

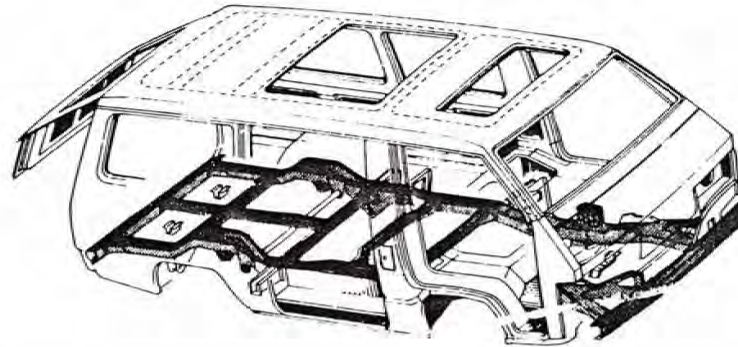
TOYOTA

**1984
NEW
MODEL
HIGHLIGHTS**

MAJOR ADDITIONS/CHANGES (Continued)

Mechanical: (Continued)

- An energy absorbing frame design has been provided to protect vital components in the event of an accident.



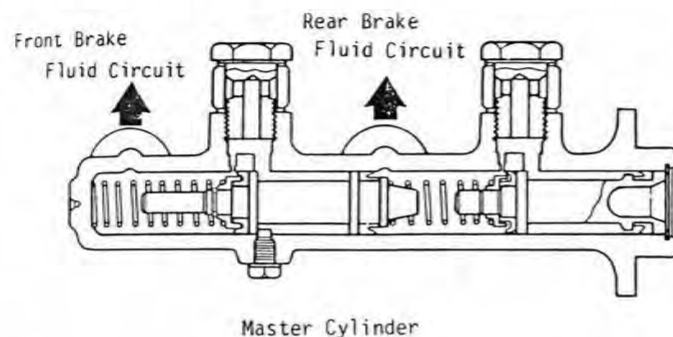
Options:

- Power window (LE only).
- Two-tone package (LE only, includes paint, color-keyed bumpers).
- Aluminum wheels (LE only).
- Power steering (standard on LE, optional on Deluxe).
- Cruise control.
- Sunroof package (LE only, includes dual sunroofs, maplights, fabric sunvisors, molded headliners).
- AM/FM/MPX radios (standard on LE, optional on Deluxe).
- AM/FM/MPX cassette radio.
- Electronic radio with AMP/equalizer (LE only).
- Dual air conditioning.
- Ice maker (LE only, available with dual A/C only).
- Rear wiper/washer (standard on LE, optional on Deluxe).
- Tilt wheel (standard on LE, optional on Deluxe).

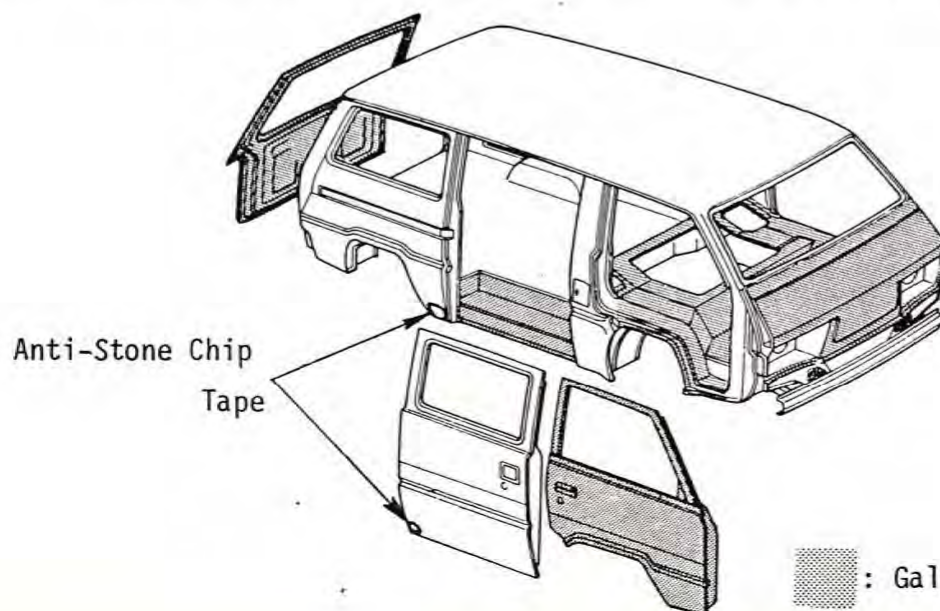
MAJOR ADDITIONS/CHANGES (Continued)


Mechanical: (Continued)

- The power braking system consists of front ventilated discs combined with rear drums. Front and rear brakes have independent fluid circuits as well as being assisted by a standard vacuum booster. A load sensing proportioning valve assures even braking regardless of the vehicle's load.



- Excellent anti-corrosion characteristics have been achieved by wide use of galvanealed steel. Anti-chip tape has also been applied in front of the rear wheel opening to help prevent rust resulting from paint chipping.

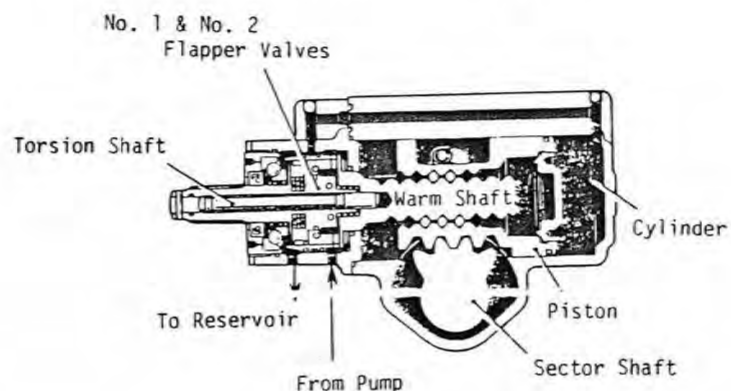


 : Galvanealed Steel Parts

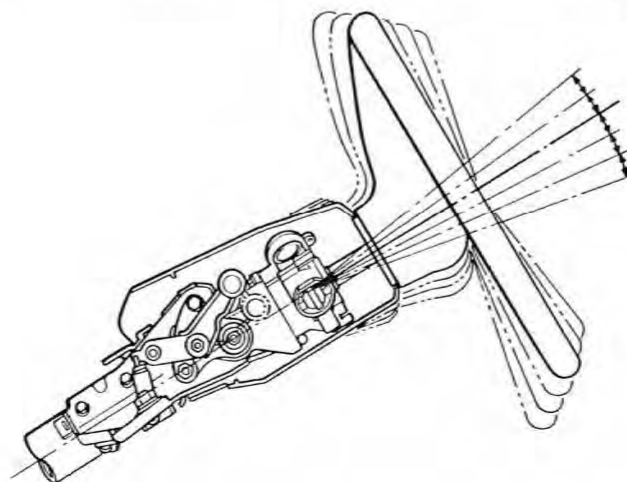
MAJOR ADDITIONS/CHANGES (Continued)

Mechanical: (Continued)

- A recirculating ball type of steering box has been adopted. Steering gear ratios are:
 - Manual steering 21 ~ 24 (variable) (standard on Deluxe)
 - Power steering 18.7 (standard on LE, optional on Deluxe)



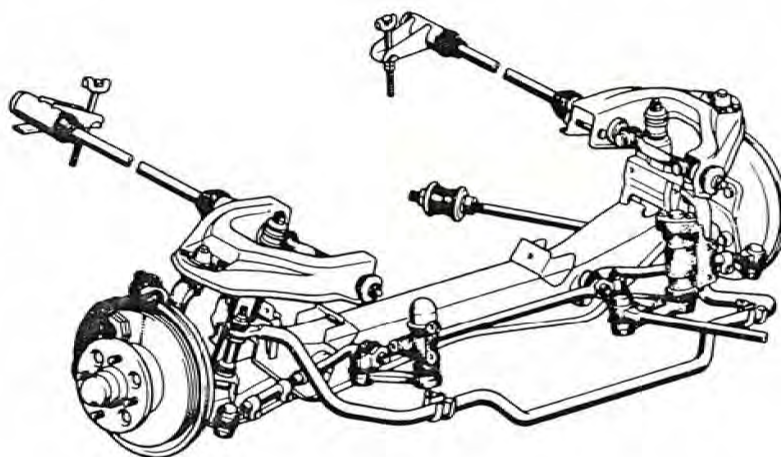
- Tilt steering has been made standard on the LE grade and optional on the deluxe.



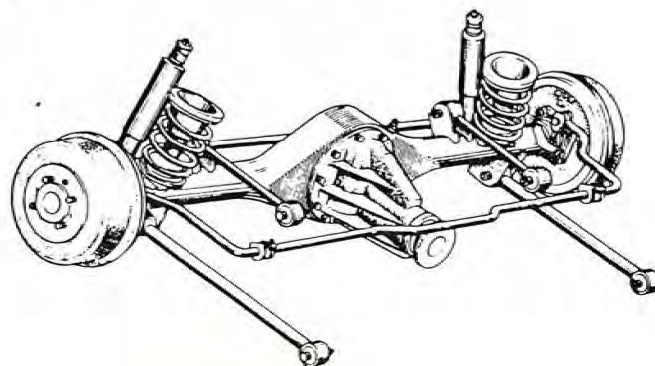
MAJOR ADDITIONS/CHANGES (Continued)

Mechanical: (Continued)

- For increased stability and ride comfort a double wishbone upper torsion bar front suspension is utilized. This design also incorporates a stabilized bar for good anti-roll characteristics and low pressure gas filled shock absorber for constant shock absorption.



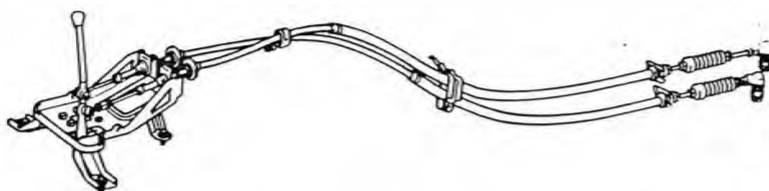
- The rear suspension utilizes coil springs with a 4-link design. The 4-link design is unique to Toyota in a Van type vehicle. Shock absorbers are of the low pressure gas filled type and a stabilizer bar is used to give good anti-roll rigidity.



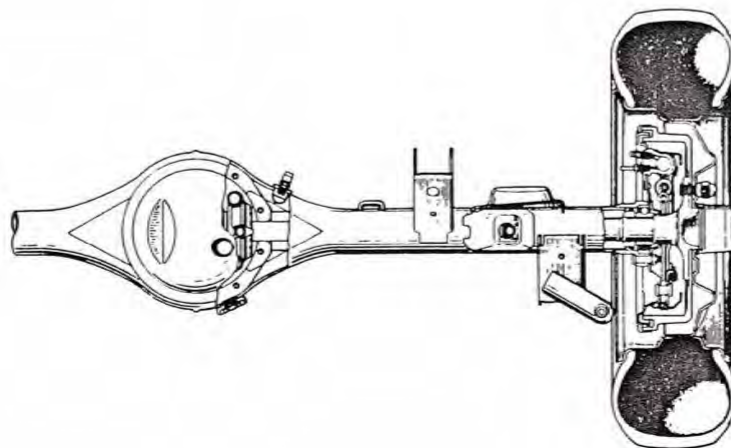
MAJOR ADDITIONS/CHANGES (Continued)

Mechanical: (Continued)

- Similar to that used on the Camry, a push-pull arrangement of cables is used for the manual transmission.



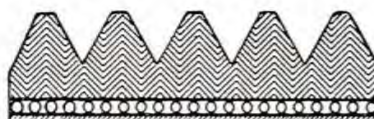
- The rear axle is of the semi-floating type.



MAJOR ADDITIONS/CHANGES (Continued)

Mechanical: (Continued)

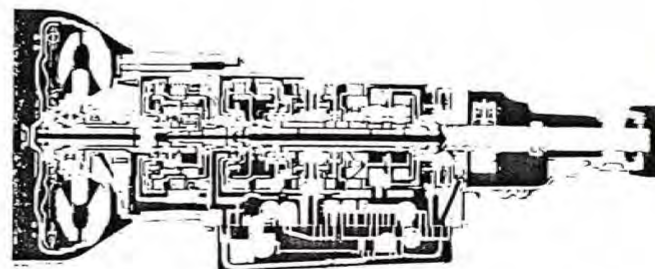
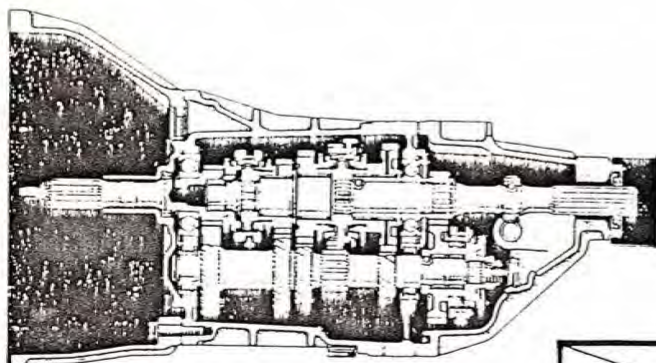
- The fan belt is of the ribbed-V configuration for increased reliability.



- Two types of transmissions are available for the Van Wagon.
 - The manual 5-speed designated the G53.
 - The 4-speed overdrive, lock-up type, automatic transmission designated the A44DL.

- Manual Transmission

- Automatic Transmission

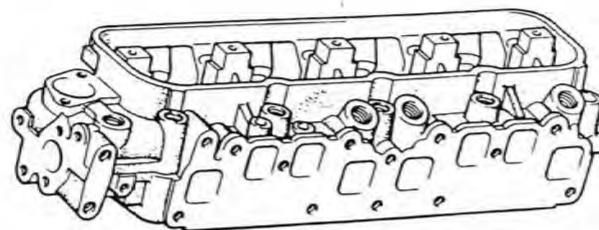


		Manual Transmission	Automatic Transmission
		G53	A44DL
Gear Ratio	1st	3.704	2.826
	2nd	2.020	1.493
	3rd	1.369	1.000
	4th	1.000	0.688
	5th	0.802	—
	Reverse	4.472	2.704

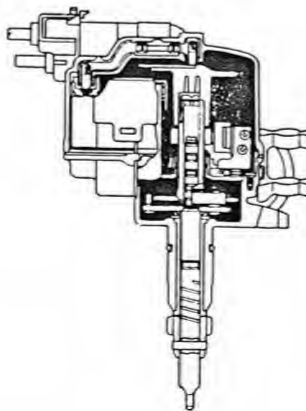
MAJOR ADDITIONS/CHANGES (Continued)

Mechanical: (Continued)

- To reduce weight an aluminum cylinder head is employed using hydraulic valve tappets to operate the valve mechanism. This eliminates the need for periodic valve clearance adjustment.



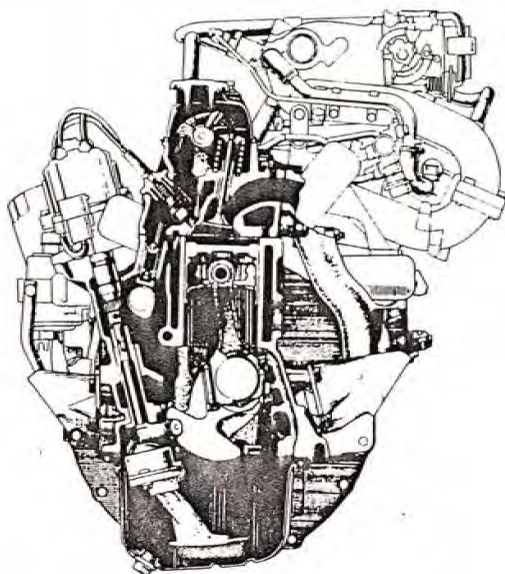
- A fully transistorized I.I.A. (Integrated Ignition Assembly) has been adopted to increase reliability and reduce weight. Platinum tipped spark plugs with a maintenance interval of 60,000 miles have also been added to the ignition system.



MAJOR ADDITIONS/CHANGES (Continued)

Mechanical:

- The Van Wagon is powered by a 1988cc (2.0 liter) 4-cylinder electronically fuel injected engine. This lightweight powerplant provides high performance and low fuel consumption in a compact size. It is designated the 3Y-EC engine.



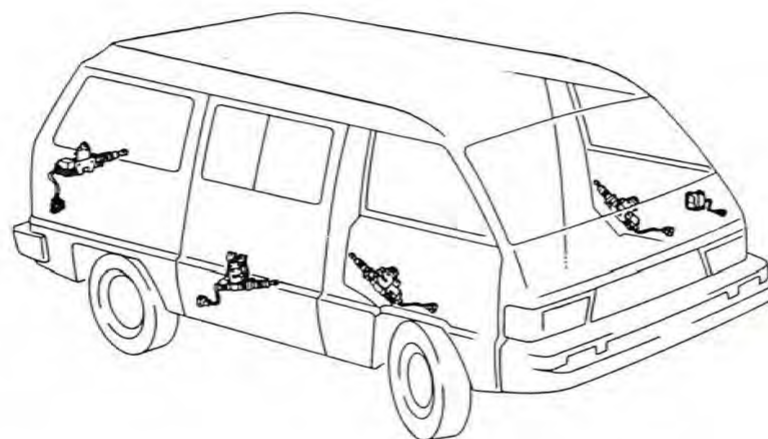
• Engine Specifications

Item \ Engine Type		3Y-EC
Piston Displacement		1,998 cc (122 cu.in.)
Bore		86.0 mm (3.4 in.)
Stroke		86.0 mm (3.4 in.)
Compression Ratio		8.8
Max. Output	(SAE Net)	67 kW (90 HP) /4,400 rpm
Max. Torque	(SAE Net)	163 N-m (120 ft.lb.) /3,000 rpm

MAJOR ADDITIONS/CHANGES (Continued)

Functional: (Continued)

- A power central door lock system is standard on the LE grade. Both front doors, side door and rear door are locked automatically with the touch of a button. On LE models, a warning light notifies the driver if the rear hatch is unlocked. This function is combined with the door ajar light.



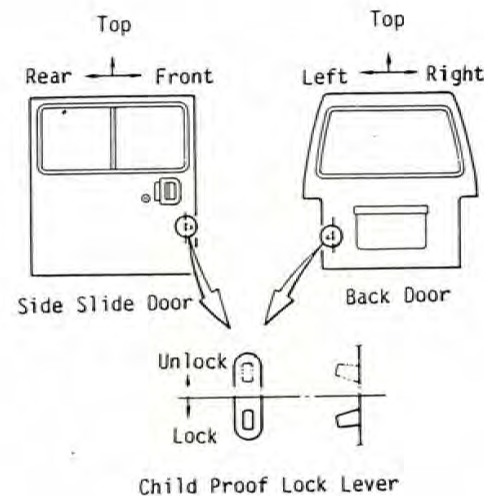
Electrical Components of Central Door Locking System

- A rear window wiper will be standard on LE models to aid rearward vision in indement weather. This feature is optional on Deluxe models.

MAJOR ADDITIONS/CHANGES (Continued)

Functional: (Continued)

- Child-protector door locks are provided on the side and rear doors.



- The standard LE radio is a 3-speaker AM/FM/MPX. This radio is optional on Deluxe models. Additionally, a 5-speaker AM/FM/MPX with cassette is available on both models and an electronic AM/FM/MPX with cassette and equalizer on the LE's.

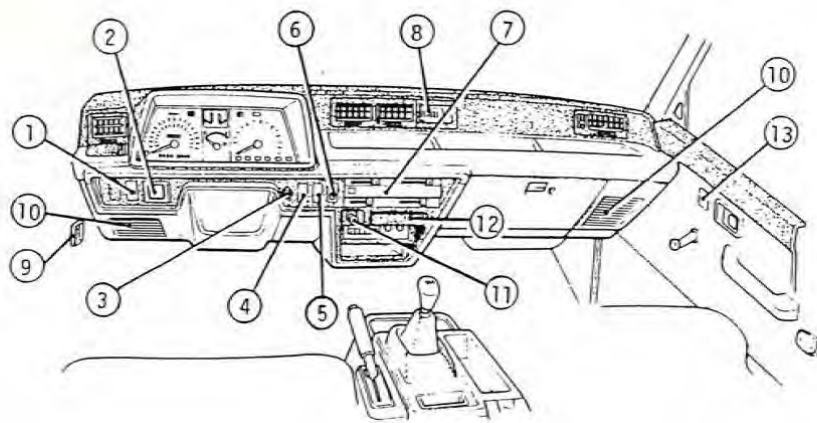
MAJOR ADDITIONS/CHANGES (Continued)

Functional:

- A dual (front and rear) sunroof is available on the LE grade.
 - The front is of the pop-up glass type, operated by rotating a serrated knob. A sliding sunshade is also provided.
 - The rear sunroof is a electric steel sliding panel. This large sunroof has wind deflectors which are located on the leading edge of the opening.

Both roofs can be operated from the driver's seat.

- The instrument panel layout provides easy-to-see gauges and easy-to-use switches and controls.

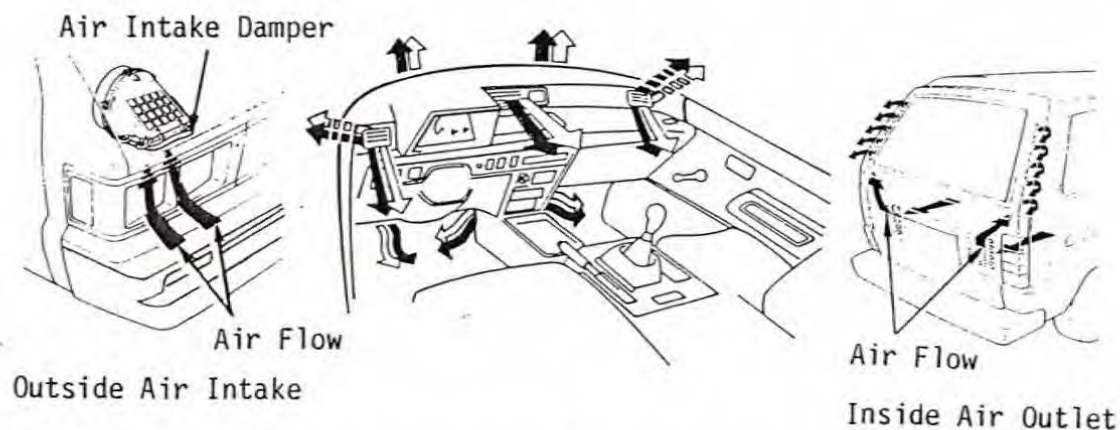


1. Rear window defogger switch
2. Remote control mirror switch
3. Meter illumination switch
4. Rear wiper switch
5. Cruise control switch
6. Rear heater and A/C switch
7. Heater control panel
8. Digital clock
9. Central door locking switch
10. Speaker
11. Cigarette lighter
12. Ash tray
13. Power window switch

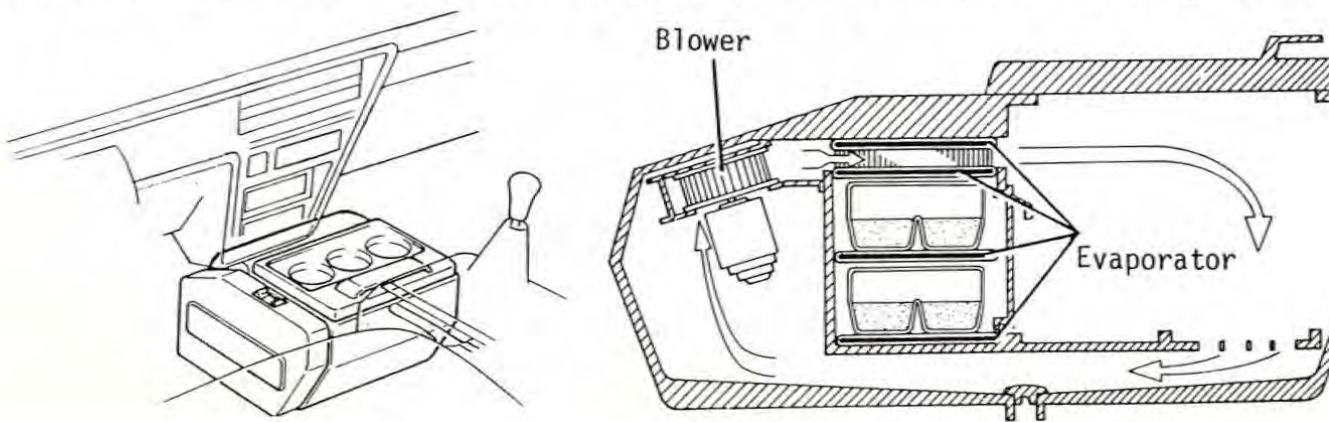
MAJOR ADDITIONS/CHANGES (Continued)

Interior: (Continued)

- The ventilation, heating and air conditioning system provides a multitude of air ducts to provide a comfortable interior. Rear heater is standard equipment in all areas, including California as a result of the All-Weather Guard Package being made standard on Van Wagons.



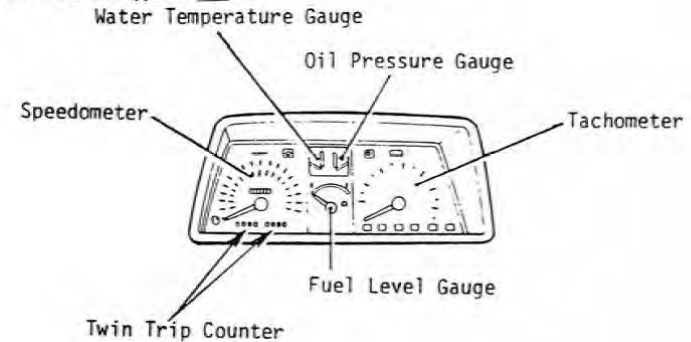
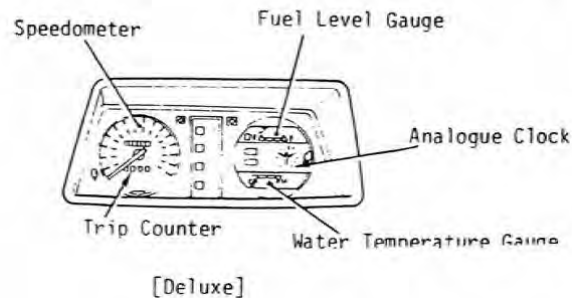
- For additional comfort a dual air conditioning system has been made available. Controls are located both at the instrument panel and behind the driver on the roof area. These controls can be operated independently to provide optimum comfort to both the driver's area and the rear passengers.
- Available as an option on LE models with the dual air conditioner is the ice maker cool box. Located in front of the gear shift console it comes complete with ice cube trays and storage for six beverage cans.



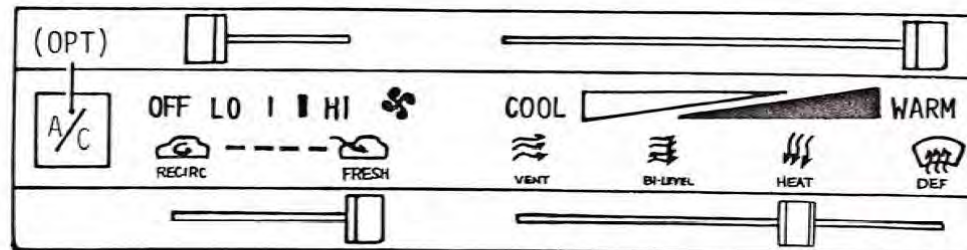
MAJOR ADDITIONS/CHANGES (Continued)

Interior: (Continued)

- Two styles of instrument panel are available depending on trim grade.



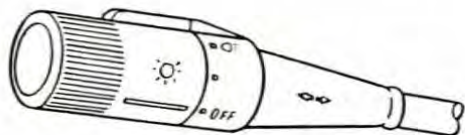
- An air mix type of heating/ventilating system has been adopted to allow for a more precise blending of cool and warm air.



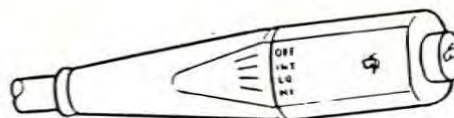
MAJOR ADDITIONS/CHANGES (Continued)

Interior: (Continued)

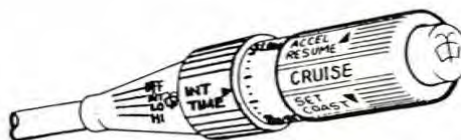
- The steering wheel features a flat bottom design to improve entry and exit from the vehicle.
- Steering column mounted controls include:
 - Headlight switch
 - Wiper switch
 - Optional cruise control (mounted at the end of the wiper stalk).



Headlight Switch



Wiper Switch

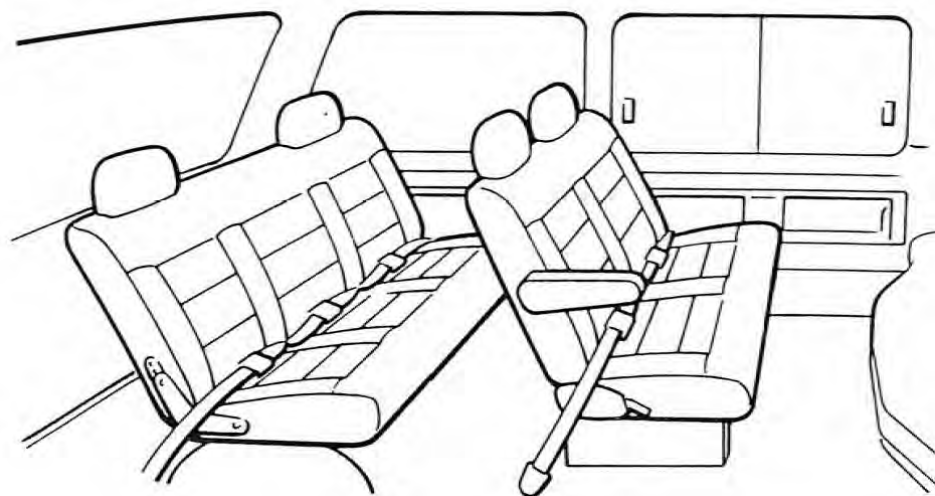


Wiper Switch
(with Cruise Control)

MAJOR ADDITIONS/CHANGES (Continued)

Interior: (Continued)

- In the rear compartment a 2-passenger bench seat is located mid row and a 3-passenger bench seat is provided for the last row.



- Both bench seats provide head restraints for two passengers.
- The mid row seat has a foldable armrest and can be fully reclined. This forms a simple type of bed together with the bench seat of the last row.
- Both bench seats can be removed quickly without the use of tools.
- Rear seat belts are also of the quick release type and can be removed easily in order to accommodate cargo.

MAJOR ADDITIONS/CHANGES (Continued)

Exterior: (Continued)

- Body side molding is standard on LE grades.
- Dual electric remote control mirrors have been provided for LE models.
- Dark tinted privacy glass (brown or blue) is standard on LE models.
- A unique antenna design follows the garageable concept of the Van Wagon. Upon contact with a garage door, the antenna drops to a retracted position. It can be manually repositioned to its normal height after leaving the garage.

Interior:

- The Van Wagon's interior seats seven (7) people in a passenger car atmosphere.
 - High grade interior appearance.
 - Excellent space utility.
 - Passenger car instrument panel and console.
- Two types of front bucket seats are used, LE and Deluxe with corresponding seat upholstery material.
 - LE seat adjustments
 1. Sports style seat
 2. Notched seat cushion
 3. Reclining back
 4. Fore and aft travel
 5. Fore and aft adjustable head restraint
 6. 3-stage lumbar support for driver
 - Deluxe seat adjustments
 1. Notched seat cushion
 2. Reclining back
 3. Fore and aft travel
 - The notched seat cushion shape has been developed to ease entry and exit from the driver's and passenger's seats.

MAJOR ADDITIONS/CHANGES (Continued)

Exterior: (Continued)

- The exterior styling of the new Van Wagon incorporates many unique design features.
 - Excellent aerodynamic characteristics which includes:
 - A wedge shaped appearance (Cd of .40) best of any Van or Van Wagon in the U.S. market.
 - Slanted nose and windshield.
 - Smooth body contours.
 - Large urethane bumpers.
 - Large glass area for excellent visibility.
 - Sporty, aerodynamic outside rearview mirrors.
- A sliding side door on the right side and a hatch type door in the rear have been incorporated.
- Two types of wheels are made available on the 1984 Van Wagon:

The standard steel disc wheel



The optional aluminum wheel (available on LE only).



TOYOTA

Product Information

VAN WAGON - A totally new addition to the Toyota lineup. This versatile new model offers the 7-passenger capacity and cargo loading capability of a "GARAGEABLE" Van combined with the fuel-economy and comfort of a car. From the aerodynamic styling to the fuel injected engine the Van Wagon will add greatly to the Toyota family.

Van Wagon Model Line-up

1984:	Transmission:
Van Wagon Deluxe	5SM, 4SA
Van Wagon LE	5SM, 4SA

Total Models: 2

MAJOR ADDITIONS/CHANGES

Exterior:

