

# CASCADIA®



DAIMLER TRUCK

FREIGHTLINER®





The Freightliner Cascadia launched into the Australian market in 2020. Since then, North America's number one selling truck has set new benchmarks for business owners and drivers alike.

Cascadia has redefined what is possible in a heavy-duty, bonneted truck, boasting world-class safety, insightful connectivity, a complete driver experience from bunk to dash and category-leading fuel economy.

With millions of kilometres on Australian roads across hundreds of businesses and dozens of applications, the quality and uptime of Cascadia is ahead of any Freightliner that came before...



# DISCOVER CASCADIA

Each Cascadia is so much more than its purchase price, fuel usage or time on the road. Cascadia was designed and built to perform in six key areas to win the hearts of drivers and minds of owners.

## THE SIX PILLARS OF THE REAL COST OF OWNERSHIP



### SAFETY

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# 116

## CASCADIA 116

### ECONOMICAL ALL-ROUNDER

UP TO 505 HP



SCAN FOR FULL SPEC SHEET

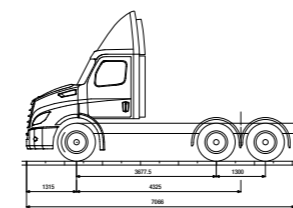


The Freightliner Cascadia 116 is powered by Detroit's versatile 13-litre DD13 engine. Cascadia 116 is a popular choice for single trailer, tipper and B-double freight customers, but is being used across Australia for just about every application.

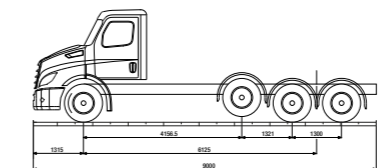
#### CASCADIA 116 DIMENSIONS

CAB TYPE	BBC	CAB HEIGHT
DAY CAB	2,970 mm	3,030 mm
36" XT	3,670 mm	3,455 mm
48" XT	3,970 mm	3,455 mm

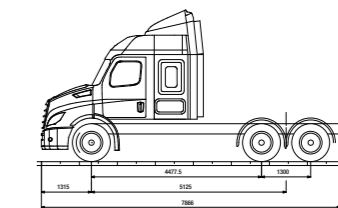
CASCADIA 116 36" XT



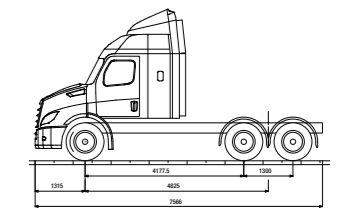
DAY CAB



DAY CAB 8x4 (6x4 with Pusher Lift Axle)  
\*Available with sleeper cabs



36" XT SLEEPER CAB



48" XT SLEEPER CAB





# CASCADIA 126

## FULL-SIZE COMFORT AND POWER

UP TO 600 HP



SCAN FOR FULL SPEC SHEET

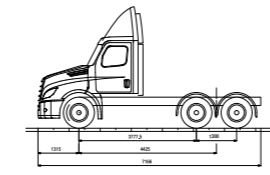
The Freightliner Cascadia 126 is powered by Detroit's flagship engine, the 16-litre DD16. Cascadia 126 is a popular choice for B-double, A-double and Road Train customers, setting new standards for fuel economy in these applications.

### CASCADIA 126 DIMENSIONS

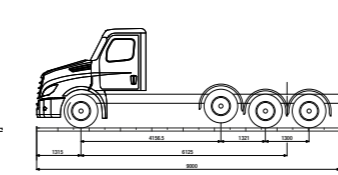
CAB TYPE	BBC	CAB HEIGHT
DAY CAB	3,220 mm	3,030 mm
36" XT	3,920 mm	3,455 mm
48" XT	4,220 mm	3,455 mm
60" XT	4,520 mm	3,455 mm
60" RR	4,520 mm	4,075 mm



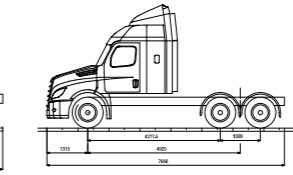
CASCADIA 126 60" RR



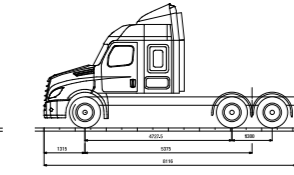
DAY CAB



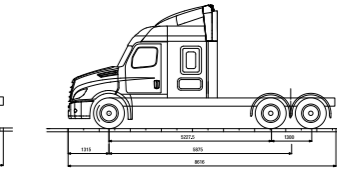
DAY CAB 8x4 (6x4 with Pusher Lift Axle)  
\*Available with sleeper cabs



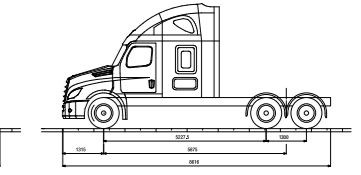
36" XT SLEEPER CAB



48" XT SLEEPER CAB



60" XT SLEEPER CAB



60" RR SLEEPER CAB



# SAFETY

## FOR ALL ROAD USERS

There is nothing more important than ensuring the safety of drivers and road users. That's why the Cascadia has been designed to be one of the safest vehicles on the road, featuring a sloped bonnet for better visibility, disc brakes for optimised stopping ability and an ergonomic dash layout to help reduce driver fatigue.

Each Cascadia is equipped with Detroit Assurance 5.0. This fully integrated suite of active and passive safety systems helps keep the driver safe and in control when it counts.



# PASSIVE SAFETY SYSTEMS - AIRBAGS

The Cascadia is the only bonneted truck in Australia to offer a steering wheel-mounted airbag and a head-protecting side airbag.

1. Steering wheel-mounted – standard
2. B-pillar mounted (RollTek) – optional





# DETROIT ASSURANCE SAFETY SYSTEMS



## ACTIVE BRAKE ASSIST

Active Brake Assist (ABA 5.0) mitigates potential collisions by calculating the distance and speed to other vehicles and objects. This determines if a warning or braking action is needed.

In many cases, the system will recognise potentially hazardous situations faster than a driver.

ABA 5.0 can initiate full emergency braking on moving, stopped and stationary traffic and pedestrians.



## LANE DEPARTURE WARNING

Lane Departure Warning (LDW) issues drivers a warning if the truck deviates from its path when the driver has not indicated a turn signal. The camera system does this by detecting the reflective paint and raised reflectors in lane markers.



## TAILGATE WARNING

Tailgate Warning ensures that drivers are aware if they are getting too close to the vehicle in front of them. A tailgate warning is issued if the truck is following a vehicle too closely for ten seconds or longer.



## ADAPTIVE CRUISE CONTROL

Adaptive Cruise Control (ACC) allows the Cascadia to stay in cruise control for longer. ACC automatically adjusts your truck's cruising speed to maintain a safe following distance from other vehicles in its path. ACC will come to a complete stop if the vehicle in front is stationary and begin driving again once the nearest vehicle is a safe distance away.



**DETROIT ASSURANCE**



SCAN FOR VIDEO DEMO



## SIDE GUARD ASSIST

Side Guard Assist (SGA) alerts drivers of objects in their passenger-side blind spots. As a passive collision mitigation system, SGA keeps the driver in control without de-throttling or stopping the vehicle. If the vehicle begins to move into the path of the object, the driver receives a red flashing light and audible alert. The system will also monitor the trailer to determine if any objects are in the swept path of any left turns.



## AUTOMATIC WIPERS/HEADLAMPS

Wipers and headlamps automatically turn on when there is any rain or darkness within the environment. The Rain/Light Sensor will detect this when set in auto position and will automatically turn off once conditions improve.



## INTELLIGENT HIGH BEAM

When set to auto high beam, low beams are automatically activated when the headlights or taillights of another vehicle are detected. Once the vehicle or city lights are out of sight, the high beams automatically come back on.





# CONNECTIVITY

## MORE UPTIME AND ULTRA-SAFE OPERATIONS

The Detroit Connect suite of connected vehicle services is your trusted source for insights about your vehicle's performance and can assist with providing the information you need to make the right decisions for your business.

With Cascadia, the Detroit Connect services are delivered via a proprietary online connectivity portal. This portal allows for remote updates and assists with gaining access to a rich amount of data.

### DETROIT CONNECT FEATURES:

- |  |   |
|--|---|
|  VIRTUAL TECHNICIAN |  ANALYTICS       |
|  REMOTE UPDATES     |  SAFETY SERVICES |

These services translate complicated vehicle performance data into actionable intelligence, putting the power of connectivity into your hands. New Cascadia trucks come standard with a complimentary five-year Detroit Connect service subscription,\* which includes Virtual Technician, remote updates, analytics and access to the Detroit Connect portal.

Fleets supported by the Detroit Connect portal have direct access to critical information such as vehicle location, fault codes and diagnostics, fuel performance, safety data and driver behaviour insights. This portal is fully configurable and customisable, so customers can select which data sets they want to see and how frequently they would like that data made available.



SCAN FOR VIDEO DEMO



## HERE'S HOW VIRTUAL TECHNICIAN WORKS

1. If a fault occurs, Virtual Technician captures the fault code event.
2. Within two minutes of the fault code event, fault information details are relayed to the fleet manager via email or Detroit Connect portal.
3. This information specifies the severity of the fault, whether or not the driver can resolve the issue, or if the fault requires immediate service.
4. Fleet managers are then able to take these details to make better service decisions for the fleet.



# FUEL EFFICIENCY

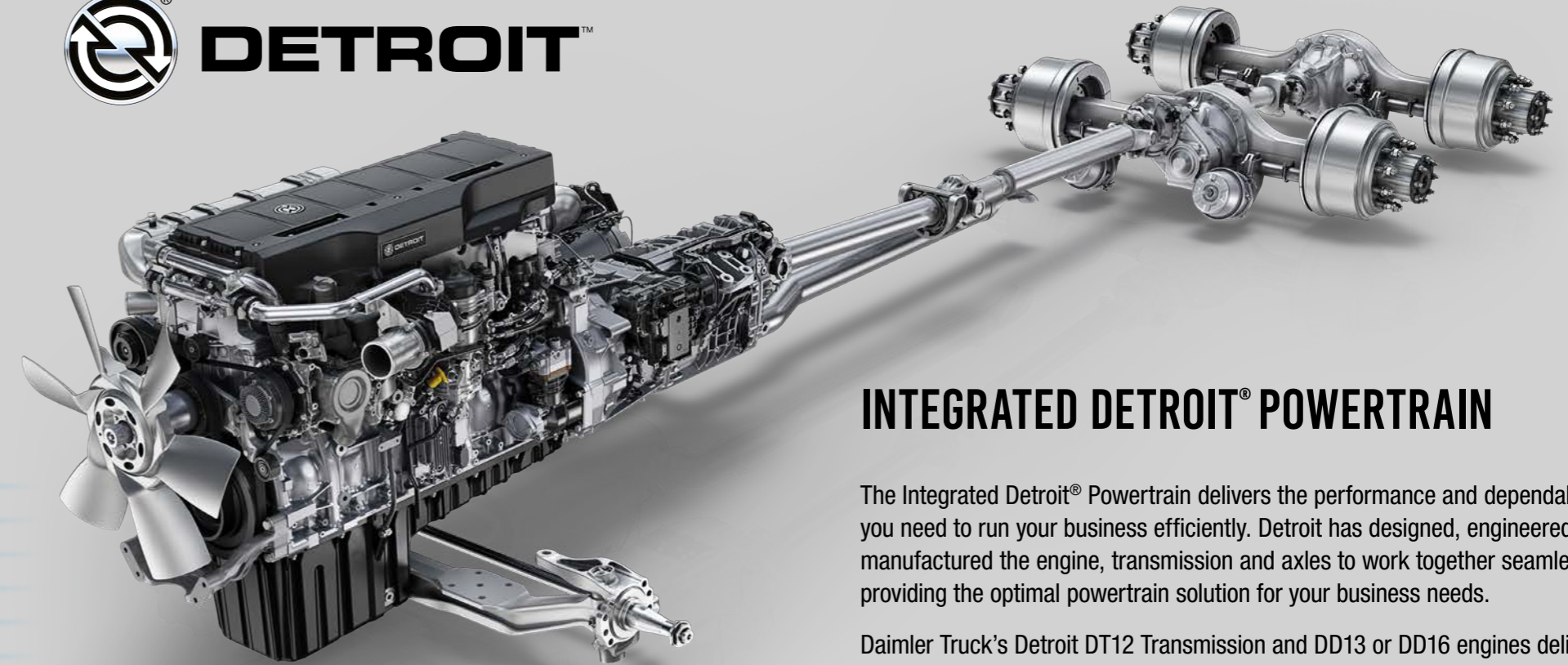
MAXIMISING EVERY LITRE

## BUILDING YOUR BOTTOM LINE

Building your bottom line begins with reducing how much you're spending on fuel. With the Cascadia, Freightliner has pushed fuel efficiency even further by focusing on aerodynamic and powertrain improvements. Coupled with low-tare weight, Cascadia will help your business maximise payload without compromising fuel economy.

## SLICE THROUGH AIR

To assist with maximising the performance of the Cascadia, Daimler Truck engineers used Computational Fluid Dynamics (CFD) and Daimler Truck North America's proprietary wind tunnel – the only full-scale OEM-owned-and-operated wind tunnel in North America – to test, modify and optimise vehicle aerodynamics.



## INTEGRATED DETROIT® POWERTRAIN

The Integrated Detroit® Powertrain delivers the performance and dependability you need to run your business efficiently. Detroit has designed, engineered and manufactured the engine, transmission and axles to work together seamlessly, providing the optimal powertrain solution for your business needs.

Daimler Truck's Detroit DT12 Transmission and DD13 or DD16 engines deliver optimum horsepower and torque at lower RPMs; our engineers have leveraged Detroit's history of performance and advanced electronics to keep your truck in top gear longer and cruising at a more efficient engine speed.\*

Utilising optional Intelligent Powertrain Management (IPM), the DT12 integrates GPS technology and information from a topographical map to manipulate both engine and transmission functions. IPM refines the parameters of this technology to take advantage of the trucks' surroundings more efficiently. By aligning every powertrain component with IPM, fuel efficiency and uptime are fully optimised in the Cascadia.

# CASCADIA®



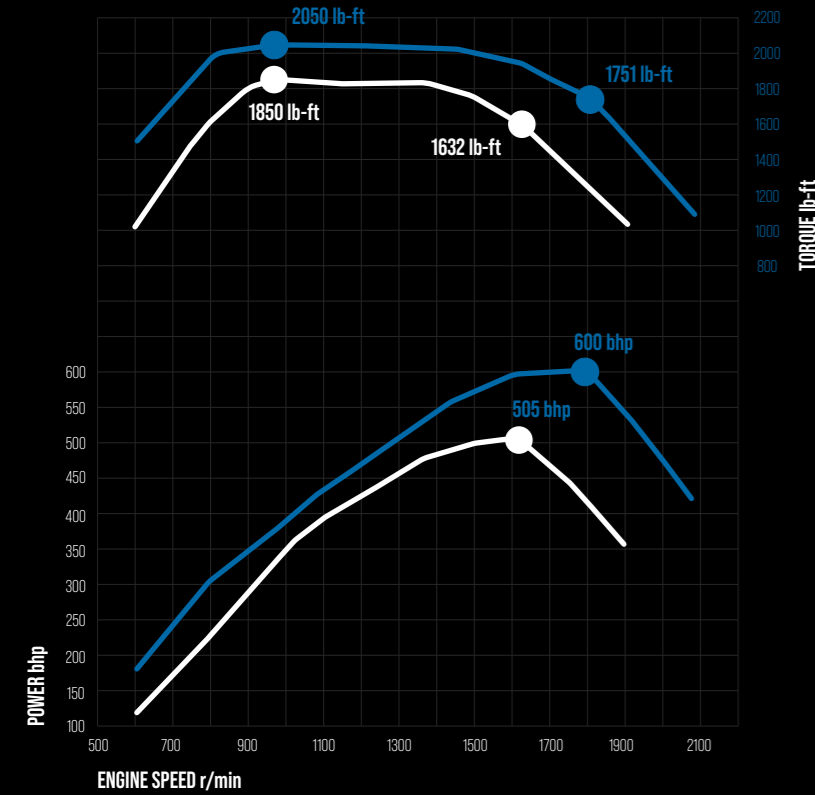
# CASCADIA<sup>®</sup>

## POWERED BY DETROIT

### HORSEPOWER AND TORQUE CURVE

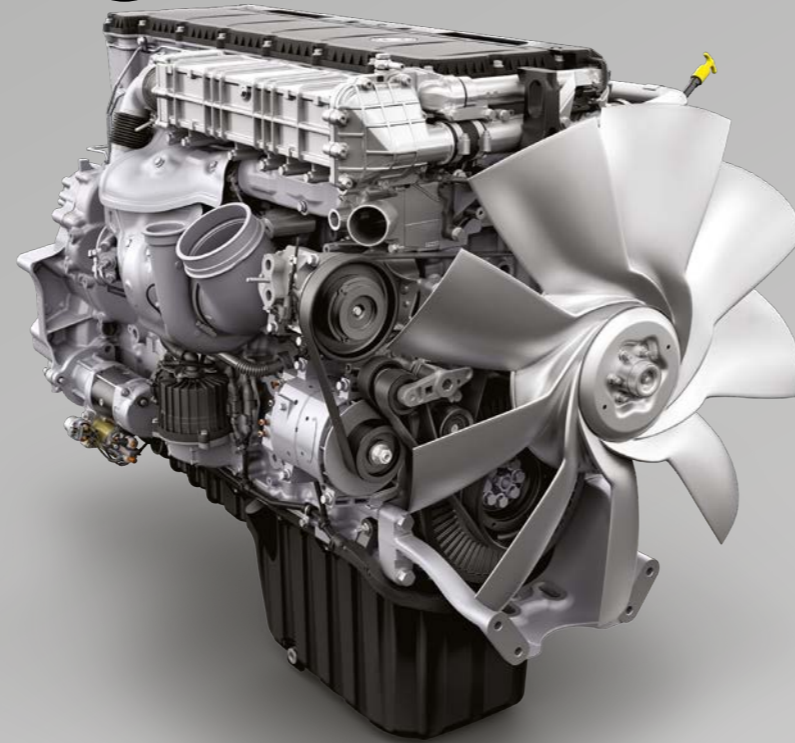
DD13 : 505 bhp @ 1625 r/min - 1850 lb-ft @ 975 r/min

DD16 : 600 bhp @ 1800 r/min - 2050 lb-ft @ 975 r/min



## DETROIT<sup>™</sup>

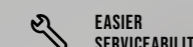
# DD13



EFFORTLESS PERFORMANCE



CLASS-LEADING FUEL ECONOMY



EASIER SERVICEABILITY



48-MONTH/800,000 KM WARRANTY

### SPECIFICATIONS

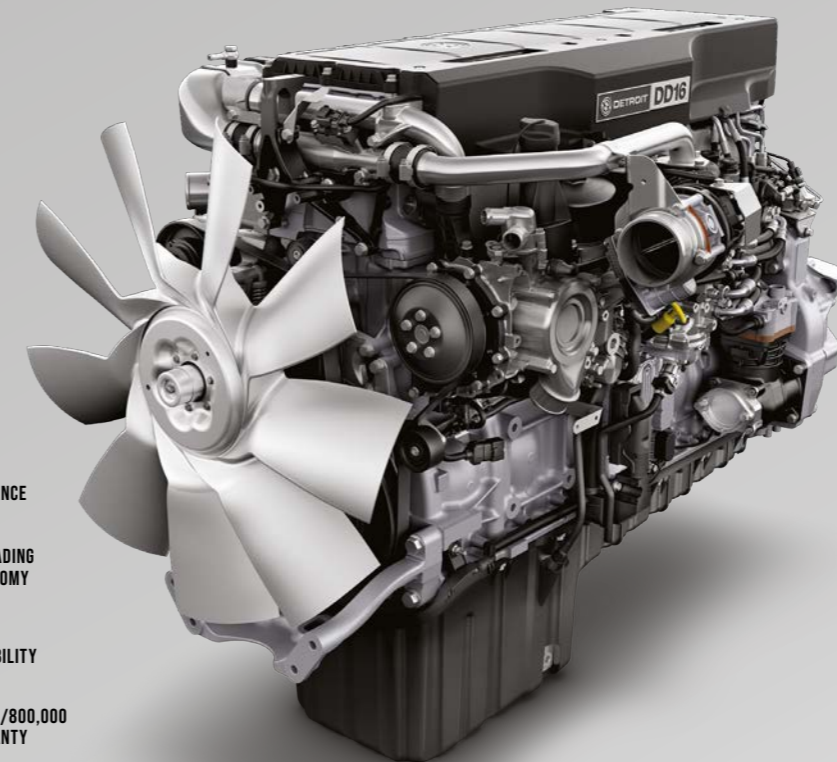
Configuration	Inline 6 Cylinder
Displacement	12.8L
Horsepower Range	450-505 hp
Torque Range	1650-1850 lb-ft
Warranty	48-Month/800,000 km



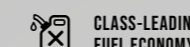
SCAN FOR FULL SPEC SHEET

## DETROIT<sup>™</sup>

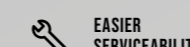
# DD16



BIG-BORE PERFORMANCE



CLASS-LEADING FUEL ECONOMY



EASIER SERVICEABILITY



48-MONTH/800,000 KM WARRANTY

### SPECIFICATIONS

Configuration	Inline 6 Cylinder
Displacement	15.6L
Horsepower Range	500-600 hp
Torque Range	1850-2050 lb-ft
Warranty	48-Month/800,000 km

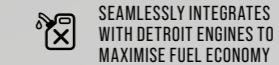


SCAN FOR FULL SPEC SHEET

## DETROIT<sup>™</sup>

# DT12

## AUTOMATED MANUAL TRANSMISSION



SEAMLESSLY INTEGRATES WITH DETROIT ENGINES TO MAXIMISE FUEL ECONOMY



INNOVATIVELY DESIGNED TO MAXIMISE VEHICLE UPTIME



SIMPLE TO USE AND EASY TO MASTER



48-MONTH/800,000 KM WARRANTY

### SPECIFICATIONS

	DHE	OV	OHE	OVX
Max. GCM	50,000 kg	72,500 kg	72,500 kg	150,000 kg
Max. Input Torque	1,850 lb-ft	2,250 lb-ft	2,250 lb-ft	2,250 lb-ft
Application	On-Highway	Vocational	On-Highway	Vocational/On-Highway
Type	Direct Drive	Overdrive	Overdrive	Overdrive
Speeds	12	12	12	12



SCAN FOR FULL SPEC SHEET





# DRIVER EXPERIENCE

## QUALITY REST AND SAFE, FOCUSED DRIVING

From the bunk to the dash and everything in between, the Cascadia is designed for ease of operation, optimal comfort and safety.

The ergonomically-designed, wraparound dash allows switches to be activated without leaning and stretching. Featuring integrated controls on the steering wheel and digital gauges and displays, key information is available for the driver at a glance.

We recognise that drivers have a challenging job, so every effort has been made to make the Cascadia comfortable. That starts with a quiet ride thanks to advanced noise abatement technology.

The steering gear is set further forward for decreased bump steer and improved steering precision.\* This assists with reducing course corrections and steering inputs, as well as improving ride and handling.\*



## A HOME AWAY FROM HOME

1. Multiple DC outlets
2. Ergonomically-designed dash
3. Digital dash
4. Integrated steering wheel controls
5. Extensive storage
6. TV bracket for 24" TV
7. Ample ceiling height
8. Standard single sleeper or optional double bunk
9. Auxiliary HVAC available for climate control
10. LED ambient lighting



SLEEPER OPTIONS AVAILABLE IN	36" XT	48" XT	60" XT	60" RR
	116 & 126	116 & 126	126	126





## QUALITY

### LIKE NONE BEFORE

Various measures are deployed throughout the manufacturing process to ensure the highest level of quality is delivered. These include:

- Coordinate Measurement Machine (CMM) to ensure cab structure is manufactured to the tightest tolerances for cab squareness and hole alignment
- Cab painting is performed with robotics to ensure consistent paint finish
- Dash modules are tested with electrical power and air pressure prior to cab installation to ensure everything is in working order
- Direct Current (DC) tools are used throughout the manufacturing process where correct torque is essential for nut-style fasteners. These DC tools allow for tracking historical torque values down to the individual truck
- A new water test is utilised that incorporates high-pressure nozzles, replicating real-world water intrusion as much as possible.

Freightliner's continuous improvement mindset means we have an ongoing focus on product quality and improvement for the Cascadia.



## UPTIME

### MORE TIME ON THE ROAD

When you're building your business and aiming to grow your bottom line, choose a truck that helps maximise your uptime. Choose the Cascadia.

With input from global Daimler Truck resources, Freightliner engineers designed components and systems to help reduce failures and cut down repair time from the outset.

### UPTIME-BOOSTING SUPPORT

When a service is required, the authorised Freightliner Dealer network across Australia and New Zealand is ready to help. Our authorised Dealer network has trained technicians ready to service your Cascadia and get you back on the road.

With over 60 service points across Australia and New Zealand, you'll be able to find the service and assistance you need to keep you on the road.





# MASTER YOUR CASCADIA FROM DAY ONE

## TRUCK TRAINING INCLUDED FREE WITH EVERY NEW CASCADIA

The Freightliner Cascadia driver training program allows you to extensively explore your vehicle's capabilities. Specifically designed around the Six Pillars of Real Cost of Ownership, the program delivers a range of benefits to ensure you take full advantage of your vehicle's outstanding features.

### PROGRAM DETAILS

<b>VENUE</b>	Customer premises or selling dealership
<b>DURATION</b>	1 (one) day
<b>DELEGATES</b>	Maximum of 4 (four) people
<b>COST</b>	Complimentary with new vehicle deliveries*
<b>FORMAT</b>	In classroom and within vehicle
<b>TARGET</b>	Drivers holding HR, HC or MC licences
<b>VEHICLES</b>	To be supplied by the customer
<b>OBJECTIVES</b>	<ul style="list-style-type: none"> <li>• Highlight the key driver experience, safety and fuel efficiency elements</li> <li>• Understand the key principles of safe and economic driving</li> <li>• In-depth understanding of all the vehicle's features and how they can assist the driver</li> </ul>
<b>COURSE CONTENT</b>	<ul style="list-style-type: none"> <li>• Classroom presentation with interactive content</li> <li>• Overview of gearshift, braking and safety systems</li> <li>• Review of cruise and limiter functions</li> <li>• Dashboard tour</li> <li>• Seven point vehicle walk-around and driver vehicle checks, including in-cab tour</li> <li>• Instructed drive</li> </ul>



## DOING BUSINESS IS EASY WITH DAIMLER TRUCK



**GUARANTEED BUY BACK**  
Lock in tomorrow's value today.



**ELITE SUPPORT**  
Certified dealers deliver prompt diagnosis, robust parts availability and unmatched customer service every time a truck comes in for maintenance or repair.



**FAST TRACK FINANCE**  
Finance your Cascadia with a streamlined credit approval process to get you on the road faster.



**ONLINE PARTS PORTAL**  
An extensive range of critical parts at competitive prices with just the click of a mouse.



**FIXED PRICE SERVICE PLANS**  
Predetermined maintenance and repair costs.



**EXTENDED WARRANTY**  
Greater peace of mind for your business asset.



**TRADE, RETAIN OR RETURN**  
The ultimate flexibility when your Cascadia reaches the end of its contract.



## AUSTRALIAN DESIGNED, MANUFACTURED AND FITTED BULL BARS

### HIGHWAY BULL BAR

BUILT TO PROTECT ON AUSTRALIAN HIGHWAYS

#### LIGHT THE WAY

Easy access spotlight and light bar mounting brackets.

#### STAY WITHIN LENGTH REQUIREMENTS

Adds 150 mm of length to truck.

#### HIGHWAY READY

Protection for vulnerable components against animal strikes.

#### KILO CONSCIOUS

Lighter construction helps with GVM compliance.

#### SAFETY FIRST

Engineered to be fully compatible with Detroit Assurance safety systems and radar position.

#### WHEN YOU NEED IT

Easy access tow hook.

#### NO COMPROMISE ON ECONOMY

Designed to maintain aerodynamic properties of the Cascadia.



### ROAD TRAIN BULL BAR

BUILT TO ENDURE IN OUTBACK CONDITIONS

#### LIGHT THE WAY

Easy access spotlight and light bar mounting brackets.

#### KEEP YOUR COOL

No compromise on airflow to radiator while protecting vehicle cooling systems.

#### ROAD TRAIN READY

Heavy-duty construction for maximum impact protection.

#### KEEP ON MOVING

Lower bar for rigidity and debris clearance.

#### SAFETY FIRST

Engineered to be fully compatible with Detroit Assurance safety systems and radar position.

#### RECOVERY PINS

Two easy access tow-pins for emergency recoveries.

#### SEE THE SIGNS

Clear space on both sides for flip-up Road Train signs.







# TALK TO YOUR DEALER TODAY

SCAN HERE TO FIND YOUR LOCAL DAIMLER TRUCK DEALER



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The Detroit Assurance suite of safety systems is intended as an aid for an alert and conscientious professional driver. It should not be relied upon to operate the vehicle and is not a substitute for safe, normal driving procedures, nor will it compensate for driver impairment, such as drugs, alcohol, or fatigue. The Detroit Assurance suite of safety systems may not work as intended under all conditions, and may be affected by weather, road, and traffic conditions. Failure to drive safely and use the systems properly could result in personal injury and/or death and severe property damage. Please consult the Drivers' Manual for additional details. Detroit Connect terms apply, see <http://www.daimlertruck.com.au/connect>.



[FREIGHTLINER.COM.AU](http://FREIGHTLINER.COM.AU)