

NTU



JANUARY 2014

Alfa Romeo MiTo – the definitive supermini sports coupe

MiTo refreshed and reloaded for 2014	3
Engines and transmissions: Welcome, TwinAir	7
Exterior design: Italian style, premium details	11
Interior design: Infotainment integration	13
Dynamics: Classic Alfa DNA	17
Safety: Protection priority	18
SBK partnership: MiTo on the world stage	19
Pricing	22
Equipment and options	24
Technical specifications	29

MiTo refreshed and reloaded for 2014

- Updated Alfa Romeo MiTo range features new 0.9 engine variant, premium styling and enhanced cabin
- New touch screen Uconnect Infotainment system delivers new levels of luxury and convenience across the range
- Priced from \$22,500 for the 0.9 model, offering new affordable entry point for aspiring Alfa Romeo owners
- 0.9 TwinAir Turbo available with six-speed manual
- 1.4 MultiAir Turbo Progression available with five-speed manual or TCT automatic
- 1.4 MultiAir Turbo Distinctive available with TCT automatic

January 10, 2014 – Alfa Romeo has revitalised its iconic MiTo coupe with a competitively priced range, updated styling, and new features.

MiTo Series 2 is headlined by the introduction of the new entry level model featuring the 2011 International Engine of the Year – the turbocharged, 875cc, twin-cylinder TwinAir.

This characterful unit produces 77kW of responsive power and 145Nm of torque while having the lowest carbon dioxide emissions of any quantity petrol engine in the world.

The TwinAir is also highly fuel efficient, with combined fuel consumption figures of 4.2 litres per 100km.

The 0.9 model will retail for \$22,500, representing an enticing proposition for those interested in joining the evocative world of Alfa Romeo.

It is matched with a slick-shifting six-speed manual that provides an exhilarating drive for the enthusiast driver.

The TwinAir variant is joined by the 1.4-litre MultiAir powerplant, which produces 99kW and 206Nm of torque.

EMBARGOED UNTIL: 12:01am Tuesday, January 14, 2014



The 1.4-litre MultiAir was named Best New Engine at the 2010 International Engine of the Year awards – a further reminder of Alfa Romeo’s engineering innovation.

This engine is offered in two model variants – Progression and Distinctive and with either five-speed manual or TCT transmissions, with prices starting at \$24,500.

The TCT gearbox uses a dual dry clutch to provide fast shifting while enhancing fuel economy and practicality around city and suburban areas.

Alfa Romeo’s famous DNA dynamics system allows the driver to tailor vehicle behaviour to their needs by selecting from three different modes that adjust steering, gearbox, and electronics.

Exterior styling changes on the latest generation MiTo include a reinvigorated face, with chrome-plated grille surround and updated head and taillight surround finishes.

The interior benefits from a number of changes, notably the new Uconnect Infotainment system.

The system, which has a five-inch colour touch screen, allows the user to wirelessly stream Bluetooth phone and audio for optimum safety and convenience.

New dashboard trims and seat fabric with multiple colour combinations allow the consumer to personalise MiTo to individual tastes.

MiTo also has a new door trim design and premium black finish surrounding the centre mounted air conditioning vents to complement the new materials and cabin finishes.

Fiat Chrysler Australia CEO and President Veronica Johns said the Alfa Romeo MiTo Series 2 injected excitement into the segment at a time when consumers demanded exceptional product at a competitive price point.

“Introduction of the 0.9 TwinAir engine model MiTo brings the entry price to a more accessible level for aspiring Alfa owners while also providing them with one of the world’s most advanced engines,” Ms Johns said.

“This, combined with new Uconnect Infotainment system and enhanced interiors and exteriors provide further polish to an already stylish Italian.”



Engines and transmissions: Welcome, TwinAir

The innovative 875cc, turbo-charged twin-cylinder TwinAir is a new addition to the Alfa Romeo MiTo range for 2014.

This engine is at the forefront of modern petrol powertrain development, providing high levels of response and driveability with minimal fuel consumption and ultra low emissions.

The turbocharged two cylinder unit produces a maximum of 77kW of power and 145Nm of torque at 2000rpm for low down punch.

It enables MiTo to accelerate from 0-100km/h in just 11.4 seconds on the way to a top speed of 184km/h.

TwinAir combines small displacement and low weight with sophisticated technologies such as turbocharging, integration of the exhaust manifold in the cylinder head and the MultiAir intake valve control system.

The advanced MultiAir system uses a unique intake cam profile to optimise thermodynamic efficiency by controlling the amount of exhaust gas recirculated in the combustion chamber.

This sharpens throttle response for a sportier drive.

MultiAir technology also reduces pumping losses to achieve fuel consumption figures of 4.2 litres per 100km in the combined cycle and CO₂ emissions of 99g/km. These emissions are so low they already meet the European standards of the year 2020.

The 1.4-litre MultiAir four-cylinder unit is backed by the same advanced valve control system for optimal efficiency and performance.

It produces 99kW of power and 206Nm of peak torque while consuming 5.5 litres of fuel per 100km combined and outputting 123g of CO₂ per kilometre. Both engines are equipped with the Start & Stop system, which further enhances fuel efficiency.

The system switches the engine off when stationary in city traffic while keeping air conditioning, lights and audio system operating.

Start & Stop fires the engine again when the clutch is engaged or brakes are released.

The 0.9 model is matched with a six-speed manual and the 1.4 with either a five-speed manual or TCT automatic transmission.

TCT technology is underpinned by a dual dry clutch system and two gearboxes in parallel, which allow the next gear to engage while the previous gear is still engaged.

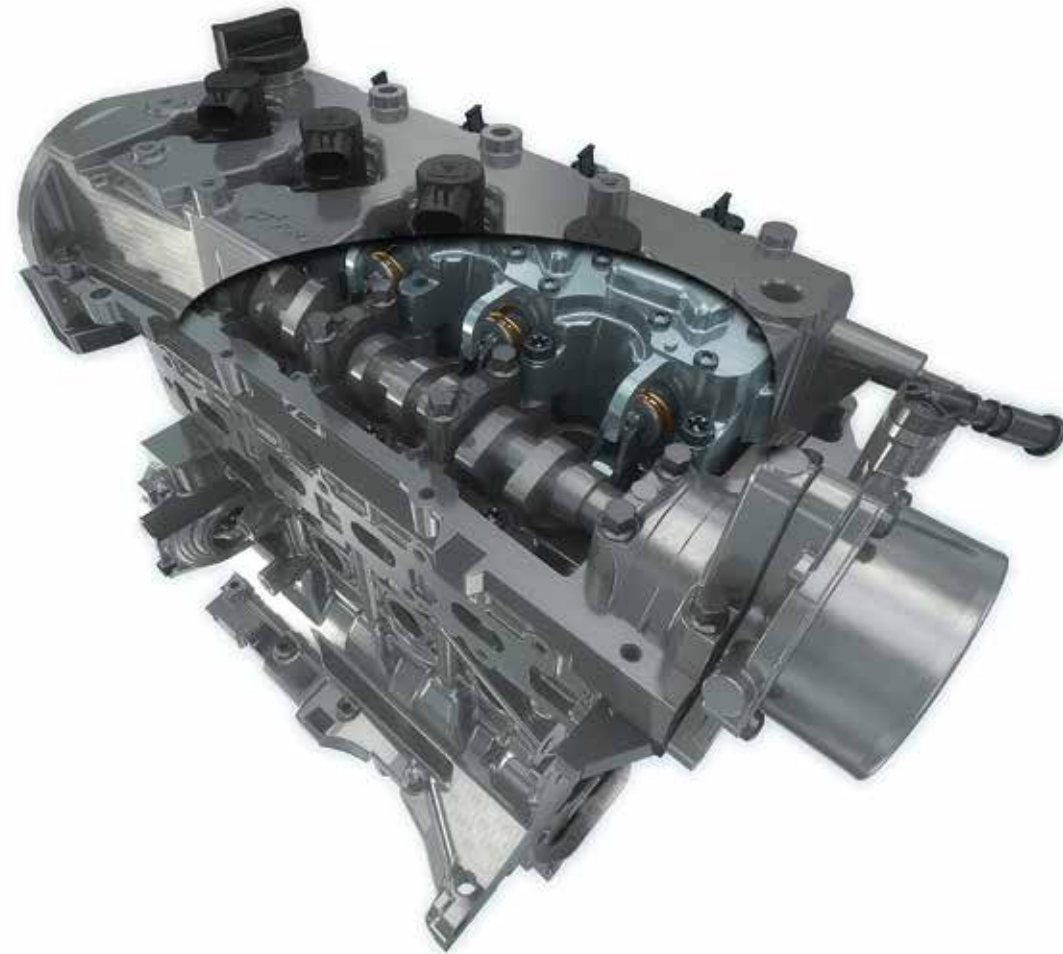
The result is continuous torque without loss of power.

The TCT also reduces fuel consumption by 10 per cent compared with a traditional torque converter automatic.

The selector has four positions: park, reverse, neutral and drive.

A single action on the gear selector engages the sequential gearbox for dynamic manual gearshifts via the selector or steering wheel paddles.

The system also integrates fully with the Alfa DNA system to vary driving characteristics to suit driver preferences.





Exterior design: Italian style, premium details

MiTo Series 2 features a range of exterior styling updates to revamp its overall image while maintaining the classic Italian styling.

The changes also evoke MiTo's styling inspiration: the famous 8C Competizione.

Enhancements begin at the front with the famous Alfa Romeo v-shaped grille.

It now features a chrome-plated frame to provide a premium, polished appearance befitting of a modern European sports coupe.

The surrounds additionally provide a close family link with Giulietta.

The head and taillight fittings of the entry level and Progression models have updated styling, while those of the Distinctive model feature premium chrome finish surrounds.

Three alloy wheel designs are available depending on the grade.

The 0.9 model features a dynamic 15-inch design while 1.4 Progression has a 16-inch, multi-spoke design.

1.4 Distinctive is fitted with racing-inspired, 17-inch alloy wheels.

MiTo can now be optioned in a new exterior paint colour, Magnesio Grey, which has a matte finish that provides an advanced appearance.



Interior design: Infotainment integration

The sporty MiTo cabin now has added multimedia support thanks to introduction of the acclaimed Uconnect Infotainment system.

Uconnect, which has won multiple industry awards including AOL Autos' Technology of the Year prize earlier this year, provides wireless audio and phone streaming via Bluetooth for enhanced convenience.

The five-inch colour touch screen provides easy access to radio, phone, media, and other settings.

It also shows ambient temperature, trip information, fuel consumption and a large digital clock can be displayed across the entire screen for quick reference.

An advanced Bluetooth interface also allows for phone call management and reading received SMS messages via text-to-speech technology for supported phones.

The audio streaming function additionally transmits turn-by-turn instructions from smartphone-based navigation apps as well as playing web-based radio stations.

Media players can be connected via the auxiliary and USB ports located under the centre armrest.

The Uconnect multimedia system is backed by a powerful six-speaker audio system for optimal sound.

The multi-function sports steering wheel includes switches to control phone, audio and voice commands.

New cabin materials add to the sporty cabin ambience and provide a sense of refinement.

A new technical grain dashboard finish adds to cabin ambience.

Entry level MiTo and Progression models are available in three cloth seat trim colour combinations: black, black/white and black/bronze.

Distinctive seat trims now feature new colour combinations: grey/black with grey inserts and grey/black with red inserts.

Leather can be optioned on the 1.4 Distinctive model and an electric sunroof is available as an option on all models.





Dynamics: Classic Alfa DNA

Alfa Romeo MiTo Series 2 continues the company's tradition of producing driver-focused, rewarding sports cars.

Its super compact proportions, direct rack and pinion steering and MacPherson strut and torsion bar rear suspension provide agile handling and maximum involvement.

This is supported by two lively drivetrains and Alfa Romeo's DNA system for desired adjustment of vehicle characteristics to suit specific driving styles.

The system electronically adjusts steering, power control module, ESP, and the TCT transmission where fitted to alter vehicle characteristics across three driving modes: Dynamic, Natural and All weather.

The different modes are also shown in the instrument panel when selected.

Dynamic mode provides immediate engine response and rapid pick-up when accelerating.

It also delivers a sportier steering and ESP and ASR calibration and changes gears at a higher speed on TCT-equipped models.

Natural mode adjusts settings that are ideal for all-round driving or long trips to optimise fuel economy.

The engine, ESP, ASR and steering are calibrated to a standard setting and gears shifted at a lower speed on TCT models.

All weather provides maximum traction in poor weather; ESP and ASR are calibrated for maximum safety and steering is set for maximum comfort.

Safety: Protection priority

MiTo features extensive passive and active safety measures while also having both a five-star Euro NCAP and ANCAP crash rating.

Passive safety measures include:

- 7 airbags as standard
- SBR (Seat Belt Reminder), which informs the driver via a small screen whether seat belts of all passengers are securely fastened
- Anti-whiplash devices on seats
- Collapsible steering wheel
- Steering wheel that absorbs impact energy in a controlled manner
- Steering-lock accommodated out of the way of the driver's knees
- LED rear lights to improve visibility

Active safety measures include the following:

- Alfa Adaptive Suspension
- Alfa Q2 (reproduces the action of a self-locking differential)
- ABS (Anti-Lock Braking System)
- EBD (Electronic Brake Force Distribution)
- ESP (Electronic Vehicle Dynamic Control)
- ASR (Anti-Slip Regulation system, which provides traction control by adjusting brakes and ECU)
- HBA (Hydraulic Brake Assistance for emergencies)
- Hill Holder, which aids hill starts
- MSR, which controls engine braking when accelerator pedal is released
- CBC, which optimises braking performance in bends
- Alfa Active Steering, which integrates power steering with ESP; it prompts the driver to compensate for oversteering by pulsing the steering wheel

SBK partnership: MiTo on the world stage

MiTo has prominent presence in world motorsport thanks to Alfa Romeo's partnership with the Eni FIM SBK Superbike World Championship.

The association, which began in 2007 and has just been renewed for a further three years, involves the use of MiTo as official safety car and Alfa Romeo as premier sponsor of the series.

The partnership confirms the strong link between the two entities; just as superbikes originate from production machines but deliver high performance on track, Alfa Romeo vehicles provide ideal day-to-day transport but can deliver a thrilling driving experience when called upon.





Pricing

The 2014 Alfa Romeo MiTo goes on sale in Australia in January with prices starting at \$22,500* for entry level MiTo.

Model	Engine	Transmission	Price
MiTo	0.9 TwinAir 2cyl petrol	6-spd manual	\$22,500
Progression	1.4 MultiAir 4cyl petrol	5-spd manual	\$24,500
Progression	1.4 MultiAir 4cyl petrol	6-spd TCT	\$26,500
Distinctive	1.4 MultiAir 4cyl petrol	6-spd TCT	\$28,000

*Manufacturer Suggested Retail Price (MSRP) – does not include statutory or delivery charges



Equipment and options

EXTERIOR	MiTo 0.9 manual	Progression 1.4 manual	Progression 1.4 TCT	Distinctive 1.4 TCT
Rear spoiler	•	•	•	•
External rearview mirrors with electrical drive and defrost	•	•	•	•
15-inch alloy wheels	•	-	-	-
16-inch alloy wheels	-	•	•	-
17-inch alloy wheels	-	-	-	•
Chrome-plated exhaust pipe	•	•	•	•
Black and white pastel paint	•	•	•	•
Non-standard pastel paint	○	○	○	○
Premium metallic paint	○	○	○	○
Sunroof	○	○	○	○
INTERIOR				
Electric front windows	•	•	•	•
Front head restraints with anti-whiplash device	•	•	•	•
Manual air-conditioning	•	•	•	-
Dual-zone climate control	-	-	-	•
Height-adjustable driver's seat	•	•	•	•
Configurable instrument panel with trip computer	•	•	•	•
Steering wheel with height and reach adjustment	•	•	•	•
Front armrest with storage	•	•	•	•
Cruise control	•	•	•	•
12-volt socket	•	•	•	•
Front seat lumbar adjustment	-	•	•	•
Split folding rear seat	•	•	•	•
Sprint cloth seats (black, black-bronze, black/white)	•	•	•	-
Evoluzione cloth seats (grey-black with grey inserts; grey-black with red inserts)	-	-	-	•
Leather seats	-	-	-	○
Leather steering wheel	•	•	•	-



Leather steering wheel with red stitching	-	-	-	•
Steering wheel audio and phone controls	•	•	•	•
Visibility Pack - Automatic headlights - Rain sensing windscreen wipers - Electrochromatic rearview mirror	-	•	•	•
Uconnect™ (five-inch colour touch screen, Bluetooth® setup with voice commands and MP3 media player with USB and AUX-in port)	•	•	•	•
Premium sound system with digital amplifier (9 speakers and subwoofer)	-	-	-	O
SAFETY/MECHANICAL				
Alfa DNA system	•	•	•	•
Alfa Dynamic Steering	•	•	•	•
ESC (Hill Holder, ABS, ASR, Brake Assist, MSR and CBC) with Alfa Q2	•	•	•	•
Start & Stop system	•	•	•	•
Side airbags (2)	•	•	•	•
Front airbags (2)	•	•	•	•
Window airbags (2)	•	•	•	•
Driver's knee airbag	•	•	•	•
Seat Belt Reminder (SBR)	•	•	•	•
Gear Shift Indicator (GSI)	•	•	•	•
LED rear lights	•	•	•	•
Front seatbelt pretensioners and load limiters	•	•	•	•
Electric headlight alignment adjustment	•	•	•	•
Electric power steering	•	•	•	•
Alfa TCT transmission	-	-	-	•
Fog lights	-	-	-	•
Space-saver wheel	•	•	•	•
Rear parking sensor	O	•	•	•
Alfa Adaptive Suspension	-	•	•	•

• = Standard O = Optional - = Not available





Technical specifications

All dimensions are expressed in millimetres unless otherwise indicated. The information is based on data available on the date of publication. The technical specifications are valid for Australia and may vary in other international markets.

GENERAL INFORMATION

Vehicle type	3-door coupe
--------------	--------------

ENGINE – 0.9-litre TwinAir Turbo

Availability	MiTo (entry level)
--------------	--------------------

Type and description	Two cylinders in-line with turbocharger
----------------------	---

Displacement	875 cm ³
--------------	---------------------

Bore and stroke	80.5×86
-----------------	---------

Compression ratio	10.00
-------------------	-------

Power	77kW @ 5500rpm
-------	----------------

Torque	145Nm @ 2000rpm
--------	-----------------

Fuel consumption (L/100km)	5.0 (urban), 3.8 (extra-urban), 4.2 (combined)
----------------------------	--

CO ₂ emissions (g/km)	99
----------------------------------	----

Emissions class	Euro 6
-----------------	--------

TRANSMISSION

Description	Six-speed manual
-------------	------------------

Drive	Front
-------	-------

ENGINE – 1.4-litre MultiAir Turbo

Availability	Progression, Distinctive
Type and description	Four cylinders in-line with turbocharger
Displacement	1368 cm ³
Bore and stroke	72x84
Compression ratio	9.8
Power	99kW @ 5000rpm
Torque	206Nm @ 1750rpm
Fuel consumption (L/100km)	5-spd manual: 7.4 (urban), 4.5 (extra-urban), 5.6 (combined) 6-spd TCT: 7.1 (urban), 4.5 (extra-urban), 5.5 (combined)
CO ₂ emissions (g/km)	5-spd manual: 129 6-spd TCT: 123
Emissions class	Euro 5

TRANSMISSION

Description	Five-speed manual TCT (dual clutch with six speeds)
Drive	Front

SUSPENSION

Front	Independent, MacPherson type
Rear	Torsion beam



STEERING

Type	Rack and pinion with electric power steering on column
Turning diameter (m) kerb-to-kerb	11.25

BRAKE SYSTEM

Type	ABS with EBD (Electronic Brakeforce Distribution) and VDC (Vehicle Dynamic Control)
Front (mm)	257mm disc
Rear (mm)	251mm disc

WHEELS AND TYRES

MiTo	15-inch alloy (185/65/R15)
Progression	16-inch alloy (195/55/R16)
Distinctive	17-inch alloy (215/45ZR17)

WEIGHTS (kerb mass – in kg)

1130

PERFORMANCE

Acc. 0-100km/h	11.4 sec (0.9, 6-spd manual) 8.4 sec (1.4, 5-spd manual) 8.2 sec (1.4, TCT)
Top speed (km/h)	184 km/h (0.9, 6-spd manual) 206 km/h (1.4, 5-spd manual) 206 km/h (1.4 TCT)



DIMENSIONS AND CAPACITIES

Overall length	4063
Overall width	1720
Overall height	1446
Wheelbase	2511
Front track	1483
Rear track	1475
Luggage capacity (dm ³)	270
Fuel tank capacity	45 litres

