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The All-New Toyota Corolla Altis – A Legend Redefined

Press Release

SINGAPORE, 9 Jan 2014 – Toyota today announced the arrival of the all-new 2014 Corolla Altis, a model that embodies the greatest successes of its range. Built upon the stellar reputation of the Toyota Corolla's iconic badge, the car represents a triumphant showcase of Toyota's philosophy of constant improvement, or *kaizen*, to deliver Always Better Cars, Always Better Service and Always Better Value. This year, the series' 11th generation fuses stylish design with durability and reliability, to redefine the legend that is the Toyota Corolla Altis.

"With 10 generations and over 40 million happy owners, the Toyota Corolla Altis is the world's best-selling car, and a legendary name amongst automobile makers and consumers alike," said Mr Koh Ching Hong, Managing Director of Borneo Motors Singapore. "Today, that legend has been redefined by fusing the best qualities of its predecessors, and we are confident that it will also redefine the driving experience of what our customers have come to expect from it."



Confidence Like You've Never Felt - A Design That Is A True Work Of Art

Adopting the same theme showcased on the athletic Corolla Furia Concept during the 2013 North American International Auto Show in January, the all-new Corolla Altis maintains an increased emphasis on style, as seen in Toyota vehicles launched in the past year, which has produced more expressive vehicle designs. Exemplified by the bold T-shaped motif of the all-new Corolla Altis, Toyota is dedicated to bringing sharper, sleeker and sportier designs that will appeal to current Toyota customers while also attracting more youthful buyers.

The all-new Corolla Altis' design theme exudes the confidence of a modern, advanced vehicle. With a longer wheelbase and shorter overhangs, the car holds an athletic stance with greater presence. More pronounced flared wheel arches, and a clean yet impactful sculpted surface adds an air of elegance to its sporty exterior. Viewed in profile, a sweeping

crease in the body sheet metal spans the length of the sedan and accentuates the integrated door handle design.

The exterior tapers towards the front and rear of the vehicle to emphasize its wheel arches, with a longer, faster sloping roofline that blends into a shorter rear deck to give the sedan a sportier image.

One of the aesthetic factors presented by the original Furia concept design was more deeply rounded corners to create a sleeker image. The thick structures of conventional headlamps make this a challenge. The all-new Corolla Altis adopts sleek, compact LED lamp assemblies that reduce corner mass and help accentuate its tapered, rounded-corner design theme. In addition, the lower amounts of heat generated by the LED lamps enable the use of a lighter weight PES (Polyethersulfone) resin lens instead of conventional glass. The all-new Corolla Altis is the first compact sedan to offer LED projector headlamps as standard equipment.



The all-new Corolla Altis' interior continues the theme of "Iconic Dynamism" to create a stylish, highly functional, and inviting interior space with a higher level of craftsmanship in its design, use of materials, and attention to detail. A horizontally oriented dash structure enhances the interior with a sense of spaciousness while providing a more intuitively functional space to interface with vehicular controls. The interior offers a premium aesthetic with its use of piano-black gloss trim highlighted by cyber carbon accents, while posh trimming conveys an upscale yet sportier image. Depending on interior color theme (ivory or black), blue, black or amber pinstriped accents are used in conjunction with the dash and door panel ornamentation to enhance the premium appeal of the interior. Ornamental stitching along the edge of the dash pad adds the intricacy of craftsmanship to the interior's upscale nature.

As a result of the 100 mm increase in vehicle wheelbase, passenger comfort in the all-new Corolla Altis' interior package has been dramatically improved, with significantly increased legroom for rear seat occupants. Compared to the outgoing model, the rear seat hip point has been moved back 75 mm, with additional leg-room gained by adopting a slim front seat back. The rear passenger floor was also made flatter by re-routing the exhaust pipes beneath the vehicle to offer a better middle position flat floor bed.

A new sporty 3-spoke steering wheel, designed with a characteristic V-shaped silver ornamentation and clad in genuine leather, provides excellent ergonomics driving to remain a comfortable experience, even for longer journeys. Shortcuts to access frequently required information and audio controls are placed within easy reach to ensure safe driving at all times.



Enjoyment Like You've Never Imagined – Features That Are Intuitive And Dynamic

As the first compact car equipped with standard LED projector low beam headlamps, which replicates daytime lighting, the all-new Corolla Altis allows drivers to maintain visibility of the road in heavy rain or poor lighting conditions. In addition to this feature, the car boasts plenty of intuitive features that form a conducive and hassle-free driving experience, including:

- Smart Key/ Push-button start
- Chrome-plated with Honeycomb pattern speedometer
- Electric Trunk Release
- Electrochromic Rear View Mirror with Auto Dimming
- Auto Headlamps
- Rain Sensing Wipers
- Auto Climate Air-conditioning
- Nanoe™ Ion Generator
- DVD Infotainment with Navigation
- Multi Information Display with Blue Illumination
- 4-Speaker system with bamboo fiber diaphragms

Excitement Like You've Never Known – Performance That Is Designed To Impress

The all-new Corolla Altis offers an efficient 1.6-liter, four-cylinder 16 Valves DOHC engine equipped with Dual VVT-i that generates a power output of 121 bhp and 154 Nm torque. The Dual VVT-i varies the timing and lift of the engine's valves to suit your driving requirements, resulting in improved responsiveness, superior fuel economy of 6.5l/100km and low CO₂ emission of 151g/km.

The all-new Corolla Altis also offers improved fuel economy thanks to its advanced Super Continuously Variable Transmission with intelligence (CVT-i). The Super CVT-i features several enhancements to improve transmission efficiency and driving performance with discrete shift points that help create a sensation more similar to traditional hydraulic automatic transmission. With Super CVT-i, Toyota's engineers have improved the driving experience of the all-new Corolla Altis by adapting discrete stepped "gears" or shift points into the car's acceleration and deceleration curves. Its new Super CVT-i even mimics the familiar characteristics of



hydraulic automatics, creating a sense of positive shift engagement. 7-speed sequential shift-points can also be manually actuated from the shift gate to enjoy a more spirited drive.

The all-new Corolla Altis offers improved handling and steering thanks to a rigid chassis that



takes advantage of improved suspension tuning to offer a more engaging and more dynamic car. The chassis makes extensive use of high-strength steel to improve the rigidity of the structure, while keeping the vehicle's curb weight under 1,300 kg, contributing to fuel efficiency. The use of high tensile-strength steel allows for reduced thickness and optimized shape of structural panels while increasing strength to better protect passengers in the event of a collision. It also features additional chassis bracing (tunnel brace and rear floor brace) to increase platform rigidity, compared to the 10th generation Corolla Altis.

The all-new Corolla Altis' suspension system uses a Macpherson strut design in the front with a new, more rigid control-arm design. A rear torsion beam is arranged with both suspension layouts designed to take advantage of the additional body rigidity to provide improved handling responses and steering control. The rear torsion beam's attachment points are now fastened to the body at a slanted diagonal angle for its bushings as opposed to the straight attachment orientation of the 10th generation Corolla Altis. This diagonal attachment point layout contributes to improved rear handling, grip, and overall stability.

The all-new Corolla Altis is equipped with an electric power steering system that offers enhanced feel and "weight" in the hands of drivers, increasing steering precision with minimal effort. The use of an electric rack and pinion system eliminates the need for an accessory-driven hydraulic steering system, which would have caused parasitic loss to the engine. The lightweight and compact components of the manual tilt, telescopic steering structure are designed to help enhance steering rigidity and reduce vibrations. A more structurally rigid steering intermediate shaft helps improve the turning radius to a mere 5.4m.



Assurance Like You've Never Expected – Class Leading Safety Features

Aligned with Toyota's philosophy of *kaizen*, or continuous improvement to always deliver better cars, better ownership and better product lifespan, we have maintained safety as a key priority since we began development of the very first Corolla in 1966. Today, Toyota is proud to say that tremendous progress has been made in delivering world class safety standards, with endorsements such as the Asean NCAP certification and Global Outstanding Assessment (GOA) under our belt.

Anti-lock Braking System (ABS) with Electronic Brake Distribution (EBD)

ABS prevents the wheels from locking while braking. EBD complements this by optimizing brake force distribution between the wheels to compensate for different loads. Together, the two systems work to help you to maintain steering control during sudden braking.

Brake Assist (BA)

BA detects emergency stops and applies additional brake pressure. This enables ABS to work to its maximum potential.

Supplement Restraint System (SRS)

Dual front airbags ensure both driver and front passenger are cushioned from unforeseen impact.

3-Point Emergency Locking Retractor (ELR)

Both driver and front passenger's seatbelts can be manually adjusted to adopt the optimum comfort level. The front seatbelts are equipped with Pretensioner function that tightens the seatbelt within split seconds upon crash impact. Thereafter, force limiters will be activated to prevent belt tension above threshold level. This is to prevent upper body injury by releasing the belt at a predefined force. For rear passengers, three-point seatbelts are adopted, even for rear centre seat.

Impact Protection Structure

High tensile steel impact beam reinforcements are optimized to minimize side pillar intrusion into the cabin, in the event of a side collision.

Pedestrian Protection Performance

Impact absorbing materials have been installed on the front bumper, front fender and engine hood to reduce pedestrian injury during impact.

Whiplash Injury Lessening (WIL) Headrest

Seats incorporating the WIL (Whiplash Injury Lessening) concept are designed to cushion the driver and front passenger's head and chest simultaneously, helping to minimize injuries in lower speed collisions.

ISO-Fix Child Restraint

ISO-Fix complies with International safety standards which specify the anchoring system for child safety seats. It defines standard attachment points to be manufactured into cars, enabling compliant child safety seats to be quickly and safely secured.

Toyota. A Choice that is Always Better.

Always Better Experience

It all starts at Toyota World, our experiential showroom that is designed to serve you better. One of the ownership privileges you'll appreciate is our online booking services, which grants you hassle free appointment booking with any of our 9 service facilities. Toyota

Service Express and Toyota Evening Express also provide the time flexibility for busy drivers to have their car maintained round the clock.

Always Better Cars

It is the same promise that drives us to understand your lifestyle. That's why we offer a range of models that cater to your needs today with innovations that fulfill the requirements of tomorrow. For example, Dual VVT-i & Super CVT-i that deliver a superior blend of driving performance and superior fuel economy, and Hybrid Synergy Drive, which minimizes carbon emission for cleaner air and better quality of life.

Always Better Assurance

Underpin by Toyota's world renowned Quality, Durability and Reliability (QDR), you would feel a great sense of confidence and peace of mind. Further bolstered by an impressive 5-year unlimited mileage warranty, plus 1-year free servicing- you can be certain that your car will be in good hands with by our certified specialists, genuine parts and the latest Toyota technology.

Always Better Value

To reward your ownership experience with exceptional value, ToyotaME, our loyalty programme, lets you earn points for all your purchases made. With these points, you can redeem any of your preferred merchandise under the programme, or use them to offset the bill from your next service appointment.

These are just some of many things we have put in place to give you better mobility, quality and the very best of car ownership experience. It is our way of helping you lead a better lifestyle. Toyota. Always Better.

*Terms & Conditions apply. Enclosed specification sheet of the All-New Corolla Altis

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Appendix: Specifications of the All-New Corolla Altis

Dimensions & Weights	Units	Details
Overall Length	mm	4,620
Overall Width	mm	1,775
Overall Height	mm	1,460
Wheelbase	mm	2,700
Tread Front/Rear	mm	1,515 / 1,520
Ground Clearance	mm	130
Turning Radius	m	5.4
Trunk Space	l	470
Gross Vehicle Weight	kg	1,640
Curb Weight	kg	1,265
Seating Capacity		5
Engine & Transmission		

Engine Code		1ZR-FE
Engine Type		4-cylinder, in-line 16-valve DOHC with Dual VVT-i
Fuel Supply System		EFI
Bore x Stroke	mm	80.5 x 78.5
Displacement	cc	1,598
Compression Ratio		10.2:1
Max. Output	kW(bhp)/rpm	90(121)/6,000
Max Torque	Nm/rpm	154/5,200
Transmission		7-speed Super CVT-i with Sequential
Performance		
Top Speed	Km/h	185
Acceleration (0-100km/h)	secs	11.1
Fuel Consumption		
Combined	l/100km (km/l)	6.5 (15.4)
Fuel Tank Capacity	l	55
CO2 Emission	g/km	151
CEVS Rebate	\$	5,000
Chassis		
Front/Rear Suspension		Macpherson Strut / Torsion Beam
Front/Rear Brakes		Ventilated Disc / Solid Disc
Tyres		205/55R16
Rims		16" Factory Alloy

Features		
Headlamps		LED (Low Beam) with Auto Function
Daytime Running Lights		Yes
Front Fog Lamps		Yes
Rear Stop Lamp		LED
Side-Turn Signal		Yes (On Retractable Wing Mirror)
Rear View Mirror		Electrochromic Mirror
Wiper		Timer with Auto Function
Start System		Smart (Keyless)
Entry System		Smart (Keyless)
Trunk Release		Electric
Clearance & Back Sonar		Yes
Reverse Camera		Yes
Rear Seats		60:40
Air Conditioning		Auto Climate with Nanoe
Audio		7" Touch Screen DVD with Navigation
Trims & Colors		
Exterior Color		Super White (040)
		Pearl White CS (070)
		Silver Metallic (1D4)
		Black Attitude (218)
		Grey Metallic (1F9)
		Red Mica Metallic (3R3)

		Dark Brown Mica Metallic (4U3)
Interior Trim		Ivory/Black
		Black
Seat Material Cover		Leather
Steering Wheel Cover		Leather
Safety Features		
SRS Airbags		Driver + Passenger
ABS		Yes (With Brake Assist)
EDB		Yes
Front Seatbelts		3 Point ELR with Pretensioner & Force Limiter
Rear Seatbelts		3 Point ELR
WIL Concept Headrest		Yes
ISO-Fix Child Restraint		2 x Anchor Points