

Revised September 23, 2002

MAINTENANCE SCHEDULE

NORMAL SERVICE INTERVALS

7,500 miles	A
15,000 miles	A
22,500 miles	A E
30,000 miles	A B
37,500 miles	A F
45,000 miles	A C
52,500 miles	A
60,000 miles	A B D E
67,500 miles	A
75,000 miles	A C
82,500 miles	A
90,000 miles	A B

Unique driving conditions*

Every 5,000 miles change oil/filter, inspect coolant level, lights, brake/clutch fluid, tire pressure/wear, power steering fluid, locks/hinges and washer fluid

Maintenance notes:

Rotate tires every 7,500 miles or sooner if needed

Replace cabin air filter once a year or every 12,000 miles†

A. Change: Engine oil/replace filter

Lubricate: All locks and hinges

B. Inspect: Drive belts, fuel lines and hoses, brake lines, hoses and connections, disc and drum brakes, steering operation and linkages, front suspension ball joints, driveshaft dust boots, chassis and body bolts and nuts, exhaust system, heat shields, refrigerant amount and compressor operation

Replace: Brake fluid

C. Change: Engine coolant

D. Inspect: PVC valve, hoses and tubes for emission system

E. Clean: Air filter

F. Replace: Air filter

*Special operating conditions

†See Owner's Manual

This Quick Tips® guide is provided by Mazda North American Operations to make your Mazda ownership experience more convenient. It is not intended to replace your Owner's Manual.

If you have any questions about your vehicle, you are invited to contact your local dealer.

Or if you need additional help, feel free to call our

Customer Assistance Center at 1-800-222-5500

Monday through Friday,
9 a.m.-4:45 p.m., Pacific
9 a.m.-5:45 p.m., Eastern/Central



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2003

MAZDA MPV

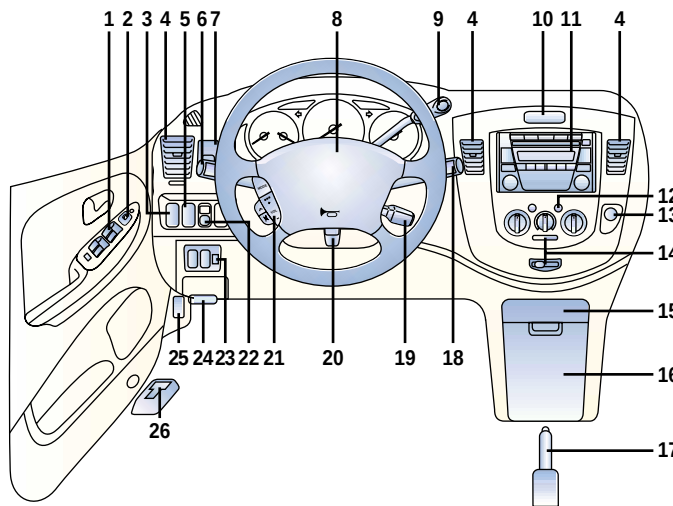
Quick Tips®

Reference
Guide for
Controls and
Functions



Revised September 23, 2002

DRIVER'S VIEW



Key
Operates ignition and all locks

 **Tip:** Use key number plate to purchase a new key; store in safe place separate from vehicle

Immobilizer system*
Prevents engine from starting unless coded key used; see Owner's Manual

Remote Keyless Entry System*,
see Locks

- | | | |
|---|---|---|
| 1. Power window switches*,
see Switches/Locks | 10. Hazard warning switch
Push on/off | 20. Tilt steering-wheel lever
Pull lever down, position wheel; push lever up |
| 2. Power door locks*,
see Switches/Locks | 11. Audio system,
see Audio Systems | 21. Audio control switches,
see Driver Controls |
| 3. Fog lights*
Press on/off; functions only with headlight low beams on | 12. Rear window defroster switch | 22.  Instrument panel lighting
Turn thumb-wheel up/down to increase/decrease intensity |
| 4. Air vents | 13. Lighter | 23. Power sliding door switches, see Power Sliding Doors |
| 5. ^{TCS OFF} Traction control system* | 14. Climate control panel,
see Climate Controls | 24.  Hood release handle |
| 6. Turn signal/lighting control lever,
see Driver Controls | 15. Cup holder/ashtray | 25. Fuse panel |
| 7. Power outside mirror switch*, see Switches/Locks | 16. Front console | 26. Remote fuel door release |
| 8. Horn and driver's air bag | 17. Parking brake lever | |
| 9. Gearshift lever,
see Transaxle | 18. Wiper/washer lever,
see Driver Controls | |
| | 19. Cruise control lever*,
see Driver Controls | |

*Denotes optional equipment

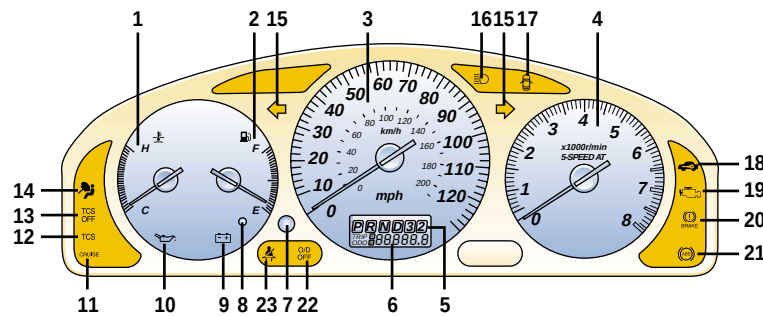
Always check the Owner's Manual for more operating information and safety features

Driver's
View

Revised September 23, 2002

Instrument Cluster

INSTRUMENT CLUSTER



GAUGES

1. Coolant temperature gauge

If above normal range, stop vehicle and turn off engine; check coolant level when safe

2. Fuel gauge

19.8-gallon/75-liter tank

3. Speedometer**4. Tachometer****5. Gear indicator****6. Odometer/trip meter****7. Odometer/trip meter select button**

Press to select odometer, trip A or trip B

Press and hold to reset selected trip odometer

8. Low fuel level

WARNING LIGHTS

9. Charging system warning light

Dealer inspection required

10. Low engine oil pressure warning light

Stop vehicle and turn off engine; check oil level

11. Cruise control***12. TCS Traction Control System***

Light flashes when in use; dealer inspection required if light remains on

13. Traction Control System* off

System turned off manually or malfunctioning; dealer inspection required

14. Air bag readiness

Air bag malfunction, dealer inspection required

15. Turn signals/hazard warning on**16. High beams on****17. Door ajar****18. Immobilizer system/security light*****19. Check engine**

Possible faulty emission control, dealer inspection required, or fuel filler cap not tight

20. Brake system

Parking brake on/low fluid level

21. Anti-lock Brake System (ABS)*

ABS malfunction, normal brakes only, dealer inspection required

22. Overdrive off indicator,

see Transaxle
Lights when the overdrive button is in the off position

23. Always fasten safety belts

*Denotes optional equipment

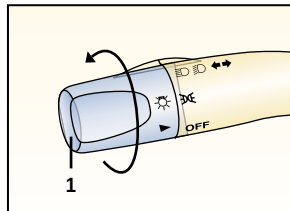
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Instrument Cluster

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Driver Controls

DRIVER CONTROLS

**Turn signal/lighting control lever**

OFF = Lights off

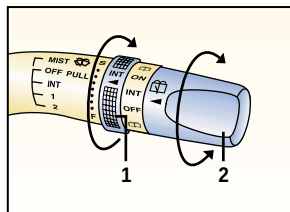
☐ = Tail, parking and dashboard lights on: Rotate knob (1) to first notch

☐ = Tail, parking, dashboard and headlights on: Rotate knob (1) to second notch

High beams on/off: Push lever forward to detent/pull back to detent

To flash high beams: Pull lever back slightly and release

Turn signals right/left: Move lever up/down

**Wiper/washer control lever**

To activate interval wipers:

Push lever down to first detent and rotate knob (1) to desired speed

To activate wiper normal or low speed: Push down to second detent

To activate high speed: Push lever down to third detent

To activate washer: Pull lever back and release

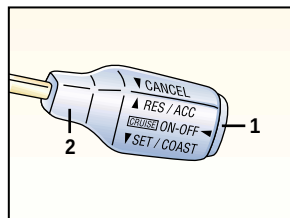
To activate mist: Push lever up and release

To activate rear interval wiper:

Rotate knob (2) up to INT

To activate rear normal speed wiper: Rotate knob (2) up to ON

To activate rear washer: Rotate knob (2) to ☐ and release

**Cruise control***Operates above 25 mph
Press main switch (1)

To set speed: Accelerate to desired speed and move lever (2) down and release

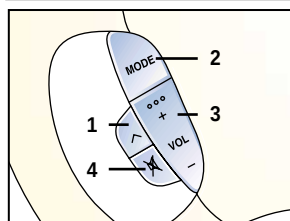
To decelerate: Move lever (2) down and hold; then release at desired speed

Incremental deceleration: Move lever (2) down and release; each tap = minus 1 mph

Incremental acceleration: Move lever up and release; each tap = plus 1 mph

To cancel: Tap brake pedal, pull lever (2) back or press main switch (1)

Return to preset speed (after braking): Move lever (2) up and release

**Steering-wheel audio controls****1. ^ Seek**

Radio: Press to select preset stations

Cassette/CD/MD: Press to select next selection/track

2. Mode

Press to select AM, FM1, FM2, TAPE, CD or MD

3. Volume

Press: Up/down to adjust volume

4. Mute

Press to mute

*Denotes optional equipment

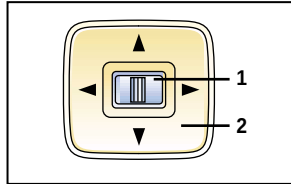
Always check the Owner's Manual for more operating information and safety features

Driver Controls

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Switches/
Locks

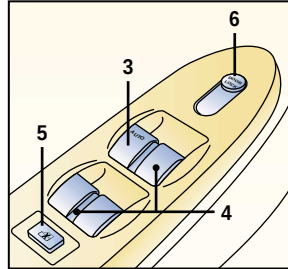
SWITCHES / LOCKS

**Power remote outside mirrors***

Operate only with ignition on

To adjust left/right mirror: Slide selector switch (1) left/right, press perimeter switch (2) in direction of desired mirror movement

Tip: To lock mirrors in place, move switch to center position

**Power windows***

Operate only with ignition on
All windows controlled from driver's door; passenger doors have separate switches

Driver's window: "One-touch" down: Press switch (3) and release, window goes down all the way; lift switch to stop; lift switch to close

Passenger window switches (4): Push/lift switch to open/close

Power window lock switch (5)

Push switch, only driver's window functions; press again, all windows operate

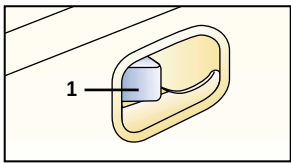
Master front door lock switch

To lock/unlock all doors: Press front/rear of switch (6)

To lock doors without key: With door open, press front of switch (6), exit vehicle, close doors

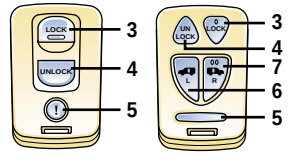
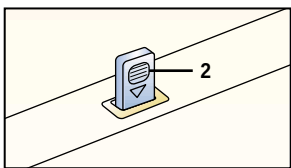
To lock/unlock with key: Turn key in driver's door clockwise/counterclockwise

Tip: Doors can be locked with key in ignition (chime sounds to alert you that key is in ignition)

**Door lock buttons**

1. Front door lock buttons
To lock: Press front of lock button
To unlock: Pull lock button out

2. Sliding door lock buttons
To lock: Push button down
To unlock: Pull button up

**Remote Keyless Entry System***

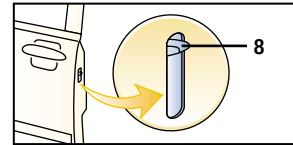
Functions only with ignition in OFF position

To lock doors: Press LOCK button (3); pressing again within 5 seconds causes doors to relock and horn to beep

To unlock: Press UNLOCK button (4) for driver's door; press again within 5 seconds to unlock other doors

Panic alarm: Press ! button (5); horn sounds, headlights/hazard warning lamps flash; to stop press (5) again or turn ignition to ON position

Sliding doors: Press (6/7) to open/close left/right doors

**Child-safety locks**

Located at the edge of rear doors

To activate: Push tab (8) down; door opens from outside only

To cancel: Pull tab up

WARNING: Since children may access either rear door, child-safety locks for both rear doors should be activated and make sure power sliding doors* main switch is in OFF position; child-safety locks do not depower door post switches

*Denotes optional equipment

Always check the Owner's Manual for more operating information and safety features

Locks

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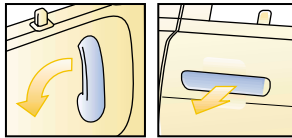
Power
Sliding Doors

POWER SLIDING DOORS

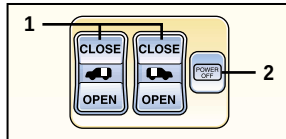
Power sliding doors*

The power sliding doors can be opened/closed by using: Exterior/interior door handles, keyless remote, lower dashboard power sliding door switches and one switch on each sliding door post

⚠ WARNING: Read all information and warnings related to power sliding doors in Owner's Manual

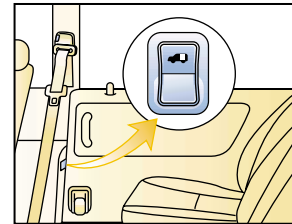
**Opening/closing using door handles**

Power sliding doors automatically open/close by sliding door in desired direction; buzzer will sound before door operates

**Operation from front seat**

Power sliding doors main switch: Press (2) to disable/enable system

Opening/closing using switches: Stop vehicle, shift into park and apply parking brake; unlock sliding doors and press main switch (2) to ON position; press left/right switches (1) to open/close. Press switch for 1 second, doors automatically open or close after buzzer sounds; press again to stop. Power sliding doors malfunction; buzzer sounds continuously; press main switch to OFF position to disable, see your Mazda Dealer

**Operation from rear seats**

Press switch for 1 second, doors automatically open or close after buzzer sounds; press again to stop

⚡ Tips: The system operates only in PARK position

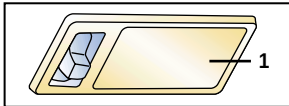
The system will not operate if one or both of the sliding doors are locked

The system may not operate correctly if battery voltage is low

⚡ Tip: Make sure MAIN SWITCH is in ON position; MAIN SWITCH ON position is when switch is sticking outward allowing you to see red outline on button

⚡ Tips: Each time switch is pressed, a beep sounds, this is normal. If the system is completely inoperative, both sliding doors can be operated manually

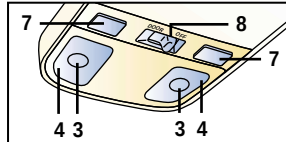
⚠ WARNING: When child-safety lock is in locked position, make sure MAIN SWITCH is in OFF position because child locks do not depower door post switches

**1. Liftgate light**

OFF = Light always off
ON = Light on if door open

**2. Rear interior light**

ON = Light always on
DOOR = Light on if door open
OFF = Light always off

**3. Map lights**

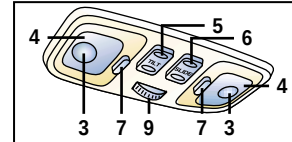
On/off: Press switches (7)

4. Interior lights

Slide switch (8)

OFF = Lights always off
DOOR = Lights on if door open
Rotate switch (9) clockwise/ counterclockwise for DOOR/OFF

*Denotes optional equipment

**5. Sunroof tilt switch***

Operates only with ignition on
To tilt/close: Press and hold rear/front of switch

6. Sunroof slide switch*

Operates only with ignition on
To open: Press and hold rear of switch until panel is in desired position
To close: Press and hold front of switch

Always check the Owner's Manual for more operating information and safety features

Lights

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Seats

SEATS

Manual seat controls**1. Fore-aft adjustment**

Lift lever, slide seat

2. Head restraint

To raise/lower: Pull up/push stop-catch (7) and push down

3. Seatback angle

To adjust: Lift and hold lever, lean forward or backward, release lever

4. Seat tilt (Driver's only)*

Rotate front/rear dial to change angle of seat front/rear

Power driver's seat controls**5. Fore/aft adjustment**

Slide switch horizontally

Raise/lower seat cushion

Pull/push center vertically

Raise/lower front of seat

Pull/push front vertically

Raise/lower rear of seat

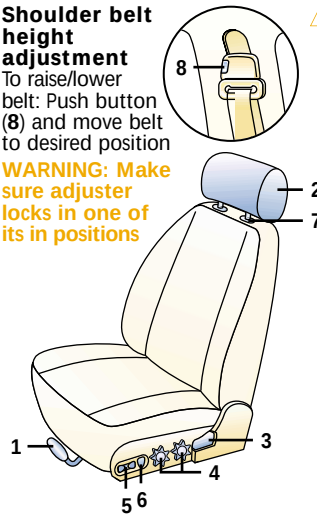
Pull/push rear vertically

6. Seatback angle

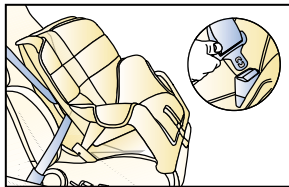
Press front/rear of switch

Shoulder belt height adjustment

To raise/lower belt: Push button (8) and move belt to desired position

⚠ **WARNING: Make sure adjuster locks in one of its positions**

⚠ **WARNINGS: Do not adjust seats while driving**
Safety belts must always be worn when vehicle is in motion
All air bags are supplemental and do not replace safety belt usage
Always wear your safety belt
Always properly secure children 12 and under in a rear seat
Use age appropriate child restraints, see Owner's Manual and state or province laws
Never place rear-facing infant-safety seat in front of any air bag, an infant is in serious danger of being injured or killed
If you choose to install a forward-facing child-safety seat in the front seating position, move vehicle seat as far back as possible
 For special rear seat operations, see Owner's Manual

**Child-safety seat**

To install in rear outboard seats: Use dual locking mode retractor seat belts; see Owner's Manual for proper installation and child seat tether and LATCH system instructions

⚠ **WARNINGS: Read all information and warnings in Owner's Manual and attached to seat before using child-safety seat**

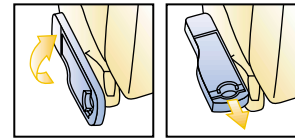
Dual locking mode lap/shoulder belt retractor (Front passenger and rear retractable safety belts only)

Emergency locking mode: Belt locks only on hard braking/cornering or impacts of about 5 mph or more

Automatic locking mode: Must be used when installing child-safety seat

To activate: Pull webbing fully out of retractor until click is heard; belt will only tighten

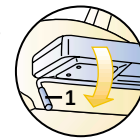
To disengage: Unbuckle belt and allow webbing to retract fully

**Front passenger seat side table**

Pull up to locked position; push down to verify table is secure

Expand table rearward by pulling out the rear

Lowering side table: Pull lever (1) under table frontal section and fold down completely



⚠ **WARNING: Do not use front passenger seat side table while vehicle is in motion**

*Denotes optional equipment

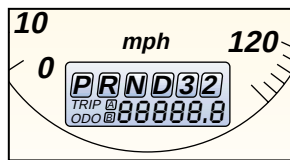
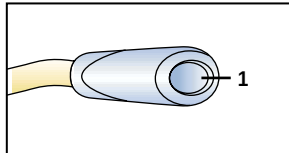
Always check the Owner's Manual for more operating information and safety features

Seats

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Transaxle

TRANSAXLE

**Automatic transaxle****P = Park**

To move gearshift from Park:
Press firmly on brake pedal

R = Reverse**N = Neutral**

No gear engaged

D (Overdrive)

For normal driving: Shifts through four forward gears automatically

Tip: Torque converter lock-up improves fuel economy and can feel like an additional gear

D (Overdrive Off)

Press overdrive off switch (1) to disengage/engage overdrive; indicator light on instrument panel will illuminate; shifts through three forward gears automatically

Provides extra power and increased engine braking; stops 3rd-4th gear cycling in stop/go driving

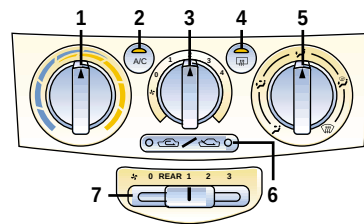
3 = Third

Provides extra power and increased engine braking

Use to reduce wheel spin when starting on slippery surfaces

2 = Second

Use for engine braking when 3rd is not sufficient

**1. Temperature control**

Rotate knob to blue for cool, red for warm

Control positions for maximum defrost

Fan to maximum, temperature to maximum hot, air flow selector knob to

2. Air Conditioning

Press on/off

3. Fan control

Rotate knob

4. Rear window defrost

Press on/off, shuts off with ignition or cycles off/on after 20 minutes

5. Air flow selections

= air to dash

= air to dash and floor

= air to floor

= air to floor and windshield

= air to windshield

6. Air intake selection switch

Press / for cooling with inside/outside air

7. Rear air conditioning switch*

0 = fan off

REAR = select fan speed from rear control

1 = low

2 = medium

3 = high

Tips: To help prevent windshield fogging in humid weather, select before starting engine

To prevent moisture buildup, never drive with system off
Objects placed under the front seats may interfere with air flow to the rear

*Denotes optional equipment

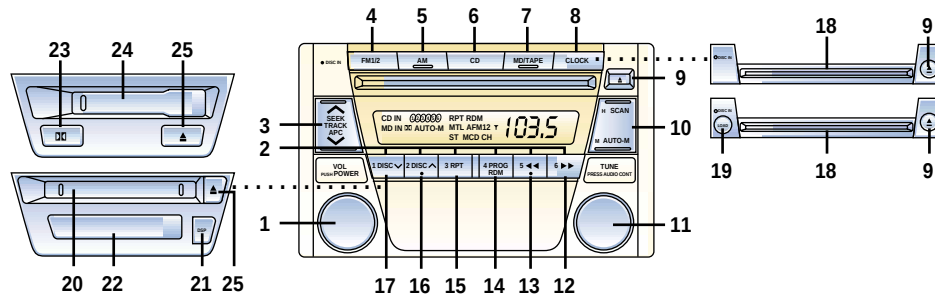
Always check the Owner's Manual for more operating information and safety features

Climate Controls

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Audio
Systems

RADIO/CASSETTE/COMPACT DISC



Steering-wheel audio controls, see Driver Controls

1. Power/Volume

Press to turn on/off; rotate to increase/decrease volume

2. Memory preset buttons

To set: Tune to station, press and hold until beep is heard

8. Clock

To set: Press (8) and hold until beep is heard; press upper/lower portion of (10) to advance Hours/Minutes; press (8) again to set

9. CD eject button

14. Program Random[†]

Press to enable/cancel random play

15. Repeat

Press to replay current CD/tape selection

16. Disc up[†]

Press to skip forward to beginning of next CD

3. SEEK/TRACK/APC

Radio: Press $\wedge$ / $\vee$ to automatically seek higher/lower frequency

CD: Press $\wedge$ / $\vee$ to select next/previous track

Tape: Press $\wedge$ / $\vee$ to automatically advance tape to beginning of next selection/replay selection; to stop this operation, press button again

4. FM1/2

Press to select between FM1/FM2 station preset buttons (2)

5. AM

Press to select AM frequency band

6. CD

Press to play CD

7. MD*/Tape*

Press to play Mini-disc Player/cassette tape

10. Scan/Auto-Memory

Press to briefly sample next listenable selections; functions in all modes

Radio: Press and hold until a beep is heard; system automatically scans and temporarily stores six strong stations in each band; press again to cancel

11. Tuning/Audio Control

Tune: Rotate counterclockwise/clockwise for lower frequency/higher frequency

Audio control: Press to select BASS/MID/TREBLE/FADE/BALANCE; rotate right/left to adjust selected feature

12. Fast forward $\blacktriangleright\blacktriangleright$

Press to fast forward through a track

13. Reverse $\blacktriangleleft\blacktriangleleft$

Press to reverse through a track

17. Disc down[†]

Press to skip back to beginning of previous CD

18. CD slot*

19. LOAD*

To load multiple discs: Press and hold LOAD (19) until beep is heard; insert CD when "In" is displayed To eject disc: Press Eject (9) To eject specific disc: Press and hold Eject (9) until beep is heard; within five seconds press the desired tray number 1-6 (2)

20. Mini Disc slot*

21. DISP*

22. Mini Disc display*

23. Dolby® Noise Reduction* Reduces tape noise and hiss, press to activate/deactivate

24. Cassette door*

25. Eject button*

*Denotes optional equipment

[†]For use with cassette tape player, MD player, or CD changer*

Always check the Owner's Manual for more operating information and safety features

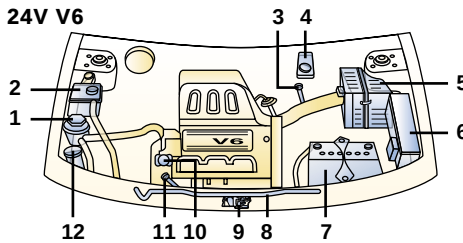
Audio
Systems

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Under Hood

UNDER HOOD

3.0-liter 24V V6

**1. Power steering fluid reservoir**

Check with engine off; fill to MAX mark

2. Engine coolant reservoir

Level should be between F and L lines when cold

WARNING: Never remove coolant reserve tank cap while engine is running or hot; you could get burned

3. Automatic transaxle fluid dipstick

Check with engine on at operating temperature; fluid level should be within v-notches on dipstick

4. Brake fluid reservoir

Level should be kept at the MAX mark on reservoir; fill with DOT 3 fluid from a sealed container

5. Air filter**6. Power distribution box**
(fuses and relays)**7. Battery****8. Hood support rod****9. Hood latch**

Pull hood latch up, open hood

10. Engine oil filler cap

SAE 5W-20 recommended for all temperatures

11. Engine oil dipstick

Check with engine off and at operating temperature; do not fill above MAX line

12. Windshield washer reservoir

Fill with windshield washer fluid

Break-in period

First 600 miles: Avoid heavy braking and acceleration; drive at varying road and engine speeds

Tip: Follow same procedures with overhauled engine or when brakes are replaced

Anti-lock Brake System (ABS)*

When brake pedal is pressed, ABS automatically reduces hydraulic pressure to any wheel on the verge of locking up

You may feel a slight pulsing of the brake pedal and hear a clicking noise; this tells you the ABS is functioning properly; increase pressure on pedal for maximum braking

Tip: Maintain constant pressure on the brake pedal
Do not pump the brakes

Tire economy and tips

Check pressure at least monthly when tires are cold
Maintain correct front-end alignment and tire balance; rotate tires at 7,500-mile intervals; see Owner's Manual for rotation chart

Tire pressure

Decal on the edge of the driver's door provides tire pressure information

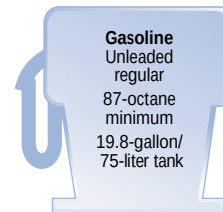
Tire chains*†

Tire chains can damage aluminum wheels; use on steel wheels only

Tip: Use only SAE class "S" chains, install only on front tires; install as tightly as possible and retighten after driving 1/4-1/2 miles; chains may affect handling
Never exceed 30 mph with tire chains

Traction Control System*

Automatically applies and releases brakes to prevent excessive wheel spin at all speeds, especially when accelerating on slippery surfaces



Gasoline
Unleaded
regular
87-octane
minimum
19.8-gallon/
75-liter tank

* Denotes optional equipment

† See Owner's Manual

Always check the Owner's Manual for more operating information and safety features