

# **TOYOTA 1982 NEW MODEL HIGHLIGHTS**

TOYOTA MOTOR SALES, U.S.A., INC.  
2055 W. 190TH STREET  
TORRANCE, CA 90504

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# TOYOTA

## Product Information

### CELICA

#### CELICA MODEL LINEUP

1981 & 1982

2-Dr. ST Sport Coupe

2-Dr. GT Sport Coupe

3-Dr. GT Liftback

#### TRANSMISSION:

5SM, Delete 4SA

4SA, 5SM

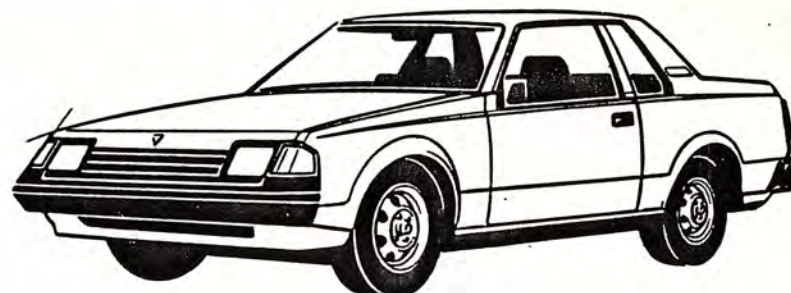
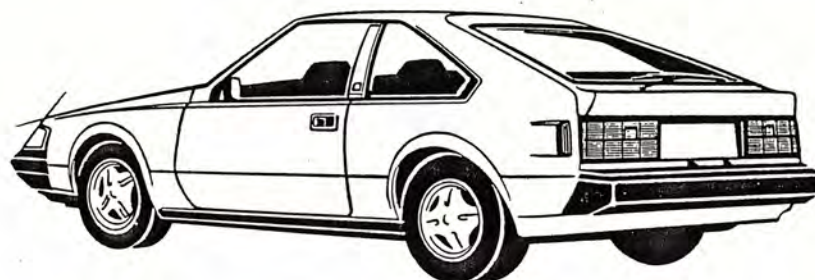
4SA, 5SM

The all new Celica line features advanced styling, good performance, fuel economy, and many standard features in a well-balanced package. New options for 1982 will offer the Celica feeling in either sporty or personal luxury themes.

#### MAJOR ADDITIONS/CHANGES

##### Exterior

- New wedge-shape Coupe and Liftback body shell on a 98.4 inch wheelbase. Aerodynamic drag coefficients (Cd) of 0.342 for the Liftback and 0.38 for the Sport Coupe are the lowest of any Japanese production car.



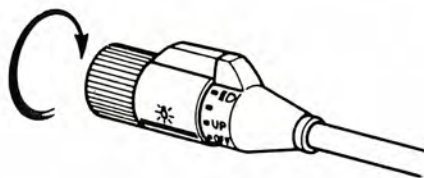
- Comparative dimensions (in inches) show how the Celica body has changed for 1982:

Exterior Dimensions	1982 Celica		1981 Celica	
	Liftback(Change)	Sport Coupe(Change)	Liftback	Sport Coupe
Wheelbase	98.4 (0)	98.4 (0)	98.4	98.4
Overall Length	176.6 (+0.4)	176.2 (+0.6)	176.2	175.6
Overall Width	65.6 (+1.0)	65.6 (+1.0)	64.6	64.6
Overall Height	52.0 (+1.4)	52.0 (+1.2)	50.6	50.8


### CELICA - (Continued)

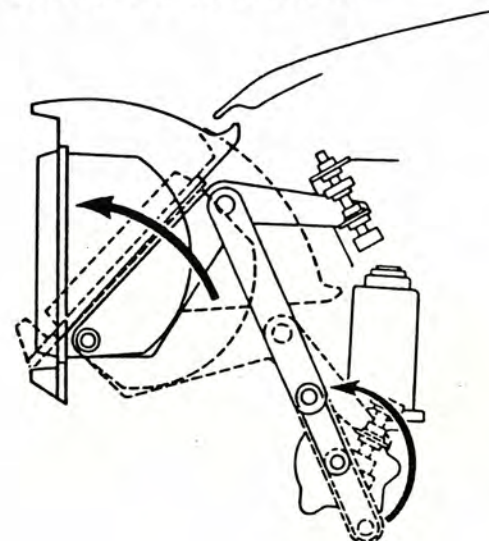
#### Exterior (Continued)

- Retractable headlamps (rock-forward type) give contemporary styling and allow a lower hoodline for decreased aerodynamic drag. Halogen Hi/Low beams will be standard on all GT Celicas.



#### Switch Position

- 1) - OFF
- 2) - UP
- 3) -
- 4) - 



- Semi-concealed windshield wipers are faired-in by the back edge of the hood to decrease aerodynamic drag.
- The optional rear glass wiper on Celica Liftback is fitted with an intermittent control feature to aid driver visibility during light rain or foggy weather conditions.
- New wider body side protective molding for GT Celicas adds extra protection.
- Color-keyed front bumper gives totally integrated front end appearance (soft nose type). Rear bumper is black urethane.

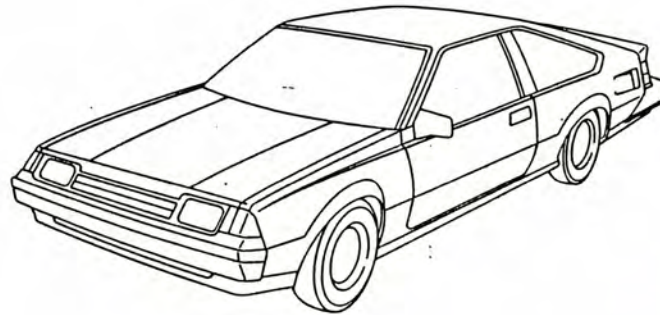
*(urethane)*



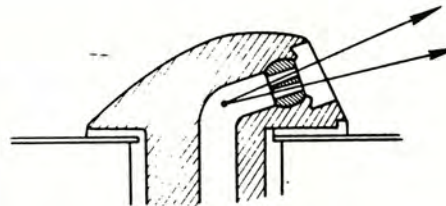
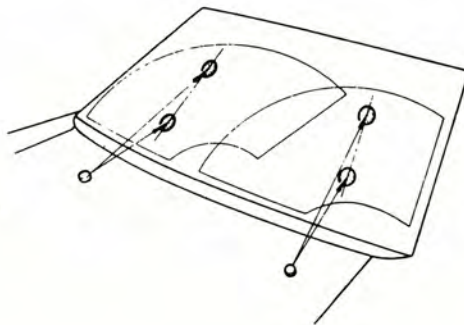
### CELICA - (Continued)

#### Exterior (Continued)

- Celica Liftback features an integrated rear deck spoiler.



- Outside mirrors are integrated into the door frame for improved aerodynamics, and the fixed enclosure prevents accidental misadjustment in parking lots and car washes.
  - ST = Single Mirror
  - GT = Dual Mirror with Power Remote Control
- New Twin Stream Windshield Washer System increases the effectiveness of the Celica wiper system.



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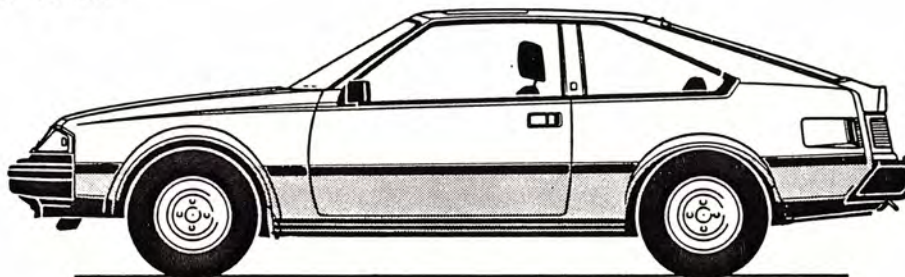
## Product Information

### CELICA - (Continued)

#### Exterior (Continued)

- A Two-Tone Package is available on Celica GTs and will feature:

- Two-Tone Paint



- Aluminum Alloy Wheels



- 185/70 SR14 Raised White Letter Tires



*aluminum tires  
w/ off color lower*



### CELICA - (Continued)

#### Exterior (Continued)

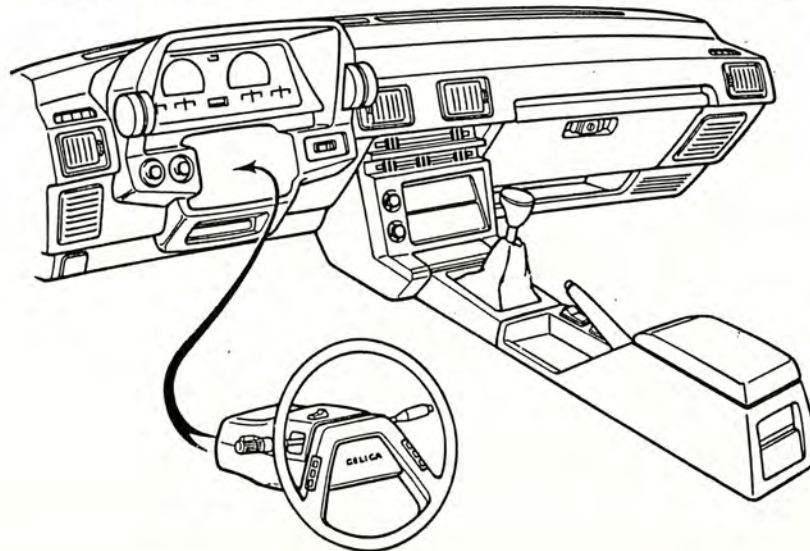
- A new aluminum alloy wheel option for Celica GTs includes P185/75 SR14 Michelin tires (except with Two-Tone Package).



- A unique feature of all Celica GT Sport Coupes is the ability to disconnect the remote trunk release. To insure added security, the release may be temporarily bypassed by inserting the key in the trunk lock cylinder and rotating it counter-clockwise 90 degrees.
- Celica ST wheel trim has been upgraded with a new partial wheel cover and styled steel wheels.

#### Interior

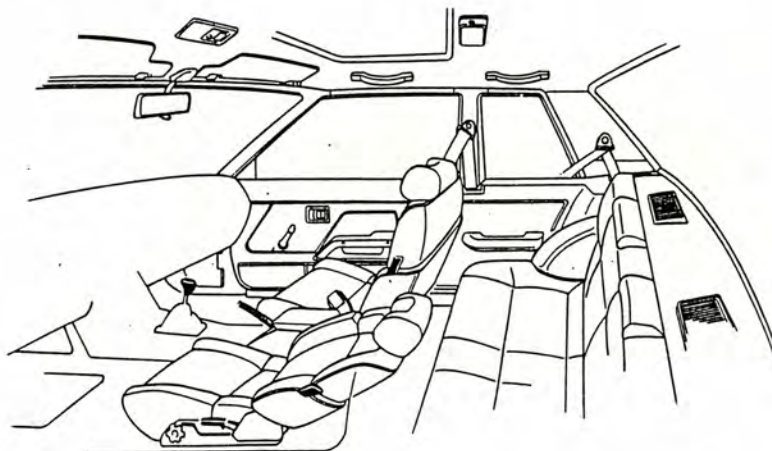
- The Celica instrument panel features new easy-to-read gauges and fingertip controls for most functions.



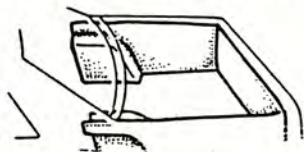
### CELICA - (Continued)

#### Interior (Continued)

- The new Celica interior is a totally integrated design featuring:
  - Easy to read instrumentation
  - Color accenting in continuous bands for increased visual size
  - New sporty design knitted vinyl seats standard in ST and available in GT models
  - New cloth seats for GTs
  - New longer armrests with integrated storage panel
  - New 2-spoke steering wheel design



- More front legroom than any other Toyota model (except Supra).
- Full interior trim for the trunk floor, and sides is standard on the GT Sport Coupe.



- A left-side footrest is standard on all Celicas.

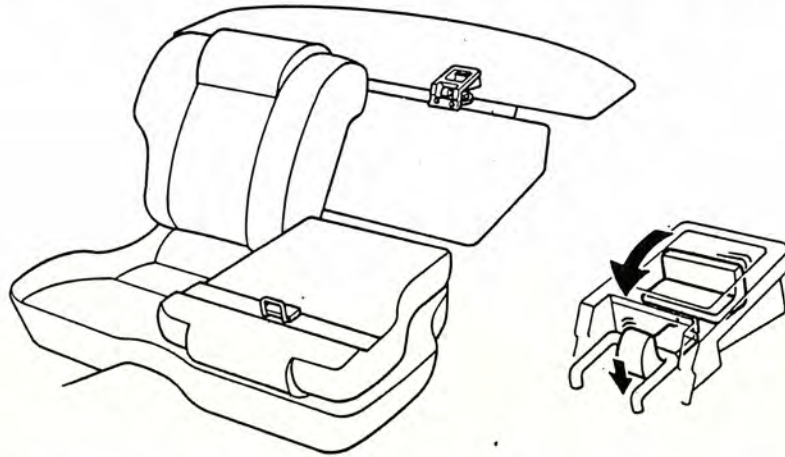
3/11  
4/11  
more interior



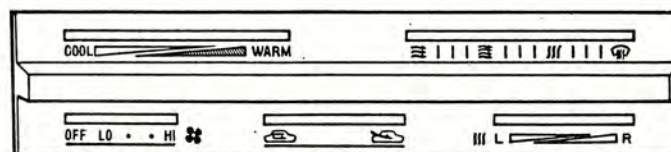
### CELICA - (Continued)

#### Interior (Continued)

- Expandable trunk feature added to GT Sport Coupe allows access to the trunk through the split-folding rear seat.



- The sunroof option in Celica GTs features a motorized sliding steel panel with added map lights in the overhead panel.
- Automatic locking seat belt retractor fitted on outboard rear seats to simplify installation of child restraint seats.
- Electronic AM/FM/MPX 5-speaker radio standard on GTs.
  - A new AM/FM/MPX radio, cassette, amp/equalizer combination is optional on GTs.
- The climate control system of the 1982 Celica sports a new left-to-right balance control for directing warm or cool air output to either side of the car. Additional vents have been added under both the steering wheel and the glove box to further enhance the effectiveness of this system.



↑ Left-Right adjust

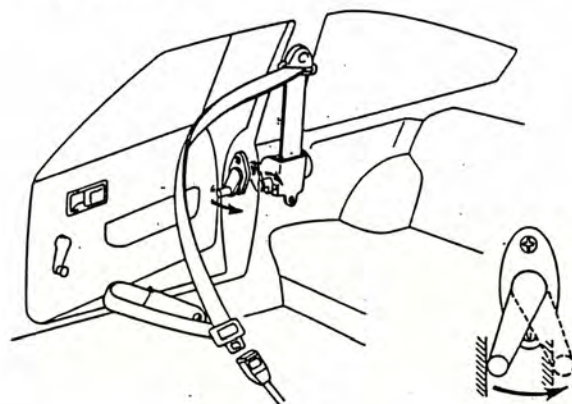
35/65 or not



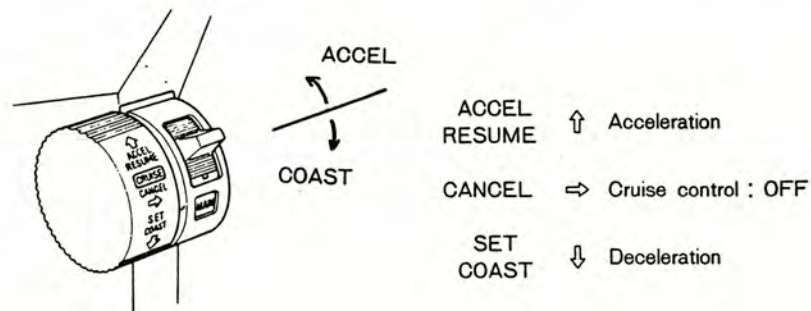
### CELICA - (Continued)

#### Interior (Continued)

- Tinted glass with a shaded upper band decreases glare and keeps the new Celicas cooler.
- A unique seat belt tensioner helps draw the seat belt away from both the driver and the front seat passenger when the doors are opened.



- Celica GT models are complimented by a full-length center console with a padded armrest.
- New optional cruise control features a 3-way fingertip control switch located on the dash pad to the left of the instrument cluster. This convenient location allows the Celica driver to operate the cruise control without moving his hand from the steering wheel.

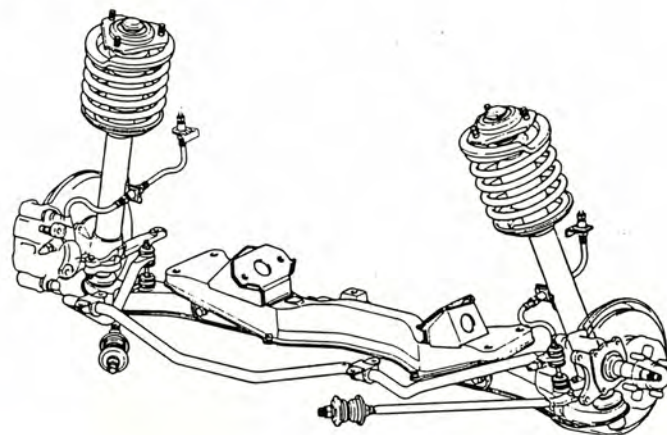




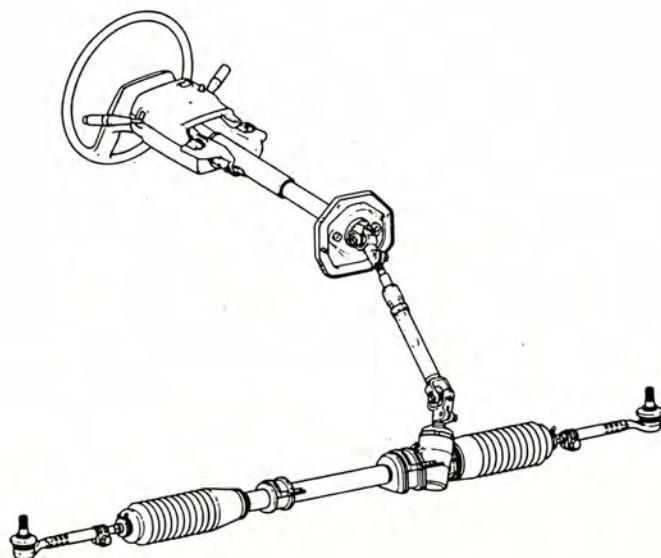
CELICA \_ (Continued)

### Mechanical

- Revised front suspension geometry with increased tread width (up 1.8 inches from 1981) to increase the handling balance of the new Celica.



- Rack and pinion steering with only 3.8 turns lock to lock, provides precise tracking in a highly responsive system which allows the driver excellent road surface feedback. The optional power steering unit will also be based on the rack and pinion gear system.

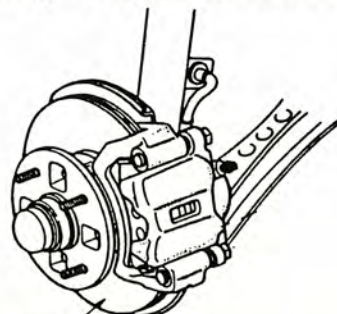




### CELICA - (Continued)

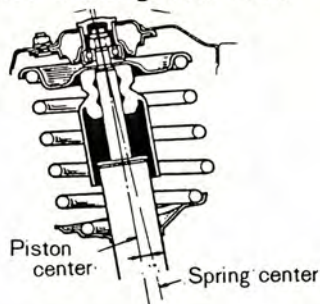
#### Mechanical (Continued)

- Ventilated front disc brakes with metallic pads. Vented rotors provide improved heat dissipation during continuous or heavy usage to provide excellent resistance to fade.



Ventilated disc

- A non co-axial (offset) front coil spring has been adopted to reduce shock absorber friction. This results in improved riding comfort.



- The new-for-1981 22R, 2.4L engine will be used in the new Celica. Major specifications of this power-plant are listed below:

Engine Designation: 22R  
Displacement: 2.4L (2366 cc)  
Bore & Stroke, in.(mm.): 3.62 (92) x 3.50 (89)

Maximum Horsepower: 96 @ 4800 RPM  
Maximum Torque (ft.-lbs.): 129 @ 2800 RPM  
Compression Ratio: 9.0:1



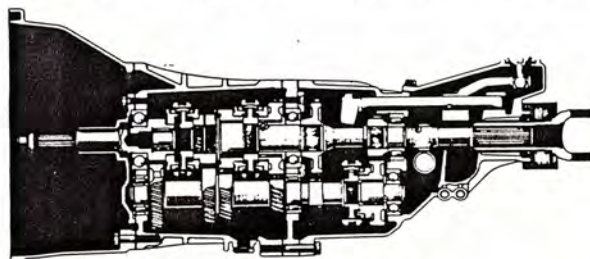
# TOYOTA

## Product Information

### CELICA - (Continued)

- The new W58 5-speed overdrive transmission will be standard in all Celicas. New gear ratios and a lightweight aluminum alloy gear case contribute to this transmission's increased efficiency.

			<u>Gear Ratio Comparison</u>					
			<u>First</u>	<u>Second</u>	<u>Third</u>	<u>Fourth</u>	<u>Fifth</u>	<u>Reverse</u>
1982	W58	5SM	3.286	1.894	1.276	1.000	0.783	3.769
1981	W55	5SM	3.567	2.056	1.385	1.000	0.850	4.093



### Options (Factory-Installed)

- Black Package (GT)
- Two-Tone Package (GT)
- Power Steering
- Sunroof (Motorized)
- Air Conditioning
- Cruise Control (GT)
- Rear Wiper (Liftback)
- Alloy Wheels (GT)
- Knit Vinyl Seats (GT)
- Electronic AM/FM/MPX, Equalizer/Amp., Cassette (GT)
- AM/FM/MPX Radio (ST)

### Key Features/Attributes

- Advanced styling (better aerodynamics than any other Japanese car).
- Balanced package (fuel economy, performance, features, price).
- Mechanical features (rack and pinion steering, 22R engine, 4-speed automatic).

# TOYOTA

## Product Information

### TOYOTA CELICA COMPARATIVE SPECIFICATIONS\*

	1982 Celica		1981 Celica	
<u>DIMENSIONS &amp; WEIGHTS:</u>	<u>Liftback (change)</u>	<u>Sport Coupe (Change)</u>	<u>Liftback</u>	<u>Sport Coupe</u>
Wheelbase	98.4 (0)	98.4 (0)	98.4	98.4
Overall Length	176.6 (+0.4)	176.2 (+0.6)	176.2	175.6
Overall Width	65.6 (+1.0)	65.6 (+1.0)	64.6	64.6
Overall Height	52.0 (+1.4)	52.0 (+1.2)	50.6	50.8
Curb Weight (GT 5-speed)	2533 lbs. (-108)	2513 lbs. (-97)	2641 lbs.	2610 lbs.
(GT 4-speed autom)	2559 lbs. (- 97)	2533 lbs. (-92)	2656 lbs.	2625 lbs.
Tread (front)	54.9 (+1.8)	54.9 (+1.8)	53.1	53.1
(rear)	53.7 (0)	53.7 (0)	53.7	53.7
Front leg room	43.0 (+1.8)	43.0 (+1.8)	41.2	41.2
Headroom (front)	37.4 (+0.3)	37.4 (+0.2)	31.7	37.2
(rear)	35.6 (-1.4)	37.0 (-0.3)	37.0	37.3
<u>ENGINE:</u>				
Type	2.4L SOHC	2.4 L SOHC	2.4L SOHC	2.4L SOHC
Displacement	2366 cc	2366 cc	2366 cc	2366 cc
Compression Ratio	9.0:1	9.0:1	9.0:1	9.0:1
Horsepower @ RPM	96 @ 4800	96 @ 4800	96 @ 4800	96 @ 4800
Torque (ft-lbs) @ RPM	129 @ 2800	129 @ 2800	129 @ 2800	129 @ 2800
<u>SUSPENSION:</u>				
Front:	MacPherson Strut w/stabilizer bar		MacPherson Strut w/stabilizer bar	
(Caster Angle)	3°30' (+1°45')		1°45' 1°45'	
Rear:	Live Axle, 4-link, Coil Springs		Live Axle, 4-link, Coil Springs	
<u>STEERING:</u>				
Type System	Rack and Pinion variable boost		Recirculating Ball (power assist	
	(power assist optional)		optional)	
Gear Ratio	21.4	21.4	19-22.5:1	19-22.5:1
With power assist	17.4	17.4	19.1	19.1
Wheel Turns, Lock to Lock	3.8	3.8	3.8	3.8
With power assist	3.1	3.1	3.4	3.4
Turning Radius (ft)	32.8		32.8	

\*Dimensions in inches unless noted



# TOYOTA

## Product Information

### TOYOTA CELICA COMPARATIVE SPECIFICATIONS

#### 1982 Celica

#### 1981 Celica

#### Liftback (Change)

#### Sport Coupe (Change)

#### Liftback

#### Sport Coupe

#### DRIVETRAIN:

Transmission  
(5-speed manual)

Revised gear ratios, aluminum case  
1st: 3.286; 2nd 1.894; 3rd 1.276;  
4th 1.000; 5th 0.783; Reverse 3.769

1st: 3.567; 2nd 2.056; 3rd 1.385  
4th 1.000; 5th 0.850; Reverse 4.093

#### BRAKES:

Front  
Rear

Vented Disc  
Rear Drum

Vented Disc  
Rear Drum

Solid Disc  
Rear Drum

Solid Disc  
Rear Drum

#### ADDITIONAL HIGHLIGHTS:

Headlights

Rock Forward System

Exposed

Fuel Capacity

16.1 gal. (0)

16.1 gal. (0)

16.1 gal.

16.1 gal.