



AUSTRALIAN OWNED & DESIGNED



CHALLENGER V12

The Challenger V12 is purpose-built for Australian operators who demand reliability, performance and long-term value.

Featuring a stainless steel chassis and body structure, premium OEM components and engineering tailored to Australian conditions, the V12 is designed to deliver dependable performance, reduced operating costs and maximum vehicle availability.

Built the Challenger way. Designed to perform. Engineered to last.

QUALITY | RELIABILITY | DURABILITY | FLEXIBILITY

V12 Specifications


CHARTER

DAY TOUR

SCHOOL

VEHICLE DIMENSIONS

Body Length (m)	12.36
Body Width (m)	2.5
Body Height (m)	3.6
Weight (GVM)	18025kg
Turning Circle Diameter (m)	<24
Chassis Wheelbase (m)	6.55
Chassis Front/Rear Overhang (m)	2.03/3.30

BODY SPECIFICATIONS

Chassis/Frame Material	Lean Duplex Stainless Steel (Corrosion resistant)
Body Material	Aluminium & Composite Panels
Roof	Moulded whole piece fibreglass
Door	Pneumatic Saloon (Outward swing)

ENGINE

Make/Model	Cummins L9EVEI340
Configuration	8.9L
Power (HP/ kW)	340HP/250kW @1900rpm
Torque (Nm)	1600Nm @1100rpm
Bore and Stroke (mm)	114 x 145
Compression Ratio	16.5:1
Fuel Capacity (L)	400
Ad Blue Capacity (L)	80
Emissions	Euro 6
Max Speed	100km/ph

TRANSMISSION

Auto Transmission Options	Eaton / Allison / ZF
Steering System	ZF THP90633

SUSPENSION

Type - Front	Independent 2 air suspension
Type - Rear	4 air spring controlled electronic

BRAKES/TYRES

Service Brakes	Disc with AEBS, ESC, AES
Retarding Brake System	Fitted
AEBS, ESC, AES	Fitted
Tyres	Westlake 295/80R22.5
Rims	Aluminium Alcoa Alloy 8.25 x 22.5

AXELS

Front/Rear Make/ Model	YDA Steering/ Meritor Drive Axle
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AIR CONDITIONING

Make	Thermo King Heating and Cooling
Model	CS1100

SEATING CONFIGURATIONS

Configuration	57 Passengers
Seating Make	Fainsa as standard (McConnell/ Style Ride upon request)
Seatbelts	Fixed 3 point (ADR 68)
Seating Option	Fabric - Faux Leather or Cloth Fixed or Reclining USB/Arm Rest/Foot Rest/Leg Rest/ Magazine Pocket/Tray Table Seat Belt Sensors

STANDARD VEHICLE FEATURES

Internal Features (Drivers Area)	Digital Mirrors (Physical mirrors available upon request) 360 Degree Camera Vehicle monitoring Reversing Camera 8 Channel CCTV Lane Departure warning Cruise Control Dual Zone Stereo Multimedia touchscreen with Bluetooth connectivity Electronic Blinds Multifunctional Steering Wheel LED Destination Board (Front, Side & Rear)
Internal Features (Passenger Area)	Individual reading lights & AC vents LED passenger lighting Fold down 19 Inch Entertainment Screens
External Features	Bullbar & Stone guard 2 piece front Windscreen Tinted Windows Lift up wheel arches Refuelling spots on both sides
Storage	Overhead Luggage Racks Pressurised thru luggage bins

OPTIONAL ADDITIONS

Wheelchair Lift/Toilet Equipped/Kitchenette	Priced Upon request
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V12 SEAT LAYOUT

