

Revised January 14, 2002

## MAINTENANCE SCHEDULE

### NORMAL SERVICE INTERVALS

7,500 miles	A
15,000 miles	A
22,500 miles	A
30,000 miles	A B
37,500 miles	A
45,000 miles	A C
52,500 miles	A
60,000 miles	A B D
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

#### Normal maintenance notes

Rotate tires every 3,750 miles

- A.** Change: Engine oil/replace filter  
Lubricate: Locks and hinges
- B.** Inspect: Drive belts, fuel lines and hoses, idle speed, brake lines and hoses, disc and drum brakes, steering operation and linkages, front suspension ball joints, driveshaft dust boots, chassis and body bolts, exhaust system and heat shields  
Replace: Air filter, spark plugs
- C.** Change: Engine coolant
- D.** Inspect: Engine valve clearance, hoses and tubes for emission system  
Replace: Engine timing belt, manual transmission oil, rear differential oil

\* 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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**2002**

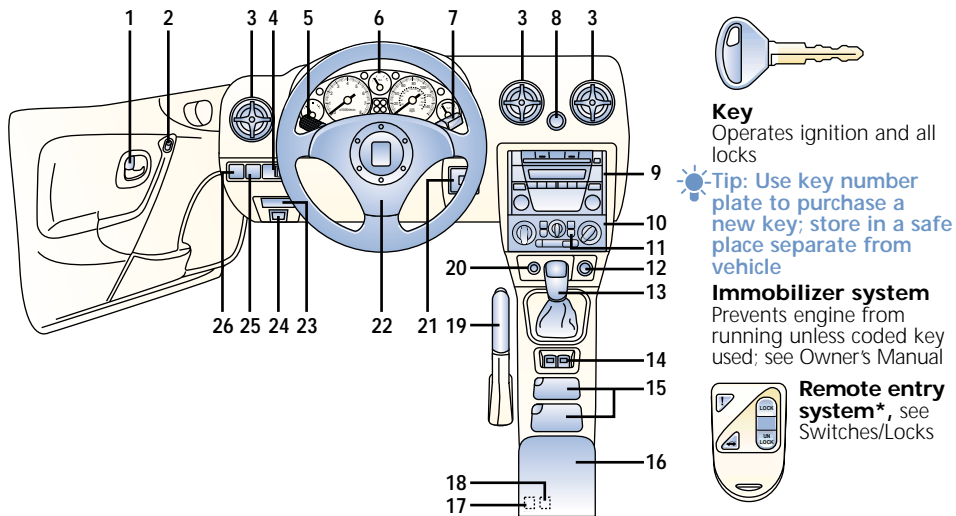
*Miata*

Quick Tips®

Reference  
Guide for  
Controls and  
Functions

Revised January 14, 2002

## DRIVER'S VIEW



**1. Manual door locks,**  
see Switches/Locks

**2. Power door locks\*,**  
see Switches/Locks

**3. Air vents**  
Twist vents to direct airflow

**4. Instrument panel lighting selector,**  
see Interior Lights

**5. Turn signal/lighting control lever,**  
see Driver Controls

**6. Instrument cluster,**  
see Instrument Cluster

**7. Wiper/washer/Cruise control\* lever,**  
see Driver Controls

**8. Hazard warning switch**  
Press on/off

**9. Audio system,**  
see Audio Systems

**10. Climate control system,**  
see Climate Controls

**11. Rear window defogger switch**  
Press on/off

**12. Cigarette lighter**

**13. Gearshift lever,**  
see Transmission

**14. Power-window switches,**  
see Switches/Locks

**15. Ashtray/cup holder**

**16. Center console,**  
see Console/Trunk

**17. Fuel door release lever**  
Pull to open fuel door

**18. Remote trunk-lid release**  
Pull to open trunk

**19. Parking-brake lever,**  
see Console/Trunk

**20. Passenger-side air bag deactivation switch,**  
see Child Seats

**21. Power outside mirror switch,**  
see Switches/Locks

**22. Horn/air bag**

Press for horn

**23. Fuse panel**

**24. Hood release handle**  
Pull to open partially

**25. Cruise control main switch\*,**  
see Driver Controls

**26. Fog light switch,**  
see Driver Controls

\*Denotes optional equipment

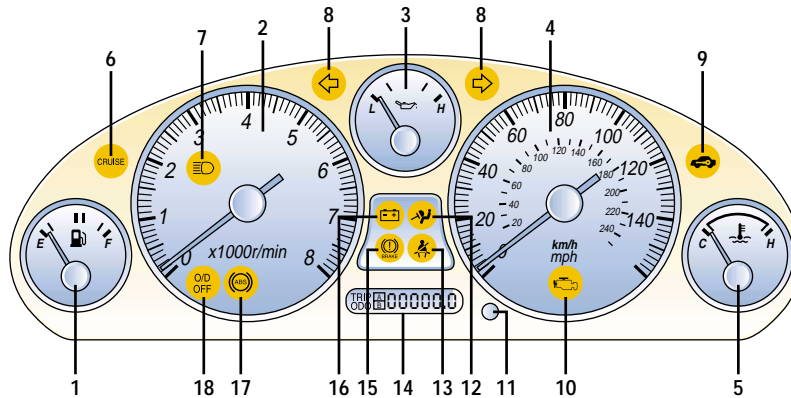
Always check the Owner's Manual for more operating information and safety features

Driver's  
View

Revised January 14, 2002

Instrument  
Cluster

## INSTRUMENT CLUSTER



## GAUGES

1. **Fuel gauge**  
12.7-gallon/48-liter tank
2. **Tachometer**  
Avoid red zone
3. **Engine oil pressure gauge**  
If outside normal range, stop vehicle safely and turn off engine, check oil level
4. **Speedometer**
5. **Coolant temperature gauge**  
If above normal range, stop vehicle safely and turn off engine; check coolant level when safe

## WARNING LIGHTS

6. **CRUISE Cruise control on\***  
Lights when cruise control is set
7. **High beams on,**  
see Driver Controls

8. **Turn signal/hazard warning on**
9. **Immobilizer system on,** see Driver's View
10. **Check engine**  
Dealer inspection required
11. **Odometer/trip odometer selector**  
Press to select odometer or trip odometer A/B; press and hold to reset selected trip odometer
12. **Air bag readiness**  
If light flashes or stays on, the air bags may not operate in an accident; dealer inspection required
13. **Always fasten safety belts**

14. **Odometer/trip odometer display**
15. **Brake system**  
Parking brake on/low brake fluid
16. **Charging system warning light**  
Possible alternator or charging system malfunction, dealer inspection required
17. **Anti-lock Brake System (ABS)\***  
Indicates ABS malfunction, dealer inspection required
18. **Overdrive off indicator (Automatic transmission)\***  
Lights when the overdrive button is in the off position

\*Denotes optional equipment

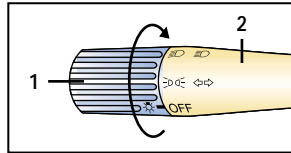
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Instrument  
Cluster

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Driver Controls

DRIVER CONTROLS



**Turn signal/lighting control lever**

OFF = Lights off

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

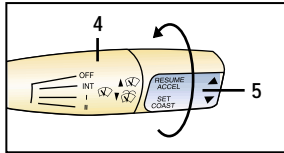
☷ = Tail, parking, dashboard and headlights on: Rotate knob (1) to second notch

High beams on/off: Push lever (2) forward to detent/pull back

To flash high beams: Pull lever (2) toward you and release

**Fog lights**

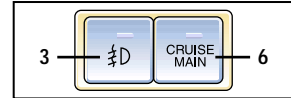
Press (3) on/off; functions only with headlight low beams on



**Windshield wiper/washer/Cruise control\* lever**

For slow/normal/fast wiper speeds: Push lever (4) down through detents

Single wipe: Set the wipers to OFF; push lever (4) forward  
Wash and wipe: Pull lever (4) toward you and hold; washer and wipers will be activated until lever is released



**Cruise control\***

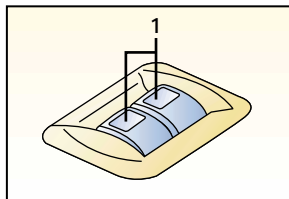
Operates above 25 mph  
Press CRUISE MAIN switch (6) to enable/disable

To set speed: Twist control knob (5) down toward SET/COAST ▼ and release

To increase set speed: Twist control knob (5) up toward RESUME/ACCEL ▲ and release at desired speed

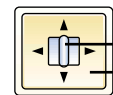
To decrease set speed: Twist control knob (5) down toward SET/COAST ▼ and release at desired speed

To cancel: Tap brake or clutch pedal (manual transmission) or press CRUISE MAIN switch (6)



**Power windows**

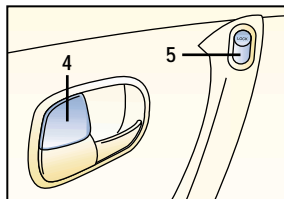
Operate only with ignition on  
To open/close: Push down/pull up front of switch (1)



**Dual power mirrors**

Operate only with ignition on

To adjust left/right mirror: Push selector switch (2) left/right, press switch (3) in direction of desired movement

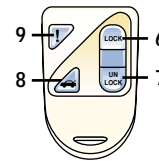


**Manual door locks**

To lock/unlock: Push button (4) into handle/pull toward you

**Power door locks\***

Both doors lock/unlock by using key in driver's door or by using driver's button (5)



**Remote keyless entry system**

Functions only with ignition in OFF position

To lock doors: Press LOCK button (6); pressing again within 5 seconds causes doors to relock and horn to beep

To unlock: Press UNLOCK (7) for driver's door; press again within 5 seconds to unlock other doors

To open trunk: Press (8)  
Panic alarm: Press ! (9); horn sounds, headlights/tailights flash; to stop, press (9) again or turn ignition to ON position

\*Denotes optional equipment

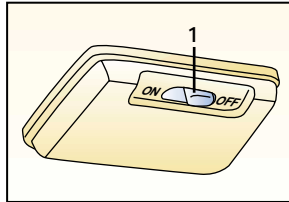
Always check the Owner's Manual for more operating information and safety features

Switches/ Locks

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Interior  
Lights

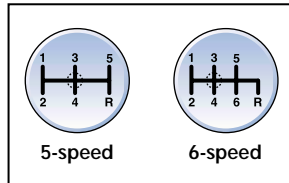
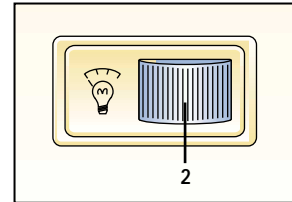
## INTERIOR LIGHTS

**1. Dome light**

On = Light always on  
Off = Light always off  
Center position = Light on when a door is open

**2. Instrument panel lighting**

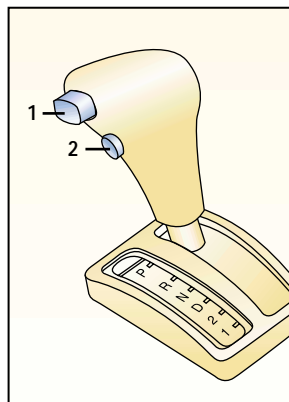
To brighten/dim instrument panel lighting: Turn thumb-wheel right/left

**Manual transmission**

Depress clutch pedal to start engine and change gears

**Tip:** Do not shift into 1st above 20 mph or clutch failure could occur

**Tip:** Resting your foot on the clutch pedal while driving and using the clutch to hold your vehicle at a standstill while waiting on a hill may reduce clutch life

**Automatic transmission\*****P = Park**

To move gearshift from Park: Press firmly on brake pedal, then press release button (1) on gearshift

**R = Reverse**

Do not engage Reverse when vehicle is moving forward

**N = Neutral**

No gear engaged; vehicle can roll freely, even on a slight incline, unless the brakes are applied

**Overdrive Switch**

Press (2) to lockout/enable overdrive

**D (Overdrive)**

For normal driving: Shifts through four forward gears automatically

**D (Overdrive Off)**

Shifts through three forward gears automatically

Provides extra power and increased engine braking, stops 3rd-4th gear cycling in stop/go driving and on steep graded hills

**2 = Second gear**

Provides extra power and increased engine braking  
Use to reduce wheel spin when starting on slippery surfaces

**1 = First gear**

Use for engine braking when second gear is not sufficient

\*Denotes optional equipment

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

## Transmission

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## Seats

## SEATS

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

Lift lever and hold, slide seat, release lever

**2. Safety belt buckle****3. Seatback angle**

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

**⚠ 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**

**Safety belt emergency locking mode/automatic locking mode**

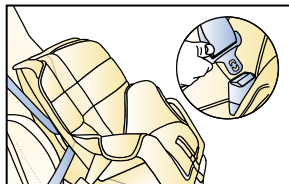
(front passenger only)

**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 (see below)

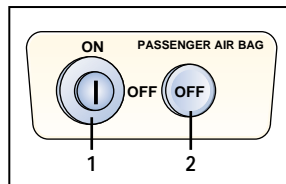
To activate: Pull webbing fully out of retractor until click is heard; belt will only tighten

To disengage: Unbuckle belt and allow webbing to retract fully

**Child-safety seat\***

To install in passenger seat: Move seat as far back as possible; use dual locking mode retractor safety belt

**⚠ WARNINGS: Read all information and warnings on child-safety seat and in Owner's Manual before using child-safety seat**  
**You are required by law to use safety restraints for children in U.S. and Canada, check your local and state or provincial laws for specific requirements regarding the safety of children in your vehicle**

**Passenger's front air bag deactivation switch,**

see Driver's View for switch location

Deactivate passenger's front air bag when using a child-safety seat

To deactivate/activate: Insert ignition key in switch, rotate to OFF/ON, remove key

Amber OFF light illuminates when deactivated and ignition is on

**💡 Tip: Turn ignition off when disabling passenger front air bag**

**⚠ WARNINGS: When using a child-safety seat always set the passenger front air bag deactivation switch to OFF position, serious injury or death may result if front passenger air bag is deployed with child-safety seat installed**

**If you choose to install a child-safety seat in the front seat, move seat as far back as possible, for complete details see Owner's Manual**

\*Denotes optional equipment

†For other rare circumstances when passenger air bag can be shut off, refer to NHTSA guidelines

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

## Child Seats

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## Climate Controls


## CLIMATE CONTROLS

**1. Temperature control**

Rotate knob to blue for cool/red for warm

**2. Air Conditioning**

Press to turn on/off



 **Tip:** Use A/C to dehumidify air



**3. Fan control**

Rotate knob to increase/decrease speed, turn to 0 to shut system off

**4. Air intake control**

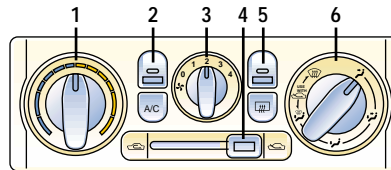
Slide lever to select

 = recirculate inside air; use for maximum heating/cooling or to keep odors out  
 = fresh air



 **WARNING:** Do not use  position in cold weather; windows could fog and hamper vision

**5. Rear window defogger**


Press to activate/deactivate

**6. Airflow selections**


-  = air to dash
-  = air to dash and floor
-  = air to floor
-  = air to floor and windshield
-  = defrost, air to windshield

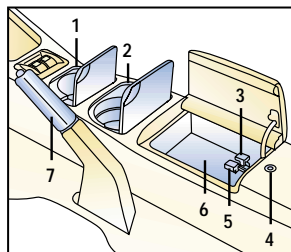
 **WARNING:** When using  position always set temperature control to hot or warm to prevent outside glass fogging

**Control positions for maximum defrost**

Fan to maximum, temperature to maximum hot, airflow selector knob to 

 **Tips:** When  selected, air is dried when temperature is above 39°F

To help prevent windshield fogging in humid weather, select  before starting engine. To prevent moisture buildup, never drive with system off.

**Center console****1. Ashtray/Cup holder**

Pull up ashtray to remove; space can be used as a cup holder

**2. Cup holder**

**3. Remote trunk-lid release**  
To open trunk: Lift up on front of lever

**4. Center console lock**

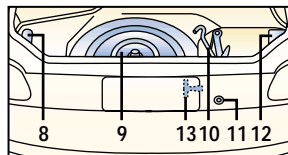
To lock/unlock: Insert key and turn clockwise/counterclockwise

**5. Remote fuel door release**


To open fuel door: Lift up on front of lever


**6. Center console storage****7. Parking-brake**

To engage: Pull up  
To release: Pull up slightly while depressing button at the front of lever; lower parking-brake lever

**Trunk****8. Lug wrench****9. Temporary spare tire**

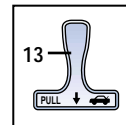
To change flat tire: Follow instructions in Owner's Manual

 **WARNING:** Do not exceed 50 mph with temporary spare

 **Tip:** Do not use temporary spare tire for long periods of time


**10. Jack/jack handle****11. Lock**

To lock/unlock: Insert key and turn counterclockwise/clockwise

**12. Battery****Trunk release handle**

Allows you to escape should you become locked in trunk

To open: Pull "T" handle; "T" handle will glow if it has been exposed to light

 **WARNING:** Always keep handle recessed; luggage may snag on handle and open trunk

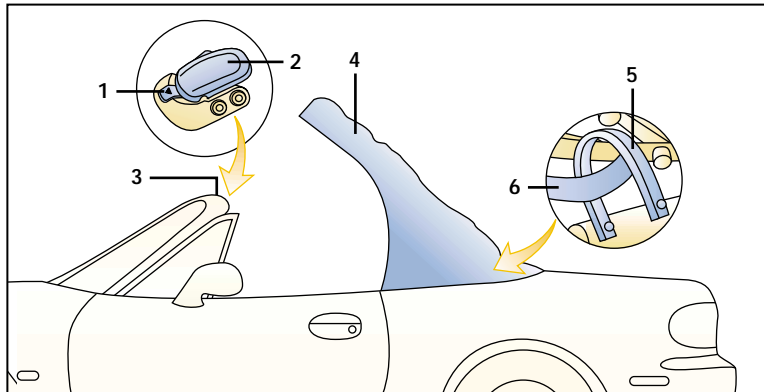
Always check the Owner's Manual for more operating information and safety features

Console/  
Trunk

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Convertible

## CONVERTIBLE

**Convertible top operation**

**Tip:** Using an automatic car wash can damage top

Storing articles inside near the rear window can cause damage to top upon lowering

**To lower:** Park on a level surface away from traffic lanes; set parking brake; lower side windows and pull down sunvisors, remove all objects from top storage area

Press unlock button (1); pull top latches (2) until they completely disengage from windshield header (3); lift up on front section of top (4); lower top into storage area; snap top latches (2) into closed position

**Tip:** Do not store a wet or damp convertible top for long periods of time

**Tip:** Secure all objects inside vehicle before lowering top

**To install convertible top cover:** Thread tether straps (5) through anchor (6) and snap into position; attach top covering using fasteners; insert rear edges into body molding groove

**To raise:** Park on a level surface away from traffic lanes; set parking brake; lower side windows and pull down sunvisors. Open top latches (2) fully; lift top (4) until it rests on windshield header (3); fasten latches to windshield header by pushing up until click is heard

**Tip:** To ensure that top is securely fastened: Push up on top (4); if rattling is heard, repeat top latching process or have vehicle inspected by dealer

**Detachable hardtop\***

**Tip:** Perform hardtop installation or removal with two people

Park on a level surface away from traffic lanes; set parking brake and lower side windows; pull down sunvisors

**To remove:** Disconnect rear window defogger coupler; lower antenna; press unlock on top and side latches to release top; slide top rearward while pressing down on the rear deck latches; lift hard top straight off the body

**To install:** Lower antenna; fully lower convertible top; align rear latches with rear deck studs; slide hard top forward while pressing down on the rear deck; push up top and side latches to lock; reconnect rear window defogger

\*Denotes optional equipment

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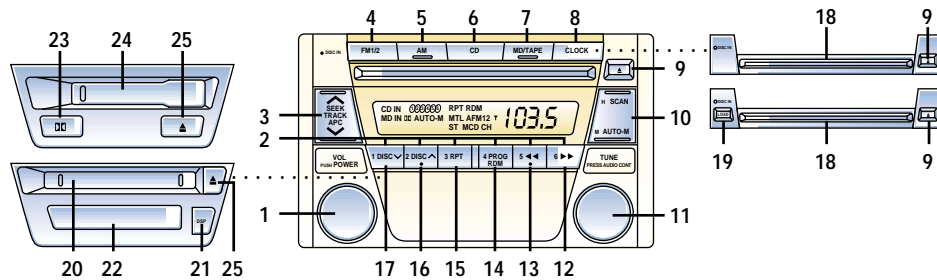
Convertible



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Audio  
Systems

## AM/FM STEREO/CASSETTE/CD

**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 ^ / v to automatically seek higher/lower frequency

CD: Press ^ / v to select next/previous track

Tape: Press ^ / v 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 ►►**

Press to fast forward through a track

**13. Reverse ◀◀**

Press to reverse through a track

**17. Disc down v†**

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\*

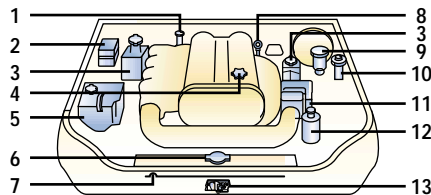
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Audio  
Systems

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Under  
Hood

## UNDER HOOD



1.8-liter 4-cylinder

**Tip:** Check all fluids with vehicle parked on a level surface

**1. Automatic transmission fluid dipstick\***

If checked at operating temperature, fluid should be between FULL and LOW marks on dipstick; if checked with engine cold, fluid should be just below the bottom notch on dipstick

**2. Fuse block**

**4. Engine oil filler cap,** see Owner's Manual for recommended engine oil viscosity

**5. Engine coolant reservoir**  
Check when engine is cold; fluid level should be between the FULL and LOW marks on reservoir

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

**8. Engine oil dipstick**

Check with engine off and at operating temperature. Engine oil should be between F and L marks on dipstick

**9. Brake fluid reservoir**

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

**10. Clutch fluid reservoir (Manual transmission)**

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

**11. Air filter**

**12. Power steering fluid filler cap/dipstick**

Check with engine off and at operating temperature. Level should be between H and L marks on the crosshatched area of dipstick

**3. Windshield washer fluid reservoir**

(In one of two locations)  
Refill with windshield washer fluid

**6. Cooling system cap**  
Do not remove if engine is running or hot

**7. Hood support rod**

**13. Hood latch**

Pull up to release hood

**Tip:** Battery is located in the trunk

**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

**Tips:** 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 3,750-mile intervals; see Owner's Manual for rotation chart

**Tire pressure**

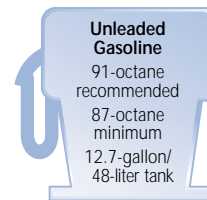
Decal on the edge of the driver's door provides tire pressure information

**Tire chains\***

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

**Tip:** Use only SAE class "S" chains; install only on rear tires; install as tightly as possible and retighten periodically. Never exceed 30 mph with tire chains

\*Denotes optional equipment



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