

## DOCUMENT FOR INCOMPLETE VEHICLE, APPLICABLE TO THE 2026 MODEL YEAR CHEVROLET TRAVERSE

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### DO NOT REMOVE

THIS DOCUMENT MUST REMAIN WITH THIS VEHICLE UNTIL IT IS CERTIFIED AS A COMPLETED VEHICLE

### PLACE LABEL HERE

The Label affixed here includes the following information:

- · the name of the incomplete vehicle manufacturer;
- the month and year the incomplete vehicle manufacturer performed its last manufacturing operation on the incomplete vehicle;
- the vehicle identification number (VIN);
- the Gross Vehicle Weight Rating (GVWR) expressed in kg
   (lb), intended for the vehicle when it is a completed vehicle;
- The Gross Axle Weight Rating (GAWR) expressed in kg (lb), intended for each axle of the vehicle when it is a completed vehicle, listed in order from front to rear.

This document is furnished as required by the Canada Motor Vehicle Safety Act and United States (U.S.) Federal Motor Vehicle Safety Regulations (FMVSR) to aid intermediate and final stage manufacturers in their determination of conformity of the completed vehicle with applicable Canada Motor Vehicle Safety Standards (CMVSS) and U.S. Federal Motor Vehicle Safety Standards (FMVSS). Also included are instructions which must be followed in order to assure that Environmental Protection Agency (EPA) and California Air Resources Board (CARB) emission certification requirements, U.S. National Highway Traffic Safety Administration (NHTSA) Fuel Economy Regulations and Environmental Protection Agency (EPA) Greenhouse Gas Regulations are met.

This document is not a substitute for knowledge and understanding of the requirements of the Canada Motor Vehicle Safety Act, Federal Motor Vehicle Safety Regulations (FMVSR), or applicable Canada Motor Vehicle Safety Standards (CMVSS) and Federal Motor Vehicle Safety Standards (FMVSS). Intermediate and final stage manufacturers should be familiar with the Regulations and Standards referred to above to be aware of their specific responsibilities as they relate to the final destination and sale of each incomplete vehicle.

Any intermediate or final stage manufacturer making material alterations to this incomplete vehicle during the process of manufacturing the complete vehicle should be constantly vigilant to recognize all the effects, either direct or indirect, on other components, assemblies or systems caused by any alteration. No alteration should be made to the incomplete vehicle that directly or indirectly results in any component, assembly or system being in nonconformance with any applicable Canada Motor Vehicle Safety Standard or Federal Motor Vehicle Safety Standard or Emission Regulation or Fuel Economy/Greenhouse Gas Regulation.

The statements contained in this Incomplete Vehicle Document are accurate as of the date of manufacture of the Incomplete Vehicle and can be relied on by any intermediate and/or final stage manufacturer as a basis for certification.

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#### INTRODUCTION

This document contains information relative to conformance of this incomplete vehicle with the following:

- Part I FEDERAL MOTOR VEHICLE SAFETY STANDARDS AND CANADA MOTOR VEHICLE SAFETY STANDARDS
- Part II U.S. ENVIRONMENTAL PROTECTION AGENCY, STATE OF CALIFORNIA, AND CANADIAN EMISSION REQUIREMENTS AND NHTSA FUEL ECONOMY REQUIREMENTS

### PART I

This section contains a list of Canada Motor Vehicle Safety Standards (CMVSS), and Federal Motor Vehicle Safety Standards (FMVSS), followed by a section entitled "Statements Regarding Canada Motor Vehicle Safety Standards (CMVSS), and Federal Motor Vehicle Safety Standards (FMVSS)". In the latter section, an appropriate statement of applicability is made for each standard, and by vehicle type, as it relates to the incomplete vehicle.

The identifiers TYPE 1, TYPE 2 or TYPE 3 prefix the statements (of applicability) regarding Canada Motor Vehicle Safety Standards (CMVSS), and Federal Motor Vehicle Safety Standards (FMVSS). "Examples" of these statements follow:

- TYPE 1 A statement that the vehicle when completed will conform to the standard if no alterations are made in identified components of the incomplete vehicle. EXAMPLE: This vehicle when complete will conform to CMVSS 104 and FMVSS No. 104, Windshield Wiping and Washing Systems, if no alterations are made in the windshield wiper components.
- TYPE 2 A statement of specific conditions of final manufacture under which the manufacturer specifies that the completed vehicle will conform to the standard. EXAMPLE: This vehicle when completed will conform to CMVSS 121 and FMVSS 121, Air Brake Systems, if it does not exceed any of the gross axle weight ratings, if the center of gravity at GVWR is not higher than ## feet above the ground, and if no alterations are made to any brake system component.
- TYPE 3 A statement that conformity with the standard cannot be determined based upon the components supplied on the incomplete vehicle, and that the incomplete vehicle manufacturer makes no representation to conformity with the standard.

In accordance with the requirements of Canada Motor Vehicle Safety Regulations, and Federal Motor Vehicle Safety Regulations Part 568.4, the following information is included on the label affixed to the front cover of this document:

- the name of the incomplete vehicle manufacturer;
- the month and year the incomplete vehicle manufacturer performed its last manufacturing operation on the incomplete vehicle;
- the vehicle identification number (VIN);
- The Gross Vehicle Weight Rating (GVWR) expressed in kg (lb), intended for the vehicle when it is a completed vehicle;
- The Gross Axle Weight Rating (GAWR) expressed in kg (lb), intended for each axle of the vehicle when it is a completed vehicle, listed in order from front to rear.

In addition, the final stage manufacturer is responsible under Canada Motor Vehicle Safety Regulations, and Federal Motor Vehicle Safety Regulations and Part 567.5, to place the GVWR and the GAWR of each axle, on the Final Vehicle Certification Label. Required on the label is the "Gross Vehicle Weight Rating" or "GVWR" followed by the appropriate value in kilograms and (pounds), which shall not be less than the sum of the unloaded vehicle weight, rated cargo load, and 68 kg (150 lb) times the number of the vehicle's designated seating positions, if known.

However, for school buses the minimum occupant weight allowance shall be 54.4 kg (120 lb) per passenger and 68 kg (150 lb) for the driver.

Unloaded Vehicle Weight means the weight of a vehicle with maximum capacity of all fluids necessary for operation of the vehicle, but without cargo, occupants or accessories that are ordinarily removed from the vehicle when they are not in use.

During the completion of this vehicle, GVWR and GAWR may be affected in various ways, including but not limited to the following:

- The installation of a body or equipment that exceeds the rated capacities of the Incomplete Vehicle.
- The addition of designated seating positions that exceed the rated capacities of the Incomplete Vehicle.
- Alterations or substitution of any components such as axles, springs, tires, wheels, frames, steering and brake systems that may affect the rated capacities of the Incomplete Vehicle.

For mobility conversion, the incomplete vehicle is to be manufactured into a Multipurpose Passenger Vehicle. Type: MPV

### GVWR/GAWR MASS TABLE MAXIMUM ALLOWABLE VEHICLE WEIGHTS AND UNLAODED VEHICLE WEIGHTS

Max Unloaded Vehicle Weight	GVWR	GAWR Front	GAWR Rear	Tire Size	Tire Pressure Front	Tire Pressure Rear
2426 kg	2800 kg	1450 kg	1600 kg	255/65R18	35 psi	35 psi
2426 kg	2800 kg	1450 kg	1600 kg	255/55R20	35 psi	35 psi
2426 kg	2800 kg	1450 kg	1600 kg	275/45R22	35 psi	35 psi

If you have questions regarding the information in this document, contact GM Upfitter Integration through their website located at www.gmupfitter.com

### PART I C/FMVSS SUMMARY

LIST OF CANADA MOTOR VEHICLE SAFETY STANDARDS (CMVSS) AND FEDERAL MOTOR VEHICLE SAFETY STANDARDS (FMVSS), APPLICABLETO THE CHEVROLET TRAVERSE

### SEE STATEMENTS REGARDING CMVSS AND FMVSS ON PAGES THAT FOLLOW

CMVSS				
NO.	NO.	Futurian naine	Туре	
1106	-	Exterior noise	1	
ICES- 002	-	Canada interference causing equipment standard	1	
101	101	Controls and displays	1	
102	102	Transmission shift position sequence, starter interlock and transmission braking effect	1	
103	103	Windshield defrosting and defogging systems	1	
104	104	Windshield wiping and washing systems	1	
106	106	Brake hoses, hydraulic, air and vacuum	1	
108	-	Daytime running lamps	1	
108	108	Lamps, reflective devices and associated equipment	1	
110	110	Tire selection and rims for motor vehicles with a GVWR of 4536 kg (10,000 lb) or less	2	
111	111	Rear visibility	1,2	
113	113	Hood latch system	1	
114	114	Theft protection and rollaway prevention	1	
115	-	Vehicle identification number	1	
116	116	Motor vehicle brake fluids	1	
118	118	Power operated window, partition and roof panel systems	1	
124	124	Accelerator control systems	1	
126	126	Electronic stability control systems	3	
_	127	Automatic emergency braking systems for light vehicles	3	
135	135	Light vehicle brake systems	2	
-	138	Tire pressure monitoring systems	2	
201	201	Occupant protection in interior impact	3	
202	202a	Head restraints	1,3	
203	203	Impact protection for the driver from the steering control system	2	
204	204	Steering control rearward displacement	2	
205	205	Glazing materials	1	
206	206	Door locks and door retention components	1,3	
207	207	Seating systems	1,3	
208	208	Occupant crash protection	2,3	
209	209	Seat belt assemblies	1,3	
210	210	Seat belt assembly anchorages	1,3	
210.1	-	Tether anchorages for restraint systems	3	
210.2	-	Lower universal anchorage systems for restraint systems and booster cushions	3	
212	212	Windshield mounting	2	
213.4	213	Built-in child restraint systems and built-in booster cushions	3	
214	214	Side impact protection	3	
216	216a	Roof crush resistance	2	
219	219	Windshield zone intrusion	2	
220	220	School bus rollover protection	3	
-	225	Child restraint anchorage system	3	
226	226	Ejection Mitigation	3	
301	301	Fuel system integrity	2	
302	302	Flammability of interior materials	1,3	
_	403	Platform Lift Systems	3	
_	404	Platform Lift Systems Installations in Motor Vehicles	3	

TYPE 1, 2 or 3 numbers to the right-hand side of the table above designate the statement TYPE(S) associated with the CMVSS and/or FMVSS standards that follow.

# Statements Regarding Canada Motor Vehicle Safety Standards (CMVSS), and Federal Motor Vehicle Safety Standards (FMVSS)

### CMVSS 1106 – EXTERIOR NOISE (CANADA ONLY) Applies to all types of Incomplete Vehicles Contained in this Document

TYPE 1 The following statement is applicable to all types of incomplete vehicles contained in this document.

A. This incomplete vehicle, when completed, will conform to the above standard providing no alterations are made which affect the function, physical, chemical, or mechanical properties, environment, location or vital spatial clearances of the components, assemblies or systems, as manufactured by General Motors, including but not limited to those listed below (if equipped):

Air Induction System (tuning elements)

Alternator

Axles/halfshafts/propshaft

Components for AWD system (axle, propshaft,

PTU)

Engine assembly Exhaust System

Exterior noise generating devices
Exterior rearview mirror assemblies

Front of dash sound deadening material Hood assembly including sound deadening

material and seals

Intake system (Air Induction System (i.e. Air filter,

Mass Air flow (MAF) sensor, ducts))

Power steering pump

Powertrain control and logic

Powertrain cooling fan and motor assemblies Radiator/condenser assembly to body seals

Tires (including correct tire pressure)
Transmission/Transaxle assembly

Underbody shields including air deflector

Wheelhouse liners and shields

B. Final compliance with CMVSS 1106 is the responsibility of the final stage manufacturer for any modifications, added material, components, or systems.

### INTERFERENCE CAUSING EQUIPMENT STANDARD (CANADA ONLY) – ICES-002 Applies to all types of Incomplete Vehicles Contained in this Document

TYPE 1 The following statement is applicable to all types of incomplete vehicles propelled by an internal combustion engine, electrical means or both contained in this document.

This incomplete vehicle, when completed, will conform to the performance requirements of the above standard provided no alterations are made which affect the function, physical, chemical, or mechanical properties, environment, location or vital spatial clearances of the components, assemblies or systems, as manufactured by General Motors, including but not limited to those listed below:

Low voltage battery BCM/SDM

Stop/start system Ignition system

Each vehicle propelled by an internal combustion engine, electrical means or both shall bear a bilingual label that represents the manufacturer's Self-Declaration of Compliance (SDoC) to Innovation, Science and Economic Development Canada ICES-002. This label shall be permanently affixed to the vehicle propelled by an internal combustion engine, electrical means or both or displayed electronically and its text must be clearly legible.

The final stage manufacturer must provide a statement of compliance on the Final Stage Manufacturer's Compliance Label or an additional label with the following bilingual information in order to comply with Industry Canada's Interference Causing Equipment Standard ICES/NMB-002:

ICES/NMB-002

### CMVSS and FMVSS 101 – CONTROLS AND DISPLAYS Applies to all types of Incomplete Vehicles Contained in this Document

#### TYPE 1 The following statement is applicable to all types of Incomplete Vehicles contained in this document.

This incomplete vehicle, when completed, will conform to CMVSS 101 and FMVSS 101 providing no alterations are made which affect the size, location, identification or illumination of the controls and displays or the location, travel and type of driver's seat, as manufactured by General Motors.

The following controls must be operable, and the following displays for the following functions and shall be fitted in such a manner that they are identifiable, by the driver while the driver is seated in the driver's designated seating position with the driver's seat belt fastened around the driver in accordance with the manufacturer's instructions:

Hand operated controls (if equipped):

Automatic vehicle speed (cruise control)

Clutch

Driver's sun visor Engine start

Engine stop Electric park brake switch

Electronic stability control system "off"

Hazard warning signal Hazard warning switch

Headlamps

Headlamp high or low beam switch Heating and air conditioning fan Heating and air conditioning system Horn

Illumination intensity
Master lighting switch

Rear window defogging and defrosting systems

Steering wheel Tail lamps

Transaxle/transmission shifter (except transfer case)

Turn signal

Windshield defogging and defrosting systems

Windshield washer (washing system) Windshield wiper (wiping system)

Foot operated controls (if equipped):

Accelerator

Service brake pedal

Displays (if equipped):

Air bag system readiness

Antilock brake system malfunction

Battery charging condition
Brake lining wear-out condition

Brake system malfunction (Canada - ISO

symbol)

Brake Pressure (system loss)

Electrical charge

Electronic stability control system "off"

Electronic stability control system malfunction

Engine coolant temperature

Engine oil pressure

Fuel level

Gross loss of brake pressure condition

Hazard warning signal

Headlamp high beam Low brake fluid condition

Low tire pressure indication (see MVSS 138)

Odometer (Canada must be metric)

Passenger air bag Status Parking brake applied

Regenerative brake system malfunction

Seat belt (unfastened telltale)

Speedometer (Canada must be metric)
Tire pressure monitoring system malfunction

Transmission control position

Turn signal(s)

If the intermediate or final stage manufacturer installs any of the above controls and displays, they must also meet the requirements of this standard.

### CMVSS 102 and FMVSS 102 – TRANSMISSION SHIFT POSITION SEQUENCE, STARTER INTERLOCK AND TRANSMISSION BRAKING EFFECT Applies to all types of Incomplete Vehicles Contained in this Document

#### TYPE 1 The following statement is applicable to all incomplete vehicle types contained in this document.

This incomplete vehicle, when completed, will conform to CMVSS 102 and FMVSS 102 providing no alterations are made which affect the function, physical, chemical, or mechanical properties, environment, location or vital spatial clearances of the components, assemblies or systems, as manufactured by General Motors, including but not limited to those listed below (if equipped):

Automatic (AT) Transaxle/Transmission control and identification system, including but not limited to:

AT gear ratios and final drive ratio

AT gear shift sequence and control logic (electrical or mechanical)

AT neutral safety switch assembly and wire AT position indicator linkage and display

AT steering column assembly

Automatic transmission/transaxle assembly

Brake - AT interlock controls Engine starter interlock controls

AT shift position pattern (knob, plate or label)

Vehicle wiring harnesses

### CMVSS 103 and FMVSS 103 – WINDSHIELD DEFROSTING AND DEFOGGING SYSTEMS Applies to all types of Incomplete Vehicles contained in this Document

### TYPE 1 The following statement is applicable to all types of incomplete vehicles contained in this document.

This incomplete vehicle, when completed, will conform to CMVSS 103 and FMVSS 103 providing no alterations are made which affect the function, physical, chemical, or mechanical properties, environment, location or vital spatial clearances of the components, assemblies or systems, as manufactured by General Motors, including but not limited to those listed below (if equipped):

Windshield defrosting and defogging systems, including but not limited to:

Chassis and instrument panel wiring harness assembly

Defroster air distributor assembly (manifold)

Defroster air duct assembly

Defroster air hoses (distributor to nozzle)

Defroster air to windshield outlet assembly (nozzle)

(it affects blower speed)

Defroster outlet to heater assembly adapter Engine control, software and calibration

Engine coolant pump

Engine water outlet thermostat assembly

Engine wiring harness

Heater and air conditioning wiring harness

Heater and defroster assembly (including motor and blower)

Heater and defroster control (electrical, mechanical,

vacuum)
Heater and radiator hoses/hose assemblies

Heater blower motor speed control

Side window defroster ducts

Vacuum control hoses and electric actuators

Windshield assembly

### CMVSS 104 and FMVSS 104 - WINDSHIELD WIPING AND WASHING SYSTEMS Applies to all types of Incomplete Vehicles contained in this Document

#### TYPE 1 The following statement is applicable to all types of incomplete vehicles contained in this document.

This incomplete vehicle, when completed, will conform to CMVSS 104 and FMVSS 104 providing no alterations are made which affect the function, physical, chemical, or mechanical properties, environment, location or vital spatial clearances of the components, assemblies or systems, as manufactured by General Motors, including but not limited to those listed below (if equipped):

Windshield wiping and washing systems, including but not limited to:

Vehicle wiring harness and electrical controls Washer reservoir cap Water reservoir filler assembly Windshield assembly Windshield module attachments Windshield washer fluid reservoir Windshield washer nozzle Windshield washing system hoses Windshield wiper arm assembly Windshield wiper blade assembly Windshield wiper linkage assembly Windshield wiper/washer control Windshield wiper/washer motor/pump assembly

### CMVSS 106 and FMVSS 106 – BRAKE HOSES, HYDRAULIC, AIR AND VACUUM Applies to all types of Incomplete Vehicles contained in this Document

#### TYPE 1 The following statement is applicable to all types of incomplete vehicles contained in this document.

This incomplete vehicle, when completed, will conform to CMVSS 106 and FMVSS 106 providing no alterations are made which affect the function, physical, chemical, or mechanical properties, environment, location or vital spatial clearances of the components, assemblies or systems, as manufactured by General Motors, including but not limited to those listed below:

Hydraulic, Air, and Vacuum Brake Hoses and assemblies

Labeling requirements

### CMVSS 108 – DAYTIME RUNNING LAMPS Applies to all types of Incomplete Vehicles contained in this Document

#### TYPE 1 The following statement is applicable to all types of incomplete vehicles contained in this document.

This incomplete vehicle, when completed will conform to the Daytime Running Lamps (DRL) requirements of CMVSS 108 providing no alterations are made to the ignition switch, DRL system components or wiring, and any vehicle forward lighting as manufactured by General Motors.

## CMVSS 108 and FMVSS 108 – LAMPS, REFLECTIVE DEVICES AND ASSOCIATED EQUIPMENT Applies to all types of Incomplete Vehicles contained in this Document

#### TYPE 1 The following statement is applicable to all types of incomplete vehicles contained in this document.

This incomplete vehicle, when completed, will conform to CMVSS 108 and FMVSS 108  $\underline{\textbf{IF}}$  it is completed with a body less than 203.2 cm (80 in) in width, and a GVWR of 4536 kg (10,000 lb.) or less provided the following conditions are met:

A. The following devices when provided, located and/or wired by General Motors meet the requirements of CMVSS 108 and FMVSS 108:

Back-up lamps

Body control module (BCM)
Center high mounted stop lamp

Daytime running lamps controls & wiring (Canada)

Fog lamps (if equipped) Front side marker lamps

Front side marker reflex reflectors

Front turn signal lamps Hazard warning flasher

Hazard warning signal operating unit

Headlamps

Headlamp dimmer switch Headlamp high beam indicator

License plate lamp

Owner Manual instructions

Park lamps

Rear side marker lamps
Rear side reflex reflectors
Rear reflex reflectors
Rear turn signal lamps

Stop lamps

Tail lamps

Turn signal control

- B. No part of the completed vehicle shall be installed to prevent any of the devices listed above from meeting their required photometric output at the specified test points. If such interference exists, the applicable devices may have to be relocated or additional devices added to meet the requirements of CMVSS 108 and FMVSS 108. Any CMVSS 108 or FMVSS 108 part shall not be painted.
- C. No alterations are made which affect the function, physical, chemical, or mechanical properties, environment, location or vital spatial clearances of the components, assemblies or systems including but not limited to those listed in A above.

## CMVSS 110 and FMVSS 110 – TIRE SELECTION AND RIMS FOR MOTOR VEHICLES WITH A GVWR OF 4536 kg (10,000 lb) OR LESS Applies to all types of Incomplete Vehicles contained in this Document

### TYPE 2 The following statement is applicable to all types of incomplete vehicles contained in this document.

This incomplete vehicle, when completed, will conform to CMVSS 110 and FMVSS 110, providing:

A. No alterations are made which affect the function, physical or mechanical properties, environment, location or vital spatial clearances of the components, assemblies or systems, as manufactured by General Motors, including but not limited to:

Owner Manual instructions Tires Wheels

- B. GVWR, GAWR front and rear weight ratings as listed on the label located on the cover page of this document are not exceeded.
- C. The tire and wheel information shown on the label located on the cover page of this document must be transferred to the final stage manufacturer's Certification Label and the Tire Information Placard, providing no equipment or tire pressure changes are made, and the final stage manufacturer labels the vehicle in compliance with CMVSS 110 and FMVSS 110.

### CMVSS 111 and FMVSS 111 – REAR VISIBILITY Applies to all types of Incomplete Vehicles contained in this Document

#### TYPE 1 The following statement is applicable to all types of incomplete vehicles contained in this document.

This incomplete vehicle will conform to CMVSS 111 and FMVSS 111 providing:

- A. No alterations or substitutions are made to the outside mirrors or inside mirrors furnished with the vehicle,
- B. The driver's seat location is not altered,
- C. The body width is not increased, and
- D. The body remains symmetrical about the vehicle centerline.
- E. The GVWR is not changed.

## CMVSS 111 and FMVSS 111 – REAR VISIBILITY CAMERA SYSTEMS <u>Applies to all types of Incomplete Vehicles contained in this Document with a GVWR less</u> than or equal to 4536 kg (10,000 lb.)

TYPE 1 The following statement is applicable to all types of incomplete vehicles contained in this document.

This incomplete vehicle, when completed, will conform to with CMVSS/FMVSS 111 S6.2.3 (response time), S6.2.4 (linger time), S6.2.5 (deactivation) and S6.2.6 (default view) providing no alterations are made which affect the function, physical, chemical, or mechanical properties, environment, location or vital spatial clearances of the components, assemblies or systems, as manufactured by General Motors, including but not limited to those listed below:

Body Control Module (BCM)

Video display Wiring for video display

### TYPE 2 Regarding durability

This incomplete vehicle, when completed, will conform to with CMVSS/FMVSS 111 S14.3 (durability requirements) provided the GM supplied camera is mounted in the original location or in a location protected from the spray of water, mud and other substances onto the camera.

#### TYPE 2 Field of view and size

This incomplete vehicle, when completed, will conform to with CMVSS/FMVSS 111 S6.2.1 (field of view) and S6.2.2 (size) provided the GM supplied camera is mounted in the original location.

### CMVSS 113 and FMVSS 113 – HOOD LATCH SYSTEM Applies to all types of Incomplete Vehicles contained in this Document

### TYPE 1 The following statement is applicable to all types of incomplete vehicles contained in this document.

This incomplete vehicle, when completed, will conform to CMVSS 113 and FMVSS 113 providing no alterations are made which affect the function, physical, chemical, or mechanical properties, environment, location or vital spatial clearances of the components, assemblies or systems, as manufactured by General Motors, including but not limited to those listed below:

Hood latch systems, which may include but are not limited to:

Hood latch (catch) assembly Hood latch cable release system including controls Hood latch pilot Hood latch striker plate (hook) and reinforcements Hood latch support assembly

## CMVSS 114 and FMVSS 114 – THEFT PROTECTION AND ROLLAWAY PREVENTION Applies to all types of Incomplete Vehicles Contained in this Document 4536 kg (10,000 lb) GVWR or less

#### TYPE 1 The following statement is applicable to all types of incomplete vehicles contained in this document.

This incomplete vehicle, when completed, will conform to CMVSS 114 and FMVSS 114 providing no alterations are made which affect the function, physical, chemical, or mechanical properties, environment, location or vital spatial clearances of the components, assemblies or systems, as manufactured by General Motors, including but not limited to those listed below:

Brake-transaxle/transmission interlock controls Electronic Immobilizer Engine electronics (ECM/PCM/VCM) Engine starter interlock controls Ignition key Ignition key warning chime system Owner Manual Instructions
Steering column lock assembly
Transaxle/Transmission assembly
Transaxle/Transmission assembly neutral start
switch and wiring

### CMVSS 115 – VEHICLE IDENTIFICATION NUMBER Applies to all types of Incomplete Vehicles contained in this Document

### TYPE 1 The following statement is applicable to all types of incomplete vehicles contained in this document.

This incomplete vehicle, when completed, will conform to CMVSS 115 providing no alterations are made which affect the function, physical, chemical, or mechanical properties, environment, location or vital spatial clearances of the components, assemblies or systems, as manufactured by General Motors, including but not limited to those listed below:

The Vehicle Identification Number (VIN)
VIN label or plate

VIN plate fasteners

### CMVSS 116 and FMVSS 116 – MOTOR VEHICLE BRAKE FLUIDS Applies to all types of Incomplete Vehicles contained in this Document

### TYPE 1 The following statement is applicable to all types of incomplete vehicles contained in this document.

The hydraulic brake fluid in this incomplete vehicle, as manufactured by General Motors, will conform to CMVSS 116 and FMVSS 116 providing no alterations are made which affect the physical or chemical properties of the brake fluid.

## CMVSS 118 and FMVSS 118 – POWER OPERATED WINDOW, PARTITION AND ROOF PANEL SYSTEMS Applies to all types of Incomplete Vehicles Contained in this Document

### <u>Applies to all types of Incomplete Vehicles Contained in this Document</u> <u>4536 kg (10,000 lb) GVWR or less</u>

### TYPE 1 The following statement is applicable to all types of incomplete vehicles contained in this document.

This incomplete vehicle, if equipped by General Motors with power windows, when completed, will conform to CMVSS 118 and FMVSS 118 providing no alterations are made which affect the function, physical, chemical, or mechanical properties, environment, location or vital spatial clearances of the components, assemblies or systems, as manufactured by General Motors, including but not limited to those listed below (if equipped):

Power window electrical system Power window operating system Power window operating system control logic Sunroof operating system Sunroof electrical system Window glazing material

Final compliance with CMVSS 118 and FMVSS 118 is the responsibility of the final stage manufacturer for any modifications, or added material, components, or systems.

### CMVSS 124 and FMVSS 124 – ACCELERATOR CONTROL SYSTEMS Applies to all types of Incomplete Vehicles contained in this Document

### TYPE 1 The following statement is applicable to all types of incomplete vehicles contained in this document.

This incomplete vehicle, when completed, will conform to CMVSS 124 and FMVSS 124 providing no alterations are made which affect the function, physical, chemical, or mechanical properties, environment, location or vital spatial clearances of the components, assemblies or systems, as manufactured by General Motors, including but not limited to those listed below:

Accelerator/throttle control systems, including but not limited to:

Attachment pin, hole or ball stud to fuel injection unit throttle lever

Cable or rod, throttle or accelerator, and support bracket including seals

Cruise control module, wiring and cable (if equipped) Electronic throttle control assembly and related wiring Floor covering material must not be installed under pedal or within 25.4 mm (1 in) of side of pedal Lever, throttle or accelerator and supporting bracket Pedal-throttle or accelerator and attachments Spring(s) - throttle or accelerator return

## CMVSS 126 and FMVSS 126 – ELECTRONIC STABILITY CONTROL SYSTEMS <u>Applies to all types of Incomplete Vehicles Contained in this Document</u> 4536 kg (10,000 lb) GVWR or less

TYPE 3 The following statement is applicable to all types of incomplete vehicles contained in this document, with a 4536 kg (10,000 lb) GVWR or less.

Conformity with CMVSS 126 and FMVSS 126 cannot be determined based upon the components supplied on the incomplete vehicle, and General Motors makes no representation to conformity with the standard.

## FMVSS 127 – AUTOMATIC EMERGENCY BRAKING SYSTEMS FOR LIGHT VEHICLES Applies to all types of Incomplete Vehicles Contained in this Document 4536 kg (10,000 lb) GVWR or less

TYPE 3 The following statement is applicable to all types of incomplete vehicles contained in this document, with a 4536 kg (10,000 lb) GVWR or less.

Conformity with FMVSS 127 cannot be determined based upon the components supplied on the incomplete vehicle, and General Motors makes no representation to conformity with the standard.

## CMVSS 135 and FMVSS 135 – LIGHT VEHICLE BRAKE SYSTEMS Applies to all types of Incomplete Vehicles Contained in this Document with a 3500 kg (7,716 lb) GVWR or less

TYPE 2 The following statement is applicable to all types of incomplete vehicles contained in this document with a 3500 kg (7,716 lb) GVWR or less.

This incomplete vehicle when completed will conform to CMVSS 135 and FMVSS 135 provided the intermediate or final stage manufacturer complete it in accordance with the following specific conditions:

A. Provided no alterations are made which affect the function, physical, chemical, or mechanical properties, environment, location or vital spatial clearances of the components, assemblies or systems including but not limited to those listed below:

Anti-Lock Brake System

Brake assemblies and components (service/parking) (i.e. power boosters, master cylinder, wheel cylinder, calipers, rotors, wheel speed sensor, wheel speed, sensor wiring, brake lining etc.)

Brake pedal, brake switch, parking brake hand lever or park brake switch and related mechanical components

Brake system electrical controls and logic Gauges and warning devices, and statements Hydraulic brake fluid and reservoirs Hydraulic brake lines, fittings and routings
Hydraulic brake valves and components
Master cylinder-warning statement
Owner Manual instructions
Parking brake actuator and related
mechanical components
Power steering or vacuum lines and routing
Power steering or vacuum pump
Tires and Wheels
Vacuum brake lines, fittings and routings
Vehicle wiring harnesses

B. The percent front weight at GVWR and percent front weight in CMVSS 135 and FMVSS 135 lightly loaded condition are met as tabulated below per completed vehicle wheel base and vehicle type. NOTE: The wheelbase as shipped from General Motors is 2854 mm (112.4 in).

#### CMVSS 135 and FMVSS 135 BRAKE TABLE

Completed Vehicle Wheelbase		Vehicle Type	Percent of Front Weight at GVWR (percent)	Percent of Front Weight in Standard 135 Lightly Loaded Condition (percent)	
mm	inches				
3072	120.9	VXT	46.5 – 50.0	52.5 – 56.4	

- C. The completed vehicle wheelbase does not exceed the maximum completed vehicle wheelbase as noted in the CMVSS 135 and FMVSS 135 BRAKE TABLE above.
- D. The GVWR, GAWR front and rear weight ratings as listed in the <u>GVWR/GAWR Mass Table</u> at the beginning of this document must not be exceeded.

### FMVSS 138 – TIRE PRESSURE MONITORING SYSTEM Applies to all types of Incomplete Vehicles Contained in this Document

TYPE 2 The following statement is applicable to all types of incomplete vehicles contained in this document with a 4536 kg (10,000 lb) GVWR or less (unless otherwise noted on the cover).

This incomplete vehicle, when completed, will conform to FMVSS 138, providing the vehicle is equipped with a Tire Pressure Monitoring System (TPMS) installed by General Motors, and no alterations are made which affect the function, physical, chemical, or mechanical properties, environment, location or vital spatial clearances of the components, assemblies or systems including but not limited to those listed below:

Body control module Tires and Wheels
Instrument panel cluster TPMS receiver module
Owner Manual Instructions TPMS sensors integral to the valve stems
Remote start coax antennae (if equipped) Vehicle wiring harness

All incomplete vehicles shipped from the General Motors assembly plant may have tire pressures set for shipping purposes only. It is the responsibility of the final stage manufacturer to label the vehicle in compliance to FMVSS 138. In addition, it is the responsibility of the final stage manufacturer to ensure the TPMS system is calibrated to the values printed on the final stage manufacturer's Tire Certification Label or Tire Information Label.

Wheelbase alteration, and/or addition of components may interfere with the TPMS radio frequency signal that may result in a malfunction warning displayed in the Driver Information Center (DIC). If this condition is observed, **go to the GM Upfitter Integration website located at www.gmupfitter.com** 

NOTE: The TPMS is not required to monitor the spare tire, either when it is stowed or when it is installed on the vehicle.

## CMVSS 201 and FMVSS 201 – OCCUPANT PROTECTION IN INTERIOR IMPACTS <u>Applies to all types of Incomplete Vehicles Contained in this Document</u> <u>with a 4536 kg (10,000 lb) GVWR or less</u>

#### TYPE 3 The following statement is applicable to all types of incomplete vehicles contained in this document.

Conformity with CMVSS 201 and FMVSS 201 cannot be determined based upon the components supplied on the incomplete vehicle, and General Motors makes no representation to conformity with the standard.

## CMVSS 202 and FMVSS 202A – HEAD RESTRAINTS <u>Applies to all types of Incomplete Vehicles Contained in this Document</u> <u>4536 kg (10,000 lb) GVWR or less</u>

### TYPE 1 The following statement is applicable ALL seating positions in the incomplete vehicle.

This incomplete vehicle, when completed, will conform to CMVSS 202 and FMVSS 202A providing no alterations are made which affect the function, physical, chemical, or mechanical properties, environment, location or vital spatial clearances of the components, assemblies or systems, as manufactured by General Motors, including but not limited to those listed below

Seat assemblies equipped with head restraints

Owner Manual instructions

### TYPE 3 The following statement is applicable to any seats installed by the upfitter.

Conformity with CMVSS 202 and FMVSS 202A cannot be determined based upon the components supplied on the incomplete vehicle, and General Motors makes no representation to conformity with the standard.

NOTE:

If the intermediate or final stage manufacturer adds or modifies seats as manufactured by General Motors, they are also responsible to provide an addendum to the Owner Manual in order to meet CMVSS 202 and FMVSS 202A requirements.

# CMVSS 203 and FMVSS 203 – IMPACT PROTECTION FOR THE DRIVER FROM THE STEERING CONTROL SYSTEM Applies to all types of Incomplete Vehicles Contained in this Document with a 4536 kg (10,000 lb) GVWR or less

#### TYPE 2 The following statement is applicable to all types of incomplete vehicles contained in this document.

This incomplete vehicle, when completed, will conform to CMVSS 203 and FMVSS 203 provided the Unloaded Vehicle Weight that appears in the GVWR/GAWR Mass Table at the beginning of this document is not exceeded and no alterations are made which affect the function, physical, chemical, or mechanical properties, environment, location or vital spatial clearances of the components, assemblies or systems including but not limited to those listed below:

Driver's seat assembly Instrument panel

Steering control system including related hardware
Steering wheel, column, and shaft

CMVSS 204 and FMVSS 204 – STEERING CONTROL REARWARD DISPLACEMENT

<u>Applies to all types of Incomplete Vehicles Contained in this Document</u>

with a 4536 kg (10,000 lb) GVWR or less and

### an unloaded vehicle weight of 2495 kg (5,500 lb) or less

TYPE 2 The following statement is applicable to all types of incomplete vehicles contained in this document (unless otherwise noted on the cover), with a 4536 kg (10,000 lb) GVWR or less and an unloaded vehicle weight of 2495 kg (5,500 lb) or less.

This incomplete vehicle, when completed, will conform to CMVSS 204 and FMVSS 204 provided the Unloaded Vehicle Weight that appears in the GVWR/GAWR Mass Table at the beginning of this document is not exceeded, and no alterations are made which affect the function, physical, chemical, or mechanical properties, environment, location or vital spatial clearances of the components, assemblies or systems including but not limited to those listed below that would affect the steering control system displacement in a 48 kph (30 mph) fixed barrier impact:

Front impact bar assembly and mounting system

Hood and hinge assemblies

Powertrain and powertrain mounting system
Steering control system including related hardware

Steering wheel, column, and shaft assembly

Tires and wheels

Vehicle/body front-end sheet metal components Vehicle/body front-end structural components Vehicle/body roof structure and components

### CMVSS 205 and FMVSS 205 – GLAZING MATERIALS Applies to all types of Incomplete Vehicles contained in this Document

TYPE 1 The following statement is applicable to all types of incomplete vehicles contained in this document.

The glazing installed on this incomplete vehicle will conform to CMVSS 205 and FMVSS 205 providing no alterations are made which affect the function, physical, chemical, or mechanical properties, environment, location or vital spatial clearances of the components, assemblies or systems, as manufactured by General Motors, including but not limited to those listed below:

Glazing material Monogram

Visibility of the monogram Windshield shade banding

The final stage manufacturer is responsible for compliance with CMVSS 205 and FMVSS 205 for any additional glazing installed.

### CMVSS 206 and FMVSS 206 – DOOR LOCKS AND DOOR RETENTION COMPONENTS Applies to all types of Incomplete Vehicles contained in this Document

TYPE 1 The following statement is applicable to all incomplete vehicle types contained in this document.

This incomplete vehicle, when completed, will conform to CMVSS 206 and FMVSS 206 provided no alterations are made which affect the function, physical, chemical, or mechanical properties, environment, location or vital spatial clearances of the components, assemblies or systems including but not limited to those listed below:

Door and pillar systems, including but not limited to:

Body rear end upper and lower panel

Door hinges

Door latch strikers and striker plates

Door latches

Door locks

Door pillars

Door wedges

Doors

Exterior door handles
Inside lock control linkages

Rear compartment latch and striker assembly

Rear compartment lid assembly

Rear compartment lid hinge assembly

Final compliance with CMVSS 206 and FMVSS 206 is the responsibility of the final stage manufacturer for any modifications, or added material, parts, components, or systems.

#### TYPE 3 The following statement is applicable to any door or door system installed by the upfitter.

Conformity with CMVSS 206 and FMVSS 206 cannot be determined based upon the components supplied on by the final stage manufacturer. General Motors makes no representation to conformity with the standard.

### CMVSS 207 and FMVSS 207 – SEATING SYSTEMS Applies to all types of Incomplete Vehicles Contained in this Document

### TYPE 1 The following statement is applicable to all types of incomplete vehicles contained in this document.

This incomplete vehicle, when completed, will conform to CMVSS 207 and FMVSS 207 providing no alterations are made which affect the function, physical, chemical, or mechanical properties, environment, location or vital spatial clearances of the components, assemblies or systems, as manufactured by General Motors, including but not limited to those listed below:

Floor pan assemblies Seat assembly

Folding seat or seat back latch assembly

Seat or seat back latch assembly

Seat or seat back latch release control

Seat anchorage brackets, reinforcements,

Seat or seat back latch release com-

attachment hardware, etc. Seat riser

Final compliance with CMVSS 207 and FMVSS 207 is the responsibility of the final stage manufacturer for any modifications, or added material, parts, components, or systems.

TYPE 3 The following statement is applicable to all types of incomplete vehicles contained in this document with respect to any seats, seat belt assemblies or seat belt assembly anchorages installed by the intermediate or final stage manufacturer.

Conformity with CMVSS 207 and FMVSS 207 cannot be determined based upon the components supplied on the incomplete vehicle, and General Motors makes no representation to conformity with the standard.

# CMVSS 208 and FMVSS 208 – OCCUPANT CRASH PROTECTION Applies to all types of Incomplete Vehicles Contained in this Document with a 3856 kg (8,500 lb) GVWR or less and an unloaded vehicle weight of 2495 kg (5,500 lb) or less

- TYPE 2 The following statement is applicable to the front seating positions in all types of incomplete vehicles contained in this document with the General Motors allowable unloaded vehicle weight of 2495 kg (5,500 lb) or less and a GVWR of 3856kg (8,500 lb) or less.
  - A. The front seating positions provided by General Motors will conform to the requirements of CMVSS 208 and FMVSS 208, providing the Unloaded Vehicle Weight that appears in the GVWR/GAWR Mass Table at the beginning of this document is not exceeded and no alterations are made which affect the function, physical, chemical, or mechanical properties, environment, location or vital spatial clearances of the components, assemblies or systems including but not limited to those listed below:
    - 1. The number, location or configuration of the designated seating positions.
    - 2. The number, placement, installation or model number of the seat belt assemblies provided.
    - 3. The owner manual instructions, the instrument panel or its mounting, the steering column/shaft or its mounting, the knee bag or its mounting, the steering wheel, horn pad, driver air bag module or its mounting and covering, passenger airbag module or its mounting or covering (if equipped), air bag crash sensors. Note: For the "Passenger Sensing System" (if equipped), modifying or putting a padded cover on the passenger seat can affect the performance of this system.

- 4. Sensor Diagnostic Module (SDM) and all air bag system wiring. Do not relocate or move the SDM, or airbag crash sensors. Do not obstruct the path of air bag deployment. Do not mount any components that produce more than a 20 Gauss magnetic field as measured at the SDM. Speakers/magnets must be located at least 12.7 cm (5 in) from the SDM. You must disconnect the SDM before doing any welding on the vehicle, otherwise do not disconnect the SDM. Caution: To help avoid Personal Injury Due to unwanted air bag inflation, observe the following precautions! Do not weld, solder, braze, hammer, machine, drill, heat, electrical splice, add onto, remove, relocate, test, paint, loosen or in any way alter air bag components or wiring or fuses. Carpet may be put over the SDM if an appropriate moisture barrier (such as a rubber-matted backing) is supplied. When performing any operation around air bag components or wiring, including but not limited to any operations around the instrument panel, electrical wiring and fuse block, steering column/wheel, and the engine compartment, you must disable the air bag system prior to the operation. If the vehicle is equipped with an SDM, you must disable the air bag system prior to installing intermediate or final stage manufacturer components. Note: Striking or dropping a powered SDM may cause air bag deployment. The air bag system must be enabled after operation completion. This must be verified before shipping the vehicle. Instructions for disabling and enabling the air bag system can be found in the GM service manual. Note: All connectors that have wiring routed between the SDM and an air bag inflator module have yellow connectors.
- 5. If the sun visor is removed or altered, or if the intermediate or final stage manufacturer installs the sun visor, a new Inflatable Restraints System Caution label must be installed per CMVSS 208 and FMVSS 208 requirements. In order to be in compliance with CMVSS 208 and FMVSS 208 no other label shall be installed on the same side of the sun visor as the Air Bag Caution label. The instrument panel temporary warning label must not be removed.
- 6. The vehicle frame, front bumper system, front sheet metal or other front structure, roof structure, doors, floor pan, dash panel, cowl structure, driveline or contents of the engine compartment by any incomplete or final stage manufacturer which would result in any difference from the modified vehicle's deceleration if the modified vehicle were to be subjected to barrier impact tests conducted per CMVSS 208 and FMVSS 208.
- TYPE 3 The following statement is applicable to all types of incomplete vehicles contained in this document with respect to any seats, seat belt assemblies or seat belt assembly anchorages installed by the intermediate or final stage manufacturer.

Conformity with CMVSS 208 and FMVSS 208 cannot be determined based upon the components supplied on the incomplete vehicle, and General Motors makes no representation to conformity with the standard.

### CMVSS 209 and FMVSS 209 – SEAT BELT ASSEMBLIES Applies to all types of Incomplete Vehicles Contained in this Document

TYPE 1 The following statement is applicable to all types of incomplete vehicles contained in this document.

The seat belt assembly provided by General Motors when mounted to its original attachments locations at any designated seating position, will conform to CMVSS 209 and FMVSS 209 providing no alterations are made which affect the function, physical, chemical, or mechanical properties, environment, location or vital spatial clearances of the components, assemblies or systems, as manufactured by General Motors, including but not limited to those listed below:

Owner Manual instructions Seat anchorages Seat assemblies Seat belt anchorages Seat belt assemblies

TYPE 3 The following statement is applicable to all types of incomplete vehicles contained in this document with respect to any seats, seat belt assemblies or seat belt assembly anchorages installed by the intermediate or final stage manufacturer.

Conformity with CMVSS 209 and FMVSS 209 cannot be determined based upon the components supplied on the incomplete vehicle, and General Motors makes no representation to conformity with the standard.

### CMVSS 210 and FMVSS 210 – SEAT BELT ASSEMBLY ANCHORAGES Applies to all types of Incomplete Vehicles Contained in this Document

TYPE 1 The following statement is applicable to all types of incomplete vehicles contained in this document.

This incomplete vehicle, when completed, will conform to CMVSS 210 and FMVSS 210 providing no alterations are made which affect the function, physical, chemical, or mechanical properties, environment, location or vital spatial clearances of the components, assemblies or systems, as manufactured by General Motors, including but not limited to those listed below:

B, C, and D-pillar structures Child restraint system including lower and top tether anchorages, seat brackets, plates and reinforcements

Floor pan assembly Owner Manual instructions

Roof structure

Seat assemblies Seat belt assemblies

Seat belt anchorage brackets, plates, and

reinforcements Seat belt routing

Seat position/adjustment capability

TYPE 3 The following statement is applicable to all types of incomplete vehicles contained in this document with respect to any seats, seat belt assemblies or seat belt assembly anchorages installed by the intermediate or final stage manufacturer.

Conformity with CMVSS 210 and FMVSS 210 cannot be determined based upon the components supplied on the incomplete vehicle, and General Motors makes no representation to conformity with the standard.

# CMVSS 210.1 – TETHER ANCHORAGES FOR RESTRAINT SYSTEMS Applies to all types of Incomplete Vehicles Contained in this Document to be completed as a Multipurpose Passenger Vehicle or Truck with a 3856 kg (8,500 lb) GVWR or less and an Unloaded Vehicle Weight of 2495 kg (5,500 lb) or less

TYPE 3 The following statement is applicable to all multipurpose passenger vehicle or truck types of incomplete vehicles contained in this document with a 3856 kg (8,500 lb) GVWR or less and an Unloaded Vehicle Weight of 2495 kg (5,500 lb) or less.

Conformity with CMVSS 210.1 cannot be determined based upon the components supplied on the incomplete vehicle, and General Motors makes no representation to conformity with the standard.

## CMVSS 210.2 – LOWER UNIVERSAL ANCHORAGE SYSTEMS FOR RESTRAINT SYSTEMS AND BOOSTER CUSHIONS Applies to all types of Incomplete Vehicles Contained in this Document

with a 3856 kg (8,500 lb) GVWR or less and an Unloaded Vehicle Weight of 2495 kg (5,500 lb) or less

TYPE 3 The following statement is applicable to all multipurpose passenger vehicle or truck types of incomplete vehicles contained in this document with a 3856 kg (8,500 lb) GVWR or less and an Unloaded Vehicle Weight of 2495 kg (5,500 lb) or less.

Conformity with CMVSS 210.2 cannot be determined based upon the components supplied on the incomplete vehicle, and General Motors makes no representation to conformity with the standard.

CMVSS 212 and FMVSS 212 – WINDSHIELD MOUNTING
Applies to all types of Incomplete Vehicles Contained in this Document

#### TYPE 2 The following statement is applicable to all types of incomplete vehicles contained in this document.

This incomplete vehicle, when completed, will conform to CMVSS 212 and FMVSS 212 if no alterations are made which affect the function, physical, chemical, or mechanical properties, environment, location or vital spatial clearances of the components, assemblies or systems including but not limited to those listed below:

Air bag crash sensors

Air bag system including covers and module

Air bag system wiring harnesses, connectors, and

fuses/relays

Dash panel and cowl assembly

Doors and hinge assemblies

Frame assembly and mounting system

Front impact bar assembly and mounting system

Hood and hinge assemblies

Powertrain and powertrain mounting system

Seat anchorages

Seat assemblies

Seat belt anchorages

Seat belt assemblies

Sensor Diagnostic Module (SDM) and

retainers/brackets

Steering control system including related

hardware

Steering wheel, column, and shaft assembly

Sun visor assemblies

Vehicle/body front sheet metal

components/reinforcements

Vehicle/body front structural

components/reinforcements

Vehicle/body roof structure and components

Windshield and windshield mounting system

Windshield frame/frame reinforcement

During a 48 kph (30 mph) frontal barrier impact test, no component installed by any intermediate or final stage manufacturer shall move forward from its permanently mounted position.

The Unloaded Vehicle Weight that that appears in the GVWR/GAWR Mass Table at the beginning of this document is not exceeded.

## CMVSS 213.4 and FMVSS 213 – BUILT-IN CHILD RESTRAINT SYSTEMS AND BUILT-IN BOOSTER CUSHIONS Applies to all types of Incomplete Vehicles contained in this Document

TYPE 3 The following statement is applicable to all types of incomplete vehicles contained in this document.

Conformity with CMVSS 213.4 and FMVSS 213 cannot be determined based upon the components supplied on the incomplete vehicle, and General Motors makes no representation to conformity with the standard.

CMVSS 214 and FMVSS 214 – SIDE IMPACT PROTECTION

<u>Applies to all types of Incomplete Vehicles contained in this Document</u>

<u>4536 kg (10,000 lb) GVWR or less – Static</u>

4536 kg (10,000 lb) GVWR or less – Dynamic (Oblique Vehicle to Pole Impact)

TYPE 3 The following statement is applicable to all types of incomplete vehicles contained in this document.

Conformity with CMVSS 214 and FMVSS 214 cannot be determined based upon the components supplied on the incomplete vehicle, and General Motors makes no representation to conformity with the standard.

CMVSS 216 and FMVSS 216a – ROOF CRUSH RESISTANCE

Applies to all types of Incomplete Vehicles contained in this Document

with a 4536 kg (10,000 lb) GVWR or less

TYPE 2 The following statement is applicable to all types of incomplete vehicles contained in this document with a 4536 kg (10,000 lb.) GVWR or less.

A. This incomplete vehicle conforms to CMVSS 216 and FMVSS 216a providing the Unloaded Vehicle Weight specified in Mass Table A that appears at the beginning of this document is not exceeded and if no alterations are made which affect the function, physical, chemical, or mechanical properties, environment, location or vital spatial clearances of the components, assemblies or systems, as manufactured by General Motors, including but not limited to those listed below:

A, B, C pillar structure Air bag system Antennae Assist handles Body roof structure and

components/reinforcements

Body sheet metal components/reinforcements Body structural components/reinforcements

Dash panel and cowl structure

Door pads Door structure

Front, rear and side glazing materials and

mounting Headliner

Headliner Hood assembly Hood mounts Instrument panel

Interior compartment doors Motor compartment structure and

components Roof Structure Seat adjusters

Seats, seat backs and head restraints Structural components and door

assemblies Sun visors

Upper interior trim

Windshield and windshield frame

B. The unloaded vehicle weight of the completed vehicle does not exceed 2426 kg.

### CMVSS 219 and FMVSS 219 - WINDSHIELD ZONE INTRUSION Applies to all types of Incomplete Vehicles contained in this Document with a 4536 kg (10,000 lb) GVWR or less

### TYPE 2 The following statement is applicable to all types of incomplete vehicles contained in this document.

This incomplete vehicle, when completed, will conform to CMVSS 219 and FMVSS 219 providing:

A. No alterations are made which affect the function, physical, chemical, or mechanical properties, environment, location or vital spatial clearances of the components, assemblies or systems including but not limited to those listed below:

Antennae

Body roof structure and components/reinforcements Body sheet metal components/reinforcements Body structural components/reinforcements

Dash panel and cowl structure

Front, rear and side glazing materials and mounting

Hood assembly Hood mounts

Motor compartment structure and components

Windshield wiper Windshield wiper motor

- B. The Unloaded Vehicle Weight that that appears in the GVWR/GAWR Mass Table at the beginning of this document is not exceeded.
- C. During a 48 kph (30 mph) frontal barrier impact test:
  - 1. No component installed by any intermediate or final stage manufacturer shall prevent the hood from folding in its designed folding pattern; and
  - 2. No component installed by any intermediate or final stage manufacturer shall penetrate the windshield or protected zone.

## CMVSS 220 and FMVSS 220 – SCHOOL BUS ROLLOVER PROTECTION For all types of Incomplete Vehicles Contained in this Document using CMVSS 220 or FMVSS 220 as an Alternative Compliance procedure for CMVSS 216 or FMVSS 216a

#### TYPE 3 The following statement is applicable to all types of incomplete vehicles contained in this document.

Conformity with CMVSS 220 and FMVSS 220 cannot be determined based upon the components supplied on the incomplete vehicle, and General Motors makes no representation to conformity with the standard.

## FMVSS 225 – CHILD RESTRAINT ANCHORAGE SYSTEMS <u>Applies to all types of Incomplete Vehicles Contained in this Document</u> 3855 kg (8,500 lb) GVWR or less

### TYPE 3 The following statement is applicable to all types of incomplete vehicles contained in this document.

Conformity with FMVSS 225 cannot be determined based upon the components supplied on the incomplete vehicle, and General Motors makes no representation to conformity with the standard.

## CMVSS 226 and FMVSS 226 – EJECTION MITIGATION <u>Applies to all types of Incomplete Vehicles Contained in this Document</u> 4536 kg (10,000 lb.) GVWR or less

#### TYPE 3 The following statement is applicable to all types of incomplete vehicles contained in this document.

Conformity with CMVSS 226 and FMVSS 226 cannot be determined based upon the components supplied on the incomplete vehicle, and General Motors makes no representation to conformity with the standard.

### CMVSS 301 and FMVSS 301 – FUEL SYSTEM INTEGRITY Refer to Vehicle Types, GVWRs, and Applicable Statements that follow

#### TYPE 2 The following statement is applicable to all types of incomplete vehicles contained in this document.

his incomplete vehicle, when completed, will conform to CMVSS 301 and FMVSS 301 providing it is completed in accordance with the following specific conditions by the (intermediate and) final stage manufacturer:

A. The following items when installed by General Motors will conform providing no alterations are made which affect the function, physical, chemical, or mechanical properties, environment, location or vital spatial clearances of the components, assemblies or systems, as manufactured by General Motors, including but not limited to those listed below:

Fuel filler door assembly

Fuel filter

Fuel hose shields

Fuel pipes and hose assemblies

Fuel system

Fuel system attaching or protective structure

Fuel system control module

Fuel system fasteners and retainers

Fuel tank assembly

Fuel tank cap assembly Fuel tank filler neck hose

Fuel tank filler neck/pipe vent hose

Fuel tank filler neck/pipe vent hose clamp/strap

Fuel tank filler neck/pipe housing assembly

Fuel tank filler neck/pipe hose clamp/clamp assembly

Fuel tank meter assembly

Fuel tank shields

Fuel vapor lines and canister assembly

Fuel tank filler neck/pipe assembly

Fuel tank filler neck/pipe fasteners

Fuel tank filler neck/pipe plate

- B. This incomplete vehicle, when completed, will conform to CMVSS 301 and FMVSS 301 Fuel System Integrity if:
  - 1. No alterations are made to the fuel system and attaching or protective structure, the contents or arrangement of the engine compartment, the powertrain and driveline, the cab structure, the chassis structure, the bumper system, door structure, or tires and wheels.
  - The Unloaded Vehicle Weight that appears in the GVWR/GAWR Mass Table at the beginning of this document is not exceeded.
  - 3. The final stage manufacturer completes the fuel filler neck and fuel level sender installation(s) according to "Best Practices" or "Special Applications (if applicable)" sections found within the Body Builder Manuals on the GM Upfitter Integration website located at <a href="https://www.gmupfitter.com">www.gmupfitter.com</a>
  - 4. During all barrier impact tests:
    - a. No component installed by any intermediate or final stage manufacturer impinges or causes distortion to the fuel system with sufficient energy to puncture or separate the fuel system.
    - b. No vehicle modification by any intermediate or final stage manufacturer results in any portion of the vehicle impinging upon or causing distortion to the fuel system with sufficient energy to puncture or separate the fuel system. Care should be taken that the structural integrity of the vehicle is restored following any modification of the structure.
    - c. Any body components installed by an intermediate or final stage manufacturer is mounted securely to absorb loads and prevent movement relative to the body which could cause any fuel system component to be punctured, separated or otherwise damaged when tested to applicable procedures of CMVSS 301 or FMVSS 301.

### CMVSS 302 and FMVSS 302 - FLAMMABILITY OF INTERIOR MATERIALS Applies to all types of Incomplete Vehicles contained in this Document

TYPE 1 The following statement is applicable to all types of incomplete vehicles contained in this document.

This incomplete vehicle, when completed will conform to CMVSS 302 and FMVSS 302 providing no alterations are made which affect the function, physical, chemical, or mechanical properties, environment, location or vital spatial clearances of the components, assemblies or systems, as manufactured by General Motors, including but not limited to those listed below:

All trim panels including door, front, rear and side

panels Arm rests

Compartment shelves

Console

Engine compartment covers

Floor coverings

Head restraints Headlining Instrument panel Seat assemblies

Seat backs Seat belts

Seat cushions Shades Sun visors

Wheel housing covers

NOTE: The list above also includes any other interior materials, such as padding and crash-deployed elements that are designed to absorb energy on contact by occupants in the event of a crash.

TYPE 3 The following statement is applicable to all types of incomplete vehicles contained in this document. If the intermediate or final stage manufacturer installs any items but not limited to those listed above (examples: Curtains, Engine compartment cover, Mattress covers, Shades and Wheel housing covers, etc.), they must also meet the requirements of this CMVSS 302 and FMVSS 302.

Conformity with CMVSS 302 and FMVSS 302 cannot be determined based upon the components supplied on the incomplete vehicle, and General Motors makes no representation to conformity with the standard.

### FMVSS 403 – PLATFORM LIFT SYSTEMS Applies to all types of Incomplete Vehicles contained in this Document

TYPE 3 The following statement is applicable to all types of incomplete vehicles contained in this document.

Conformity with FMVSS 403 cannot be determined based upon the components supplied on the incomplete vehicle, and General Motors makes no representation to conformity with the standard.

### FMVSS 404 – PLATFORM LIFT INSTALLATIONS IN MOTOR VEHICLES Applies to all types of Incomplete Vehicles contained in this Document

TYPE 3 The following statement is applicable to all types of incomplete vehicles contained in this document.

Conformity with FMVSS 404 cannot be determined based upon the components supplied on the incomplete vehicle, and General Motors makes no representation to conformity with the standard.

### PART II

### U.S. EPA, CALIFORNIA, AND CANADIAN EXHAUST & EVAPORATIVE EMISSION REQUIREMENTS AND EPA/NHTSA GREENHOUSE GAS EMISSIONS/FUEL ECONOMY REGULATIONS

Incomplete vehicles come in three major classifications: (1) Light Duty Vehicles, Light Duty Trucks, and Heavy Duty Vehicles (Including Medium Duty in California) are certified by the primary manufacturer and the vehicle is labeled as being in compliance with emission and fuel economy requirements. (2) Heavy Duty Vehicles are required to have an engine certified by the engine manufacturer and bear an engine emissions label, and if a gasoline vehicle, bear an evaporative emissions label. (3) Light Duty Vehicles certified and labeled by the intermediate or final stage vehicle manufacturer as being in compliance with emission and fuel economy requirements.

In addition, all gasoline/gasoline-ethanol blend powered Federal/California Light Duty, Medium Duty and Heavy Duty Vehicles are required to have an approved fuel evaporative emission control system. Vehicles certified to Heavy Duty gasoline emission standards also require special evaporative emission labeling. In order to assure that Environmental Protection Agency (EPA), National Highway Traffic Safety Administration (NHTSA), California and Canada Emission Certification and/or Greenhouse Gas/Fuel Economy regulations are met, this vehicle must be completed in strict accordance with all instructions contained in this manual, especially the following instructions which relate to:

### **EMISSION RELATED COMPONENTS**

### TYPE 1 The following statement is applicable to all types of incomplete vehicles contained in this document (unless otherwise noted on the cover).

A. This incomplete vehicle, when completed, will conform to U.S. EPA, CALIFORNIA, AND CANADIAN EXHAUST & EVAPORATIVE EMISSION REQUIREMENTS AND EPA/NHTSA GREEENHOUSE GAS EMISSIONS/FUEL ECONOMY REGULATIONS providing the vehicle is completed in strict accordance with all statements included in this document, especially those that relate to: "EMISSION RELATED COMPONENTS, and no alterations are made which affect the function, physical, chemical, or mechanical properties, environment, location or vital spatial clearances of the components, assemblies or systems, as manufactured by General Motors, including but not limited to those listed below (if equipped):

Air Injection Reaction (AIR) System

Axle

**Brake System** 

Catalytic Converter

Components for All Wheel Drive (AWD) System: axle, Power Take-Off Unit (PTU), propshaft

Diesel Exhaust Emission Reduction Fluid (DEF) system, including, but not limited to: associated plumbing, fill neck assembly heated delivery line, heater, injector, level sensor, pump, sensors, tank temperature sensor

Diesel Exhaust System, including, but not limited to: NOx Sensors, NOx Sensor Control Module, Diesel Exhaust (HCI) Direct Fuel Injector System, associated plumbing. injectors, injector controller and calibrations

Diesel/Bio-Diesel blend Particulate Filter (DPF) system, including, but not limited to: diesel/bio-diesel blend particulate filter assembly diesel/bio-diesel blend oxidation catalyst assembly, exhaust system pressure differential assembly and/or plumbing, exhaust temperature sensor

Engine Assembly, including, but not limited to: cooling fan and drive system, crankcase emission control system, evaporative emission control system, Exhaust Gas Recirculation (EGR) system, fuel delivery and injection system, glow plugs, Glow Plug Control Module (GPCM), ignition system, Positive Crankcase Ventilation (PCV) system Engine Electronics, including, but not limited to: coolant temperature sensor. ECM/GPCM/PCM/VCM, engine speed

sensor, mass air flow sensor, calibrations/software

Exhaust oxygen sensors

Exhaust system

Intake System, including, but not limited to: air induction components/system ducts, filter, mass air flow sensor, intake air heater

Onboard Diagnostics Emission System

Tires and Wheels

Transaxle/Transmission Assembly

Transaxle/Transmission Electronics, including, but not limited to: calibrations/software Transmission Control Module (TCM)

Turbo Charging System, associated equipment and controls

- B. The front and rear tires pressures must be inflated to the values shown in the FUEL ECONOMY AND EMISSIONS TABLE that appears below.
- C. The Frontal Area and Vehicle Test Weight shown in the FUEL ECONOMY AND EMISSIONS TABLE that appears below must not be exceeded.

NOTES: All Federal/California gasoline/gasoline-ethanol blend powered heavy duty vehicles (except those equipped with option NJ2, Temporary Fuel Tank) will have an evaporative emission control system that is certified for a fuel tank capacity not to exceed the amount shown on the Vehicle Emission Control Information Label. Intermediate or Final Stage Manufacturers wishing to add fuel tank capacity beyond the original equipment fuel tank capacity must contact California Air Resources Board and/or submit a written statement to the EPA Administrator that the Hydrocarbon Storage System has been upgraded according to the requirements of 40 CFR 86.095-35 (g) (2).

Vehicles equipped with option NJ2 - Temporary Fuel Tank do not have an evaporative emission control system.

D. Further compliance with applicable fuel evaporative emission regulations will be maintained if no alterations are made to the fuel filler neck

Compliance with applicable fuel evaporative emission regulations will be maintained if no alterations are made to change material or increase the size or length or position of the following non-metallic fuel and evaporative emission hoses:

Fuel feed hoses front and rear Fuel return hoses front and rear Fuel tank filler hoses to filler neck Fuel tank vent hoses to filler neck Fuel vapor lines at canister
Fuel vapor lines from engine to chassis pipes
Fuel vapor lines from fuel tank sender
to chassis pipes

E. This incomplete vehicle, when completed, will have an estimated fuel economy value determined in accordance with 40 CFR Part 600. This value is displayed on a fuel economy label prepared in accordance with the United States Environmental Protection Agency's fuel economy regulations by General Motors and furnished with this vehicle.

This incomplete vehicle, when completed, must not exceed the "Maximum Completed Vehicle Curb Weight" in the FUEL ECONOMY AND EMISSIONS TABLE shown below. To do so will invalidate the fuel economy value determined by the GM Powertrain – Emission Compliance and Certification Group, General Motors, and the emissions certification issued by the United States Environmental Protection Agency or the state of California, where applicable.

This incomplete vehicle, when completed, must not exceed the maximum body frontal area, listed below (specific per vehicle), and must not exceed the total Road Load Horsepower (RLHP) setting, listed below (per vehicle and weight class). To do so will invalidate the fuel economy value determined by the GM Powertrain — Emission Compliance and Certification Group, General Motors and the emissions certification issued by the United States Environmental Protection Agency or the state of California where applicable. RLHP setting and measuring procedures are described in Mobile Source Air Pollution Control Advisory Circular number 55c, for twin roll dynamometer procedures and EPA's Dear Manufacturer guidance letter VPCD-98-16 for single roll procedures, both of which are available from the United States Environmental Protection Agency.

### FUEL ECONOMY AND EMISSIONS TABLE CHEVROLET TRAVERSE

GM Tire Size	Cold Tire Pressure Front		Cold Tire Pressure Rear		RLHP Setting		Vehicle Test Weight Class		Maximum Completed Vehicle Curb Weight	
	psi	kpa	psi	kpa	hp	kw	kg	lb	kg	lb
255/65R18	35	240	35	240	15.0	11.2	2381	5250	2302	5075
255/55R20	35	240	35	240	15.5	11.6	2381	5250	2302	5075
275/45R22	35	240	35	240	16.5	12.3	2381	5250	2302	5075

NOTES: The "Vehicle Test Weight" (shown above) includes the weight of a vehicle with standard equipment, oil, lubricants, coolant and a full tank of fuel also including 136 kg (300 lb) to allow for the weight of two 68 kg (150 lb) passengers.

"Vehicle Curb Weight" (shown above) is defined as the weight of a "completed vehicle" with standard equipment, oil, lubricants, coolant and a full tank of fuel. Note: This definition may differ from definitions used by governmental regulatory agencies.

SPECIFICATION FOR FILL PIPES AND OPENINGS OF 2016 AND SUBSEQUENT MODEL MOTOR VEHICLE FUEL TANKS (APPLICABLE ONLY TO CALIFORNIA GASOLINE/GASOLINE-ETHANOL BLEND POWERED VEHICLES)

TYPE 2 The following statement is applicable to all types of incomplete vehicles contained in this document (unless otherwise noted on the cover).

This incomplete vehicle, when completed, will conform to Title 13, California Code of Regulations Section 2235, and the "Specifications for Fill Pipes and Openings of 2015 and subsequent Model Year Motor Vehicle Fuel Tanks", dated March 22, 2012, providing no alterations are made which affect the function, physical, chemical, or mechanical properties, environment, location or vital spatial clearances of the fuel filler neck.

#### **LABELS**

TYPE 2 The following statement is applicable to all types of incomplete vehicles contained in this document (unless otherwise noted on the cover).

This incomplete vehicle, when completed, will conform to U.S. EPA, CALIFORNIA, AND CANADIAN EXHAUST & EVAPORATIVE EMISSION REQUIREMENTS AND EPA/NHTSA GREENHOUSE GAS EMISSIONS/FUEL ECONOMY REGULATION labeling requirements providing no alterations are made which affect the function, physical, chemical, or mechanical properties, environment, location or vital spatial clearances of the Emission Control related Information Labels that are permanently affixed. The labels are required by government regulation and must not be obstructed from view or defaced to impair their visibility or legibility. In addition, an EPA/DOT Fuel Economy and Environment Label may be affixed to the window glass of the incomplete vehicle as manufactured by General Motors. If equipped, the label must remain in place until the ultimate customer receives this vehicle.

### **NOTES**

### **NOTES**