

August 8, 2001

MAINTENANCE SCHEDULE

NORMAL SERVICE INTERVALS

5,000 miles*	A
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

 **Tip:** For additional service intervals and complete details, see Owner's Manual

Maintenance notes:

Rotate tires every 3,750 miles

- A.** Replace: Engine oil/replace filter
- B.** Inspect: Cooling system, drive belts, fuel lines and hoses, idle speed, brake lines and hoses, disc and drum brakes, steering operation and linkages, front suspension ball joints, drive-shaft dust boots, chassis and body bolts and nuts, exhaust system heat shields, refrigerant amount and compressor operation
Replace: Air filter, spark plugs
- C.** Replace: Engine coolant
- D.** Inspect: Engine valve clearance, hoses and tubes for emission system; inspect/replace engine timing belt†

*Special operating conditions

†See Owner's Manual

This Quick Tips® guide is provided by Mazda 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 am-4:45 pm, Pacific

9 am-5:45 pm, Eastern/Central



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2002

Protegé / Protegé5

Quick Tips®

Reference

Guide for

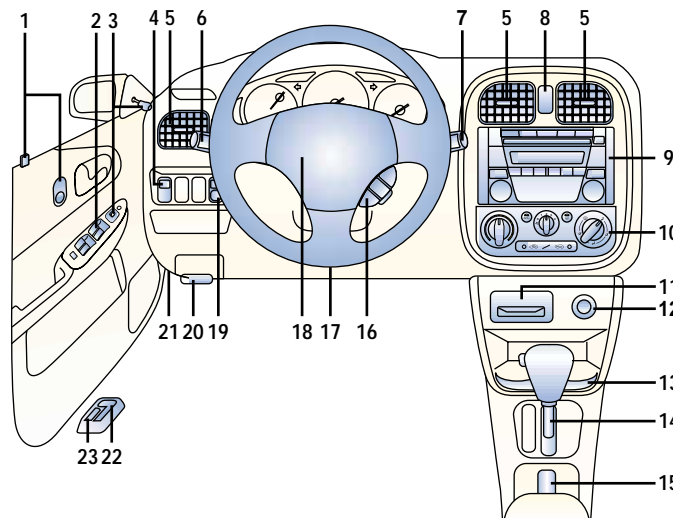
Controls and

Functions




August 8, 2001

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



Remote entry system,
see Locks/Mirrors

- | | | |
|---|--|--|
| <p>1. Door locks,
see Locks</p> <p>2. Power window switches,
see Switches</p> <p>3. Mirror controls,
see Locks/Mirrors</p> <p>4. Fog light switch
Push to activate/deactivate;
functions only with headlight
low beams on</p> <p>5. Air vents
To open/close: Rotate
thumbwheel up/down
To direct air up/down:
Move vent
To direct air side-to-side: Move
thumbwheel in center of vent</p> <p>6. Turn signal/lighting
control lever,
see Driver Controls</p> | <p>7. Wiper/washer control
lever,
see Driver Controls</p> <p>8.  Hazard warning switch
Push to activate/deactivate</p> <p>9. Audio system,
see Audio System</p> <p>10. Climate control panel,
see Climate Controls</p> <p>11. Ashtray</p> <p>12. Cigarette lighter</p> <p>13. Cup holders</p> <p>14. Gearshift lever,
see Transaxle</p> <p>15. Parking-brake lever
To engage: Pull up
To release: Pull up slightly,
while depressing button at
front of lever, lower parking
brake lever</p> | <p>16. Cruise control*,
see Switches</p> <p>17. Tilt steering wheel lever
Pull lever down to unlock
column, adjust wheel position;
push lever up to lock</p> <p>18. Horn/Air bag
To beep: Press</p> <p>19.  Instrument cluster
lighting
To brighten/dim: Turn
thumbwheel up/down</p> <p>20.  Hood release handle
Pull to open partially</p> <p>21. Fuse panel</p> <p>22.  Remote trunk-lid
release (Protegé Sedan)
To open: Pull lever up</p> <p>23.  Fuel-filler lid release
To open: Pull lever up</p> |
|---|--|--|

*Denotes optional equipment

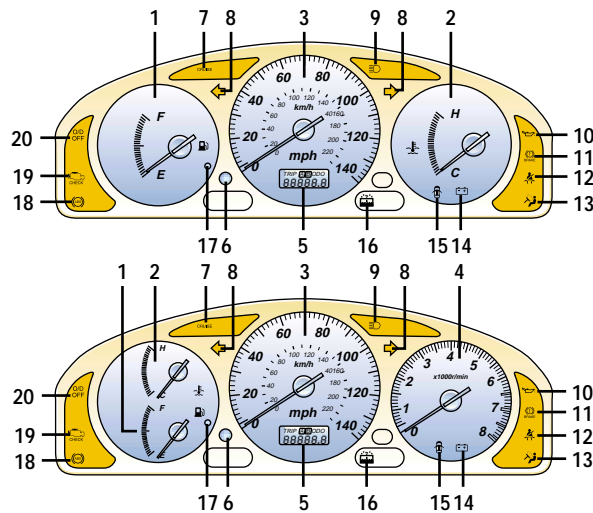
Always check the Owner's Manual for more operating information and safety features

Driver's
View

August 8, 2001

Instrument Cluster

INSTRUMENT CLUSTER



Instrument Cluster

Instrument Cluster with Tachometer*

GAUGES

1. **Fuel gauge**
13.2-gallon/50-liter tank (1.6L engine)
14.5-gallon/55-liter tank (1.8L and 2.0L engines)
2. **Engine coolant temperature gauge**
Stop car if above normal range, turn off engine, let vehicle cool; check coolant level when safe
3. **Speedometer**
4. **Tachometer**
5. **Odometer/Trip odometer display**
6. **Odometer/Trip odometer selector**
Press to view odometer; press again to reset trip odometer A/B settings

WARNING LIGHTS

7. **Cruise control on***
Lights when cruise control is set
8. **Turn signals/hazard warning on**
9. **High beams on**
10. **Engine oil-pressure warning light**
Stop car when safe and turn off engine; check oil level
11. **Brake system**
Parking brake on/low brake fluid
12. **Always fasten seat belts**
13. **Air bag/front seat belt pretensioner system**
If light flashes or stays on, the air bags/front seat belt pretensioners may not operate in an accident; dealer inspection required
14. **Charging system warning light**
Charging system malfunction; dealer inspection required
15. **Door-ajar**
16. **Low washer fluid level***
17. **Low fuel**
18. **Anti-lock Brake System (ABS)***
ABS malfunction, normal brakes only; dealer inspection required
19. **Check engine**
Dealer inspection required
20. **Overdrive off indicator***, see Transaxle

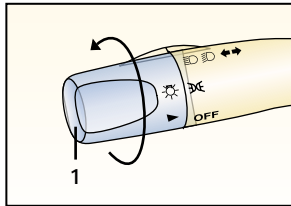
*Denotes optional equipment

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Instrument Cluster

Driver Controls

DRIVER CONTROLS



Turn signal/lighting control lever

OFF = Lights off

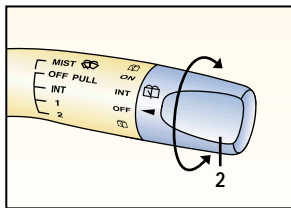
☞☜ = Tail, dashboard and parking lights on: Rotate knob (1) to first notch

☞☜☞☜ = Tail, dashboard, parking and head lights on: Rotate knob (1) to second notch

High beams on/off: Push lever forward for high beams/pull back for low

To flash high beams: Pull lever back slightly and release

Turn signals right/left: Move lever up/down



Wiper/washer control lever

Single wipe: Push lever up

Washer: Pull back, also operates wipers

Intermittent wiper: One click down

Normal wiper speed: Two clicks down

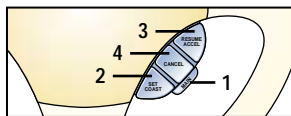
High-speed wiper: Three clicks down

Rear window wiper/washer (Protegé5)

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 (1) to turn system on/off

To set speed: Accelerate to desired speed and press SET/COAST (2)

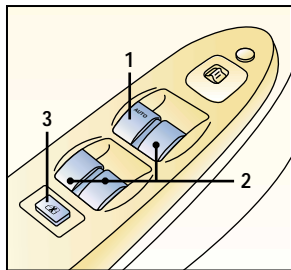
To accelerate: Press and hold RESUME/ACCEL (3); release button at desired speed

To decelerate: Press and hold SET/COAST (2); release button at desired speed

Incremental acceleration: Press and release (3); each tap = plus 1 mph

Incremental deceleration: Press and release (2); each tap = minus 1 mph

To cancel: Press CANCEL (4) or MAIN (1); tap brake pedal or depress clutch pedal*



Power windows

Ignition must be on
All windows controlled from the driver's armrest; passenger doors have separate switches

1. Driver's window: One-touch-down; push down firmly and release, window goes down all the way; pull switch back briefly to stop; press lightly and hold for normal operation

2. Passenger window switches: Push down and hold to open, pull back and hold to close

3. Power window lockout switch: Press down until click, only driver's window switches operate; press again and passenger window switches function again

*Denotes optional equipment

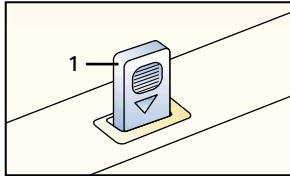
Always check the Owner's Manual for more operating information and safety features

Switches

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Locks

LOCKS

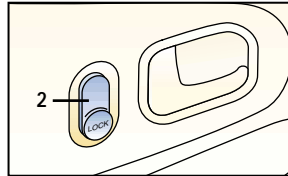


Manual door locks

1. Lock tab

To lock: Press down on tab
To unlock doors: Pull up tab

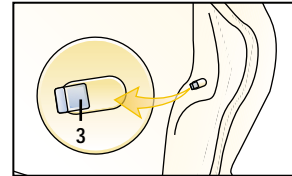
Tip: Doors can be locked with key in ignition (chime sounds to alert you to key in ignition when any door is open)



Power door lock switches

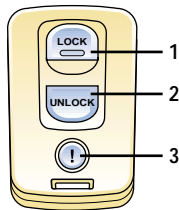
To lock/unlock all doors: Press bottom/top of door switch (2)
To lock doors without key: With door open, press LOCK on door switch (2), exit car, close doors
To unlock: Use key to unlock either front door and hold in unlock position, all doors will unlock

All doors lock automatically when either front door is locked with a key



Childproof locks

Located at the edge of rear doors
To activate: Slide switch (3) outward; door opens from outside only
To cancel: Slide switch (3) inward



Remote entry system

Functions only with ignition in ACC or LOCK

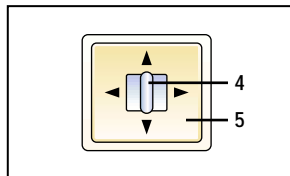
Door locking/unlocking

To lock doors: Press LOCK (1); pressing again within 5 seconds causes doors/liftgate to re-lock, horn to beep once and hazard warning lights to flash once if doors/liftgate properly closed
To unlock: Press UNLOCK (2) for driver's door; press again within 5 seconds for all other doors
Panic alarm: Press ! (3); horn sounds, parking lights flash and illuminated entry system

turns on; press any button on transmitter to stop
After unlocking with the transmitter, all doors or the liftgate will automatically lock if a door or the liftgate is not opened within about 30 seconds

Illuminated entry system

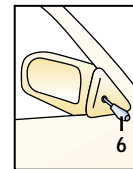
Activates interior lights when dome light switch set to DOOR position; lights off after driver's door is locked or ignition in ON position



Dual power mirrors*

Ignition must be in ACC or ON
To adjust left/right mirror: Press control switch (4) left/right, press switch (5) in direction of desired mirror movement

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



Manual mirrors

To adjust: Move knob (6) on door

*Denotes optional equipment

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

Locks/
Mirrors

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Seats

SEATS

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

Lift lever and hold, slide seat, release lever

2. Raise/lower front of seat

Turn dial backward/forward

3. Raise/lower rear of seat

Turn dial backward/forward

4. Seat back angle

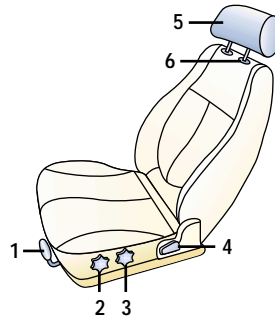
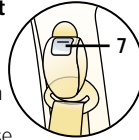
To adjust: Lift and hold lever, lean forward or backward to tilt seat, release lever

5. Head restraint

To raise/lower: Pull up/hold release button (6) and push down

Shoulder belt height adjustment

To raise/lower belt: Push button (7), slide up/down, release button



⚠ WARNINGS: Always wear your seat belt and properly secure children 12 and under in the rear seat

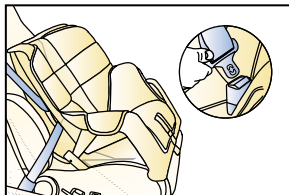
Do not recline or adjust seat position while driving

Never place rear-facing infant safety seat in front seat

If you choose to install a forward-facing child restraint seat in the front seating positions, move vehicle seat as far back as possible

Air bags are supplemental

💡 Tip: Side air bags* deploy from outboard side of front seatbacks

**Child restraint 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 seat before using child restraint seat

Children less than 4 years old and under 40 pounds should always use a safety seat

Dual locking mode lap/shoulder belt retractor (front passenger/rear outboard seat belts only)

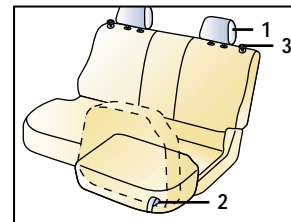
Emergency locking mode: Belt locks only on hard braking/cornering or impacts of about 5 mph or higher

Automatic locking mode must be used when installing child restraint seat

To activate: Pull webbing fully out of retractor; belt will only tighten

To disengage: Unbuckle belt and allow webbing to retract fully; for complete details see Owner's Manual

*Denotes optional equipment
†Protegé5 only

**Split fold-down rear seatbacks**

To fold: Pull release knob (3), push seatback down

To return and lock: Push seatback firmly until latched

Folding rear seat bottoms†

To fold rear seats flat: Remove head restraints (1), pull strap (2) and lift end of seat bottom up and forward; lift seat bottom forward, pull release knob (3), push seatback down





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

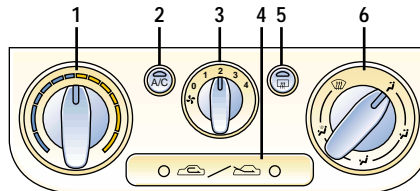
Seats

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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 activate/deactivate
 **Tip: Use A/C to dehumidify air**
- 3. Fan control**
Rotate knob right/left 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 will fog and hamper vision
- 5. Rear window defogger**
 Press to activate/deactivate



6. Air flow selections

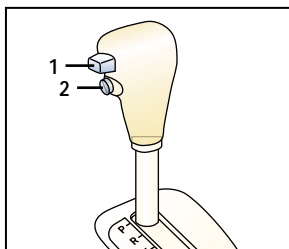
-  = air to dash
-  = air to dash and floor
-  = air to floor
-  = air to floor and windshield
-  = defrost, air to windshield

Control positions for maximum defrost

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

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

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



Automatic Transaxle*

Gearshift must be in Park or Neutral to start engine; it must be in Park to remove ignition key

P = Park

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

R = Reverse

N = Neutral

No gear engaged

D (Overdrive)

For normal driving: Shifts through four forward gears automatically

D (Overdrive Off)

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

Overdrive Switch

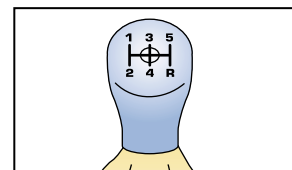
Press (2) to enable/disable overdrive gear

2 = Second Gear

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


1 = First Gear

Provides extra power and increased engine braking



Manual transaxle

Depress clutch pedal to start engine and change gears

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

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

*Denotes optional equipment

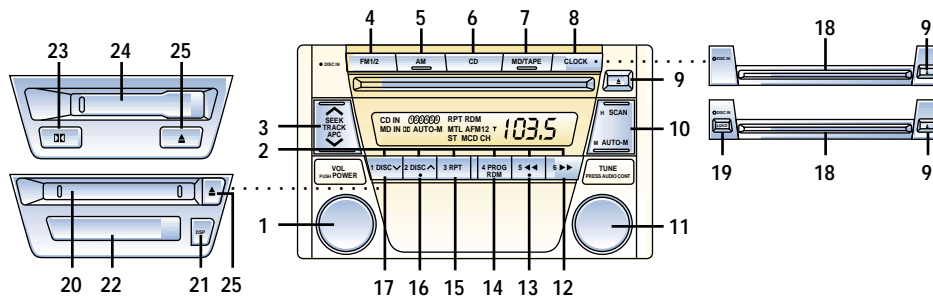
Always check the Owner's Manual for more operating information and safety features

Transaxle

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Audio
System

RADIO/COMPACT DISC

**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

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

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 \wedge †

Press to skip forward to beginning of next CD

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 \vee †

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*

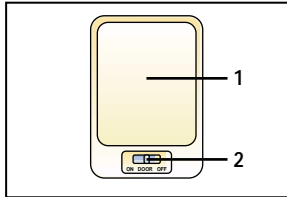
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Audio
System

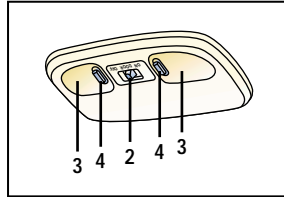
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Interior Lights

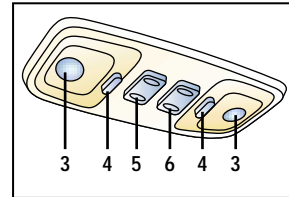
INTERIOR LIGHTS



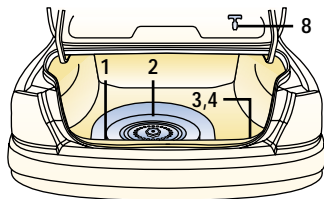
- 1. Interior light**
- 2. Interior light switch**
ON = Light always on
OFF = Light off
DOOR = Light on when door is open



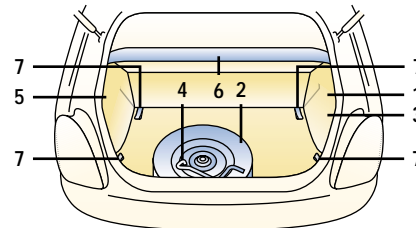
- 3. Map/reading lights***
- 4. Map/reading light switches***
Press on/off
- 5. Tilt sunroof***
To tilt/close rear of sunroof:
Press rear/front of switch



- 6. Sunroof***
To open/close: Press and hold rear/front of switch
- 7. Cargo light***
ON = Light on with liftgate open
OFF = Light off



Protegé Sedan



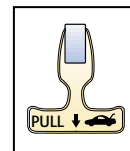
Protegé5

Trunk

- 1. Tool bag**
- 2. Temporary spare tire**
Stored under panel in trunk; 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

- 3. Jack**
- 4. Jack handle**
- 5. Cargo light**
- 6. Cargo area cover**
- 7. Cargo securing loops**



- 8. Emergency trunk release (Protegé Sedan)**
Allows you to escape should you become locked in trunk

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

*Denotes optional equipment

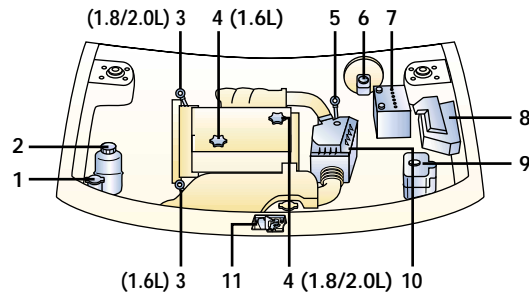
Always check the Owner's Manual for more operating information and safety features

Trunk

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Under Hood

UNDER HOOD



1.6/1.8/2.0-liter Engine

Tip: Check all fluids with vehicle parked on a level surface and engine off unless otherwise stated

1. Windshield washer reservoir
Fill with windshield washer fluid

3. Engine oil dipstick
Fluid should be between F and L on dipstick; do not fill above F

5. Automatic transaxle fluid dipstick*

Check with engine on and at operating temperature; fluid must be between the indicator marks on the dipstick

6. Brake/clutch fluid reservoir
Fill to MAX mark with DOT 3 fluid; check with cap on

Tip: Clutch uses same reservoir as brakes

7. Battery

8. Fuse panel
Push latch in, lift cover

9. Engine coolant reservoir
Level should be between COLD FILL RANGE indicator marks

WARNING: Never remove coolant reservoir cap while engine is running or hot; remove only when safe

*Denotes optional equipment

2. Power steering fluid reservoir
Level should be between MIN and MAX lines

4. Engine oil filler cap
See Owner's Manual for recommended engine oil viscosity

10. Air filter
11. Hood latch
Pull up to release hood

Break-in period

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

Tip: Follow the same procedures with newly 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

Tires should be of the same make, kind and dimension

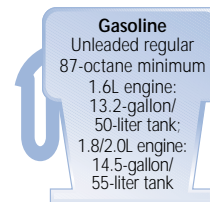
Maintain correct front-end alignment and tire balance; rotate tires at 3,750-mile intervals; see Owner's Manual for rotation chart

Tire pressure

Decal on driver's door provides tire pressure information

Snow chains

Use only SAE Class "S" chains; install on front tires as tightly as possible and re-tighten periodically; do not use chains on dry roads



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