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TERCEL

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

New Models

- 2-Door CE (1307, 1308)
- 4-Door CE (1327, 1328)

Deleted Models

- 2-Door STD (1301, 1302)
- 2-Door DX (1315, 1316)
- 4-Door DX (1325, 1326)

All Models

- New interior fabric
- Standard cloth seats
- Improved door trim panels
- New rotary type heater controls
- Passenger-side seat back pocket
- Larger wheels and tires
- Full wheel covers standard
- New wheel cover design
- New bumper protection moldings
- 1.5-L engine has been revised to meet emission requirements

- Front stabilizer bar
- New Shadow Gray interior color
- New exterior colors
 - Coral Rose Pearl (3L9)
 - Meadow Green Pearl (6P6)
 - Orchid Blue Pearl (8K1)
 - Blue Velvet Pearl (8L3)
- Deleted exterior colors
 - Satin Black (205)
 - Ruby Pearl (3L3)
 - Wild Mint Metallic (6N8)
 - Nightshadow Pearl (8K0)
- New CE badging

2-Door Models

- Dual fixed black mirrors
- Tripmeter
- Slide out dual cup holder

Body Styles and Trim Levels

Body Style	Trim Level	Trans.	Displacement	Cyl.	bhp	Model #
2-Door Sedan	CE	5M	1.5 liter	4	93	1307
	CE	3A	1.5 liter	4	93	1308
4-Door Sedan	CE	5M	1.5 liter	4	93	1327
	CE	4A	1.5 liter	4	93	1328

S tandard Features

Tercel 2-Door CE Sedan

Mechanical

- 1.5-liter 4-cylinder DOHC* 16-valve EFI engine (50 state emissions)
- Distributorless ignition
- Knock Control System (KCS)
- Engine block heater
- Front-wheel drive
- 5-speed manual transmission
- Independent MacPherson strut front suspension with stabilizer bar
- Trailing torsion beam rear suspension with 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
- Vibration-damping steel
- Asphalt sheets
- Cowl noise control plates

Exterior

- Aero-style halogen headlamps with lights-on warning buzzer
- Color-keyed front grille
- Scratch-resistant argent-colored bumpers with black protective moldings
- Dual fixed black mirrors
- Black-out windshield and roof drip moldings
- Black door handles with integrated keyholes
- Anti-chip urethane coating (front of hood and rocker panels)
- Black-out wheel wells
- Full wheel covers
- Locking fuel lid door
- 90° trunk angle opening with low lift over height
- Center High-Mount Stop Lamp (CHMSL)
- CE badging

Interior

- 2-way adjustable, high-back front bucket seats with closed head restraints (slide, recline)
- Fixed contoured rear seat
- Cloth seat material and door trim with armrests
- Front-door map pocket
- Passenger-side seat back pocket
- Rear-quarter storage pockets



Model shown may have optional equipment

- Steering wheel (4-spoke)
- Vinyl sun visors (2)
- Glove box and dash storage box
- Assist grip: -1 passenger-side
- Slide out dual cup holder
- Driver-side footrest
- Day/night rearview mirror
- Full carpeting
- Instrumentation: speedometer, odometer, coolant temperature and fuel level gauges
- Tripmeter
- Warning lights: air bag, door ajar, brake and taillamp bulb failure, oil pressure, check engine, seatbelt disconnect, battery and low fuel level
- Windshield wipers with mist control
- Side-window defoggers
- Dome light
- Cigarette lighter
- Rotary type heater controls

Safety**

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

* Marketed as Twin-Cam

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

S tandard Features

Tercel 4-Door CE Sedan **Differences vs 2-Door CE Sedan**

Exterior

- Black-out door sash

Interior

- See-through front head restraints
- Passenger-side vanity mirror
- Assist grips: -1 passenger side; -2 rear
- Driver- and passenger-side front adjustable shoulder belt anchors

Safety**

- Child-protector rear door locks

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

Standard/Optional Features

Mechanical

	2-Door CE Sedan	4-Door CE Sedan
• California Emissions {CA}	.O	.O
• 48-State Emissions {RE}	.O	.O
• 1.5-liter 4-cylinder DOHC* 16-valve EFI engine	.S	.S
-Distributorless ignition	.S	.S
-Knock Control System (KCS)	.S	.S
-Engine block heater	.A	.A
• Front-wheel drive	.S	.S
• 5-speed manual overdrive transmission	.S	.S
• 3-speed automatic transmission	.O	.NA
• 4-speed automatic overdrive transmission	.NA	.O
• Independent MacPherson strut front suspension with stabilizer bar	.S	.S
• Trailing torsion beam rear suspension with stabilizer bar	.S	.S
• Rack-and-pinion steering	.S	.S
• Power-assisted rack-and-pinion steering {PS}	.O	.O
• Power-assisted ventilated front disc/rear drum brakes	.S	.S
• Anti-lock Brake System (ABS) {AB}	.O ¹	.O ¹
• P175/65R14 All-season steel belted radial tires	.S	.S
• Tire upgrade {TU} (P185/60R14 All-season steel belted radial)	.O	.O
• Temporary spare tire	.S ¹	.S ¹
• Vibration-damping steel	.S	.S
• Asphalt sheets	.S	.S
• Cowl noise control plates	.S	.S
• All-Weather Guard Equipment Package {CK}	.O	.O

Exterior

• Aero-style halogen headlamps with lights-on warning buzzer	.S	.S
• Front-end mask {KM}	.A	.A
• Color-keyed front grille	.S	.S
• Scratch-resistant argent-colored bumpers with black protective moldings	.S	.S
• Color-keyed bumpers {CB}	.O	.O
• Dual fixed black mirrors	.S	.S
• Dual black remote-controlled mirrors	.O ²	.O ²
• Black-out windshield and roof drip moldings	.S	.S
• Black door belt moldings	.NA	.S
• Black-out door sash	.O	.S
• Black door handles with integrated keyholes	.S	.S
• Bodyside moldings {BM}	.O	.O
• Color-keyed door edge guards	.A	.A
• Anti-chip urethane coating (front of hood and rocker panels)	.S	.S
• Black-out wheel wells	.S	.S
• Full wheel covers	.S	.S
• Center ornament wheel cap	.O	.O
• Rear spoiler {RF}	.A	.A
• Wheel locks (steel) {WS}	.A	.A
• Mudguards {MF}	.A	.A
• Locking fuel lid door	.S	.S
• 90° trunk angle opening with low lift over height	.S	.S
• Center High-Mount Stop Lamp (CHMSL)	.S	.S
• CE badging	.S	.S

Legend

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

Notes:

{CK} Includes heavy-duty: battery, starter, alternator with cover, heater with rear heater duct, rear-window defogger with timer, windshield wiper motor, washer tank, and luggage door trim

* Marketed as Twin-Cam

1 Larger temporary spare tire with optional ABS {AB}

2 Included with optional Convenience Package {CQ}

S

Standard/Optional Features

Interior

	2-Door CE Sedan	4-Door CE Sedan
• 2-way adjustable, high-back front bucket seats (slide and recline) with see-through head restraints	.S ³	.S
• Fixed contoured rear seat	.S	.S
• 60/40 split-folding rear seats with security locks	.O ²	.O ²
• Head restraints, rear outboard	.O ⁴	.O ⁴
• Cloth seat material	.S	.S
• Cloth door trim with large armrests	.S	.S
• Map pocket, front-door	.S	.S
• Passenger-side seat back pocket	.S	.S
• Rear-quarter storage pockets	.S	.S
• Steering wheel (4-spoke)	.S	.S
• Vinyl sun visors (2)	.S	.S
• Passenger-side vanity mirror	.NA	.S
• Day/night rearview mirror	.S	.S
• Glove box and dash storage box	.S	.S
• Center console box/armrest {SK}	.A	.A
• Assist grip: -1 passenger side	.S	.NA
• Assist grips: -1 passenger-side, -2 rear	.NA	.S
• Dual cup holder	.S	.S
• Driver-side footrest	.S	.S
• Carpeted floor mats, 4-piece {CF}	.A	.A
• Cargo net {GN}	.A	.A
• Full carpeting	.S	.S
• Fully-lined trunk and trunk deck lid trim	.O ⁵	.O ⁵
• Instrumentation: speedometer, odometer, coolant temperature and fuel level gauges	.S	.S
• Tripmeter	.S	.S
• Warning lights: air bag, door ajar, brake, battery, oil pressure, check engine, seatbelt disconnect; warning buzzers: key-in-ignition and lights-on	.S	.S
• Air conditioning (CFC-free) {AC}/{AX}	.O/A	.O/A
• Heavy-duty heater	.O ⁵	.O ⁵
• Toyota Vehicle Intrusion Protection (V.I.P) {V1}/{V3}	.A	.A
• Keyless Entry system {KE}	.A	.A
• Power windows and door locks	.O ⁶	.O ⁶
• Windshield wipers with mist control	.S	.S
• Intermittent windshield wipers	.O ²	.O ²
• Side-window defoggers	.S	.S
• Rear window defogger {DE}	.O	.O
• Heavy-duty rear-window defogger with timer {DF}	.O ⁵	.O ⁵
• Digital quartz clock {DQ}	.O ²	.O ²
• Dome light	.S	.S
• Remote trunk and fuel lid releases	.O ²	.O ²
• Valet trunk locking system	.O	.O
• Cigarette lighter	.S	.S
• Rotary type heater controls	.S	.S
• Retractable antenna, driver-side A-pillar mounted	.O	.O
• AM/FM ETR Radio with 2 speakers {RA}{R2}	.O/A ⁷	.O/A ⁷
• AM/FM ETR/Cassette with 2 speakers {B1}	.A	.A
• Midline AM/FM ETR/Cassette with Dolby [®] and 4 speakers {E2}	.A	.A
• Deluxe AM/FM ETR Radio with 4 speakers {ER}	.O	.O
• Deluxe AM/FM ETR/Cassette with 4 speakers {EX}	.O	.O
• Auto-Reverse Cassette Deck with Dolby [®] {P4}	.A ⁹	.A ⁹
• Compact Disc Deck {P5}	.A ¹⁰	.A ¹⁰
• 3-Disc CD {P3}	.A ¹⁰	.A ¹⁰
• 6-Disc CD Changer {P9}	.A ¹⁰	.A ¹⁰

Legend

S Standard
O Optional
A Dealer/Port-
Installed
NA Not Available
() Option Code

Notes:

2 Included with optional Convenience Package {CQ}
3 Closed head restraints on 2-door CE model
4 Included with 60/40 split-folding rear seat
5 Included with optional All-Weather Guard Equipment Package {CK}
6 Included with Power Package {PO}

7 {R2} comes with Dolby[®]
8 Dolby[®] is a registered trademark of Dolby Laboratories, Inc.
9 Requires {RA} or {R2} audio system
10 Requires 4-speaker audio system

Standard/Optional Features

Interior (Cont'd)

	2-Door CE Sedan	4-Door CE Sedan
• Convenience Package {CQ} . . . . .	.0	.0
• Power Package {PO} . . . . .	.0	.0
• Value Package {VP} . . . . .	.0	.0
• Value Package with Convenience Package {VQ} . . . . .	.0	.0

Safety*

• Driver- and passenger-side air bag Supplemental Restraint System (SRS) . . . . .	.S	.S
• Seatbelt, driver: 3-point with ELR ^{11, 13} . . . . .	.S	.S
• Seatbelt, front passenger: 3-point with ELR/ALR ^{12, 13} . . . . .	.S	.S
• Seatbelt, rear outboard passengers: 3-point with ELR/ALR ¹² . . . . .	.S	.S
• Seatbelt, center passenger: 2-point lap belt . . . . .	.S	.S
• Energy-absorbing steering wheel and column . . . . .	.S	.S
• Child-protector rear door locks . . . . .	.NA	.S
• Side-door beams . . . . .	.S	.S
• Meets 1997 dynamic side-impact standards . . . . .	.S	.S

Legend

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

Notes:

- {CQ} Includes intermittent windshield wipers, digital clock, dual black remote-controlled mirrors, 60/40 split-folding rear seat with security locks, remote trunk and fuel lid releases, and upgraded needlepunch trunk trim
- {PO} Includes power windows and door locks with one-touch driver-side auto-down, two-turn locks and nighttime illumination
- {VP} Includes air conditioner, power steering and carpeted floor mats
- {VQ} Includes air conditioner, power steering, remote trunk and fuel lid releases, split-folding rear seat, digital clock, intermittent wiper, dual remote outer mirror, color keyed bumpers, AM/FM ETR radio with fixed antenna and 4 speakers, bodyside moldings and carpeted floor mats
- * See "Safety" section beginning on page 9 for additional information
- ¹¹ Emergency Locking Retractor (ELR)
- ¹² Emergency Locking Retractor (ELR)/Automatic Locking Retractor (ALR)
- ¹³ With adjustable shoulder belt anchor on 4-door models

S specifications

Mechanical

		2-Door CE Sedan		4-Door CE Sedan	
ENGINE					
Type		1.5-L 4-Cyl ¹ DOHC* 16-V EFI		1.5-L 4-Cyl ¹ DOHC* 16-V EFI	
Horsepower (bhp @ rpm)		93 @ 5400		93 @ 5400	
Torque (lb-ft @ rpm)		100 @ 4400		100 @ 4400	
MPG (EPA est. city/hwy)		5M —	3A —	5M —	4A —
DRIVETRAIN					
Type		Front-wheel drive		Front-wheel drive	
TRANSMISSIONS					
	-standard	5-speed manual overdrive		5-speed manual overdrive	
	-optional	3-speed automatic		4-speed automatic overdrive	
SUSPENSION					
Front		Ind; MacPherson strut with stabilizer bar		Ind; MacPherson strut with stabilizer bar	
Rear		Trailing torsion beam with stabilizer bar		Trailing torsion beam with stabilizer bar	
STEERING					
Type	-standard	Rack-and-pinion		Rack-and-pinion	
	-optional	Power-assisted rack-and-pinion		Power-assisted rack-and-pinion	
Ratio	-standard/optional	21.8:1 / 17.5:1		21.8:1 / 17.5:1	
Turning Diameter** (ft.)		31.5		31.5	
Turns***	-standard/optional	3.8 / 3.0		3.8 / 3.0	
BRAKES[†]					
Front/Rear	-standard	Ventilated disc/drum		Ventilated disc/drum	
	-optional	Anti-lock Brake System (ABS) ²		Anti-lock Brake System (ABS) ²	
WHEELS					
Type/Size		Steel / 5.5 x 14		Steel / 5.5 x 14	
TIRES					
Type		All-season steel belted radial		All-season steel belted radial	
Size		P175/65R14		P175/65R14	
Spare		Temporary ²		Temporary ²	
CAPACITIES					
Curb Weight (lb.)		5M - 2010	3A - 2080	5M - 2035	4A - 2140
Fuel Tank (gal.)		11.9		11.9	
Towing (lb.)		Not recommended		Not recommended	

Exterior

Wheelbase (in.)		93.7		93.7	
Overall Length (in.)		161.8		161.8	
Overall Width (in.)		64.8		64.8	
Overall Height (in.)		53.2		53.2	
Tread Width	-front/rear (in.)	55.1 / 56.3		55.1 / 56.3	
Drag Coefficient (Cd)		0.32		0.32	

Interior

Seating Capacity		5		5	
Head Room	-front/rear (in.)	38.6 / 36.5		38.6 / 36.5	
Leg Room	-front/rear (in.)	41.2 / 31.9		41.2 / 31.9	
Shoulder Room	-front/rear (in.)	51.3 / 51.6		51.3 / 50.7	
Hip Room	-front/rear (in.)	54.0 / 49.0		54.0 / 53.8	
Trunk Capacity (cu. ft.)		9.3		9.3	
EPA Interior Volume (cu. ft.)		90.3		89.7	

Safety^{††}

OCCUPANT RESTRAINT SYSTEMS					
Air Bag (SRS)		Driver- and passenger-side		Driver- and passenger-side	
Seatbelts	-driver	3-point with ELR ³		3-point with ELR ^{3,5}	
	-front passenger	3-point with ELR/ALR ⁴		3-point with ELR/ALR ^{4,5}	
	-rear outboard passengers	3-point with ELR/ALR ⁴		3-point with ELR/ALR ⁴	
	-center passenger	2-point lap belt		2-point lap belt	

Notes:

NA	Feature not available	†	Power-assisted
—	Information not available	††	See "Safety" section beginning on page 9 for additional information
*	Marketed as Twin-Cam		
**	Curb-to-curb		
***	Lock-to-lock		

- 1 Cast iron engine block with aluminum alloy cylinder head
- 2 Larger temporary spare tire with optional ABS
- 3 Emergency Locking Retractor (ELR)
- 4 Emergency Locking Retractor (ELR) / Automatic Locking Retractor (ALR)
- 5 With adjustable shoulder belt anchor

Features and Benefits

Safety



KEY FEATURES

Tercel Meets 1997 Federal Car Safety Standards

Dual Air Bags Supplemental Restraint System (SRS)*

Crumple Zones

Side-Door Beams

Optional Anti-lock Brake System (ABS)

BENEFITS

Toyota engineers have given the Tercel numerous important safety features.

Help 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.

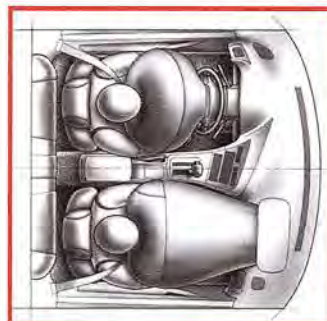
Help provide some protection if the Tercel is hit from the side.

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

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.



Driver and passenger air bags are standard on all Tercel models

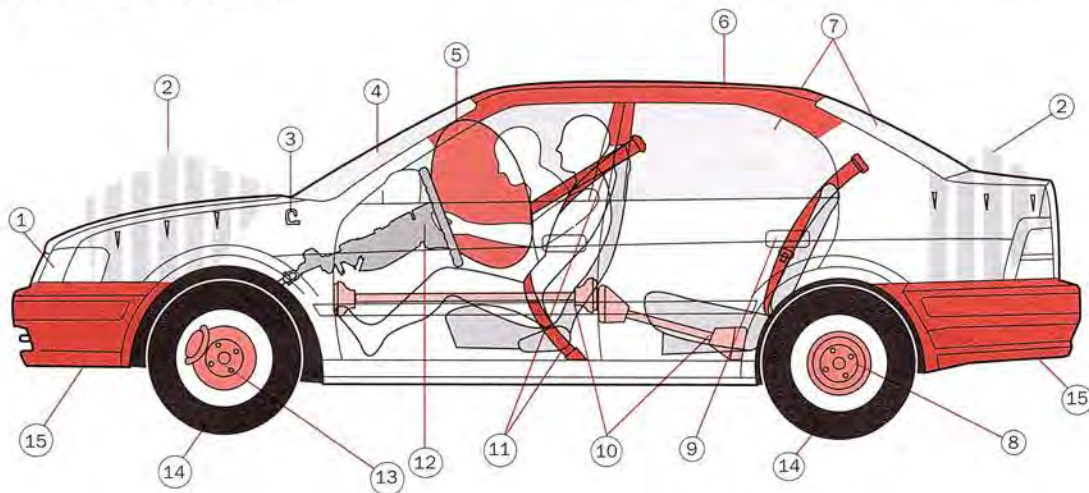
Impact Protection

Tercel Meets 1997 Safety Standards

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

Crumple Zones

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



- 1 Halogen headlamps
- 2 Crumple zones
- 3 Hood hold-down hooks
- 4 Laminated safety glass
- 5 Dual air bags (SRS)*

- 6 Roof strength
- 7 Tempered safety glass
- 8 Drum brakes/ABS**
- 9 Child-protector rear door locks
- 10 Side-door beams

- 11 3-point seatbelts
- 12 Energy-absorbing steering wheel and column
- 13 Ventilated disc brakes/ABS**
- 14 Steel belted radials
- 15 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 Tercel's doors **help provide some protection if the Tercel is hit from the side.**

Impact-Absorbing Bumpers

Tercel'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.**

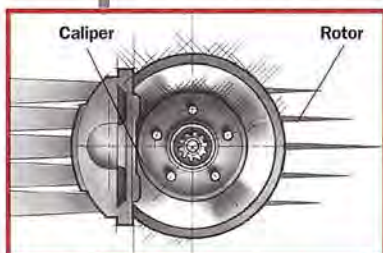
3-Point ELR/ALR Safety Belts at All Outboard Locations¹

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 baby 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.

Accident Avoidance

Power-Assisted Front Disc Brakes with Ventilated Front Rotors

Excessive heat can cause brake "fade" —

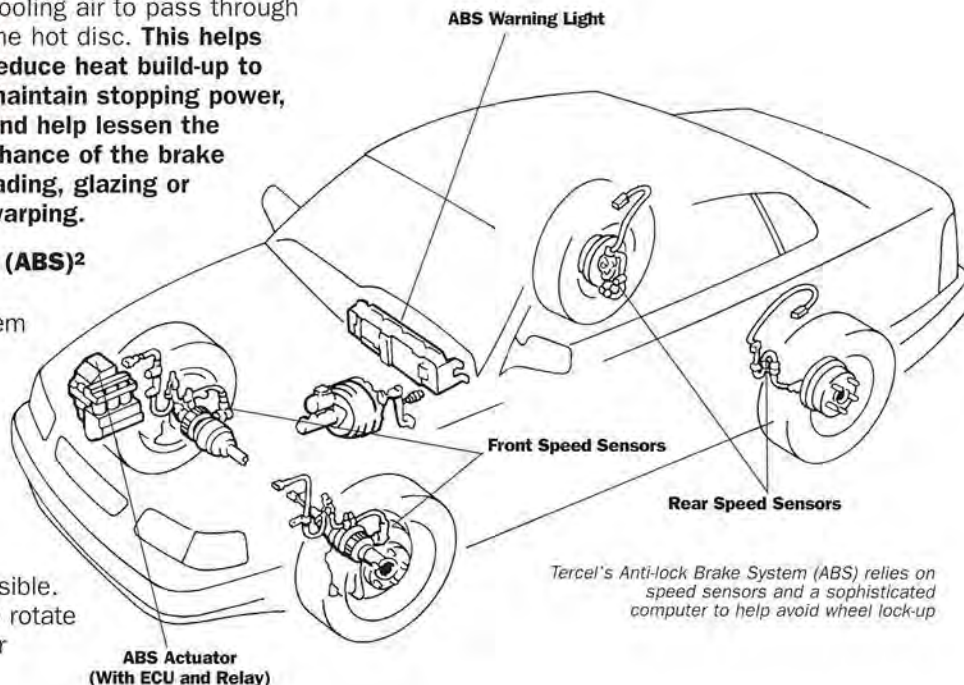


Disc brake with ventilated rotors prevents brake from overheating

components can glaze and even warp — causing a reduction in braking effectiveness. Vents in the brake disc (or rotor) allow cooling air to pass through the hot disc. **This helps reduce heat build-up to maintain stopping power, and help lessen the chance of the brake fading, glazing or warping.**

Anti-lock Brake System (ABS)²

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.



Tercel's Anti-lock Brake System (ABS) relies on speed sensors and a sophisticated computer to help avoid wheel lock-up

Personal Security

Personal security plays a very important part in feeling "safe" in a vehicle. Several Tercel features, including those listed below, will help owners attain that "safe and secure" feeling every time they enter and use their car:

Two-Turn Door Locks²

This feature provides **an extra measure of security** by opening the driver's door only when the key is inserted and turned once. A second turn unlocks the passenger door(s).

Passenger Window Lock-Out System²

When used, this optional system **disables the passenger window(s)** from being operated by anyone except the driver.

Toyota Vehicle Intrusion Protection (V.I.P.)²

This is an **optional break-in alarm** that flashes the headlamps/taillamps and sounds the horn when a secured Tercel is broken into.

Child-Protector Rear Door Locks³

These **prevent a rear door from being opened inadvertently** from the inside of the vehicle.

Valet Trunk Locking System²

Drivers receive a separate valet key that can only unlock the doors and operate the ignition. It can not be used to unlock the trunk.

1 ALR retractors for outboard passenger seats only

2 Optional on all models

3 Standard on 4-Door CE model

Features and Benefits

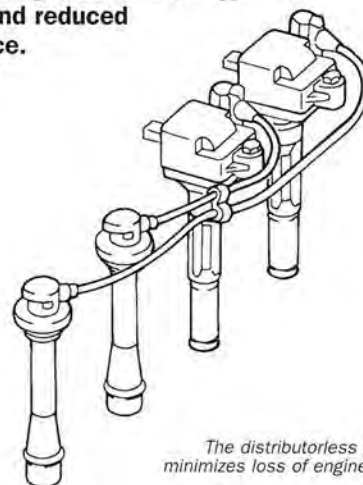
Performance



KEY FEATURES	BENEFITS
1.5L 4-Cylinder DOHC* 16-Valve Provides Great Power and Economy	This state-of-the-art engine develops 93 HP and 100 lb-ft of torque while providing excellent mileage.**
Toyota Direct Ignition (Distributorless)	Which helps improve performance, enhance durability and reliability and reduce maintenance.
Trailing Torsion Beam Rear Suspension	The beam axle functions as a rear stabilizer bar to reduce body roll and provide excellent handling, especially in corners.
Rack-and-Pinion Steering	This precise and simple steering system provides excellent response to driver inputs and provides increased road feel and a reduction in steering effort.

Toyota Direct Ignition (Distributorless)

Eliminating all moving parts (including the distributor cap and rotor) by placing a compact coil directly on two of the four spark plugs minimizes misfiring and loss of engine power. **The result is improved performance, greater durability/reliability and reduced maintenance.**



The distributorless ignition minimizes loss of engine power

Drivetrain

The 1.5-L 4-Cylinder DOHC* 16-Valve EFI Engine Provides Excellent Economy

This engine has been revised for emission compliance, and achieves 93 horsepower (HP) at 5400 rpm. Its torque is rated at 100 lb-ft at 4400 rpm. **Tercel drivers will enjoy the smooth balance of power and economical operation of the 1997 Tercel.**

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

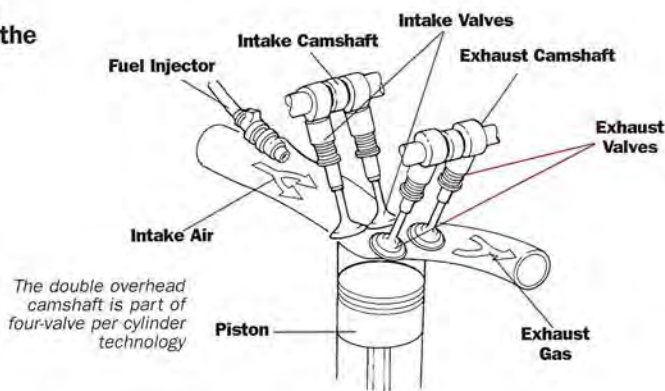
This arrangement of two intake and two exhaust valves allows more fuel/air mixture into the cylinder for more efficient engine "breathing" and combustion. **This produces greater horsepower and higher fuel economy.** Toyota's DOHC eliminates moving parts such as rocker arms and push rods to help **make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

Toyota Computer Controlled System (TCCS)

Tercel engines utilize a sophisticated computer to make precise adjustments to the fuel injection and ignition systems. This technology **optimizes engine operation for best performance under varying driving conditions.**

4-Speed Automatic Transmission

Tercel CE 4-door models are available with 4-speed automatic transmission. The result of the additional overdrive gear is driving refinement that is often unexpected in a car of this class.



The double overhead camshaft is part of four-valve per cylinder technology

* Marketed as Twin-Cam

** See Mileage Statement on back cover

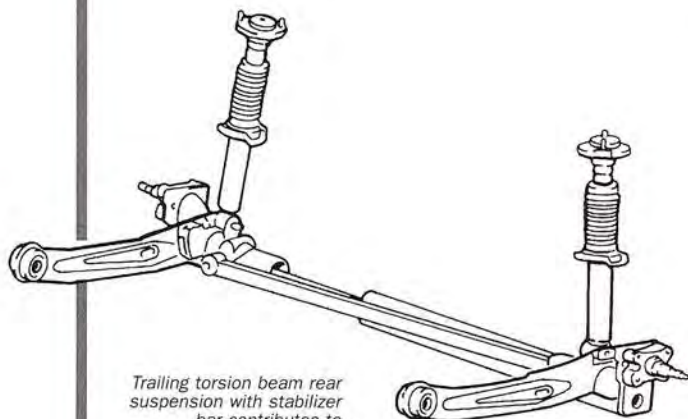
Features and Benefits



Chassis

MacPherson Strut Independent Front Suspension with Stabilizer Bar

Each wheel reacts independently to road imperfections with minimum effect on the other wheels. Tercel's MacPherson Strut front suspension uses replaceable cartridges that combine the shock absorber with the coil spring, and allow generous wheel travel over rough roads. Combined with the addition of a stabilizer bar, these systems **enhance handling and stability, especially in corners and over rough roads, to help provide an exceptional ride.**



Trailing torsion beam rear suspension with stabilizer bar contributes to all-around ride comfort

Trailing Torsion Beam Rear Suspension with Integrated Stabilizer Bar

The twisting action of the beam axle functions as a stabilizer bar. This component **helps reduce body roll (or leaning) while taking corners at high speed, giving the Tercel better stability and enhanced driver control.** A trailing beam suspension weighs less and has fewer moving parts, contributing to better fuel economy.

Power-Assisted Rack-and-Pinion Steering¹

Rack-and-pinion steering is a simple and precise system that allows the driver to experience **increased road feel and a reduction in steering effort.** As a result, Tercels feel **safer and more stable** at higher speeds.



Larger Wheels and Tires

New for 1997, Tercel rides on larger P175/65R14 All-Season steel belted radial tires and standard 14-inch steel wheels.



¹ Optional on all models

Features and Benefits

Comfort and Convenience



KEY FEATURES

BENEFITS

Rigid Body Structure

Reduces body creaks and rattles when driving over rough surfaces.

Large and Spacious Trunk

Tercel's trunk has a low lift-over height and an extra-wide 90° angle opening for easier loading and unloading.

Split-Folding Rear Seat¹

The rear seat backs open to the trunk by folding down either together or separately so extra-large items may be carried.

Side-Mounted Seat Tracks

Tercel's side-mounted front seat tracks provide rear passengers with more room and comfort for their feet.

Split-Folding Rear Seat¹

The rear seat provides an opening to the trunk from the passenger cabin. This makes it possible to carry large objects and passengers at the same time.

Side-Mounted Front Seat Tracks

The front seats are mounted on side-mounted tracks to provide rear passengers with additional foot room under the front seats.

Excellent Ergonomics

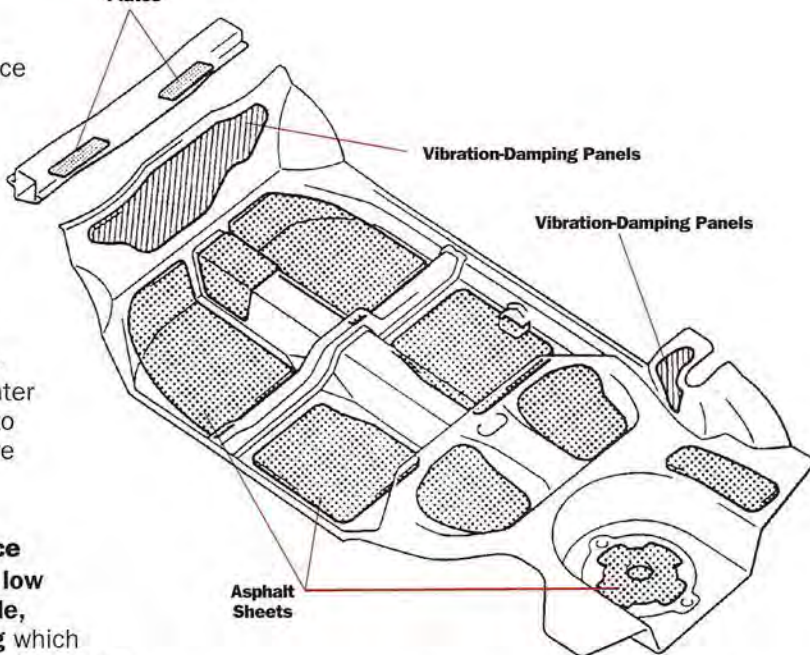
All driver and passenger controls have been designed to be easy to understand, use and reach. And for '97, Tercel has new rotary type heater controls.



Reducing Noise and Vibration in the Passenger Cabin

Toyota engineers and designers have gone to great lengths to reduce unwanted drivetrain, suspension, road and wind noise in the passenger cabin. To ensure that the Tercel is as smooth and quiet as possible, they included a highly rigid body structure to help reduce creaks and rattles, especially over rough roads. They also used vibration-damping steel and asphalt sheets applied to the Tercel's firewall, center tunnel, rear wheel wells and floor to help keep out engine, road, and tire noise.

Noise Control Plates



Vibration-Damping Panels

Vibration-Damping Panels

Asphalt Sheets

Vibration-damping panels contribute to a quieter, smoother ride



More Usable Trunk Space

Tercel's trunk features a low lift-over height and a wide, 90 degree angle opening which makes loading and unloading easier. The locking mechanism has a plastic cover to protect your head when the lid is open. A plastic cover also protects the weather stripping from being damaged while loading and unloading.

¹ Optional on all models

Features and Benefits

Styling



KEY FEATURES

Aerodynamics

Close-Fit Body Panels

New Wheel Covers

Scratch-Resistant Bumpers

Bumper Moldings

BENEFITS

Improve air flow around the body which helps reduce wind noise and improve fuel economy.

Tercel's narrow body gaps provide an almost seamless look and help reduce wind noise.

Tercel sports new wheel covers and larger wheels and tires.

Tercel's bumpers are made of a plastic that is highly scratch-resistant and has the smooth look of steel.

The individually replaceable protective black molding inserts found on Tercel's bumpers add style and protection.



Body Panel "Unification"

Tight tolerances between body panels provide the Tercel with an **almost seamless look**. Tercel's body gaps are very precise. One way gap inaccuracies are reduced is by the "unification" of body panels. This production method reduces the use of body sealer, brazing methods and high precision assembly which **helps improve appearance and waterproofing, and provides greater resistance to corrosion**.



New Wheels and Tires

New for 1997, Tercel has **standard full wheel covers with a sporty new design**. This year Tercel also has larger wheels and tires for a bolder look.

Exterior

Body Aerodynamics

The Tercel body has an aerodynamic look that does more than create a contemporary appearance — it smoothes the air flow around the body. With a low drag coefficient of only 0.32, **turbulence is minimized — providing better fuel economy and reduced wind noise in the passenger cabin**. Contributing to this effect is a high trunk with a "kicked up" deck lid that yields improved aerodynamics. Aerodynamic outside mirrors and halogen headlamps provide functionality and add to **Tercel's youthful, exciting, and contemporary appearance**.



Features and Benefits



Bumpers

Tercel's bumpers are made of a super olefin polymer material that is **highly scratch-resistant**, has **surface smoothness comparable to steel**, and has **minimal expansion/contraction dynamics**. These bumpers are **more impact resistant**, and **help Tercel maintain its appearance longer**. Color-keyed bumpers are optional on the Tercel.

Bumper Moldings

Black moldings are integrated into the ends of the bumpers and are **individually replaceable**. This may prevent the need to replace the whole bumper in a minor accident.



Integrated black moldings help Tercel look good and are easy to replace

Interior

Excellent Ergonomics

The Tercel **interior has a fresh, efficient appearance**. Drivers and passengers alike will feel part of an **inviting, contemporary and spacious environment**. The interior controls and instruments are very user-friendly.



New Interior Seat Fabric

New for 1997, Tercel features standard cloth seats with a **stylish new fabric design**. A new interior color, Shadow Gray, is available this year.



Features and Benefits



Value

IntelliChoice Value Accolades¹

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 Tercel:

'96 TERCEL DX SEDAN:



**A BEST OVERALL VALUE
among subcompact/
minicompact sedans
and coupes costing
less than \$12,500.**

Projected Ownership Cost

- Rating: Excellent
- For most Tercel models, over 5 years

Projected Fuel Cost

- Rating: Better than Average
- For all Tercels, over 5 years

Projected Depreciation

- Rating: Excellent
- For all Tercel models, over 5 years

Projected Ownership Cost Savings vs Average

- | | |
|--------------------------|----------|
| • Tercel DX 2-door sedan | \$1,168* |
| • Tercel DX 4-door sedan | \$1,090* |

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

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

Air Bag, 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 in 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, then 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 help limit the motion of the passenger's head and torso in case of a severe frontal impact.

Anti-Lock-Out Power Door Locks

Prevents the doors from being locked if the keys are in the ignition.

Assist Grips

Handles mounted on the inside of a vehicle. They provide a convenient place to grab and obtain leverage for entering and exiting the vehicle.

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 out of "Park." The shift lock prevents a car from being put into "Drive" or "Reverse" and accelerating inadvertently.

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).

Crumple Zones

These exist at the front and rear of a vehicle 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.

Drag Coefficient

A numeric measurement of the wind resistance of a vehicle's front profile. The lower the number, the more aerodynamically efficient the vehicle.

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 baby 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. Do not use a rearward-facing child seat in the front passenger seat. See Owner's Manual for child seat usage.

Five-Speed Manual Overdrive Transmission

Fifth gear reduces engine rpm at highway cruising speed and provides greater fuel economy, quieter operation, and less wear and tear on the engine.

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.

Independent Suspension

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

MacPherson Strut Suspension System

An independent suspension unit consisting of both a coil spring and a shock strut (a shock absorber is inside the strut). It is most commonly found in the front of passenger cars, but can also be used in the rear. This is a compact design that allows efficient space utilization while providing a smooth, comfortable ride with good handling.

Passenger Window Lock-Out System

When used, this optional system disables the passenger side window 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 Tercel windshields, this glass consists of two 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 if broken.

Safing Sensor

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

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 Computer Controlled System (TCCS)

A system used in all Toyota vehicles to monitor a variety of factors, including engine speed, engine temperature, air temperature and engine load. This information is sent to a sophisticated computer, which then coordinates adjustments to the fuel-injection and ignition system. This technology can optimize engine operation for emissions, performance and efficiency under varying driving conditions.

Toyota Direct Ignition (Distributorless)

Eliminates conventional components such as the cap and rotor. Each spark plug or pair of plugs gets its own coil. Each coil receives low voltage from conventional wires and turns this low voltage into high voltage, sending the pulse directly to the spark plug. Improved performance and durability are achieved.

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

This is an optional break-in alarm that flashes the headlamps/taillamps and sounds the horn when a secured Tercel is broken into.

Two-Turn Door Locks

In a vehicle with this feature (including all Toyotas with power door locks), only the driver's door is unlocked when the key is turned in that door's lock. A second turn unlocks the other doors. This provides extra security in situations where the driver desires to open only one door, yet also allows the convenience of easily unlocking doors for all passengers.

Unibody Construction

The floorpan of a vehicle and chassis are connected to form a single structure. There is no separate frame. By welding all body panels together to form the vehicle's frame, it is possible to build in strength and rigidity with less weight.

Glossary

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 the 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 trunk. When the car is equipped with the optional folding seatbacks, this locking system also includes special seat latches to help keep the contents of the trunk or hatch secure.

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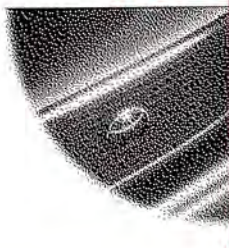
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Any EPA fuel economy figures included in this publication are estimates to be compared with "estimated mpg" of other vehicles. Drivers may get different mileage depending on the speed they drive, weather conditions, trip length, condition of the vehicle 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-A

1997 INTERIOR TRIM



TERCEL

EXTERIOR	CODE	INTERIOR	CODE	CE CLOTH*
Super White	(040)	Gray	(15)	■
		Oak	(42)	■
Platinum Metallic	(1A0)	Gray	(15)	■
Super Red	(3E5)	Gray	(15)	■
		Oak	(42)	■
Coral Rose Pearl*	(3L9)	Gray	(15)	■
		Oak	(42)	■
Sierra Green Metallic	(6N7)	Gray	(15)	■
		Oak	(42)	■
Meadow Green Pearl*	(6P6)	Gray	(15)	■
		Oak	(42)	■
Orchid Blue Pearl*	(8K1)	Gray	(15)	■
Blue Velvet Pearl*	(8L3)	Gray	(15)	■

Notes:

*New for 1997

CE



Cloth

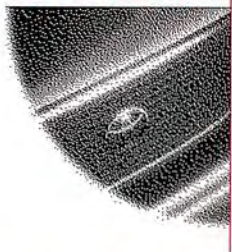
Gray (15)



Cloth

Oak (42)

1 9 9 7
EXTERIOR
COLORS

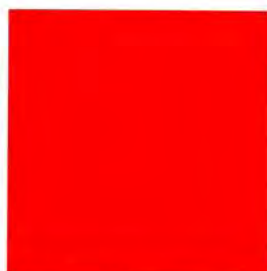


TERCEL

Super White (040)



Platinum Metallic (1A0)



Super Red (3E5)



Coral Rose Pearl* (3L9)



Sierra Green Metallic (6N7)



Meadow Green Pearl* (6P6)



Orchid Blue Pearl* (8K1)



Blue Velvet Pearl* (8L3)

Notes:

*New for 1997

