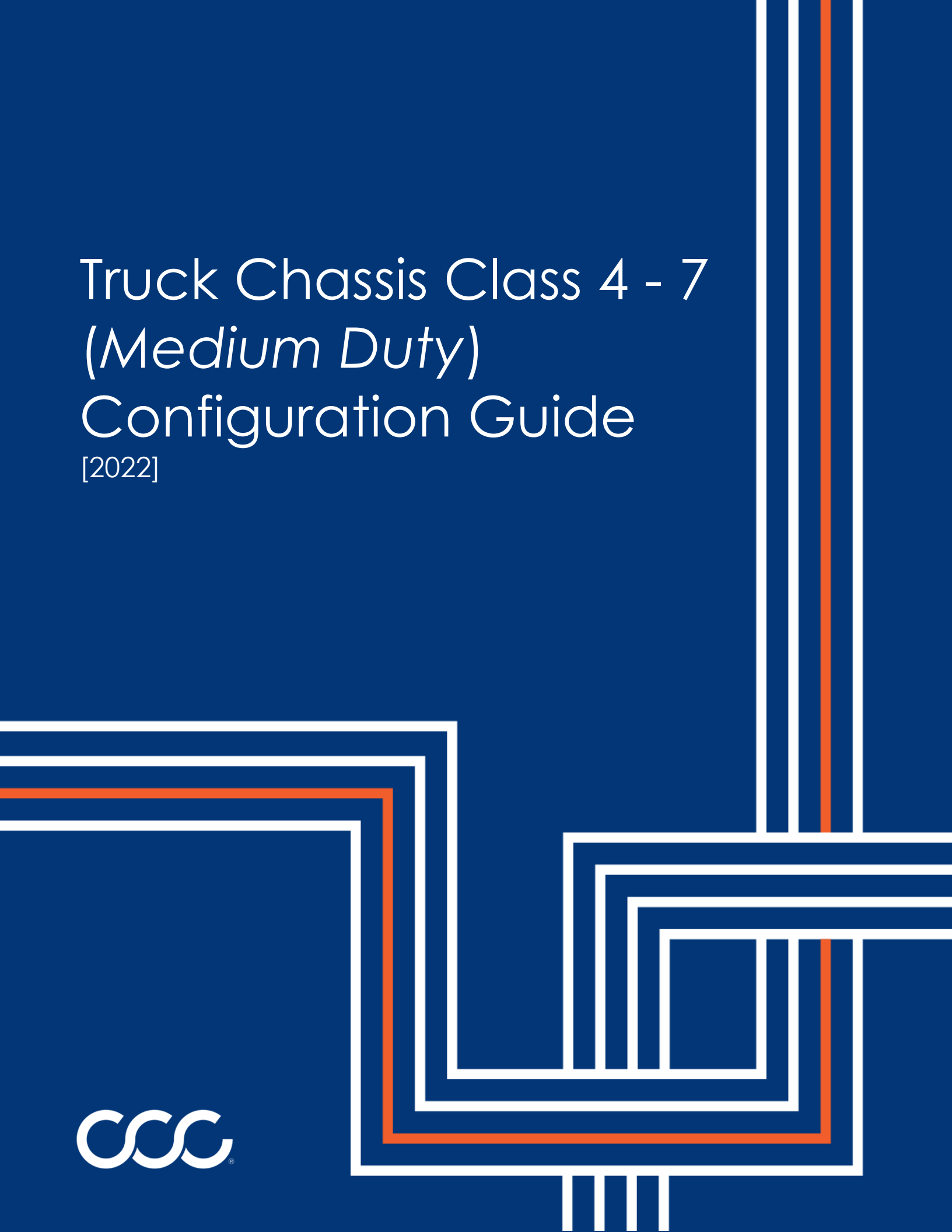


Truck Chassis Class 4 - 7 (*Medium Duty*) Configuration Guide [2022]



The Essential Questions

Information needed on Class 4-7 Trucks

- What is the **year, make** and **model** of the truck?
- What is the **horsepower (HP)** of the engine?
- What kind of **transmission** does the truck have (automatic, 10 speed, 8LL, etc.)?
- What are the **axle ratings**?
- If the truck has a **body**, what is the type/length/capacity/construction?
 - See Truck Body Configuration Guide

Class 4 - 7 Trucks

Class 4 - A Class 4 truck will usually have a gross vehicle rating between 14,001 to 16,000 pounds. Typically, this truck class will have a front axle rating of 5,000 pounds and a rear axle rating of 10,000 pounds.

Class 5 - A Class 5 truck will usually have a gross vehicle rating between 16,001 to 19,500 pounds. Typically, this truck class will have a front axle rating of 5,000 pounds and a rear axle rating of 12,000 pounds.

Class 6 - A Class 6 truck will usually have a gross vehicle rating between 19,501 to 26,000 pounds. Typically, this truck class will have a front axle rating of 9,000 pounds and a rear axle rating of 17,000 pounds.

Class 7 - A Class 6 truck will usually have a gross vehicle rating between 26,001 and 33,000 pounds. Typically, this truck class will have a front axle rating of 12,000 pounds and a rear axle rating of 21,000 pounds.

Please note:

- The full configuration guide should be reviewed for additional items that may enhance the overall value of the loss.
- Configuration changes to existing valuations may result in a new valuation.
- This guide should be reviewed in conjunction with the Truck Bodies configuration guides.

Engines

The engine make and size will often be identified by the VIN. If the VIN doesn't provide this information or the VIN cannot be obtained, this can be verified from the engine's data plate. This plate may give the engine's make, model, size, and horsepower. This plate is permanently affixed to the engine block, but the location may vary by manufacturer.

Interior

Is the interior standard or deluxe? Deluxe interior commonly includes leather seats, wood grain paneling/dash, chrome gauges, extra padding on interior doors and headliner. A Deluxe interior is rare on medium-duty trucks because these are often basic work trucks.

Transmission

Transmission make: This is usually found on the shift lever knob or on the shift pattern label for manual transmissions. For automatic transmissions, it's usually on the dash or shift mechanism itself.

Transmission type: Automatic or Manual?

- Automatic: This will be much like a standard car or truck. There is no clutch pedal, shift lever has park, neutral, drive, etc. settings.
Allison is known for producing only automatic transmissions.
- Manual: How many speeds does it have? The label typically found on the dash behind the shift lever will denote the number of speeds as shown below: 5 speed manual transmission is predominant on class 4-7 but can also have 6-7 speed or 8-9 speed.

Suspension

Air Ride Suspension



Spring Suspension



Axles

Number of axles: This is the total number of drive, plus steer axles. This does not include any tag or push axles. On a medium-duty truck, this is typically a total of two axles.

Number of drive axles: This is the number of driving rear axles. On a medium-duty truck, this is typically one drive axle.



Tag/Push: Occasionally, a medium-duty truck will include a tag axle (behind the rear axle) or push axle (in front of the rear axle) to help distribute the truck's total weight.

Axle Ratings: Are often found on the VIN plate, which is usually found in the driver's side door jam.

In this example, the circled area shows the Gross Vehicle Weight (GVW), which is all axle ratings combined. Below the GVW is the front axle rating. The rear axle rating is further down the VIN plate and not shown in this example.



Common Options and Equipment

A Class 4-7 truck may be a basic work truck with no additional options. These trucks can also have many of the same options as a Class 1-3 truck, such as power windows, power locks, power mirrors, air conditioning, tilt wheel, cruise control, power seats, keyless entry, air bags, stereos, etc. Below are some additional options that are typically seen on a Class 4-7 truck that may not be available on Class 1-3 Trucks.

Aluminum/Alloy Wheels – Wheel is made of aluminum/ally. No removable components except for lugs and/or the center cap.

Chrome Wheels – A premium wheel with chrome plating. Chrome can be highly reflective and has a mirror finish.

Clad Wheels – A wheel that is made of aluminum/ally or steel that has a plastic cover permanently attached.

Styled Steel Wheels – A styled wheel with little trim. Often a standard wheel on base level trucks. Typically, these wheels are painted white, grey or black and includes wheels with attached appearance covers.

Steel Wheels



Alloy Wheels



Each category (Front, inside rear, and outside rear) can be listed separately. It is fairly common to see a truck with aluminum outside rear wheels and steel interior rear wheels.

Outside Rear Wheels

Inside Rear Wheels



Exhaust Brake - Sometimes called a Jake Brake. There is usually a switch mounted in the dash that will signify this feature.



Power Take Off (PTO) - If the vehicle has a dump, garbage, rollback, wrecker, crane, bucket or any type of truck body driven hydraulically – a PTO will typically be present on the chassis.

Wet Line Kit - If the truck has a wet line kit, there will usually be a hydraulic fluid tank sometimes located behind the fuel tank(s) or along the truck chassis. This is connected to the PTO to provide hydraulic power to the trailer being pulled. A wet line kit requires a PTO to be present. Wet line kits are typically not found on class 4-6 trucks but could be on class 7 tractor trucks.



Double Frame - A double frame is a second set of frame rails sitting on top of the standard frame. This feature gives the truck added strength when hauling heavy loads.

Light Bar - A commercial truck may be equipped with a light bar. This is usually attached at the top of the truck cab, either near the front or rear of the cab. Please provide CCC with pricing to have this included in the value.



Trailing Package - A frame or bumper-mounted receiver hitch with integrated wiring. Trailer hitch and/or wiring may be either OEM or aftermarket. Note: This option requires the Trailer Hitch option.

Winch - A winch can be located in the front or the rear of the vehicle.



Tire Tread

Tire Tread Remaining Chart

6/32 = 50%

7/32 = 60%

8/32 = 70%

9/32 = 80%

10/32 = 90%

11/32 = 100%

This chart represents the typical percentage of wear remaining based on these measurements.

Note: This is not an all-inclusive list. Please include any pictures, pricing information or build sheets when available.