

# Toyota Corolla Adds New Audio and Amenities for 2012

December 07, 2011

The Toyota Corolla, which received refreshed styling and numerous enhancements for 2011, enters the 2012 model year with upgrades to the feature content for the base L model and a new standard audio system for the LE and S grade models.

A standard bearer for value, quality and dependability for more than 40 years, the Toyota Corolla delivers even more value for 2012. The Corolla L grade model gains color-keyed power side mirrors, along with power windows with driver's auto-down, power door locks and remote keyless entry. The LE grade adds standard 16-inch wheels and steering wheel audio controls for 2012. The sporty S model adds a double-stitch accent to its seats.

In response to customers' demand for more versatile audio performance, the 2012 Toyota LE and S grades offer a new standard audio system. The head unit combines an AM/FM/CD player (including MP3/WMA playback) A USB port enables iPod® connectivity, while an auxiliary input jack accommodates other music players. The system also features Bluetooth® hands-free phone capability and audio streaming. Auto-sound leveling adjusts volume in response to ambient noise. Both the LE and S grades feature steering wheel audio control switches, as well.

The 2012 Corolla continues to offer standard Toyota's Star Safety System™, which includes Vehicle Stability Control (VSC), Traction Control (TRAC), Anti-lock Braking System (ABS), Electronic Brake-force Distribution (EBD) and Brake Assist. It also features the standard Smart Stop Technology brake-override system. The 2012 Corolla continues to offer the two-year/25,000-mile Toyota Care complimentary maintenance plan.

## **Performance and Efficiency**

The 2012 Corolla is available in three grades: the base-model Corolla L, the LE, and sporty S grade. All models are equipped with the 1.8-liter DOHC four-cylinder engine, which produces 132 hp at 6,000 rpm and 128 lb-ft of torque at 4,400 rpm. Dual Variable Valve Timing with intelligence (VVT-i) controls valve timing on both the intake and exhaust camshafts to help optimize performance and fuel economy.

The 1.8-liter engine is paired with a five-speed manual transmission or a four-speed automatic Electronically Controlled Transmission (ECT) on the base Corolla L and the sporty S grades; the LE model features the automatic standard. The four-speed automatic uses a torque converter with flex lockup for increased fuel efficiency, as well as uphill/downhill shift control. For a more engaging driving experience, the driver can shift the automatic manually by moving the shift lever to the left from its "D" position into the "S" position, then pushing forward for upshifts and back for downshifts. An indicator inside the combination gauge shows the gear selected.

The 2012 Corolla has earned an EPA-estimated fuel economy rating of 27 mpg city and 34 mpg highway with the five-speed manual transmission, and 26 mpg city and 34 mpg highway with the four-speed automatic transmission.

## **Handling and Ride**

The smooth-riding Corolla is built around a stiff body structure that relies on high tensile-strength steel, gussets and cross members for its strength, rigidity and lightweight construction. Front suspension is composed of a compact, rigid L-arm-type MacPherson strut with a stabilizer bar. The Corolla's torsion beam rear suspension employs a coil-over-shock arrangement that allows efficient packaging along with solid handling and excellent ride comfort.

An electric power-assist steering system uses a compact motor, speed reducer and torque sensor built into the steering column. The system varies the amount of assistance according to engine RPM and vehicle speed. The result is appropriate weight and responsiveness at higher speeds, and light effort at low speeds. Electric power steering reduces parasitic losses to the engine, thereby aiding fuel economy. It is also environmentally efficient, because it does not require hydraulic oil.

### **Safety**

The Corolla is engineered to absorb and disperse impact energy throughout the entire body structure, including front and rear crumple zones. Strengthened door beltline reinforcements help share the impact load, which in side impacts is also directed to the underbody. A direct tire pressure monitor system comes standard on every Corolla.

As part of the Toyota STAR Safety System™, Vehicle Stability Control automatically adjusts engine output and the vehicle's braking force at individual wheels to help control any discrepancy between where the driver is steering and where the vehicle is heading.

All Corolla models are equipped with six standard airbags, including advanced front airbags, front seat-mounted side airbags, and front-and-rear side-curtain airbags. Seatbelt pretensioners retract the seat belt at the time of a frontal collision, and the dual-stage force limiter helps limit the seat belt force applied to the passenger's chest. Front seats integrate active headrests; if the vehicle is struck from the rear with sufficient force, a cable-actuated mechanism in the active front headrest moves the headrest upward and forward to help limit the movement of the occupant's head.

### **Comfort and Convenience**

The 2012 Corolla upholds a 40-plus year heritage for providing outstanding value in standard equipment. All models feature a standard all-weather package. The Corolla L grade features 15-inch steel wheels with full wheel covers; P195/65 R15 tires; a color-keyed front grille and exterior door handles; a heavy-duty rear window defogger with timer; AM/FM/CD audio with four speakers with MP3/WMA playback capability, auxiliary audio jack, and auto sound leveling; air conditioning with pollen filter; intermittent windshield wipers; daytime running lights; tilt and telescopic steering wheel; multi-information display with outside temperature, instant fuel economy, average fuel economy, average speed and travel distance; fabric-trimmed six-way adjustable drivers seat; four-way adjustable front passenger seat; 60/40 split folding rear seats and a 12-volt auxiliary power outlet. For 2012, power windows, door locks, remote keyless entry system, and color-keyed side view mirrors are also added to the roster.

In addition to the new audio system and 16-inch wheels described earlier, the popular Corolla LE grade adds variable intermittent windshield wipers with mist cycle; color-keyed power heated outside mirrors; cruise control; multi-function in-key remote keyless entry system with lock, unlock, trunk release, panic and remote illuminated entry and a sport steering wheel with metallic accents.

The sporty Corolla S grade projects a street-smart look with 16-inch alloy wheels and 205/55 R16 tires; multi-reflector halogen headlamps with black housing; color-keyed front and rear underbody spoilers, sport side rocker panels, unique S badge and rear mudguards; color-keyed rear spoiler and integrated fog lamps. The interior, too,

gets an exclusive upgrade with front sport seats, chrome-tipped exhaust, metallic style interior trim and analog sport instrumentation.

## **Options**

The Corolla LE offers a Premium Package that includes 16-inch, five-spoke alloy wheels with P205/55R16 tires; integrated fog lamps and a power tilt/slide moonroof with sliding sunshade. The Corolla S also offers the power tilt/slide moonroof. Both grades also offer Display Audio with Navigation and Entune™ multi-media system which includes a 6.1-in. touch screen, AM/FM CD player with MP3/WMA playback capability, six speakers, SiriusXM™ Satellite Radio capability that includes 90-day trial subscription, HD Radio™ with iTunes® Tagging, auxiliary audio jack, USB port with iPod® connectivity and control, vehicle information, hands-free phone capability, phonebook access, advanced voice recognition, and music streaming via Bluetooth® wireless technology (see [toyota.com/entune](http://toyota.com/entune) for availability of apps and data services).

## **Exterior Design**

The Corolla's design, created with input from styling studios in Turin, Italy, strikes a sporty profile. Built on a 102.4-inch wheelbase, the Corolla provides room for five, with a 12.3 cu. ft. trunk.

Character lines sweep from the hood toward the A-pillars and carry back from the top edge of the front bumper into the subtle yet muscular front-fender flares. Additional lines carry rearward at the level of the door handles, emphasizing the Corolla's low profile, and sweep down from the C-pillar and along the top edges of the rear fenders.

Just above the dense mesh grille that helps form the now familiar Toyota T-face, an interlayer of anti-chipping coating is used to help minimize paint damage from stone chips. The standard body kit on S the model adds a sporty look while also enhancing aerodynamics. The kit includes a front spoiler, rocker moldings, and upper and lower rear spoilers. Engine under-covers improve air management on all models.

The current-generation Corolla benefitted from a focus on reducing wind noise. The A-pillar is specially profiled for this purpose. The windshield is made from acoustic glass and the window-frame structure is designed to reduce vibration of side glass. The windshield molding, wiper blade covers and shape of the cowl air intake louvers are all designed to minimize noise. Windshield washer nozzles are partially shielded by the rear edge of the hood, instead of sitting atop the hood or cowl. Inside, the carpeting is designed to better absorb noise.

## **Interior Design**

The Corolla's driving position and front seats are tailored to a wider range of driver heights. A standard tilt and telescope steering wheel in all models makes it easy for taller drivers to find a comfortable position. A multi-information display presents a variety of information, including outside temperature, instant fuel economy, average fuel economy, average speed and travel distance.

The Corolla's rear bench seat offers space and comfort for three adults. Careful attention to exhaust system routing provides a nearly flat rear floor, enhancing comfort for the middle passenger. Three interior color schemes are available: Ash, Dark Charcoal and Bisque. The Bisque is paired with Ash Brown trim.

Easy-to-reach storage spaces provide convenience and usability inside the Corolla. These include center console side pockets; a storage box above the usual glove box; front and rear door pockets that can safely hold 20-ounce bottles; a console box with a large-capacity main tray and a smaller accessory tray; an overhead console useful for storage of sunglasses or garage-door openers; and front and rear-door storage pockets with sculpted bottle holders.

**Limited Warranty**

Toyota's 36-month/36,000 mile basic new-vehicle warranty applies to all components other than normal wear and maintenance items. Additional 60-month warranties cover the powertrain for 60,000 miles and corrosion with no mileage limitation.

# # #