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Specifications: Ford BA Falcon V8

Engine	Barra 220	Boss 260
Engine Type	5.4L SOHC 3V V8	5.4L DOHC 4V V8
Applicable Models	XT sedan (optional), Fairmont (optional), Fairmont Ghia (optional)	XR8
Engine Size (cc)	5408	5408
Compression ratio	9.7:1	9.5:1
Max. Power	220kW @ 4750rpm	260kW @ 5250rpm
Max. Torque	470Nm @ 3250rpm	500Nm @ 4250rpm
Bore x stroke	90.2 mm x 105.8 mm	90.2 mm x 105.8 mm
Materials		
Cylinder Head	Alloy	Alloy
Engine Block	Cast Iron	Cast Iron
Intake Manifold	Alloy dual resonance	Unique high-rise
Crankshaft	Cast Iron	Forged Steel
Injection	Sequential Multipoint Electronic Fuel Injection	
Ignition	Coil on plug with long-life spark plugs	
Engine Management	Powertrain Control Module incorporating Electronic Throttle Control	
Valvegear	Roller Finger Follower	
Valve Size	34mm inlet, 37.5mm exhaust	37mm inlet, 30 mm exhaust
Battery	54Ah (59 Ah for Police / Taxi)	

Transmission / Ratios	Barra 220		Boss 260	
	Auto	Man	Auto	Man
1st	2.50	3.38	2.5	3.38
2nd	1.49	2.00	1.49	2.00
3rd	1.00	1.32	1.00	1.32
4th	0.68	1.00	0.68	1.00
5th	-	0.68	-	0.68
Reverse	2.07	3.38	2.07	3.38
Final Drive Ratio				
Sedan	3.23	3.23	3.45	3.23
Wagon	-	-	-	-

Transmission / Ratios	Barra 220 sedan	Boss 260 sedan
Fuel tank capacity	68L	
Fuel consumption - City Cycle (L/100km)	14.5	TBA
Fuel consumption - Highway Cycle (L/100km)	8.5	TBA
Recommended fuel	Unleaded Petrol	

Suspension	
Front suspension	Fully Independent Double Wishbone
Rear suspension	Control Blade Independent Rear Suspension #
	# Falcon Sedan only. Falcon Wagon has Live Rear Axle

Brakes	
Front brakes	Vented disc brakes with twin piston caliper
Rear brakes	Solid disc brake with single piston caliper
ABS	3 channel ABS / 4 channel ABS where Traction Control fitted

Maximum towing capacity	
Manual Transmission	1200kg Nb. Tow capacity figures are applicable with the Ford Towpack
Automatic Transmission	2300 kg (1600kg for Turbo only)
Dedicated LPG Sedan	2300 kg

Exterior dimensions (mm)	Sedan	Wagon
Front Track	1553	1553
Rear track	1571	1546
Front overhang	913	913
Rear overhang	1174	1219

Interior dimensions (mm)	Sedan	Wagon
Front headroom	1010	1010
Front legroom	1086	1086
Front shoulder room	1513	1513
Front hiproom	1461	1461
Rear headroom	976	1043
Rear legroom	980	980
Rear shoulder room	1494	1494

Kerb weight (kg)	Sedan	Wagon
6-cylinder	1672 *1	1684 *2
8-cylinder	1740	tbc

*1 Kerb weight for Falcon XT fitted with Barra 182 engine with manual transmission on sedan and automatic transmission on wagon.

*2 Kerb weight for Falcon XT fitted with Barra 220 engine with manual transmission.

Luggage capacity (L)	Sedan	Wagon
Petrol	504	1254
Dedicated LPG	379	1211

Minimum turning circle (m)	Sedan	Wagon
Diameter kerb-to-kerb	11.0	11.3

AustralianCar.Reviews: Ford BA Falcon (2002-05)

