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# COROLLA

P r o d u c t S o u r c e

 **TOYOTA**



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# M

## odel Line-Up



### New for 1997

#### All Models

- Revised door trim
- Improved side impact protection
- New accessory equipment (PIO/DIO)
  - Cargo cover/trunk organizer
  - Color-keyed door edge guards
- New exterior colors
  - Bright Ivy Pearl (6P5)
  - Misty Plum Metallic (932)
- Deleted exterior colors
  - Teal Mist Metallic (6N1)
  - Orchid Blue Pearl (8K1)

#### STD

- Dual remote-controlled black mirrors added to optional Convenience Package {CQ}
- Optional black bodyside moldings

#### DX

- Standard black bodyside moldings

#### Deleted Models

- Corolla Wagon DX 5M (1767)
- Corolla Wagon DX 4ECT (1766)

### Body Styles and Trim Levels

Body Style	Trim Level	Trans.	Displacement	Cyl.	bhp	Model #
4-Door Sedan	Standard	5M	1.6 liter	4	100	1701
	Standard	3A	1.6 liter	4	100	1700
	DX	5M	1.8 liter	4	105	1702
	DX	4ECT	1.8 liter	4	105	1704
	CE*	5M	1.6 liter	4	100	1709
	CE*	3A	1.6 liter	4	100	1708

\* Fall Production - Information to come



# S tandard Features

## Corolla Sedan

### Mechanical

- 1.6-liter 4-cylinder DOHC\* EFI engine
- Engine stiffener plate (connects engine/transmission)
- Fluid-filled engine mount (1)
- Front-wheel drive
- 5-speed manual overdrive transmission
- 4-wheel independent MacPherson strut suspension
- Rear stabilizer bar
- Rack-and-pinion steering
- Power-assisted ventilated front disc/rear drum brakes
- P175/65R14 All-season steel belted radial tires
- Temporary spare tire
- Gold-plated wire harness connector terminals

### Exterior

- Aerodynamic halogen headlamps with "lights on" warning tone
- Color-keyed urethane bumpers
- Dual breakaway black mirrors
- Black-out windshield and roof drip moldings
- Styled-steel wheels
- Center High-Mount Stop Lamp (CHMSL)
- Fuel lid (with cap holder)
- Gray rear trunk panel with Corolla name
- 90° trunk angle opening with low lift over height
- Stainless steel exhaust system

### Interior

- 3-way adjustable front bucket seats (slide, recline and head restraint height)
- Fixed rear seat
- Side-mounted front seat tracks
- Cloth seats, head restraints and door trim with integrated armrests
- Steering wheel (4-spoke)
- Vinyl sun visors
- Center console box
- Dual cup holder
- Coin holder
- Assist grips (3) and coat hook (1)



*Model shown may have optional equipment*

- Cloth headliner
- Full carpeting
- Fully-lined trunk (without deck trim)
- Instrumentation: electronic analog speedometer, tripmeter, odometer, coolant temperature and fuel level gauges
- Warning lights: air bag, door ajar, brakes, engine, oil, seatbelt disconnect, battery and low fuel level
- Windshield wipers with mist control
- Dome light
- Remote hood, fuel lid and trunk releases
- Valet trunk locking system
- Cigarette lighter

### Safety\*\*

- Driver- and passenger-side air bags Supplemental Restraint System (SRS)
- Seatbelts
  - Driver: 3-point with ELR<sup>1</sup>
  - Front outboard passenger: 3-point with ELR/ALR<sup>1</sup>
  - Rear outboard passengers: 3-point with ELR/ALR
  - Center passenger: 2-point lap belt
- Energy-absorbing steering wheel and column
- Child-protector rear door locks
- Side-door beams
- Meets 1997 side-impact standards

\* Marketed as Twin-Cam

\*\* See "Safety" section beginning on page 9 for additional information

1 With adjustable shoulder belt anchor

# **S**andard Features

## **Corolla DX Sedan**      **Differences vs Standard Sedan**

### **Mechanical**

- 1.8-liter 4-cylinder DOHC\* 16-valve EFI engine
- 2-piece oil pan with baffle plate
- Front and rear stabilizer bars
- Power-assisted rack-and-pinion steering
- P185/65R14 All-season steel belted radial tires
- Larger temporary spare tire

### **Exterior**

- Dual remote-controlled black mirrors
- Black door belt molding
- Black-out door sash
- Black bodyside moldings
- Black door handles
- DX full wheel covers
- Reflective rear trunk panel with Corolla name



*Model shown may have optional equipment*

### **Interior**

- 60/40 split-folding rear seat with security locks
- Rear outboard head restraints
- DX cloth seat and door trim
- Dual door map pockets
- Cloth sun visors with passenger-side vanity mirror
- Intermittent windshield wipers
- Rear-window defogger
- Digital quartz clock
- Rear cargo light
- Fully-lined trunk

\* Marketed as Twin-Cam



# Standard/Optional Features

## Mechanical

	4-Door Sedan	4-Door DX Sedan
• California emissions {CA} .....	O	O
• 49-state emissions {RE} .....	O	O
• 1.6-liter 4-cylinder DOHC* 16-valve EFI engine .....	S	NA
• 1.8-liter 4-cylinder DOHC* 16-valve EFI engine .....	NA	S
• 2-piece oil pan with baffle plate .....	NA	S
• Engine stiffener plate .....	S	S
• Engine block heater .....	A <sup>1</sup>	A <sup>1</sup>
• Fluid-filled engine mount (passenger-side) .....	S	S
• Heavy-duty battery .....	O	O
• Front-wheel drive .....	S	S
• 5-speed manual overdrive transmission .....	S	S
• 3-speed automatic transmission .....	O	NA
• 4-speed electronically controlled automatic overdrive transmission (4ECT) .....	NA	O
• 4-wheel independent MacPherson strut suspension .....	S	S
• Front stabilizer bar .....	NA	S
• Rear stabilizer bar .....	S	S
• Rack-and-pinion steering .....	S	NA
• Power-assisted rack-and-pinion steering {PS} .....	O <sup>2</sup>	S
• Power-assisted ventilated front disc/rear drum brakes .....	S	S
• Anti-lock Brake System (ABS) {AB} .....	O <sup>3</sup>	O
• P175/65R14 All-season steel belted radial tires .....	S	NA
• P185/65R14 All-season steel belted radial tires .....	NA	S
• Temporary spare tire .....	S <sup>3</sup>	S
• Gold-plated wire harness connector terminals .....	S	S
• All-Weather Guard Equipment Package {CK} .....	O	O

## Exterior

• Aero-style halogen headlamps with "lights on" warning tone .....	S	S
• Front-end mask {KM} .....	A <sup>1</sup>	A <sup>1</sup>
• Color-keyed urethane bumpers .....	S	S
• Dual breakaway black mirrors .....	S	NA
• Dual remote-controlled black mirrors .....	NA	S
• Dual color-keyed power mirrors .....	NA	O <sup>4</sup>
• Black-out windshield and roof drip moldings .....	S	S
• Black door belt molding and door handles .....	NA	S
• Black-out door sash .....	NA	S
• Black bodyside moldings and door handles .....	O	S
• Color-keyed bodyside moldings and door handles {BM} .....	O	O
• Styled-steel wheels .....	S	NA
• Full wheel covers {FW} .....	O	NA
• DX full wheel covers .....	NA	S
• Alloy Wheels {AW} .....	NA	O
• Wheel locks (steel) {WS} .....	A	A
• Mudguards {MG} .....	NA	A
• Color-keyed mudguards {GM} .....	NA	O <sup>5</sup>
• Center High-Mount Stop Lamp (CHMSL) .....	S	S
• Fuel lid (with cap holder) .....	S	S
• Gray rear trunk panel with Corolla name .....	S	NA
• Reflective rear trunk panel with Corolla name .....	NA	S
• 90° trunk angle opening with low lift over height .....	S	S
• Rear spoiler {RF} .....	A	A
• Stainless steel exhaust (intermediate pipe, muffler and tailpipe) .....	S	S
• Gold Package {GP} .....	NA	A

### Legend

*	Marketed as Twin-Cam
S	Standard
O	Optional
A	Dealer/Port-Installed
NA	Not Available
{ }	Option Code

### Notes:

{CK}	Includes Cold Area Package; heavy-duty: battery, rear-window defogger, starter, heater and booster ventilator, rear heater ducts, windshield wiper motor, 4.5-liter washer tank, rear cargo light (STD model only) and trunk deck lid trim; (Cold Area Package includes rear defogger w/timer on STD grade 3 A/T)
{AW}	Includes All-season tires and alloy wheels
1	DIO only
2	Includes electric idle-up
3	Receives smaller standard temporary spare tire; regular size temporary included with optional ABS {AB}
4	Included with Power Package {PO}
5	Requires bodyside moldings {BM}



# Standard/Optional Features

## Interior

	4-Door Sedan	4-Door DX Sedan
• 3-way adjustable front bucket seats (slide, recline and head restraint height) .....	S	S
• Fixed rear seat .....	S	NA
• 60/40 split-folding rear seat with security locks .....	NA	S
• Rear seat Child Restraint System (CRS) .....	NA	O
• Rear outboard head restraints .....	NA	S
• Side-mounted front seat tracks .....	S	S
• Cloth seats, head restraints and door trim with integrated armrests .....	S	S
• DX cloth seat and door trim .....	NA	S
• Dual door map pockets .....	NA	S
• Steering wheel (4-spoke) .....	S	S
• Wood dash {DU} .....	A	A
• Vinyl sun visors .....	S	NA
• Cloth sun visors with passenger-side vanity mirror .....	NA	S
• Center console box .....	S	S
• Center console with armrest {SK} .....	A	A
• Dual cup holder .....	S	S
• Coin holder .....	S	S
• Assist grips (3) and coat hook (1) .....	S	S
• Cloth headliner .....	S	S
• Cargo net {GN} .....	A	A
• Cargo cover/trunk organizer .....	A	A
• Full carpeting .....	S	S
• Carpeted floor mats, 4-piece set {CF} .....	A	A
• Carpeted floor mats, universal .....	A	A
• Fully-lined trunk (without deck trim) .....	S	S
• Fully-lined trunk with deck lid trim .....	O <sup>6</sup>	O <sup>6</sup>
• Instrumentation: electronic analog speedometer, tripmeter, odometer, coolant temperature and fuel level gauges .....	S	S
• Tachometer {TA} .....	NA	O
• Warning lights: air bag, door ajar, brakes, engine, oil, seatbelt disconnect, battery and low fuel level .....	S	S
• Power sliding steel sunroof {SR} includes map light .....	NA	O
• Sunroof wind deflector {SD} .....	NA	A
• Air conditioning (CFC-free) {AC} .....	O/A <sup>2</sup>	O/A <sup>2</sup>
• Heavy-duty heater .....	O	O
• Toyota Vehicle Intrusion Protection (VIP) {V1} .....	A	A
• Toyota Vehicle Intrusion Protection (VIP) {V3} .....	NA	A
• Keyless Entry {KE} .....	NA	A
• Power windows and door locks .....	NA	O <sup>4</sup>
• Cruise control {CL} .....	NA	O
• Tilt steering wheel {TW} .....	NA	O
• Windshield wipers with mist control .....	S	NA
• Intermittent windshield wipers .....	NA	S
• Variable intermittent windshield wipers .....	NA	O <sup>7</sup>
• Rear-window defogger {DE} .....	O	S
• Heavy-duty rear-window defogger .....	O <sup>6,8</sup>	O <sup>6</sup>
• Digital quartz clock {DQ} .....	A	S
• Dome light .....	S	S
• Rear cargo light .....	O <sup>6</sup>	S
• Remote hood, fuel lid and trunk releases .....	S	S
• Valet trunk locking system .....	S	S
• Cigarette lighter .....	S	S
• AM/FM ETR Radio with 2 speakers {R2} .....	A <sup>9</sup>	A <sup>9</sup>
• AM/FM ETR/Cassette with 2 speakers {B1} .....	A <sup>9</sup>	A <sup>9</sup>
• Midline AM/FM ETR/Cassette with Dolby <sup>®</sup> 10 and 2 speakers {E1} .....	A <sup>9</sup>	A <sup>9</sup>
• Deluxe AM/FM ETR Radio with 4 speakers {ER} .....	O	O

### Legend

S	Standard
O	Optional
A	Dealer/Port- Installed
NA	Not Available
{ }	Option Code

### Notes:

{CL}	Includes variable intermittent windshield wipers
2	Includes electric idle-up
4	Included with Power Package {PO}
6	Included in All-Weather Guard Equipment Package {CK}
7	Included in Cruise Control {CL}

8 Timer included on 3A model

9 Requires Radio Prep Package {RR}

10 Dolby<sup>®</sup> is a registered trademark of  
Dolby Laboratories, Inc.



# S

## Standard/Optional Features

### Interior (Cont'd)

	4-Door Sedan	4-Door DX Sedan
• Deluxe AM/FM ETR/Cassette with 4 speakers {EX} .....	O	O
• Auto-Reverse Cassette Deck with Dolby®10{P4} .....	A11	A11
• Compact Disc Deck {P5} .....	A12	A12
• 3-Disc CD {P3} .....	A12	A12
• 6-Disc CD Changer {P9} .....	A12	A12
• Convenience Package {CQ} .....	O	NA
• Power Package {PO} .....	NA	O
• Radio Prep Package {RR} .....	O	O
• Value Package {VP}¹ .....	O	NA
• Value Package {VP}² .....	NA	O

### Safety\*

• Driver- and passenger-side air bags Supplemental Restraint System (SRS) .....	S	S
• Seatbelt, driver: 3-point with ELR¹³,¹⁵ .....	S	S
• Seatbelt, front outboard passenger: 3-point with ELR/ALR¹⁴,¹⁵ .....	S	S
• Seatbelt, rear outboard passengers: 3-point with ELR/ALR¹⁴ .....	S	S
• Seatbelt, center passenger: 2-point lap belt .....	S	S
• Energy-absorbing steering wheel and column .....	S	S
• Child-protector rear door locks .....	S	S
• Side-door beams .....	S	S
• Meets 1997 side-impact standards .....	S	S

#### Legend

S	Standard
O	Optional
A	Dealer/Port- Installed
NA	Not Available
{ }	Option Code

#### Notes:

{CQ}	Includes power steering, air conditioning and air conditioning idle-up
{PO}	Includes power windows, dual color-keyed power mirrors; and door locks with anti-lock-out, one-touch driver-side auto-down, two-turn locks and nighttime illumination
{RR}	Includes 2 speakers, wiring harness and antenna
{VP}¹	Includes air conditioner, power steering and floor mats
{VP}²	Includes air conditioner, tilt wheel, power package, Deluxe ETR/Cassette and floor mats

\* See "Safety" section beginning on page 9 for additional information

10 Dolby® is a registered trademark of Dolby Laboratories, Inc.

11 Requires {ER} or {R2} audio systems

12 Requires 4-speaker audio system

13 Emergency Locking Retractor (ELR)

14 Emergency Locking Retractor (ELR) / Automatic Locking Retractor (ALR)

15 With adjustable shoulder belt anchor

# Specifications

## Mechanical

### 4-Door Sedan

### 4-Door DX Sedan

#### ENGINE

Type	1.6-L 4-Cyl DOHC* 16-V EFI	1.8-L 4-Cyl DOHC* 16-V EFI
Horsepower (bhp @ rpm)	105 @ 5800 / 100 @ 5800 (CA)	105 @ 5200
Torque (lb-ft @ rpm)	100 @ 4800	117 @ 2800
MPG (EPA est. city/hwy)	5M - 31/35	5M - 29/35
	3A - 25/29	4ECT - 27/34

#### DRIVETRAIN

Type	Front-wheel drive	Front-wheel drive
------	-------------------	-------------------

#### TRANSMISSIONS

-standard	5-speed manual overdrive	5-speed manual overdrive
-optional	3-speed automatic	4-speed ECT auto. overdrive

#### SUSPENSION

Front	Ind; MacPherson strut	Ind; MacPherson strut with stabilizer bar
Rear	Ind; MacPherson strut with stabilizer bar	Ind; MacPherson strut with stabilizer bar

#### STEERING

Type	-standard	Rack-and-pinion	Power-assisted rack-and-pinion
	-optional	Power-assisted rack-and-pinion	NA
Steering Ratio	-standard	22.7:1	18.5:1
	-optional	18.5:1	NA
Turning Diameter** (ft.)		32.2	32.2
Turns***	-standard	4.09	3.35
	-optional	3.35	NA

#### BRAKES†

Front/Rear	-standard	Ventilated disc/drum	Ventilated disc/drum
	-optional	Anti-lock Brake System <sup>1</sup>	Anti-lock Brake System

#### WHEELS

Type/Size (in.)	-standard	Steel / 5.5 x 14	Steel / 5.5 x 14
	-optional	NA	Alloy / 5.5 x 14

#### TIRES

Type	All-season steel belted radial	All-season steel belted radial
Size	P175/65R14	P185/65R14
Spare	Temporary <sup>1</sup>	Temporary

#### CAPACITIES

Curb Weight (lb.)	5M - 2337	3A - 2392	5M - 2403	4ECT - 2469
Fuel Tank (gal.)	13.2		13.2	
Towing†† (lb.)	1500		1500	

## Exterior

Wheelbase (in.)	97.0	97.0
Overall Length (in.)	172.0	172.0
Overall Width (in.)	66.3	66.3
Overall Height (in.)	53.5	53.5
Tread Width	-front/rear (in.)	57.5 / 57.1
Drag Coefficient (Cd)	.33	.33

## Interior

Seating Capacity	5	5
Head Room	-front/rear (in.)	38.8 / 37.1
Leg Room	-front/rear (in.)	42.4 / 33.0
Shoulder Room	-front/rear (in.)	54.1 / 53.5
Hip Room	-front/rear (in.)	51.3 / 54.3
Trunk/Cargo	-seat up/down (cu. ft.)	12.7 / NA

## Safety†††

#### OCCUPANT RESTRAINT SYSTEMS

Air Bag (SRS)	Driver- and passenger-side	Driver- and passenger-side
Seatbelts	-driver	3-point with ELR <sup>2,4</sup>
	-front outboard passenger	3-point with ELR/ALR <sup>3,4</sup>
	-rear outboard passengers	3-point with ELR/ALR <sup>3</sup>
	-center passenger	2-point lap belt
Child Restraint System (CRS)	-optional	NA
		5-point

#### Notes:

NA	Feature not available	†	Power-Assisted
—	Information not available	††	Requires additional equipment. Consult the 1997 Toyota Trailer Towing Guide for details and GCWR limits
*	Marketed as Twin-Cam	†††	See "Safety" section beginning on page 9 for additional information
**	Curb-to-curb		
***	Lock-to-lock		

- 1 Receives smaller standard temporary spare tire; regular size temporary included with optional ABS (AB)
- 2 Emergency Locking Retractor (ELR)
- 3 Emergency Locking Retractor (ELR)/Automatic Locking Retractor (ALR)
- 4 With adjustable shoulder belt anchor



# Features and Benefits

## Safety



### KEY FEATURES

Dual Air Bags  
Supplemental  
Restraint  
System (SRS)\*  
Crumple Zones  
Optional 4-Wheel  
Anti-lock Brake  
System (ABS)  
Ventilated Front  
Disc Brakes

### BENEFITS

**Helps limit the motion of the head and upper body in the event of a severe frontal collision.**

**Help absorb the impact of a front or rear collision.**

**Pulsates brakes to help avoid skids caused by wheel lock-up during panic stops.**

**Help reduce brake fading and rotor warping by allowing cooling air to pass through the vents in the hot discs.**

### Crumple Zones

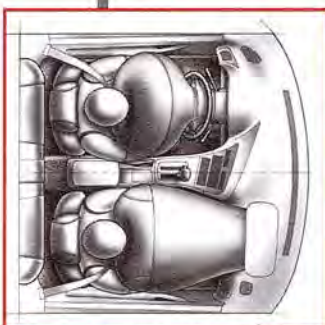
Protective features at the front and rear of the Corolla **help absorb the impact of a collision.** These pre-stressed areas in the fenders, hood, and related body components are **designed to crush and absorb energy during an impact.** As the area successively crushes in a collision, crush energy is dissipated, which **helps prevent much of the collision energy from reaching the passenger compartment.**

### Impact-Absorbing Bumpers

Corolla's bumpers are the first line of defense in the event of a front or rear-end collision. They **are designed to absorb minor, low-speed impacts** without damage, and they **meet or exceed all federal government requirements.**

### Corolla Meets 1997 Safety Standards

Corolla meets the Passenger Car Federal Motor Vehicle Safety Standards for 1997. Corolla drivers and passengers will take comfort in knowing that they are riding in a car that **meets or exceeds all federal safety requirements.**



Dual air bags (SRS) are standard on all Corollas

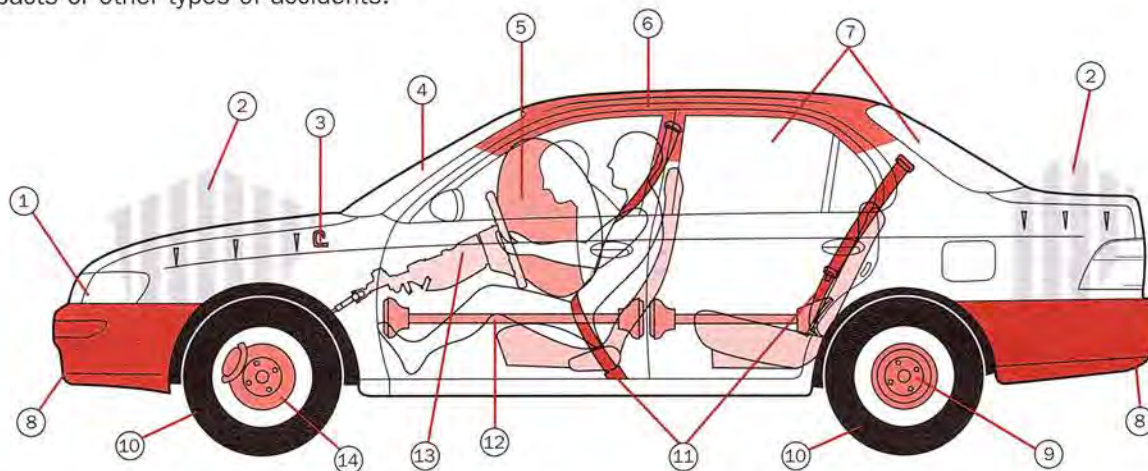
## Impact Protection

### Dual Air Bags Supplemental Restraint System (SRS)\*

In a severe frontal collision, sensors (located in the floor tunnel) **detect the force of the impact and cause the bags to inflate** within milliseconds (after it begins to happen) **helping to limit the motion of the head and upper body.** Safety belts must be worn at all times for maximum

protection. Air bags won't inflate in minor frontal impacts or other types of accidents.

- |                            |   |
|----------------------------|---|
| 1 Halogen headlamps        | 9 Drum brakes with LSPV/ABS**                 |
| 2 Crumple zones            | 10 Steel belted radials                       |
| 3 Hood hold-down hooks     | 11 3-point seatbelts (outboard positions)     |
| 4 Laminated safety glass   | 12 Side-door beams                            |
| 5 Dual air bags (SRS)*     | 13 Energy-absorbing steering wheel and column |
| 6 Reinforced roof          | 14 Ventilated disc brakes/ABS**               |
| 7 Tempered safety glass    |   |
| 8 Impact-absorbing bumpers |   |



\* The Toyota driver and front passenger air bags are a Supplemental Restraint System (SRS) designed to inflate in a severe frontal collision. In all other accidents, the air bags will not inflate. To minimize the risk of severe injury in all types of crashes, all occupants must always wear seatbelts. Do not sit or place objects close to an air bag. Do not use rearward-facing child seats in any front passenger seat. The force of a deploying air bag SRS may cause serious injury. Please see the Owner's Manual for instructions on SRS and child seat usage.

\*\* ABS is optional



# Features and Benefits



## Side-Door Beams

Steel beams located under the sheet metal in Corolla's doors **help provide some protection if the Corolla is hit from the side**. Additionally, there is a **center pillar reinforcement** that **helps absorb the shock of a side impact**.

## 3-Point ELR/ALR Safety Belts<sup>1</sup>

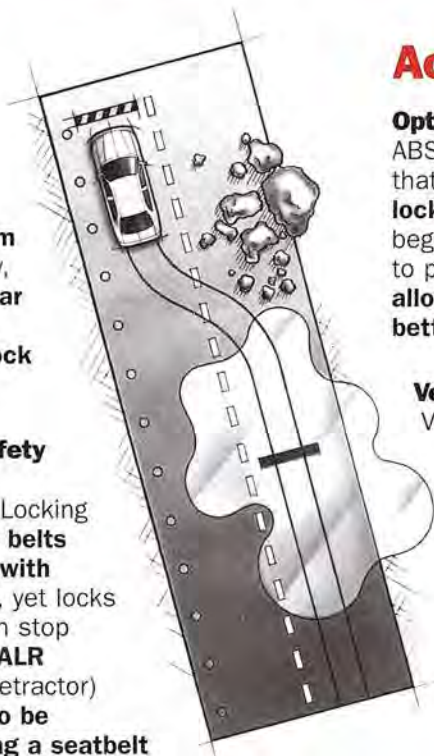
The ELR (Emergency Locking Retractor) **allows the belts to extend or retract with occupant movement**, yet locks them during a sudden stop or upon impact. The ALR (Automatic Locking Retractor) **allows a child seat to be secured without using a seatbelt locking clip**. Do not use a rearward-facing child seat in the front passenger seat. See Owner's Manual for child seat usage.

## Hood Hold-Down Hooks

Two hooks at the back end of the hood (near the cowl) **help keep the hood in place during a frontal collision**. They are designed to help **keep the hood from being pushed rearward into the passenger compartment**, helping protect the occupants.

## Front Seat Design

The steel frames of the front seat are designed to **help absorb impact energy during an accident**, which helps **protect the occupants**. In addition, seatbelt buckles are attached directly to the seats to provide more comfort and convenience.



## Accident Avoidance

### Optional 4-Wheel Anti-lock Brake System (ABS)

ABS is a sophisticated computer-controlled system that regulates braking pressure to **help avoid wheel lock-up** during heavy braking. When the wheels are beginning to lock, the computer causes the brakes to pulse more rapidly than humanly possible. **This allows the wheels to rotate rather than skid for better stopping control.**

### Ventilated Front Disc Brakes

Vents in the brake discs (or rotors) **allow cooling air to pass through the hot discs**. This helps reduce heat build-up to **maintain stopping power**, and **helps lessen the chance of the brakes fading, glazing or warping.**

## Personal Security

The following standard or optional features provide customers with a "safe" feeling every time they enter and use their Corolla:

- **Low fuel level warning light** indicates the need to refill the fuel tank.
- **Two-turn door locks<sup>2</sup>** provide an extra level of security by opening the driver's door only when the key is inserted and turned once. A second turn unlocks all other doors.
- **Anti-lock-out power door locks<sup>2</sup>** prevent the doors from being locked if the key is in the ignition.
- **Child protector rear door locks<sup>2</sup>** help prevent a rear door or tailgate from being opened inadvertently from the inside of the vehicle.
- **Valet trunk locking system** allows rear seats to be locked with a security latch. Then, trunk security can be maintained by providing the valet with a door/ignition key only.
- **Optional Toyota Intrusion Protection (V.I.P.)** is a **break-in alarm** that flashes the headlamps and taillamps and sounds the horn when a secured Corolla is broken into. It also disables the starter if someone **forcefully enters** the car. The system is automatically armed by removing the ignition key from the ignition.

<sup>1</sup> Driver's side has ELR. Outboard passenger seats have ELR and ALR. Rear center passenger has a 2-point lap belt and no ELR/ALR

<sup>2</sup> Optional on DX sedan only



# Features and Benefits

## Performance



### KEY FEATURES

Economical 1.6-L  
4-Cylinder DOHC\*  
16-Valve EFI Engine

More Powerful 1.8-L  
4-Cylinder DOHC\*  
16-Valve EFI Engine

4-Valves per Cylinder

Optional 4-Speed  
Electronically  
Controlled Automatic  
Overdrive Transmission  
(4ECT)

### BENEFITS

This Corolla engine develops **105<sup>1</sup> HP** and **100 lb-ft** of torque while providing an EPA estimated highway mileage of **35 mpg\*\*** with a 5-speed manual overdrive transmission.

This Corolla engine develops **105 HP** and **117 lb-ft** of torque while providing an EPA estimated highway mileage of **35 mpg\*\*** with a 5-speed manual overdrive transmission.

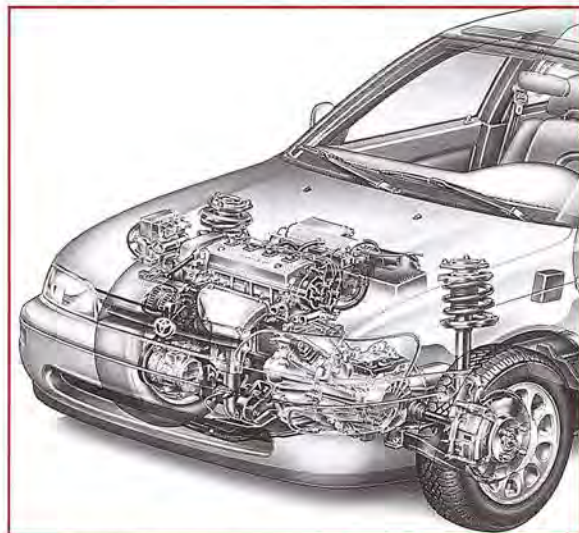
Allow maximum engine breathing for better performance and economy.

This transmission has a computer which selects gears based on driver input and driving conditions to help produce more seamless shifts.

## Drivetrain

### The 1.6-L 4-Cylinder DOHC\* 16-Valve EFI Engine Provides Excellent Economy

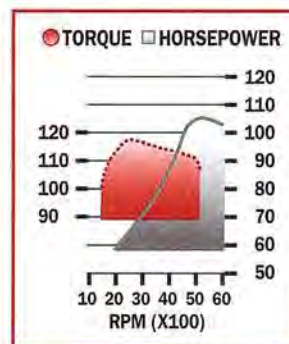
This engine achieves **105 horsepower (HP)<sup>1</sup>** at **5800 rpm**. Its torque is rated at **100 lb-ft** at **4800 rpm**. With a 5-speed manual overdrive transmission, the 1.6-L engine has an EPA estimated highway mileage of 35 mpg.\*\* Engine features include Electronic Fuel Injection (EFI), Dual Overhead Cam (DOHC) technology and 4-valves per cylinder.



Corolla's 1.8-L 4-cylinder engine

### The 1.8-L 4-Cylinder DOHC\* 16-Valve EFI Engine Provides Excellent Power and Economy

This engine achieves **105 horsepower (HP)** at **5200 rpm**. Its torque is rated at **117 lb-ft** at a low **2800 rpm**. A DX sedan with a standard 5-speed manual overdrive transmission has an EPA estimated highway mileage of 35 mpg.\*\* Engine features include Electronic Fuel Injection (EFI), Dual Overhead Cam (DOHC) technology and 4-valves per cylinder.



### Dual Overhead Cam (DOHC) and 4-Valves per Cylinder

This arrangement of two intake and two exhaust valves allows more fuel/air mixture into the cylinder for more efficient engine "breathing" and combustion. This helps produce greater horsepower than single cam engines and higher fuel economy. Toyota's DOHC eliminates moving parts such as rocker arms and push rods to help make the engine smoother, quieter and more efficient.

\* Marketed as Twin-Cam

\*\* See Mileage Statement on back cover

1 100 HP @ 5800 rpm (CA)



# Features and Benefits



## The Optional 4-Speed Electronically Controlled Automatic Transmission (4ECT)<sup>2</sup>

Gear selection is controlled by a sophisticated computer that analyzes driving conditions (speed, load, etc.) and driver actions (throttle position) before selecting a gear. The result is **smoother shifts and improved performance and fuel economy**.

Following are four features of the transmission:

1. **The ECT Power Button** has "Normal" and "Power" modes which allow the driver to choose between a sportier feel (stays in lower gears longer and downshifts more readily) or maximum fuel economy (upshifts sooner and downshifts less readily).
2. **Overdrive 4th Gear** reduces engine rpm at highway speeds which helps provide quieter driving and increased fuel economy.
3. **The Overdrive-Off Switch** on the shifter locks out the overdrive 4th gear. This helps prevent "gear hunting" when driving up a steep grade and helps add engine braking when driving downhill.
4. **The Electronic Control Unit** momentarily retards ignition timing and electronically disengages the transmission during gear changes. This helps the transmission provide smoother shifts and better performance.

*Note: A 3-speed automatic is available on the standard model.*



- 2 Optional on DX. Not available on standard model  
3 Rear only on the standard model  
4 Standard on DX. Optional on standard model

## Front-Wheel Drive

All Corolla models are front-wheel drive. This drivetrain layout **helps provide better traction because the car is being pulled forward by the front wheels** rather than pushed forward by a traditional rear-wheel-drive configuration. Additionally, traction is improved because the engine is placed over the front wheels.

## Chassis

### 4-Wheel Independent MacPherson Strut Suspension

The MacPherson Strut suspension uses replaceable cartridges that **allow generous wheel travel over rough roads**. The four-wheel independent suspension helps each wheel to step over road imperfections without affecting the others. This combination **helps provide a smooth ride and enhances handling and stability, especially in corners and over rough roads**.

### Front and Rear Stabilizer Bars<sup>3</sup>

These suspension components **help reduce body roll (or leaning) while cornering**. They **help provide Corolla greater vehicle stability and driver control during cornering**.

### Power-Assisted Rack-and-Pinion Steering<sup>4</sup>

Rack-and-pinion steering is a precise steering system that **offers quick response to driver inputs, and gives good road feel through the wheel**. The power-assist helps provide a low steering effort, especially during slow-speed maneuvers.

### All-Season Steel Belted Radial Tires

The standard P175/65R14 (standard models) and P185/65R14 (DX models) tires **help provide excellent traction** in varied weather conditions.



# Features and Benefits

## Comfort and Convenience



### KEY FEATURES

Standard 3-Way Adjustable Front Bucket Seats

Standard 60/40 Split-Folding Rear Seat

Noise and Vibration Reduction

Spacious Trunk

### BENEFITS

**Provide excellent comfort and help reduce driver fatigue on long trips.**

**Provides excellent cargo carrying capability and passenger seating options, and allows access to trunk through rear seat.**

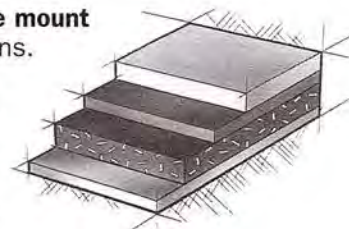
**Corolla engineers have incorporated a dash silencer, two-piece oil pan (1.8-L), damping steel, fluid-filled engine mount and foam rubber insulation to help reduce noise and vibration in the passenger cabin.**

**Corolla's fully-lined trunk has 12.7 cubic feet of cargo space with the rear seats up.**

### Noise and Vibration Reduction

The Corolla has many features that help reduce noise and vibrations in the passenger cabin. Here are six important items:

1. A **felt dash silencer** helps keep out powertrain noise.
2. A **two-piece oil pan** (1.8-L engine only) with a baffle plate that rigidly connects the engine and transmission and acts as a stiffener plate to help reduce vibration.
3. **Vibration damping steel** that is applied to the bulkhead and rear wheel wells to reduce vibrations and help absorb engine and road noise.
4. **Fluid-filled engine mount** dampens vibrations.
5. **Asphalt sheets** are strategically placed in the floor panels for noise reduction.
6. **Foam rubber insulators** are placed and injected behind interior trim to help reduce noise, squeaks, and rattles.



### Adjustable Front Bucket Seats

The Corolla DX features **standard 3-way adjustable front seats that provide excellent comfort and flexible accommodations.** Adjustments include slide, recline, and head restraint height.

### Standard 60/40 Split-Folding Rear Seat with Security Locks<sup>1</sup>

The rear seats fold down to **increase the size of the trunk, or one can be folded while the other remains up to accommodate passengers.** Additionally, **there are security locks** on the seatbacks which are part of the valet trunk-locking system. This means large items can be carried more securely, and the trunk can be accessed from inside the vehicle.

### Optional Child Restraint System (CRS)

Corolla DX sedan gets an optional built-in child safety seat that **allows parents the convenience of buckling up their child without needing an additional car seat.** Customers will also appreciate the flexibility of folding the child seat back into the rear seatback when not in use.



Corolla DX sedan's optional Child Restraint System (CRS)

<sup>1</sup> Not available on STD sedan



# Features and Benefits



## Spacious Trunk

The Corolla Sedan has **12.7 cubic feet of cargo space with the rear seats up. And, the trunk is fully lined.** The sedan features a low trunk lift over height and a 90 degree opening for easy cargo handling.



## Remote Fuel Lid and Trunk Releases and Valet Locking System

Corolla Sedan drivers can **conveniently open the fuel door or trunk lid from their seats.** They can also enjoy the security that comes with a valet key that will only unlock the doors and operate the ignition — but won't unlock the trunk and glove box.

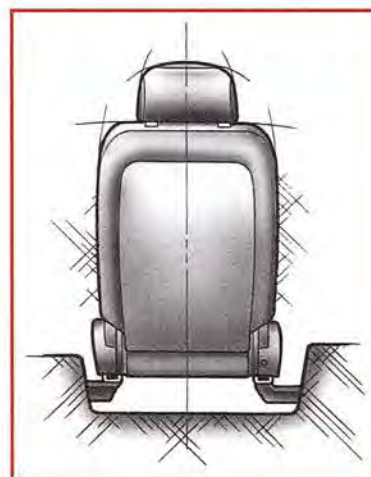
## Adjustable Shoulder Belt Anchors<sup>2</sup>

The Corolla shoulder belt anchors can be adjusted to "custom-fit" the belts to the size of the occupants. This **allows individual drivers and passengers to position where the belt crosses the shoulder and chest to enhance occupant comfort.**

## Standard Convenience Features on Corolla DX

- **Dual door map pockets** for storage.
- **Digital quartz clock** that is easy to read.
- **Dual cup holder** for convenience.
- **Intermittent windshield wipers** to help clear mist and rain.
- **Rear cargo light** for nighttime use.
- **Rear-window defogger** to help visibility.

2 Driver and front passenger only



*Corolla has side-mounted front seat tracks*

## Spacious Room for Five

Although considered a compact class vehicle, **Corolla has room to carry five people in comfort** through efficient use of space. Back seat passengers enjoy more foot and leg room because the **front seat tracks are side-mounted.**





# Features and Benefits

## Styling



### KEY FEATURES

Modern Exterior Design

Impact Absorbing Color-Keyed Bumpers

Close-Fit Body Panels

Excellent Ergonomics

### BENEFITS

Corolla's styling is both modern and aerodynamic, helping it to "stand out" from its competition.

Corolla's bumpers match the body color of the vehicle and blend into the fenders for a clean, aerodynamic look.

Tight tolerances between body panels help provide the Corolla with an almost seamless look and reduced wind noise.

All instruments can be read easily, and driver controls are reached with ease.

### Flush-Mounted Glass with Black-Out Windshield and Roof Drip Moldings

Flush-mounted glass helps reduce wind noise and aerodynamic drag. Combined with the black-out windshield moldings, it also enhances Corolla's contemporary look.

### Close-Fit Body Panels

Tight tolerances between body panels help provide the Corolla with reduced wind noise and an almost seamless look.



### Bodyside Moldings

The Corolla DX has standard black bodyside moldings that help provide protection against dents and dings. The bodyside moldings are available as an option on the standard model.

## Exterior

### Sleek, Upscale Style with Low Aerodynamic Drag

Corolla features a modern design with subtle lines that accent a strong character. The aerodynamic halogen headlamps help provide a smooth air flow around the front end that helps reduce wind noise and provides a contemporary appearance.



Front end design

### Impact-Absorbing Color-Keyed Bumpers

The first line of protection in a frontal accident, the Corolla's bumpers match the body color of the vehicle and flow into the fenders for a clean appearance.



Rear end design<sup>1</sup>



## Interior

### Instrument Panel Ergonomics and Appearance

Corolla's ergonomics provide an inviting environment for drivers. Easy-to-read instruments and easily reached controls help reduce driver fatigue.

<sup>1</sup> Reflective rear trunk panel on DX sedan, gray on standard



# Features and Benefits

## Quality/Dependability/Reliability and Value



### KEY FEATURES

Rust Inhibitor Process

Gold-Plated Electrical Connectors

Toyota Warranties

### BENEFITS

A multi-step process helps the body panels to resist rust and maintain their like-new appearance.

Superior electrical conductors that resist corrosion and oxidation.

Stand behind each product we sell.

## Reliability

### Gold-Plated Electrical Connectors

Gold, one of the best electrical conductors, **resists oxidation and corrosion, thus greatly improving reliability.** These expensive terminals are used in vital circuits such as the fuel injection computer, oxygen sensor and air bag sensor.

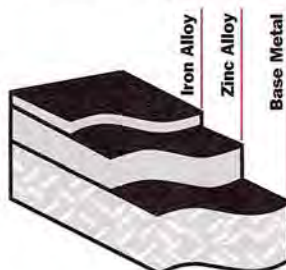
### Electronic Fuel Injection (EFI) System

Corolla's fuel injection system is managed by a sophisticated computer that precisely controls when each injector opens and closes. This **improves startability on cold days, and helps lower emissions and provide better fuel economy.**

## Dependability

### Each Corolla Goes Through An Extensive Rust Inhibitor Process

- Each Corolla starts with **rust-resistant Excelite II steels** coated with a zinc and iron alloy. These are used for most inner and outer body panels. If a small scratch occurs, the Excelite II simply causes the paint to turn white and **helps protect the metal from rusting.**
- The body is fully dipped in a **phosphate bath** to make sure that even **the most inaccessible areas resist rust.**
- A **special wax sealer** is applied to the corners and crevices of the hood, doors and trunk lid to help protect rust-prone areas.
- Anti-chip paint** is applied to the front edge of the hood, the lower door panels, and rocker panels to **help protect these areas from stone chips and other minor debris** thrown from the tires. A **lower door molding** also helps protect the lower door from the same.



Rust-resistant body panels

### Warranty

Toyota stands behind every Corolla with a comprehensive limited warranty:

- 3 years or 36,000 miles (whichever comes first) of **basic coverage.**
- 5 years or 60,000 miles (whichever comes first) of **powertrain coverage.**
- 5 years unlimited mileage of **corrosion coverage.**

Toyota dealers have the complete details on warranty coverage.



# Features and Benefits



## Value

### IntelliChoice Value Accolades<sup>1</sup>

IntelliChoice is an independent company that publishes The Complete Car Cost Guide. This publication, available in many libraries, reports, analyzes and rates cost of ownership data. They provided the following assessments of the Corolla:

#### COROLLA DX SEDAN:



**A BEST OVERALL VALUE among compact sedans costing less than \$17,000.**

#### Projected Repair Costs

- Rating: Excellent
- For all Corollas, over 5 years

#### Projected Depreciation

- Rating: Excellent
- For all Corollas, over 5 years

#### Projected Ownership Cost Savings vs Average

- |                    |          |
|--------------------|----------|
| • Corolla Sedan    | \$ 475*  |
| • Corolla DX Sedan | \$1,321* |

\* Approximate savings based on annual mileage of 14,000 miles for 5 year ownership period.

<sup>1</sup> From the 1996 edition of The Complete Car Cost Guide™, Copyright 1996 IntelliChoice, Inc.®, Campbell, CA.  
Internet Address <http://www.intellichoice.com>



**Air Bags, Dual (SRS)**

In vehicles equipped with an air bag Supplemental Restraint System (SRS), the air bag inflates with nitrogen gas within milliseconds to help limit the motion of the driver's head and upper torso to help prevent injury in a severe frontal impact. This system supplements, but does not replace, the 3-point seatbelt system, which provides primary protection. The air bag is not intended to operate during an impact other than a severe frontal impact, in which case the 3-point system is the only personal protection. In a severe frontal impact, sensors located on both the left and right front fenders, as well as the center main sensor, sense the impact and activate the air bag system. The air bag, which emerges from the steering wheel pad, deflates within a few tenths of a second.

The passenger-side air bag is usually incorporated into the top part of the passenger-side instrument panel. This air bag emerges from an air bag module that can usually be replaced without replacing the entire instrument panel. This bag is slightly larger than the driver-side air bag and is also designed to limit the movement of the passenger's head and torso in case of a severe frontal impact.

**Automatic Transmission Shift Lock**

This safety device requires that the ignition is on and the brake pedal is depressed before the transmission lever can be moved into gear. This feature helps prevent the transmission from being put into "Drive" or "Reverse" and as a result cause inadvertent acceleration.

**Axle Ratio**

The number of times the driveshaft rotates to turn the axle shaft one rotation. For example, if the driveshaft gear had 10 teeth and the axle shaft gear had 30 teeth, the driveshaft gear would have to turn three times to turn the axle shaft gear once. This translates to a ratio of three-to-one (3:1).

**Brake Caliper**

The disc brake component that straddles the rotor and houses the piston, cylinder and brake pads. The piston movement pushes the pad against the rotor to slow or stop the vehicle.

**CFC-Free Air Conditioning**

Vehicle air conditioning system that uses R-134a refrigerant instead of CFC-based chemicals (usually known as Freon).

**Clutch Start Switch**

This device in manual transmission equipped vehicles prevents the vehicle's starter motor from engaging unless the clutch is depressed. This helps prevent the vehicle from starting while in gear.

**Compression Ratio**

A measurement of how tightly the air-fuel mixture is compressed or squeezed within the cylinder by the piston. This can be determined by taking the total volume of the cylinder when the piston is at its lowest point (Bottom Dead Center, or BDC) and dividing it by the volume when the piston is at its highest point (Top Dead Center, or TDC). In general, higher compression ratios yield greater power.

**Crumple Zones**

These exist at the front and rear of a Corolla to help absorb the impact of a collision. These pre-stressed areas in the fender, hood, frame and related body components are designed to deform in a predetermined manner during a collision. Their purpose is to help lessen the force the impact transfers to the passenger compartment. In essence, the crumple zone of a vehicle is sacrificed to help protect the occupants.

**Double Overhead Cam (DOHC)**

An engine configuration with two overhead camshafts per row of cylinders. One camshaft operates the intake valves and the other operates the exhaust valves. This is the usual arrangement in engines with multi-valve cylinder heads. Compared to single overhead cam designs, the direct drive used in all Toyota DOHC engines requires fewer moving parts. It eliminates the rocker arm needed to activate the valves, thus improving efficiency and reducing vibration and noise. Compared to push-rod overhead valve (OHV) engines, which use an arrangement by which the camshaft is located in the engine block and opens the valves via long push-rods and rocker arms, it eliminates the need for both of these components. With fewer moving parts, there is less inertia. So, an overhead cam engine can run at a higher speed and produce more power than a comparably sized push-rod engine.

**Electronic Fuel Injection (EFI)**

A system that injects fuel into the cylinders that is timed and metered by an electronic control unit.

**ELR/ALR 3-Point Seatbelts**

The ELR (Emergency Locking Retractor) allows the driver seatbelt to extend and retract with occupant movement, yet locks the belt during a sudden stop or upon impact. The ALR (Automatic Locking Retractor) makes it possible to secure a child seat without using a seatbelt locking clip. To activate the ALR retractor, pull the shoulder belt all the way out, then allow it to retract to the desired length. Press down firmly on the child seat as the belt retracts to buckle the child seat securely in place. The ALR retractor is deactivated by unbuckling the belt and allowing it to retract fully. Never place a rearward facing child seat in the front passenger seat. See the owner's manual for child seat usage.



# Glossary

**Halogen Headlamps**

Headlamps with special bulbs that provide brighter illumination than conventional bulbs, yet last longer and use less energy. They get their name from the halogen gas inside the bulb.

**Horsepower**

The measurement of the ability to do work over time. One horsepower is the amount of energy needed to raise 33,000 pounds a distance of one foot in one minute. Simply put, it is the engine performance rating that helps an engine maintain and maximize vehicle speeds.

**Hydraulic Shift Pressure**

Automatic transmissions operate by fluid pressures to engage and disengage the transmission's gears from the engine.

**Independent Suspension**

Each wheel of an independent suspension is sprung separately so that a bump affecting one does not affect the others.

**Overdrive Transmission**

Overdrive provides a final drive ratio of less than 1:1. This allows the engine to operate at lower rpm at highway cruising speed and provides greater fuel economy, quieter operation, and less wear and tear on the engine. It also helps a vehicle maximize top end speed.

**Passenger Window Lock-Out System**

When used, this optional system disables the passenger windows from being operated by anyone except the driver.

**Rack-and-Pinion Steering**

Consists of a round pinion gear attached to the steering shaft, and a flat bar with gear teeth cut into it, called the rack. The rack and pinion mesh at a point between the front wheels. As the steering wheel is turned, the shaft from the steering column turns the pinion gear, forcing the rack either right or left along a horizontal plane. The rack is linked to the wheels via tie rods, which push and pull the wheels to steer them. In general, rack-and-pinion steering is precise and responsive.

**Safety Glass (Laminated)**

Used in Corolla windshields, it consists of two glass panes bonded together with a sheet of plastic sandwiched in between. This helps keep the glass together during an impact, reducing injuries from sharp edges.

**Safety Glass (Tempered)**

This heat-treated glass used in side and rear windows breaks into small blunt pieces when broken.

**Safing Sensor**

A sensor in a vehicle's air bag system designed to prevent inadvertent deployment.

**Side-Door Beams**

Required in all passenger cars by the Federal Government, these are steel beams inside the door that deflect certain types of side impacts. They help protect passengers from intrusion in certain types of side collisions.

**Torque**

A force in a twisting motion. In an engine, torque is the twisting motion at the crankshaft measured in foot-pounds (lb-ft). One foot-pound is the force of one pound acting at right angles at the end of an arm one foot long. Simply stated, torque is the engine power that gets a vehicle to speed — felt especially at off-line take-off and during acceleration.

**Toyota Vehicle Intrusion Protection (V.I.P.)**

This is an optional break-in alarm that flashes the headlamps and taillamps and sounds the horn when a secured Corolla is broken into. It also disables the starter if someone forcefully enters the car. The system is automatically armed by removing the ignition key from the ignition.

**Twin-Cam Engine**

See Double Overhead Cam (DOHC)

**Two-Turn Door Locks**

This option provides safety by unlocking the driver's door only when the key is inserted and turned once. A second turn unlocks the passenger door.

**Valet Trunk Locking System**

A locking system with two different keys. One key can only open the doors and operate the ignition. The second key opens all locks, including those for the glove box and trunk or rear hatch, and operates the ignition. The purpose is to provide a valet with a key that operates the ignition, but does not unlock the storage compartments. On cars with folding seatbacks, this locking system also includes special seat latches to help keep the contents of the trunk or hatch secure.

**Ventilated Front Disc Brakes**

Vents in the brake rotors allow cooling air to pass through the hot discs. This helps reduce heat build-up and lessens the chance of the brakes fading, glazing or warping.

# **N**otes

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Any EPA fuel economy figures included in this publication are estimates to be compared with "estimated mpg" of other vehicles. Drivers may get different mileage depending on the speed they drive, weather conditions, trip length, condition of the vehicle and vehicle equipment. Mileage in actual driving will probably be less than EPA estimated fuel economy for highway driving.

RETAIL DEVELOPMENT  
M/N 00623-97001-B





INTERIOR  
TRIM

COROLLA

EXTERIOR	CODE	INTERIOR	CODE	STD CLOTH	DX CLOTH
Super White	(040)	Oak	(46)	■	■
		Blue	(86)	■	■
Satin Black Metallic	(205)	Gray	(16)	■	■
		Oak	(46)	■	■
Super Red	(3E5)	Gray	(16)	■	■
		Oak	(46)	■	■
Sunfire Red Pearl	(3K4)	Gray	(16)	■	■
		Oak	(46)	■	■
Cashmere Beige Metallic	(4M9)	Oak	(46)	■	■
Dark Emerald Pearl	(6M1)	Gray	(16)	■	■
		Oak	(46)	■	■
Bright Ivy Pearl*	(6P5)	Gray	(16)	■	■
		Oak	(46)	■	■
Brilliant Blue Pearl	(8K8)	Gray	(16)	■	■
		Blue	(86)	■	■
Misty Plum Metallic*	(932)	Gray	(16)	■	■

Notes:

\*New for 1997

STD

DX







1 9 9 7  
EXTERIOR  
COLORS



COROLLA

Super White (040)



Satin Black Metallic (205)



Super Red (3E5)



Sunfire Red Pearl (3K4)



Cashmere Beige Metallic (4M9)



Dark Emerald Pearl (6M1)



Bright Ivy Pearl\* (6P5)



Brilliant Blue Pearl (8K8)



Misty Plum Metallic\* (932)

Notes:

\*New for 1997

