving aircraft or watercraft. It must occur on a trafficway or after the motor vehicle runs off the

A motor vehicle is any mechanically or electrically powered device, not operated on

A unit is any motor vehicle, pedestrian, pedalcyclist, moped or other road vehicle

excluding railway vehicles, which can be shown on the report as "other" RR train.

rails, upon which any person or property may be transported or drawn upon a highway.

DRIVERLESS MOTOR VEHICLE

A driverless motor vehicle, though previously parked, or a motor vehicle out of control

machinery, highway graders, construction machinery, or similar devices which are not in use at the time of the crash for transport.

HIT & RUN A hit & run vehicle is one which was involved in the crash on the "striking vehicle" or as the "vehicle struck" but which left the scene. The appropriate box must be checked, e.g., vehicle 1, vehicle 2, etc. and any information that is known, included in the Driver