



AUSTRALIAN OWNED & DESIGNED



CHALLENGER

CALLIBAR

The Challenger Callibar is built around one defining feature - independent front and rear air suspension.

Delivering a level of ride comfort, handling and refinement rarely found in the compact bus market, the Callibar bridges the gap between a traditional small bus and a full-size coach. Featuring a stainless steel chassis and body structure, seating for up to 28 passengers and generous luggage capacity, the Callibar offers exceptional durability, versatility and passenger comfort. Purpose-built for operators who demand more, the Callibar sets a new benchmark for compact bus performance.

QUALITY | RELIABILITY | DURABILITY | FLEXIBILITY

CALLIBAR Specifications

Approved Category 2 Vehicle in NSW



CHARTER



DAY TOUR



SCHOOL

VEHICLE DIMENSIONS

Body Length (m)	7.75
Body Width (m)	2.4
Body Height (m)	3.15
Weight (GVM)	8500kg
Turning Circle Diameter (m)	<17
Chassis Wheelbase (m)	4.2
Chassis Front/Rear Overhang (m)	1.35/2.15

BODY SPECIFICATIONS

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

ENGINE

Make/Model	Cummins D3.8 VI D170
Configuration	3.8L
Power (HP/ kW)	153-168HP @2600rpm
Torque (Nm)	500-600Nm @1200-1900rpm
Bore and Stroke (mm)	102 x 115
Compression Ratio	17.2:1
Fuel Capacity (L)	120
Ad Blue Capacity (L)	16
Emissions	Euro 6
Max Speed	100km/ph

TRANSMISSION

Auto Transmission Options	Allison / FAST
Steering System	YB Steer

SUSPENSION

Type - Front	Independent 2 air bag
Type - Rear	Independent 2 air bag with lateral stabiliser bar

BRAKES/TYRES

Service Brakes	Disc with EBS, AEBS, ESC
Retarding Brake System	Fitted
AEBS, ESC, AES	Fitted
Tyres	Westlake 235/75R 17.5
Rims	Aluminium Alcoa Alloy

AXELS

Front/Rear Make/ Model	YDA/Dana
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AIR CONDITIONING

Make	Songz Heating and Cooling
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SEATING CONFIGURATIONS

Configuration	28 Passengers
Seating Make	Fainsa as standard (Other priced upon request)
Seatbelts	Fixed 3 point (ADR 68)
Seating Options	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 4 Channel CCTV Lane Departure warning Cruise Control Multimedia touchscreen with Bluetooth connectivity Electronic Blinds Multifunctional Steering Wheel Digital Dash Instrument LED Destination Board (Front & Side)
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Internal Features (Passenger Area)	Individual reading lights & AC vents LED passenger lighting Fold down 19 Inch Entertainment Screens
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External Features	Bullbar & Stone guard 2 piece front Windscreen Tinted Windows Electric Fold Out Passenger Step Lift up wheel arches
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Storage	Rear boot compartment Small side compartments
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OPTIONAL ADDITIONS

Wheelchair Lift	Priced Upon request
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CALLIBAR SEAT LAYOUT

