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LAND CRUISER

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

 **TOYOTA**

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Model Line-Up



New for 1997

All Models

- Remains essentially unchanged for 1997

Body Styles and Trim Levels

Body Style	Trim Level	Trans.	Displacement	Cyl.	bhp	Model #
Land Cruiser	Wagon	4ECT	4.5 liter	6	212	6154

Standard Features

Land Cruiser Wagon

Mechanical

- 4.5-liter in-line 6-cylinder DOHC* 24-valve EFI engine
 - Engine oil cooler
 - 2-piece oil pan
 - Stainless steel water pump
- Full-time 4-wheel drive
- 4-speed electronically controlled automatic overdrive transmission (4ECT)
- Transmission oil cooler
- 2nd gear start switch
- Solid axles with coil springs and front/rear stabilizer bars (with 4-link rear suspension)
- Viscous coupling-type center differential
- Power-assisted recirculating-ball steering
- 4-wheel ventilated disc brakes with rear Load-Sensing Proportioning Valve (LSPV)
- Anti-lock Braking System (ABS)
- P275/70R16 mud-and-snow steel belted radials
- Full-size spare tire
- All-Weather Guard Equipment Package
- Towing Package

Exterior

- Aero-style halogen headlamps with auto-off feature
- Chrome trimmed front grille
- Tinted safety glass
- Dual color-keyed power mirrors
- Color-keyed door handles
- Front and rear fender flares and mudguards
- Silver styled-steel wheels
- LED-type Center High-Mount Stop Lamp (CHMSL)
- 2-piece tailgate (lift-up hatch/fold-down gate)
- Front and rear tow hooks

Interior

- 3-way adjustable driver's seat (slide, recline, head restraint height)
- 50/50 split-folding rear seatback with center armrests, removable head restraints, and fold-up bottom cushions with release levers
- Head restraints in all outboard seating positions
- Cloth seat and door trim
- Sun visor
- Illuminated passenger vanity mirror
- Day/night rearview mirror
- Lockable glove box
- 2-compartment center console with cover



Model shown may have optional equipment

- Center console coin holders and storage area
- Cup holder
- Assist grips (8)
- Footrest
- Full cut-pile carpeting
- Instrumentation: electronic analog speedometer, tripmeter, odometer, tachometer, oil pressure, voltmeter, coolant temperature and fuel level gauges
- Warning lights: check engine, oil, headlamp-on, seatbelt, door ajar, battery and low fuel level
- Air conditioning (CFC-free) with soft-touch controls
- Front and rear heaters
- Power windows and door locks
- Rear quarter window
- Cruise control
- Tilt steering wheel
- Variable intermittent windshield wipers
- Rear intermittent windshield wiper
- Rear-window defogger
- Digital quartz clock with stopwatch and alarm
- Illuminated ignition key ring
- Remote hood and fuel lid releases
- Cigarette lighter
- Front and rear ashtrays
- Premium AM/FM ETR/Cassette with 9 speakers and power antenna {CE}

Safety**

- Driver- and passenger-side air bags Supplemental Restraint System (SRS)
- Seatbelt, driver-side: 3-point with ELR¹
- Seatbelt, front outboard passenger: 3-point with ELR/ALR¹
- Seatbelt, rear outboard passengers: 3-point with ELR/ALR
- Seatbelt, center passenger: 2-point lap belt
- Energy-absorbing steering wheel and column
- Child-protector rear door locks
- Side-door beams

* Marketed as Twin-Cam

** See "Safety" section beginning on page 8 for additional information

¹ With adjustable shoulder belt anchor

Standard/Optional Features

Mechanical

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• 50-state emissions {FE}	.O
• 4.5-liter in-line 6-cylinder DOHC* 24-valve EFI engine	.S
-Engine oil cooler	.S
-2-piece oil pan	.S
-Stainless steel water pump	.S
-Engine block heater	.A
• Full-time 4-wheel drive	.S
• Front and rear differential locks {DL}	.O
• 4-speed electronically controlled automatic overdrive transmission (4ECT)	.S
• Transmission oil cooler	.S ¹
• 2nd gear start switch	.S
• Solid axles with coil springs and front/rear stabilizer bars (with 4-link rear suspension)	.S
• Viscous coupling-type center differential	.S
• Power-assisted recirculating-ball steering	.S
• 4-wheel ventilated disc brakes	.S
• Rear brake Load-Sensing Proportioning Valve (LSPV)	.S
• 4-wheel Anti-lock Brake System (ABS) {AB}	.S
• P275/70R16 mud-and-snow steel belted radial tires	.S
• Full-size spare tire	.S
• All-Weather Guard Equipment Package {CK}	.S
• Towing Package {TD}	.S

Exterior

• Aero-style halogen headlamps with auto-off feature	.S
• Front-end mask {KM}	.A
• Chrome trimmed front grille	.S
• Hood protector {HP}	.A
• Tinted safety glass	.S
• Running boards {C7}	.A
• Dual color-keyed power mirrors	.S
• Color-keyed door handles	.S
• Front and rear fender flares and mudguards	.S
• Silver styled-steel wheels	.S
• Aluminum alloy wheels {AW}	.O
• Wheel locks (black) {WL}	.A
• Wheel locks (black chrome) {WS}	.A
• Spare tire lock {WI}	.A
• Roof rack {C7}	.A
• Bicycle rack attachment	.A
• Ski rack attachment	.A
• LED-type Center High-Mount Stop Lamp (CHMSL)	.S
• Rear wind deflector {DD}	.A
• 2-piece tailgate (lift-up hatch/fold-down gate)	.S
• Front and rear tow hooks	.S
• Towing receiver hitch {C72} (PIO only)	.A
• Trailer balls and ball mount kit	.A
• Two-tone paint {TX}	.O
• Black paint {BX}	.O
• Gold package {GP}	.A

Legend

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

Notes:

{DL}	Includes front and rear locking differentials
{AB}	Includes full-floating solid rear axle and viscous coupling-type center differential transfer case
{CK}	Includes heavy duty; battery, starter and side-window defroster vents
{TD}	Includes transmission oil cooler and trailer towing wire harness
{C7}	Includes running boards, roof rack, towing package and rear wind deflector
{AW}	Includes aluminum alloy wheels (5)

* Marketed as Twin-Cam

¹ Included in Towing Package {TD}

Standard/Optional Features

Interior

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• 3-way adjustable driver's seat (slide, recline and head restraint height)	.S
• 7-way adjustable power driver/front passenger seat (power: slide, seat cushion, front/rear and height; manual: recline, head restraint height/tilt)	.O ²
• 50/50 split-folding rear seatback with center armrests, removable head restraints and fold-up bottom cushions with release levers	.S
• 50/50 split side-folding rear 3rd seat	.O ³
• Head restraints in all outboard positions	.S
• Cloth seat and door trim	.S
• Leather-trimmed seats and door panel inserts	.O ²
• Wood dash {DU}	.A
• Sun visor	.S
• Illuminated passenger vanity mirror	.S
• Day/night rearview mirror	.S
• Lockable glove box	.S
• 2-compartment center console with cover	.S ⁴
• Center console coin holders and storage area	.S
• Cup holder	.S
• Assist grips (8)	.S
• Footrest	.S
• Carpeted floor mats, 4-piece set {CF}	.A
• Full cut-pile carpeting	.S
• Cargo net {GN}	.A
• Cargo/trunk mat {C1}	.A
• Instrumentation: electronic analog speedometer, tripmeter, odometer, tachometer, oil pressure, voltmeter, coolant temperature and fuel level gauges	.S
• Warning lights: check engine, oil, headlamp-on, seatbelt, door ajar, battery and low fuel level	.S
• Power tilt/slide glass sunroof {SR} with sliding sunshade	.O
• Sunroof wind deflector {SD}	.A
• Air conditioning (CFC-free) with soft-touch controls	.S
• Front and rear heaters	.S
• Cellular mobile telephone (fixed/portable)	.A
• Toyota Vehicle Intrusion Protection (V.I.P.) {V3}	.A
• Keyless Entry System {KE}	.A
• Power windows and door locks	.S ⁵
• Rear quarter window	.S
• Cruise control {CL}	.S
• Tilt steering wheel	.S
• Variable intermittent windshield wipers	.S
• Rear intermittent windshield wiper	.S
• Rear-window defogger	.S
• Digital quartz clock with stopwatch and alarm	.S
• Illuminated ignition key ring	.S
• Remote hood and fuel lid releases	.S
• Cigarette lighter	.S
• Front and rear ashtrays	.S
• Premium AM/FM ETR/Cassette with 9 speakers and power antenna {CE}	.S
• Premium 3-in-1 AM/FM ETR/Cassette/CD Player with 9 speakers {DC}	.O
• Compact Disc Deck {P5}	.A
• 3-Disc CD {P3}	.A
• 6-Disc CD Changer {P9}	.A
• Leather-trim Package {LA}	.O
• 3rd Seat Package {TH}	.O

Legend

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

Notes:

{CE}/{DC}	Includes programmable equalizer and FM diversity antenna system
{LA}	Includes leather-trimmed: seats, door panel inserts, steering wheel, transmission shift lever, transfer case knob, 2-compartment center console armrest/storage box cover, power driver and front passenger seats and 3rd Seat Package {TH}.
{TH}	Includes 50/50 split-folding rear 3rd seat, rear 3-point ELR/ALR outboard seatbelts, outboard head restraints, rear ashtray, rear assist grips, sliding rear quarter windows, privacy glass and child-protector tailgate lock
2	Included with Leather-trim Package {LA}
3	Included with 3rd Seat Package {TH} and Leather-trim Package {LA}
4	Leather-covered lid with Leather-trim Package {LA}
5	With one-touch driver-side auto down, two-turn driver's lock, anti-lock-out feature and retained power function

S

Standard/Optional Features

Safety*

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- Driver- and passenger-side air bags Supplemental Restraint System (SRS)S
- Seatbelt, driver-side: 3-point with ELR^{6,8}S
- Seatbelt, front outboard passenger: 3-point with ELR/ALR^{7,8}S
- Seatbelt, rear outboard passengers: 3-point with ELR/ALR⁷S
- Seatbelt, center passenger: 2-point lap beltS
- Energy-absorbing steering wheel and columnS
- Child-protector rear door locksS
- Side-door beamsS

Legend

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

Notes:

- * See "Safety" section beginning on page 8 for additional information
- 6 Emergency Locking Retractor (ELR)
- 7 Emergency Locking Retractor (ELR) /Automatic Locking Retractor (ALR)
- 8 With adjustable shoulder belt anchor

S

Specifications

Mechanical

LAND CRUISER

ENGINE

Type	4.5-L I-6 DOHC* 24-V EFI
Horsepower (bhp @ rpm)	212 @ 4600
Torque (lb-ft @ rpm)	275 @ 3200
MPG (EPA est. city/hwy)	13/15

DRIVETRAIN

Type	Front-engine / Full-time 4-wheel drive
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TRANSMISSIONS

	-standard	4-speed ECT automatic overdrive ¹
Transfer Case		2-speed with center lock (H/L) ²
Differential Ratio		4.1:1 ³

SUSPENSION

Type	Solid axles; coil springs (4-link at the rear) with front/rear stabilizer bars
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STEERING

Type	Power-assisted recirculating-ball
Steering Ratio	18.6:1
Turning Diameter** (ft.)	40.4
Turns***	3.4

BRAKES

Type	4-wheel power-assisted ventilated discs with ABS and rear LSPV ⁴
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WHEELS

Type/Size	-standard	Steel / 8.0 x 16
	-optional	Alloy / 8.0 x 16

TIRES

Type	Mud-and-snow steel belted radials
Size	P275/70R16
Spare	Full-size

CAPACITIES

Curb Weights (lbs.)	4751 (4850) ⁵
Fuel Tank (gals.)	25.1
GVWR	6470
Towing† (lbs.)	5000
Payload†† (lbs.)	1719 (1620) ⁵

Exterior

Wheelbase (in.)	112.2
Overall Length (in.)	189.8
Overall Width (in.)	76.0
Overall Height (in.)	73.6
Tread Width	-front/rear (in.) 62.8 / 63.0
Ground Clearance (in.)	10.8

Interior

Seating Capacity	5 / 7 ⁵		
Head Room	-front/rear (in.)	40.3 / 39.7 / 36.4 ⁵	
Leg Room	-front/rear (in.)	42.2 / 33.6 / 28.5 ⁵	
Shoulder Room	-front/rear (in.)	58.7 / 58.7 / 59.5 ⁵	
Hip Room	-front/rear (in.)	59.5 / 59.5 / 59.2 ⁵	
Cargo-(middle bench folded) (cu. ft.)	90.9 ⁶		

Safety†††

OCCUPANT RESTRAINT SYSTEMS

Occupant Restraint Systems		
Air Bag (SRS)		Driver- and passenger-side
Seatbelts	-driver	3-point with ELR ^{7,9}
	-front outboard passenger	3-point with ELR/ALR ^{8,9}
	-rear outboard passengers	3-point with ELR/ALR ⁸
	-center passenger	2-point lap belt

Notes:

NA Feature not available

* Marketed as Twin-Cam

** Curb-to-curb

*** Lock-to-lock

† Requires additional equipment. Consult the 1997 Toyota Trailer Towing Guide for details and GCWR limits

†† Includes occupants, equipment and cargo

††† See "Safety" section beginning on page 8 for additional information

1 With 2nd gear start switch

2 Optional differential locks (DL) includes front and rear locking differentials

3 Includes full-floating axles with differential locks (DL)

4 Load-Sensing Proportioning Valve (LSPV)

5 With optional 3rd Seat Package (TH)

6 75.1 with optional 3rd seat folded and middle bench folded

7 Emergency Locking Retractor (ELR)

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

9 With adjustable shoulder belt anchor

Features and Benefits

Safety



KEY FEATURES

Dual Air Bags
Supplemental
Restraint System
(SRS)*

Crumple Zone

4-Wheel Anti-lock
Brake System
(ABS)

Rear Load-Sensing
Proportioning Valve
(LSPV)

BENEFITS

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

Helps absorb the impact of a collision, providing more occupant protection in certain types of collisions.

Helps avoid wheel lock-up while providing better steering control during hard braking.

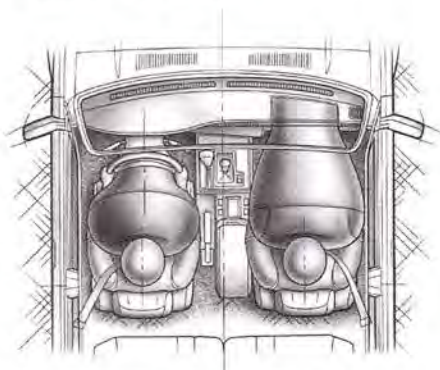
Helps reduce rear wheel lock-up and allows the driver better control when braking.

Crumple Zone

Protective feature at the front of the Land Cruiser **helps 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, crash energy is dissipated, which **prevents much of the collision energy from reaching the passenger compartment.**

Side-Door Beams

Steel beams located under the sheet metal in Land Cruiser doors **help provide some protection if the Land Cruiser is hit from the side.**



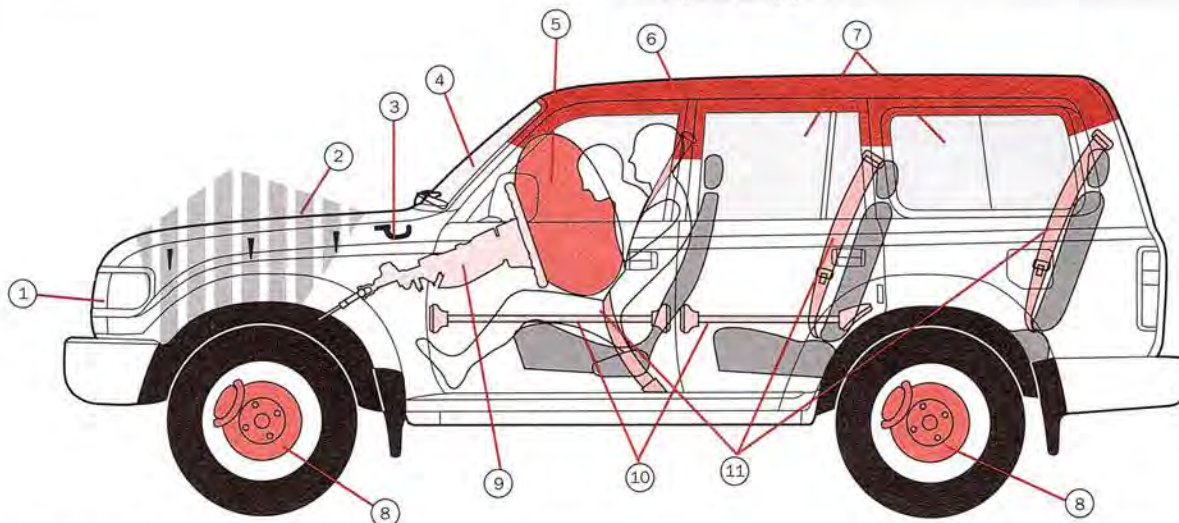
Dual air bags (SRS) are standard on all Land Cruisers

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 | 8 Ventilated disc brakes with ABS and rear LSPV |
| 2 Crumple zone | 9 Energy-absorbing steering wheel and column |
| 3 Hood hold-down hooks | 10 Side-door beams |
| 4 Laminated safety glass | 11 3-point seatbelts (outboard positions) |
| 5 Dual air bags (SRS)* | |
| 6 Reinforced roof | |
| 7 Tempered safety glass | |



* 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.

Features and Benefits



ELR/ALR Safety Belts¹

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.

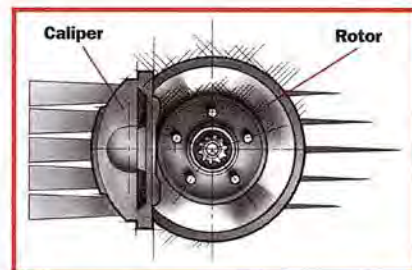
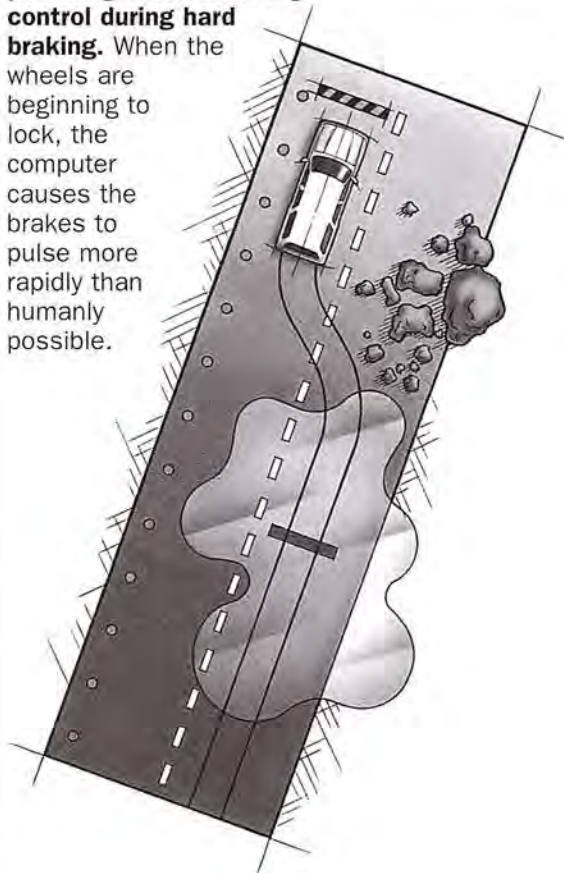
Hood Hold-Down Hooks

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

Accident Avoidance

4-Wheel Anti-lock Brake System (ABS)

ABS is a computer-controlled system that regulates braking pressure to help avoid wheel lock-up while providing better steering control during hard braking. When the wheels are beginning to lock, the computer causes the brakes to pulse more rapidly than humanly possible.



4-Wheel Ventilating Disc Brakes

Vents in the four 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.

Rear Load-Sensing Proportioning Valve (LSPV)

The LSPV varies the amount of hydraulic pressure the rear brakes receive based upon the load condition of the vehicle. This helps reduce rear wheel lock-up, depending on the load, thereby helping the driver to maintain better control during braking.

Personal Security

The following standard or optional features provide customers greater feelings of "safety and security" every time they enter and use their Land Cruiser:

- **Low fuel level warning light** indicates the need to refill the fuel tank.
- **Driver's two-turn power door lock** provides an extra level of security by opening the driver's door only when the key is inserted and turned once. A second turn unlocks the passenger doors.
- **Anti-lock-out power door locks** prevent the vehicle from being locked when the key is in the ignition.
- **Passenger window lock-out system**, when used, disables the passenger windows from being operated by anyone except the driver.
- **Toyota Vehicle Intrusion Protection (V.I.P.)²** sounds the horn and flashes the headlamps and taillamps if the vehicle is broken into. It also disconnects the starter in the event of a break-in.
- **Child-protector rear door locks** help guard against children opening the doors when they shouldn't.

¹ Driver-side has ELR. Outboard passenger seats have ELR and ALR

² Optional

Features and Benefits

Performance



KEY FEATURES

4.5-L I-6 DOHC*
24-Valve Provides
Great Horsepower and Torque

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

Full-Time 4WD

Mud-and-Snow
Rated Tires

BENEFITS

This Land Cruiser engine
develops **212 HP** at
4600 rpm and **275 lb-ft** of
torque at **3200 rpm**.

Provides better driveability
and less gear hunting than
conventional automatics
for a smoother, more
enjoyable ride.

The full-time 4WD helps
provide excellent traction
in most road conditions.

Land Cruiser's standard
tires help provide
excellent traction even
off-road or in wet weather.

The 4ECT helps provide
smooth shifts in almost
any driving situation



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

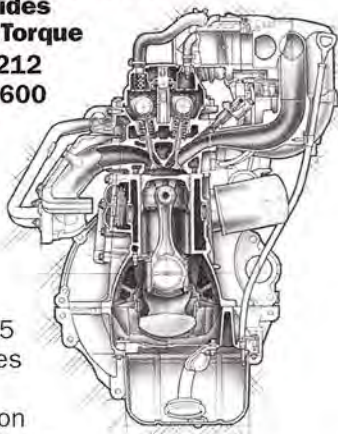
Gear selection is controlled by a sophisticated computer that analyzes driving conditions (speed, load, etc.) and driver actions (throttle position) before selecting a gear. This helps provide **smoother shifts and improved performance and fuel economy**. Following are key features of the transmission:

- The **Second Gear Start Switch** helps the Land Cruiser virtually "walk" out of slippery situations in second gear.
- **Overdrive 4th Gear** reduces engine rpm at highway speeds which helps provide quieter driving and increased fuel economy.
- The **Overdrive-Off Switch** locks out the overdrive 4th gear. This helps prevent "gear hunting" when driving up a steep grade and adds engine braking when driving downhill.
- The **Electronic Control Unit** momentarily retards ignition timing and electronically disengages the transmission during gear changes. This results in smoother shifts and better performance.
- A **Transmission Oil Cooler** is included with the standard towing package. It helps protect the transmission when it is under heavy loads.

Drivetrain

The 4.5-L In-Line Six Cylinder DOHC* 24-Valve Engine Provides Excellent Power and Torque

This engine achieves **212 horsepower (HP) at 4600 rpm**. Its torque is **rated at 275 lb-ft at 3200 rpm**. With a 4-speed ECT automatic overdrive transmission, it has an EPA highway mileage estimate of 15 mpg**. Engine features include Electronic sequential Fuel Injection (EFI), Dual Overhead Cams (DOHC), engine oil cooler and stainless steel water pump.

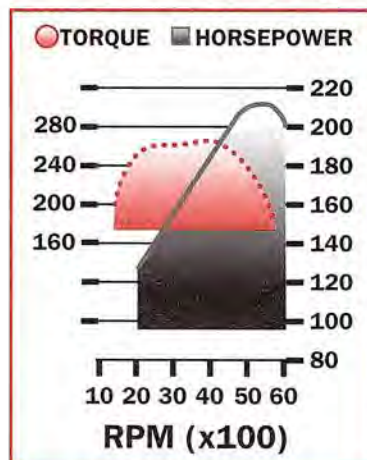


Dual Overhead Cam (DOHC) and 4-Valves per Cylinder

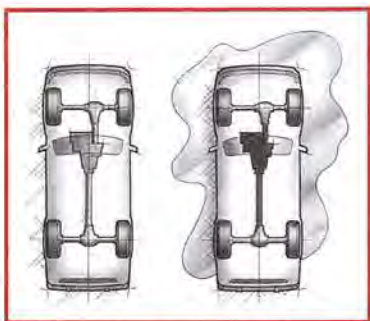
This arrangement of two intake and two exhaust valves **allows more fuel/air mixture into the cylinders for more efficient engine "breathing" and combustion**. This helps produce greater horsepower and higher fuel economy. Toyota's DOHC eliminates moving parts such as rocker arms and push rods to **help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

* Marketed as Twin-Cam

** See Mileage Statement on back cover.



Features and Benefits



Full-Time 4-Wheel Drive

Since the vehicle is always operating in 4-high, **no additional driver input is required for normal driving situations.** This means that all four wheels are driving all of the time. The driver can also select 4-low for slow, off-road conditions where maximum traction is required. **A limited variable torque split helps provide better on-road performance, while a locking center differential provides a 50/50 front/rear torque split to help enhance off-road performance.**

Optional Locking Front and Rear Differentials

This Land Cruiser system **allows the driver to turn a dial and lock both the front and rear axles to help provide optimum traction based on driving conditions.** Or, the driver can choose to lock just the rear. Locking the axles does not affect the center differential. The power is split evenly between each wheel but still has variable front and rear torque unless the center differential is locked.

Chassis

4-Wheel Coil Spring Suspension and Heavy Duty Shocks

Land Cruiser's 4-wheel coil springs and heavy duty shocks perform two chores. First, they **help provide a comfortable ride around town or on the highway.** Second, they **combine generous ground clearance (10.8 in.) with excellent wheel travel to help tackle tough off-road situations.**

Front and Rear Stabilizer Bars

These suspension components **help reduce body roll (or leaning) while cornering.** They also **help improve the Land Cruiser's off-road performance and help enhance driver control.**

Power-Assisted Recirculating-Ball Steering

Built for off-road ruggedness and easy operation, durable recirculating-ball steering with power-assist is featured on the Land Cruiser.

Standard Towing Package

The Land Cruiser has a **5,000 pound trailer towing capacity.¹** A trailer towing wire harness and transmission oil cooler are included in the towing package.

Mud-and-Snow Rated Steel Belted Radial Tires

The standard P275/70R16 tires **help provide excellent traction on- or off-road and in wet weather.**



¹ Consult the 1997 Toyota Trailer Towing Guide for required additional equipment, further details and GCWR limits

Features and Benefits

Comfort and Convenience



KEY FEATURES

Standard 3-Way Adjustable Driver's Seat

Excellent Cargo Capacity

Premium AM/FM ETR/Cassette with 9 speakers

Optional Third Seat

Noise and Vibration Reduction

BENEFITS

Provides the driver with excellent comfort and a range of adjustments.

Land Cruiser provides up to 90.9 cu. ft. with the rear seats folded down.¹ The payload is rated up to 1719 lbs.²

Provides great sound fidelity in the passenger cabin and comes with a power antenna.

Raises vehicle capacity from five to seven. Folds out of the way when not in use.

An engine noise insulation panel is located under the hood, and a two-piece oil pan rigidly connects the engine and transmission to help reduce vibration.



Land Cruiser's split tailgate/hatch opens wide for easier loading and unloading of cargo

Generous Cargo Capacity

Cargo loading and unloading is made easier when the 50/50 split-folding rear seat is folded down. The Land Cruiser can be configured to provide up to 90.9¹ cubic feet of cargo space... and it can haul a payload of up to 1719 lbs². A lift-up rear window and fold-down tailgate provide a large access easier and more convenient.

Standard 3-Way Adjustable Driver's Seat

The Land Cruiser features a standard 3-way adjustable driver's seat that helps provide excellent comfort and driver support. A power driver and front passenger seat is available.

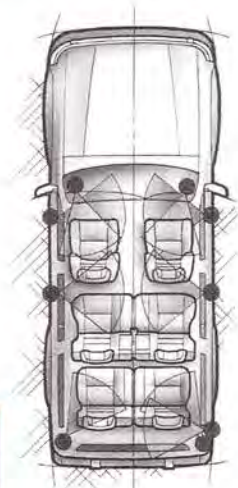


Adjustable Shoulder Belt Anchors

The Land Cruiser 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 the belt so that it comfortably crosses the shoulder and chest to enhance occupant comfort.

Premium AM/FM ETR/Cassette Sound System with 9-Speakers

This system provides excellent sound reproduction and high fidelity. It also includes a power antenna that can be retracted to help protect against car wash damage or vandalism. An AM/FM ETR/Cassette/CD player is optional.



The optional Premium 3-in-1 ETR/Cassette/CD system



- 1 Without 3rd Seat Package (TH) and with middle bench seat folded; 75.1 cu. ft. with the optional 3rd Seat Package (TH) and middle bench seat folded
- 2 Payload includes occupants, equipment and cargo. Payload is 1620 lbs with optional 3rd Seat Package (TH)

*F*eatures and Benefits



Land Cruiser with optional 3rd Seat Package (TH) and Leather-trim Package (LA)

Optional 3rd Seat Package

A two-passenger, 50/50 split side-folding rear third seat can be added to **increase the Land Cruiser's seating capacity to seven**. The seat cushions can be folded up and to the side when they are not in use.

Noise and Vibration Reduction

The Land Cruiser has many features that help reduce noise and vibration in the passenger cabin. Here are three important items:

- **An engine noise insulation panel** is mounted under the hood.
- **A two-piece oil pan** rigidly connects the engine and transmission. It incorporates a baffle plate that helps reduce engine noise.
- **Asphalt sheets** are applied to the floor panels to help reduce vibration and help absorb engine and road noise.

Standard Convenience Features on Land Cruiser:

- **Air conditioning** helps keep the passenger cabin cool.
- **Power windows and door locks** add an extra measure of convenience.
- **Cruise control** helps reduce driver fatigue on long trips.
- **Tilt steering wheel** helps provide easier entry and exit, and more driver comfort.
- **Intermittent front and rear wipers** allow the driver to match wiper timing to weather conditions.
- **Cut-pile carpeting** provides soft comfort and an expensive look.
- **Remote fuel lid release** allows a flush gasoline door for a sleek appearance, and lets the driver grant access to the tank without having to leave the vehicle.
- **Front and rear heaters** help back passengers stay as warm as those in front.
- **Rear-window defogger** helps provide better rearward visibility.
- **Front and rear tow hooks** provide extra towing options in the event of a "stuck" on- or off-road situation.

Features and Benefits

Styling



KEY FEATURES

Aero-Style Halogen Headlamps

Wraparound Bumpers

Optional 16-inch Aluminum Alloy Wheels

Excellent Ergonomics

BENEFITS

Improve airflow around body which helps reduce wind noise and adds a contemporary look. Halogen headlamps also shine brighter and whiter than sealed beam lamps.

Help protect the painted areas on the fenders and provide a sleek appearance.

These lightweight wheels help enhance performance and provide an aggressive, sporty look.

Instruments can be read easily and driver controls can be reached with ease.

Aero-Style Halogen Headlamps

These headlamps provide a brighter, whiter light than conventional lamps and help provide better illumination for the driver. They also help enhance Land Cruiser's sleek, contemporary front end appearance.

Wraparound Bumpers

The Land Cruiser's bumpers wrap around from the front and rear into the fenders. This provides a smooth look and helps protect the painted surfaces of the fenders.

Fender Flares with Integrated Mudguards

The integrated mudguards help protect the lower body panels from debris thrown by the tires. The flared fenders provide the Land Cruiser with a rugged appearance and help enhance the look of the wheels and tires.

Exterior

Luxurious Rugged Appearance

The Land Cruiser is built to take the rigors of true off-road use. Yet, it transports its occupants in great luxury. Its aggressive grille and flared fenders suggest ruggedness, yet its sumptuous interior, standard power features and 9-speaker sound system will pamper the driver and passengers in comfort and convenience.



Optional Aluminum Alloy Wheels

The Land Cruiser has optional 16-inch 5-spoke aluminum alloy wheels that look great and are light in weight to help enhance vehicle performance.



Optional Power Tilt/Slide Sunroof

An optional power sunroof lends an open-air feeling to the passenger cabin. Easily-reached controls allow the roof to be tilted up for ventilation or slid open for complete exposure. An optional wind deflector is also available.



Features and Benefits



Interior

Instrument Panel Ergonomics and Appearance

Land Cruiser's ergonomics **provide an inviting environment for drivers.** The instruments are **easy to read** and the controls are **easy to reach** and operate — **which can help reduce driver fatigue.**

Full Instrumentation

The Land Cruiser instrument panel contains the following features:

- 130 MPH speedometer
- Tachometer (measures rpms)
- Odometer
- Tripmeter
- Gauges for coolant temperature, oil pressure and fuel level
- A comprehensive array of warning lights



The Land Cruiser's ergonomically designed interior has instruments that are easy to read and controls that are easy to reach. IP shown may have optional equipment.

Features and Benefits

Quality/Dependability/Reliability and Value



KEY FEATURES

Award Quality

High-Strength Steel
Used in the Body

Extensive Rust
Protection

Gold-Plated
Electrical
Connectors

BENEFITS

Land Cruiser was ranked by J.D. Power and Associates as the Best Full-size SUV in Initial Quality for 1996.

Helps improve rigidity in the hood and front fenders.

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

These superior electrical conductors also resist corrosion and oxidation to help improve reliability.

- Polyvinyl chloride (PVC) coating helps protect the wheel wells and other areas of the body against chips that could lead to rust.
- Anti-chip paint is applied to the front edge of the hood and rocker panels to help protect these areas from stone chips and other minor debris thrown from the tires.

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

Land Cruiser'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.

Warranty

Toyota stands behind every Land Cruiser 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.

Dependability

Award Quality

J.D. Power and Associates ranked Land Cruiser the Best Full-size SUV in Initial Quality^{SM,1}. We believe this provides customers **peace of mind** in knowing that Toyota has proven to be a provider of **high initial quality SUVs** by independent researchers.

Body Construction

High-strength steel is used in the hood, front fenders, and other key structural areas to help improve rigidity.

Each Land Cruiser Goes Through An Extensive Rust Inhibitor Process

- Each Land Cruiser 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 help make sure that even the **most inaccessible areas resist rust**.



Rust-resistant body panels

¹ J.D. Power and Associates 1996 Light Truck Initial Quality StudySM. The Land Cruiser is the highest ranked full-size sport utility vehicle in the J.D. Power and Associates 1996 Light Truck Initial Quality StudySM. Study based on a total of 11,815 consumer responses indicating owner reported problems during the first 90 days of ownership.

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 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 limit the motion of the passenger's head and torso in case of a severe frontal impact.

Assist Grips

Handles mounted on the inside roof of a vehicle, above the side windows. They provide a convenient place to grasp and gain 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 helps prevent a vehicle from being put into "Drive" or "Reverse" 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).

CFC-Free Air Conditioning

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

Coil Spring

A thick steel wire that has been coiled and heat-treated to form a very strong spring. Commonly used in car and light truck suspension systems, coil springs are space efficient and can vary in stiffness, even within the same spring (e.g. stiff at the top and not stiff at the bottom). The coil springs on a given vehicle largely define how that car or truck's ride and handling will feel.

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 vehicle to help absorb the impact energy of a collision. These specially formed 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 lessen the forces the impact transfers to the passenger compartment. In essence, the crumple zones of a vehicle deform first to help protect the occupants.

Differential

A gear assembly that allows one driven wheel to turn at a different speed from the wheel on the other end of the axle. This is necessary since an outside wheel has further to travel than an inside wheel when turning a corner.

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.

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. See the Owner's Manual for child seat usage.

Gross Combined Weight (GCW)

The total weight of a vehicle, including all its contents, plus the weight of a trailer and its entire contents. The GCW should not be allowed to exceed the Gross Combined Weight Rating (GCWR).

Gross Combined Weight Rating (GCWR)

The maximum allowable weight as specified by the manufacturer. Exceeding this limit compromises safety.

Gross Vehicle Weight (GVW)

The sum of curb weight and payload. Curb weight is the weight of a vehicle with all fluids, less driver, ready to be operated. Payload is the load added to a vehicle including the driver, passengers and any other cargo.

Gross Vehicle Weight Rating (GVWR)

The maximum allowable loaded vehicle weight. It includes the vehicle and its equipment, fluids, occupants and cargo.

Ground Clearance

The distance between the lowest point on the vehicle and level ground.

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.

Load-Sensing Proportioning Valve (LSPV)

Mounted to the frame and the rear suspension arm/rear axle, the LSPV senses the weight distribution of the vehicle and automatically varies the amount of hydraulic pressure to the rear brakes based on the load in the vehicle. This helps to reduce rear-wheel lock-up with either light or heavy loads to maintain stopping control.

Passenger Window Lock-Out System

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

Payload Rating

The maximum allowable weight a truck can transport — always determined by the manufacturer. Payload is calculated by subtracting curb weight from GVWR. So, if you increase the curb weight by adding components (such as a bigger engine or an automatic transmission), the payload rating will decrease.

Privacy Glass

A deeply-tinted rear and side window glass that helps keep the sun's rays out of the passenger cabin and provides an added measure of occupant privacy.

Recirculating-Ball Steering

A type of steering common to many cars and trucks. Recirculating-ball steering uses a main steering shaft, on the end of which are spiral grooves that are similar to the threads of a screw, and an accompanying nut. Low-friction recirculating balls (similar to ball bearings) line the spiral grooves, allowing the nut to move up and down easily as the steering wheel is turned. The motion of the nut, in turn, rotates an output shaft through an interfacing gear. The rotation of the output shaft pushes the vehicle's steering linkage in a horizontal plane, steering the wheels. This system is known for proven durability and reduced driver effort while maintaining control and feel.

Safety Glass (Laminated)

Used in Land Cruiser 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.

Glossary

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 help deflect certain types of side impacts. They are designed to help protect passengers from intrusion in certain types of side collisions.

Steel Skid Plates

Steel plates mounted under a vehicle's body for off-road protection of key components from rocks and ruts. All Land Cruisers have skid plates that shield the front suspension, fuel tank and transfer case.

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. Torque is important in getting heavy loads moving.

Towing Capacity

The maximum weight a truck can pull. Towing the maximum weight may require a particular transmission, trailer hitch or other equipment.

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 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 Land Cruiser 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.

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.

Ventilated Disc Brakes

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

Notes

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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-G

1 9 9 7 INTERIOR TRIM



LAND CRUISER

EXTERIOR	CODE	INTERIOR	CODE	CLOTH	LEATHER ¹
White	(045)	Gray	(10).....■.....		
		Oak	(42).....■.....		
Moonglow Pearl	(1A6)	Gray	(10).....■.....		
		Oak	(42).....■.....		
Black†	(202)	Gray	(10).....■.....		
		Oak	(42).....■.....		
Medium Red Pearl	(3H4)	Oak	(42).....■.....		
Dark Emerald Pearl	(6M1)	Gray	(10).....■.....		
		Oak	(42).....■.....		
Nightshadow Pearl	(8K0)	Gray	(10).....■.....		
		Oak	(42).....■.....		
Two-Tone Beige/Gray Metallic	(2AB)	Gray	(10).....■.....		
		Oak	(42).....■.....		
Two-Tone Green/Gray Metallic	(2AC)	Gray	(10).....■.....		

Notes:

(1) Optional

† Chrome mirrors and door handles included

Land Cruiser



Cloth

Gray (10)



Cloth

Oak (42)



Leather

Gray (10)



Leather

Oak (42)

1 9 9 7
EXTERIOR
COLORS



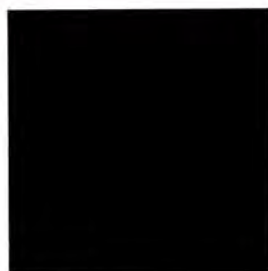
LAND CRUISER



White (045)



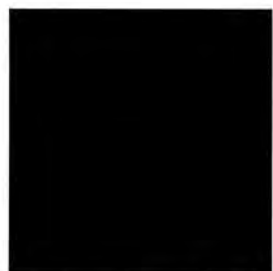
Moonglow Pearl (1A6)



Black (202)



Medium Red Pearl (3H4)



Dark Emerald Pearl (6M1)



Nightshadow Pearl (8K0)



Two-Tone Beige/Gray Met. (2AB)



Two-Tone Green/Gray Met. (2AC)

