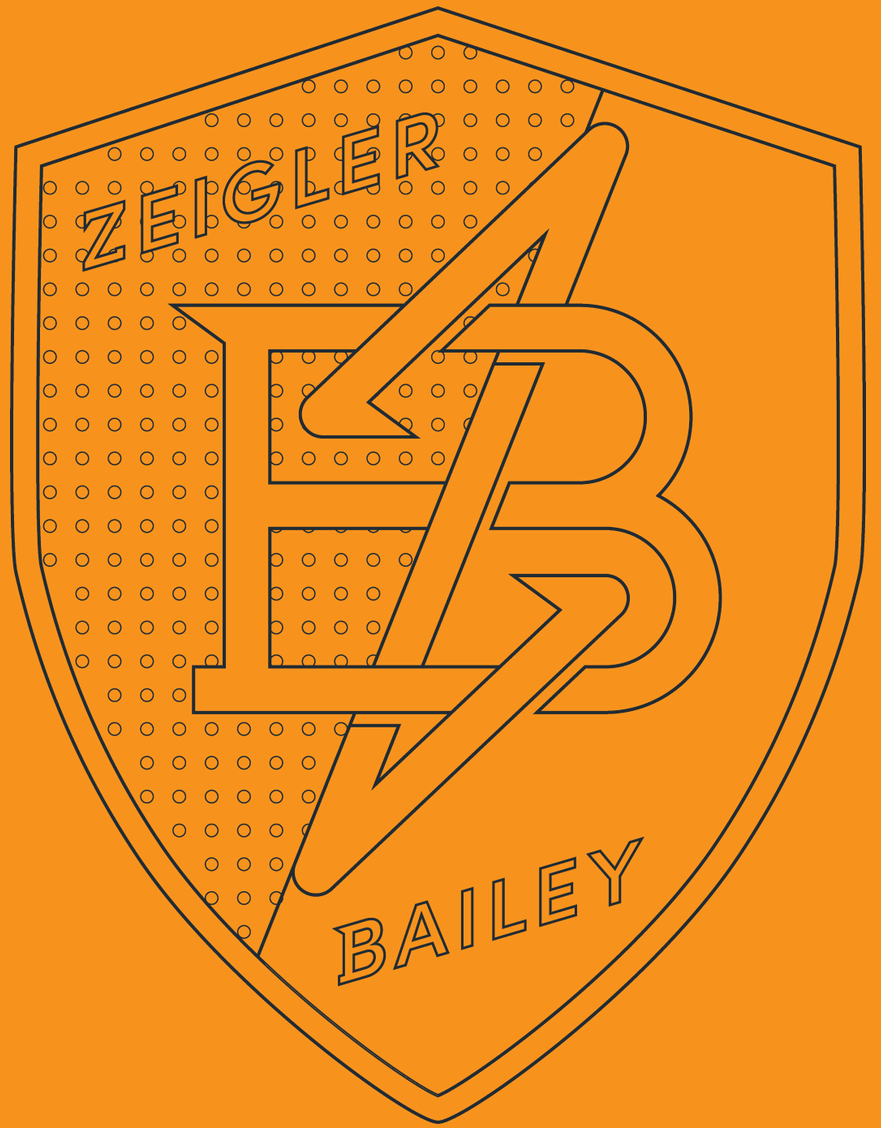
ZEIGLER/BAILEY
Z/B 4.4
SPECIFICATIONS | 2026



FOR
THE
DRIVEN

Welcome to the Zeigler/Bailey Z/B 4.4 — the world's first naturally aspirated, 2-valve flat-six.

With over 3,500 unique parts, including more than 1,200 within the engine alone, the Z/B 4.4 is a masterclass in design, engineering, and aesthetics — a car truly for the driven.

Body

Porsche 911 G-series two-door coupé, rear-mounted engine
Dimensions: Length 4,190 mm; Width 1,730 mm; Height 1,230 mm; Ground clearance 100 mm
Kerb weight: 1,325 kg
Seats: Two; left- or right-hand driving position to customer order; reversible in eight hours
Luggage: Front trunk and rear cabin storage areas
Seam-welded chassis construction
Integrated transverse crash bar at front firewall
Carbon-fibre exterior body panels including front wings, rear quarter panels, engine lid, and roof
Steel door lock posts (original Porsche)
Steel side-impact doors and trunk lid (original Porsche); carbon-fibre optional for non-ADR markets

Engine

Zeigler/Bailey registered-design air-cooled, horizontally opposed six-cylinder, naturally aspirated
Compression ratio: 11.5:1
Displacement: 4,387.86 cm^3
Power and torque (claimed): 300 kW and 500 Nm
Aluminium engine block machined from solid billet
Twin-spark cylinder heads machined from solid billet with coil-per-spark ignition
Billet steel crankshaft and camshafts
Zeigler/Bailey ultra-low-jerk camshaft lobe design
High-torque, harmonics-resistant crankshaft design
Knife-edged crankshaft webs and case journals
Twin piston-cooling spray jets
Heavy-duty engine main and big-end bearings
Crankshaft and camshaft position sensors
Gear-driven intermediate shaft and internal oil pump
Dry-sump lubrication system
Billet aluminium throttle bodies with electronic fuel injection
Engine control via Haltech ECU
Drive-by-wire throttle
Carbon-fibre engine cooling fan shroud
240-amp alternator
External oiler-type 1972 oil tank with locking quick-fill cap
Engine bolt patterns to fit Porsche G50-type gearbox
Zeigler/Bailey engine and G50 gearbox fit any air-cooled Porsche chassis with 911 Carrera 3.2 torque-tube modification

Fuel and Exhaust

Fuel capacity: 65 litres (98 RON)
Fuel tank: TIG-welded aluminium tank, charcoal canister, stainless-steel braided fuel lines, front-trunk external lockable fuel filler; optional rubber fuel bladder and flex-fuel system compatibility
Exhaust: Bespoke stainless-steel system with vacuum-controlled switchable Quiet and Track modes; air-to-water heat-exchange system for cabin heating; optional titanium exhaust system

Transmission

Getrag/Porsche G50 five-speed manual
Clutch: Porsche 993 Turbo single-plate clutch and pressure plate
Differential: Limited-slip type with Zeigler/Bailey bespoke driveshafts
CV joints: Extra-high-torque GKN tripod type

Steering / Suspension

Steering: Non-assisted rack and pinion; height- and reach-adjustable steering column; passive-safety collapsible column
Front suspension: Aluminium MacPherson struts with height adjustment; quick-adjustable tie-rod ends; camber-adjustable lower wishbone mounts; optional four-way adjustable damping
Rear suspension: Zeigler/Bailey independent multi-link double wishbones; inboard height-adjustable coil-over dampers operated by rising-rate bell crank and titanium pushrods; quick-adjustable tie-rod ends; camber-adjustable lower wishbones and mounts; optional four-way adjustable dampers

Wheels and Brakes

Wheels: Zeigler/Bailey hybrid forged billet aluminium wheels with carbon-fibre centres to AS 1638 standard
Centre-lock wheel nuts with safety lock clip; centre caps with floating logo
Dimensions: Front 17 × 9 in; Rear 17 × 11 in
Brakes (front and rear): Brembo steel ventilated discs with Brembo four-piston forged aluminium calipers
Optional carbon-ceramic brake discs
Bosch ABS
Vacuum-assisted brake booster with stainless-steel lines to ADR 42/02
Electric parking brake

Interior

Accommodation: Unique Zeigler/Bailey platform accepts occupants up to 204 cm tall
Seating choices: Porsche 14-way electrically adjustable; Porsche 18-way electrically adjustable; Porsche GTS sports seats; optional Porsche GT3 carbon-fibre seats
Interior and exterior rendering colour-selection program to guide owners' choices
Standard upholstery: Nappa leather on seats, dashboard, door trims, pillars, front trunk, and rear cabin luggage areas
Alcantara roof lining, door bins, and centre console; optional feature panel inlays in owner-selected materials; optional bespoke Zeigler/Bailey carbon-fibre and billet aluminium briefcase
Metal finishes: Billet aluminium machined finishes with owner-specified ceramic or plated surface treatments
Carbon-fibre and gel-pad foot-mat panels
Height- and reach-adjustable steering wheel
Gearshift: Titanium shifter shaft; billet aluminium quick-adjustable short-stroke gearshift mechanism
Pedals: Floor-hinged billet aluminium pedals with raised grip surfaces
Driver and passenger footrests
Switchgear: CAN-bus-operated switches

Electronics / Instrumentation / Infotainment

Electronics: CAN-bus electronic backbone architecture with three power-control modules (PCMs); aviation-specification Tefzel wiring harness; quick-connect engine electrical looms; Nomex-covered engine wiring looms
Custom-designed, high-capacity air-conditioning and heating system with electric compressor
LED headlights and lighting
Electric windows
Instrumentation: Zeigler/Bailey registered-design analogue-style digital instruments; owner-customisable; billet gauge housings; gauges include cylinder-head temperature, live fuel consumption, battery voltage, CAN-bus driver information display, engine-hours logging, GPS clock, GPS position, altitude, and external temperature
Infotainment: Custom 9-inch LCD touchscreen providing Apple CarPlay and Android Auto, GPS navigation, Bluetooth connectivity, hands-free calling, built-in microphone, live data logging via Zeigler/Bailey Data Page, and six-speaker surround-sound audio system
Master electric cut-off switch for long-term storage mode
Remote trickle-charge point

Security / Safety

Front and rear reverse-parking sensors
Blind-spot detection
Reversing camera
Electric central locking with rolling-code transponders
Remote electric front-trunk and engine-cover release
Integrated alarm system with immobiliser
GPS tracking via Zeigler/Bailey app
Live vehicle data monitoring via Zeigler/Bailey integrated telemetry (coverage limited to 4G networks)
Onboard data logging with vehicle-health recording
Fast-heat front windscreen demister

Accessories

Centre-console armrest with storage and cup holder
Door-mounted armrests with storage and cup holders
Integrated contactless phone charger
5 V auxiliary output
12 V auxiliary output
3.5 mm input jack
Sun-visor vanity mirrors for both occupants

Disclaimer: Zeigler/Bailey is not sponsored by, associated with, approved by, endorsed by, nor in any way affiliated with Porsche Cars Australia Pty Ltd, Porsche Cars North America, Inc., or Dr. Ing. h.c. F. Porsche AG (www.porsche.com). Dr. Ing. h.c. F. Porsche AG is the owner of numerous trademarks, both registered and unregistered, including, without limitation, the Porsche Crest®, Porsche®, associated model numbers and names, and the distinctive shapes of Porsche vehicles, such as the shape of the 911 model. Any other products mentioned in these marketing materials are the trademarks of their respective owners. Any mention of Porsche trademarked names or other marks is for reference purposes only.

© Zeigler/Bailey 2026



ZEIGLER / BAILEY