



The New Fiat Punto

BETTER PERFORMANCE AND ECONOMY: IT HAS TO BE A PUNTO DUALOGIC!

Fiat has already claimed, with the Punto 1.3 JTD, the crown as the most economical conventional car in Australia and at the Australian International Motor Show it will further extend its lead in economy with the Punto 1.3 JTD DualLogic, which is both more economical and offers a self-shifting gearbox.

“Fiat have called their new gearbox system DualLogic because it delivers two logical requirements of a small car, better performance and better economy, and its made the Punto even easier and more convenient to drive” says David Stone, General Manager for Fiat Cars in Australia.

“Normally performance and economy pull in different directions, but the DualLogic gearbox is designed to make extremely efficient use of the engines to which it is attached, ensuring that they are always working at their peak effectiveness for the task in hand. This translates into better performance and lower fuel consumption, by way of lower exhaust emissions. The Fiat Punto, with an official fuel consumption figure of 4.6 litres/100 km, is already the most fuel efficient conventional car in Australia. With the DualLogic gearbox fitted, consumption drops to just 4.5 litres/100 km, a remarkable figure for manual car, let alone one with a self-shifting gearbox!”

The DualLogic gearbox, which is available on the Fiat Punto with the 1.4 petrol engine as well as the Turbo Diesel Punto 1.3 JTD, is technically described as a sequential manual gearbox, which means it has a conventional clutch and gearbox, so there is no power-sapping torque converter and hydraulic gears. Instead there is small, light actuator unit to operate the clutch and move the gears, plus a highly intelligent computer.

Thus, the DualLogic equipped Punto has the performance and economy of the manual car as a starting point, unlike a conventional automatic which is always at a disadvantage to a manual gearbox given its weight and power-consuming technology. To this already efficient system is added a computer that knows the engine to which it is connected inside-out. The computer ensures that the



gearbox is always in the most effective gear for the performance required, maximising both performance and economy capabilities. Indeed, the Punto DualLogic even knows if it is going downhill or climbing a hill and adjusts its changing patterns appropriately!

With the DualLogic taking over the operation of the gearbox and the clutch, driving is easier and simpler. The driver has the choice of placing the Punto DualLogic in automatic or manual modes. In automatic mode, DualLogic does all the work, selecting the gears, operating the clutch and getting the best economy and performance. The driver can also select normal mode or economy mode, with, as the name suggests, the latter selection ensuring that the Punto extracts every the maximum energy out of every last drop of fuel.

DualLogic doesn't just blindly change gears. It has full fuzzy logic, so it can adapt to the driver's style, matching his changing demands, both his style and changing road conditions. Another feature of the DualLogic is its ability to assess vehicle deceleration and adjust downshifts. In semiautomatic mode, for example, the system allows downshifts, particularly when the driver demands a lower gear to take a corner at speed during a sporty drive. In automatic mode, the system anticipates the downshift to ensure the driver can always call on the most appropriate speed to maintain the required comfort level or fuel saving.

With the DualLogic gearbox in automatic mode, its robotised electronic management system allows the gears to be changed at the time of maximum engine performance. This makes it possible to exploit all the power and torque of the 1.4 petrol and 1.3 Multijet Turbo Diesel engines and achieve a distinct improvement in acceleration over a manual gearbox.

However. This is an Italian car; therefore DualLogic has a manual mode where, using the gear lever, the driver can self-select gears to get the maximum pleasure out of driving the Punto.

How does this translate in fuel economy terms?

In automatic mode with the Economy key engaged, the Punto consumes less fuel than a manual gearbox. Fuel consumption with the DualLogic fitted is 5.7 compared with 5.9 l/100 km for the 1.4 petrol and 4.5 versus 4.6 l/100 for the Multijet. The most substantial benefits are achieved around town: 6.8 compared to 7.5 l/100 km for the 1.4 petrol and 5.8 compared to 5.9 l/100 for the Multijet.

DualLogic also boosts safety. To prevent unwanted gear changes, the system engages neutral when the engine is still running and the door has been opened and DualLogic device also activates warning lights and buzzers to notify the driver of emergency situations or manoeuvres that are not permitted and could damage the engine or gearbox.

The cream on the DualLogic cake is that also saves money on purchase, with a lower purchase cost than a conventional automatic gearbox, with the Fiat Punto 1.4 DualLogic available with a recommended retail price of \$21,490 and the Punto 1.3 JTD DualLogic offering an RRP of \$24,490.



NEW FIAT PUNTO PRICE LIST

Version	Body	Trim	Engine/gearbox	Recommended retail price
Punto Dynamic	5 door	Cloth	1.4 litre 57 kW / 5 sp man	\$19,990
Punto Dynamic	5 door	Cloth	1.4 litre 57 kW / 5 sp DualLogic	\$21,490
Punto Dynamic	5 door	Cloth	1.3 litre 66 kW diesel / 6 sp man	\$22,990
Punto Dynamic	5 door	Cloth	1.3 litre 66 kW diesel / 6 sp DualLogic	\$24,490
Punto Emotion	5 door	Cloth	1.9 litre 88 kW diesel / 6 sp man	\$27,990
Punto Sport	3 door	Sports Cloth	1.9 litre 96 kW diesel / 6 sp man	\$27,990
Options	Punto Dynamic	Punto Dynamic 1.3	Punto Emotion 1.9	Sport
Metallic Paint	\$750	\$750	\$750	Standard
Pastel Paint	\$750	\$750	\$750	\$750
Electric Sunroof	\$1950	\$1950	\$1950	\$1950

THE NEW FIAT PUNTO TECHNICAL SPECIFICATIONS

	Petrol 1.4 57 kW	Diesel 1.3 16v 66 kW MultiJet	Diesel 1.9 88 kW MultiJet	Diesel 1.9 96 kW MultiJet
BODY STYLE	5 door	5 door	5 door	3 door
GEARBOX	5sp Manual/ DualLogic	6sp Manual/ DualLogic	6sp manual	6sp manual
ENGINE				
No. of cylinders, arrangement	4, in line, front transverse	4, in line, front transverse	4, in line, front transverse	4, in line, front transverse
Bore x stroke (mm)	72.0 x 84.0	69.6 x 82.0	82.0 x 90.4	82.0 x 90.4
Capacity (cc)	1368	1248	1910	1910
Emission level	Euro 4	Euro 4	Euro 4	Euro 4
Emission control	three-way catalytic converter in engine compartment, 2 lambda probes, EOBD	oxidising catalytic converter in engine compartment, lambda probe, electrical EGR valve	2 oxidising catalytic converters in engine compartment and underbody, lambda probe, electrical EGR valve	2 oxidising catalytic converters in engine compartment and underbody, lambda probe, electrical EGR valve
Compression ratio	11.0 : 1	17.6 : 1	18.0 : 1	18.0 : 1
Max. power output: bhp (kW-EC) @ rpm	77 (57) @ 6000	90 (66) @ 4000	120 (88) @ 4000	130 (96) @ 4000
Peak torque: Nm-EC (kgm) @ rpm	115 (11.7) @ 3000	200 (20.4) @ 1750	280 (28.5) @ 2000	280 (28.5) @ 2000
Timing system	SOHC (with mechanical tappets)	DOHC's (with hydraulic tappets)	SOHC (with mechanical tappets)	SOHC (with mechanical tappets)



Fuel system	timed, sequential electronic MPI	Common Rail Multijet direct injection variable geometry turbo and intercooler	Common Rail Multijet direct injection variable geometry turbo and intercooler	Common Rail Multijet direct injection variable geometry turbo and intercooler
Ignition	static with digital electronic control	by compression	by compression	by compression
TRANSMISSION				
Drive	front	front	front	front
Clutch control	hydraulic	hydraulic	hydraulic	hydraulic
Gearbox, no. of speeds	Man: 5 + reverse DualLogic: 5 + Reverse	Man: 6 + reverse DualLogic: 6 + Reverse	6 + reverse	6 + reverse
Type	Dualdrive™ power steering	Dualdrive™ power steering	Dualdrive™ power steering	Dualdrive™ power steering
Turning circle (m)	10.1	10.1	10.1	10.9
Brakes	with ABS	with ABS	with ABS and ESP	with ABS and ESP
Front: diameter (mm)	257 (ventilated disc)	284 (ventilated disc)	284 (ventilated disc)	284 (ventilated disc)
Rear: diameter (mm)	228 drum	228 drum	264 disc	264 disc
SUSPENSION				
Front	MacPherson independent type, telescopic dampers, anti-roll bar	MacPherson independent type, telescopic dampers, anti-roll bar	MacPherson independent type, telescopic dampers, anti-roll bar	MacPherson independent type, telescopic dampers, anti-roll bar, special Sport version springs
Rear	torsion beam interconnected wheels with torsion bar, telescopic hydraulic dampers	torsion beam interconnected wheels with torsion bar, telescopic hydraulic dampers	torsion beam interconnected wheels with torsion bar, telescopic hydraulic dampers	torsion beam interconnected wheels with torsion bar, telescopic hydraulic dampers, anti-roll bar, special Sport version springs
DIMENSIONS*				
Wheelbase (mm)	2510	2510	2510	2510
Front / rear track (mm)	1473 / 1466	1473 / 1466	1473 / 1466	1473 / 1466
Length / width / height (mm)	4030 / 1687 / 1490	4030 / 1687 / 1490	4030 / 1687 / 1490	4030 / 1687 / 1490



Luggage space VDA (dm ³) Rear seats up/rear seats folded loaded to window line/loaded to roof	275 / 638 / 1030	275 / 638 / 1030	275 / 638 / 1030	275 / 638 / 1030
WHEELS				
Wheels	15 x 6J Steel	15 x 6J Steel	15 x 6J Alloy	17 x 6.5J Alloy
Tyres	175 / 65 R 15 T	185 / 65 R 15 H	185 / 65 R 15 H	205 / 45 R 17 V
ELECTRICAL SYSTEM				
Battery capacity (Ah)	50	50	60	60
WEIGHTS – TANK CAPACITY				
Kerb weight DIN (kg)	1040/TBC	1145/TBC	1220	1205
Towable weight – braked / unbraked (kg)	400 / 1000	400 / 1000	400 / 1000	400 / 1000
Fuel tank capacity (litres)	45	45	45	45
PERFORMANCE				
Top speed (kph)	165	175	190	200
Acceleration (sec): 0 – 100 kmh	13.2/13.0	11.9/11.0	10.0	9.5
0 - 1000 m (sec)	34.5/34.2	33.0/32.8	31.0	30.5
FUEL CONSUMPTION (1999/100 EC directive) l/100 km				
urban	7.7/6.8	5.9/5.8	7.5	7.8
extra-urban	5.2/5.0	3.9/3.8	4.5	4.7
combined	6.1/ 5.7	4.6/4.5	5.6	5.8
Exhaust emissions - CO ₂ (g/km)	140/135	122/120	145	154



THE NEW FIAT PUNTO

STANDARD EQUIPMENT AND OPTIONS

STYLE FEATURES	DYNAMIC 1.4 litre petrol 1.3 litre diesel	EMOTION 1.9 litre 5dr diesel	SPORT
Body-coloured bumpers	▲	▲	▲
Body-coloured door handles	▲	▲	▲
Body-coloured electrically-adjustable heated door mirrors	▲	▲	▲
Metallic paint	○	○	▲
Pastel paint	○	○	○
15" steel wheels	▲	-	-
15" alloy wheels with 5-spokes	○	▲	-
17" alloy wheels with double spokes	-	-	▲
Chromed exhaust pipe	-	-	▲
Rear spoiler & body-coloured sideskirts	-	-	▲
Leather-trimmed steering wheel and gear knob	-	▲	▲
Sport instrument panel with white graphics	-	-	▲
COMFORT & FUNCTIONALITY			
Fiat CODE immobiliser	▲	▲	▲
Remote central locking	▲	▲	▲
Electric front windows	▲	▲	▲
Internal boot opening button	▲	▲	▲
Follow me home headlights	▲	▲	▲
Mirror with courtesy light on front sunvisors	-	▲	-
Puddle lights on front doors	-	▲	-
Luggage compartment light	▲	▲	▲
Central console with cup holders	▲	▲	▲
Instrument panel with speedometer, rev counter, mileage counter, trip meter, digital clock, water temperature gauge	▲	▲	▲



Trip computer	▲	▲	▲
Multifunctional reconfigurable instrument panel with outside temperature display	–	▲	▲
Sliding front seats with position memory (3-dr)	–	–	▲
Wrap around front seats and Sport trim	–	–	▲
Split, folding rear seat 40/60 split	▲	▲	▲
Third rear seat with 3-point seatbelt, head rest	▲	▲	▲
Height-adjustable driver's seat (with map pocket on passenger seat-back)	▲	▲	▲
Height-adjustable upholstered head restraints (front and rear seats)	▲	▲	▲
Height and reach adjustable steering wheel	▲	▲	▲
Dualdrive™ electric power steering	▲	▲	▲
Air conditioning with pollen filter	▲	▲	▲
SkyDome - electric opening sunroof	○	○	○
Cruise control	▲	▲	▲
Cargo box (1)	○	○	○
Full size spare wheel	▲	▲	NA
SAFETY			
ABS + EBD (Electronic Brake Distribution)	▲	▲	▲
Driver and passenger airbags with Smart System	▲	▲	▲
Front, side and window airbags	▲	▲	▲
Driver's knee airbag (1)	○	○	○
Front crumplezone with reinforced structure	▲	▲	▲
Bodyshell with high tensile steel elements (Dualphase)	▲	▲	▲
Collapsible pedal support strut	▲	▲	▲
Fire Prevention System (FPS)	▲	▲	▲
Height-adjustable headlights	▲	▲	▲



Height-adjustable front seatbelts with pretensioner, buckle sensor and load limiters	▲	▲	▲
Front and rear seats with anti-submerging cross-piece	▲	▲	▲
Child safety locks (5-door)	▲	▲	-
Passenger airbag deactivation system	▲	▲	▲
ESP (Electronic Stability Program) + ASR/MSR, HBA and Hill Holder	-	▲	▲
Front foglights	○	▲	▲
AUDIO & TELEMATICS			
Radio with CD player and 6-button steering-wheel mounted audio controls, 40W Hi-Fi sound system, 4 speakers + 2 tweeters	▲	▲	▲