



GENUINE SPARE TIRE ATTACHMENT INSTALLATION AND USER'S INSTRUCTIONS

Thank you for purchasing a genuine Mazda accessory.
Please read the contents of this booklet in order to properly install and use the spare tire attachment. Your safety depends on it.
Keep these instructions with your vehicle records for future reference.

WARNING

- These are several  **WARNING** and  **CAUTION** sections in this booklet concerning safely installing or removing the spare tire attachment. Always read and follow them in order to prevent injuries, accidents, and possible damage to the vehicle.
- Do not modify the spare tire attachment.
- Do not install the spare tire attachment in any way other than described in the following instructions.
- If any doubt, please ask your Mazda dealer to install the accessory in order to prevent errors in installation.
- If you have any questions about the use of the accessory, ask your Mazda dealer for proper advice before using it.
- We are not responsible for any problems which originate from the failure to observe these instructions.

1

PART NUMBER: FE01 V8 360
FE02 V8 360
FE15 V8 360
FE33 V8 360

PART NAME: SPARE TIRE ATTACHMENT(U.S.)
SPARE TIRE ATTACHMENT(CANADA)
SPARE TIRE ATTACHMENT(EUROPE)
SPARE TIRE ATTACHMENT(ADR)

APPLIED VEHICLE: RX-8

NOTE

To the dealer

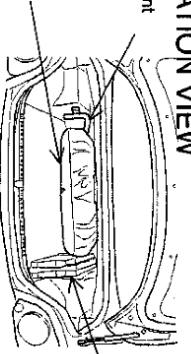
- Please turn over these instructions to the customer after installation.

To the customer

- Keep these instructions after installation. The instructions may be necessary for installing other optional parts or removal of this accessory.

2 INSTALLATION VIEW

Spare tire attachment



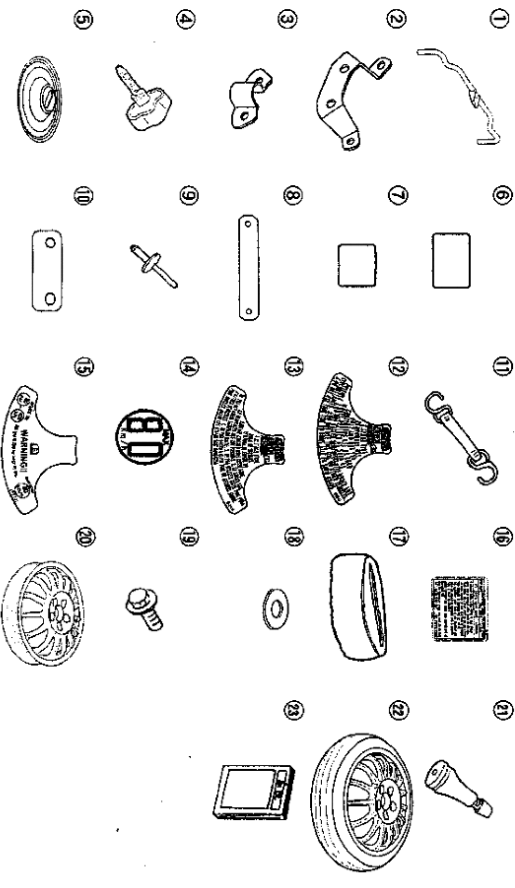
(Flat tire repair kit)

* This kit for U.S. does not include a tire. A tire needs to be separately purchased.
(Recommended tire : Tire size: T125/70D17 98M , Manufacturer's name: Bridgestone)
When installing a tire to its wheel, consult your Mazda Dealer.

3 PARTS

NOTE
• Verify that the kit includes all the following parts and that the parts are not dirty, scratched, or damaged.

NO.	Part Name	Qty.			NO.	Part Name	Qty.		
		U.S.	CAN.	E.U./ADR			U.S.	CAN.	E.U./ADR
①	Pipe	1	1	1	⑬	Caution Label B	1	1	1
②	Bracket A	2	2	2	⑭	Caution Label C	-	-	1
③	Bracket B	2	2	2	⑮	Caution Label D	-	-	1
④	Knob	1	1	1	⑯	Tire Label	-	-	1
⑤	Tire Clamp	1	1	1	⑰	Tire Cover	1	1	1
⑥	Protector A	2	2	2	⑱	Washer (Part No. : 99851 1228)	1	1	1
⑦	Protector B	2	2	2	⑲	Bolt (Part No. : 99784 1025B)	4	4	4
⑧	Spacer	1	1	1	⑳	Wheel (Part No. : 9965014070)	1	-	-
⑨	Rivet	2	2	2	㉑	Valve (Part No. : 9963604140)	1	-	-
⑩	Shim	6	6	6	㉒	Spare Tire	-	1	1
⑪	Band	1	1	1	㉓	Installation and User's Instructions	1	1	1
⑫	Caution Label A	1	1	-					



EOK08 G8 203B

4 BEFORE INSTALLATION

- REQUIRED TOOLS**
- Prepare the following tools prior to installation.
 - Fastener remover
 - Punch
 - Soft cloth (Clean)
 - Round file
 - Rivet tool
 - Socket wrench (12mm)
 - Cutter
 - Electric drill (Drill 3mm, 5mm)
 - IPA (Isopropyl alcohol) or white gasoline
 - Magnet tool
 - Touch-up paint (genuine product)

CAUTION

<p>Use appropriate tools for the installation, or damage may result.</p>	<p>Place mats when removing/installing parts.</p>	<p>When installing parts, carefully clean the installation surface and keep from dust or dirt.</p>	<p>Put the removed parts and new parts in the kit on a protective sheet to prevent scratches.</p>
--	---	--	---

NOTE

- Refer to maintenance handbook for removal/assembly of vehicle parts.

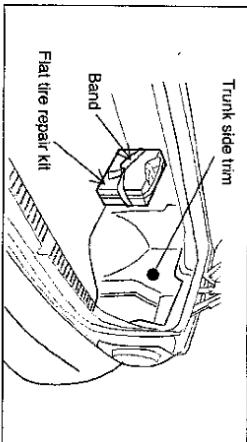
WARNING

- Place the vehicle on the flat floor surface. Set the shift lever to P position, and the parking brake, then the wheel block to prevent the vehicle from moving.

3

EOK08 G8 20

5 VEHICLE PARTS REMOVAL

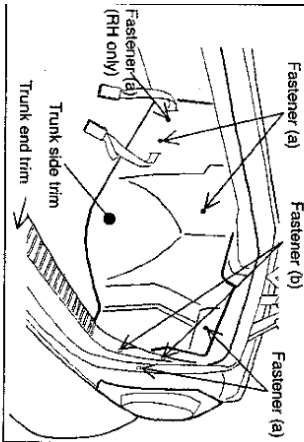


CAUTION

- Keep the removed parts carefully, so as to prevent scratches and loss.

FLAT TIRE REPAIR KIT REMOVAL

- Unlock the band of the trunk side trim (RH), and remove the flat tire repair kit.



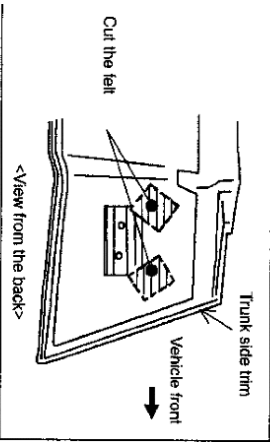
NOTE

- This figure shows RH side of the vehicle, but the same as LH side.

TRUNK SIDE TRIM REMOVAL

- Remove fastener (a) on the trunk side trim. (RH : 5 locations, LH : 4 locations)
- Remove fastener (b) (2 locations) tightening with the trunk end trim, and detach the trunk side trim.

6 INSTALLATION



NOTE

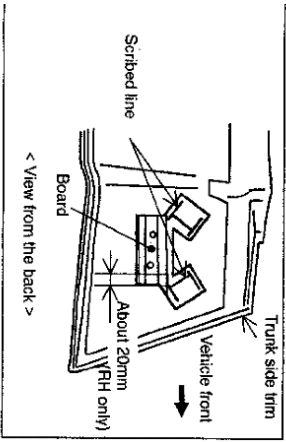
- This figure shows RH side of the vehicle, but the same as LH side.

TRUNK SIDE TRIM SLITTING PROCEDURE

- Cut the left on the back of the trunk side trim along the slit line.

WARNING

- The scissors blades are extremely sharp. Use care when handling the blades to prevent injury.



- Slit the back of the trunk side trim along the scribed line. Note that RH front side should be slit along the board as shown in the figure.

WARNING

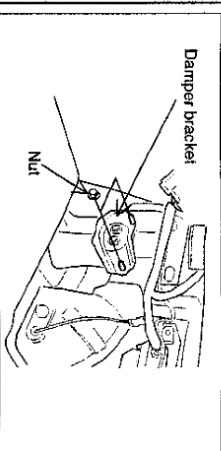
- The cutter blade is extremely sharp. Use care when handling the blade to prevent injury.

CAUTION

- Be careful not to overslit the trunk side trim.

4

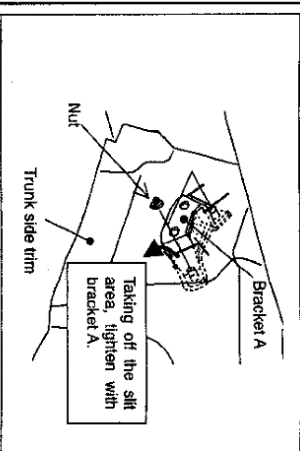
EOK0B G8 2038



PIPE INSTALLATION

- Remove the nuts (2 locations) on the damper bracket to tighten with bracket A.

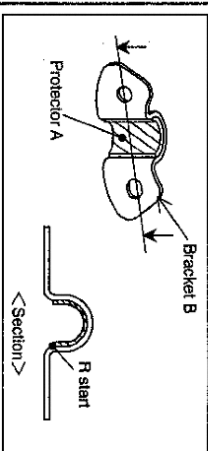
- Install the trunk side trim in reverse order from removal.



- Taking off the slit area of the trunk side trim, tighten with bracket A using the removed nuts in Step 1. (2 locations)
Tightening torque
Nut 37.2~51.9N·m(380~530kgf·cm)

CAUTION

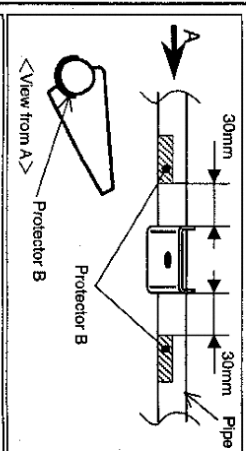
- If the nuts are tightened outside the specified torque, the damper bracket and bracket A may break or fall off. Be sure to tighten within the specified torque securely.



- Affix protector A to bracket B as shown in the figure.

CAUTION

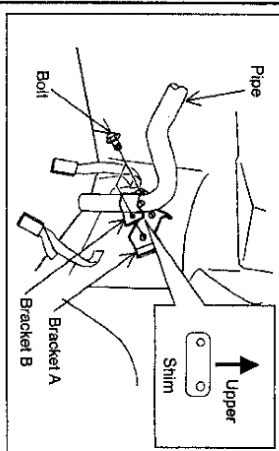
- Wipe oil or dirt off the adhesive surface of protector A on bracket B with IPA (isopropyl alcohol).



- Affix protector B to the pipe as shown in the figure. (2 locations)

CAUTION

- Wipe oil or dirt off the adhesive surface of protector B on the pipe with IPA (isopropyl alcohol).



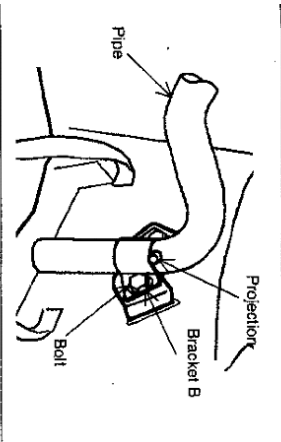
- Temporarily attach the pipe and bracket B with bolts. (2 locations)
If there is a clearance between bracket A and the pipe, insert a shim.

NOTE

- Adjust the number of shim, depending upon a clearance.
- Be almost equal in the number of shim between right and left sides.

5

EOK0B G8 2038



7. Verify that the pipe projection is inserted to contact bracket B, and completely tighten the bolt.
Tightening torque
Bolt 36.3~39.2N·m(370~400kgf·cm)

CAUTION

- If there is a clearance between bracket A and the pipe, do not tighten the bolt completely. The pipe, bracket A and bracket B may break.
- If the bolt is tightened outside the specified torque, bracket A, bracket B and the pipe may break or fall off. Be sure to tighten within the specified torque securely.

SPACER INSTALLATION

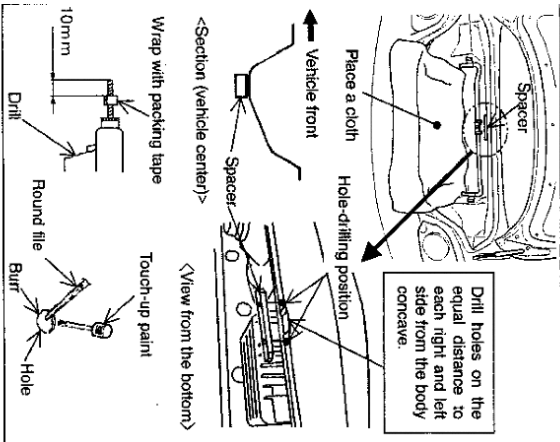
1. When drilling the body surface, cover it with a cloth to keep swarf away from the trunk inside.
2. Mark the body surface (hole pitch: 100mm) with a punch as shown in the figure, and drill 5mm holes. (2 locations)

CAUTION

- Drill holes in turn of 3mm~5mm.

WARNING

- The drill bits are extremely sharp. Use care when handling the bits to prevent injury.
- To prevent overdrilling, be sure to wrap the drill bits tightly with packing tape, etc.



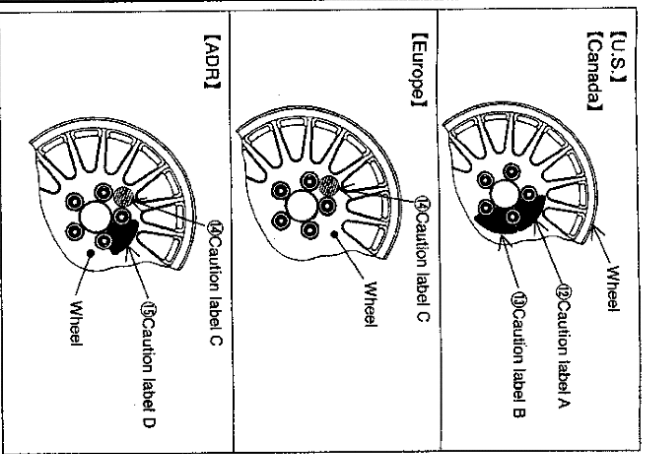
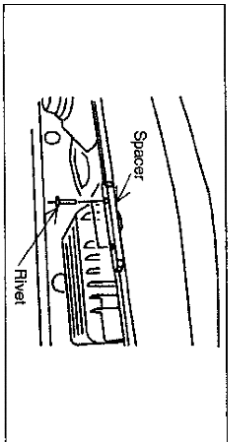
Drill holes on the equal distance to each right and left side from the body concave.

CAUTION

- To prevent rust, properly apply touch-up paint and sealant to the drilled holes.

WARNING

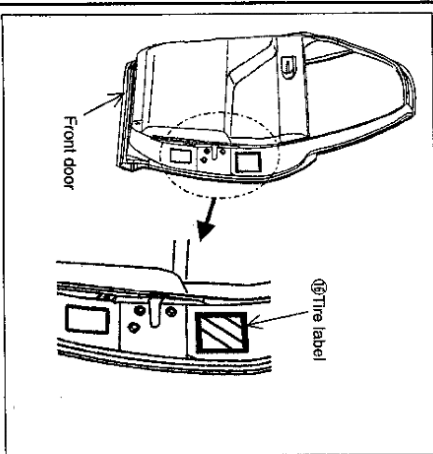
- Read the instruction manual for rivet tool carefully, and use care when handling the rivet tool to prevent injury.



7. Affix a caution label on the wheel as shown in the figure.
※ Depending upon the destination, a caution label is different in kind and adhesive position.

CAUTION

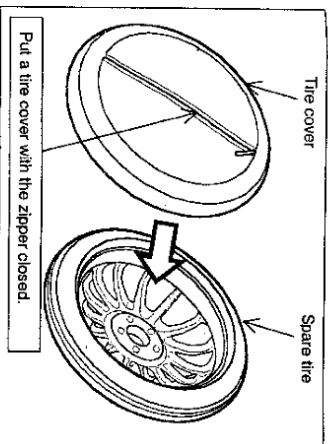
- Wipe oil or dirt off the adhesive surface of the caution label on the wheel with IPA (isopropyl alcohol).



The following procedure is for ADR.
8. Open the driver's side door, and affix the tire label on the surface except for R.

CAUTION

- Wipe oil or dirt off the adhesive surface of the caution label on the front door with IPA (isopropyl alcohol).



SPARE TIRE INSTALLATION

1. Put a tire cover from the back of the spare tire, and open three quarters of the zipper of the tire cover.

NOTE

- When installing a tire to its wheel, consult your Mazda Dealer.
- A tire needs to be separately purchased.

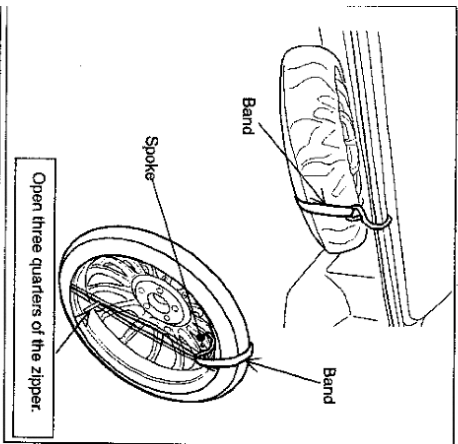
Recommended Tire

- Tire size : T125/70D17 98M
- Manufacturer's name : Bridgestone

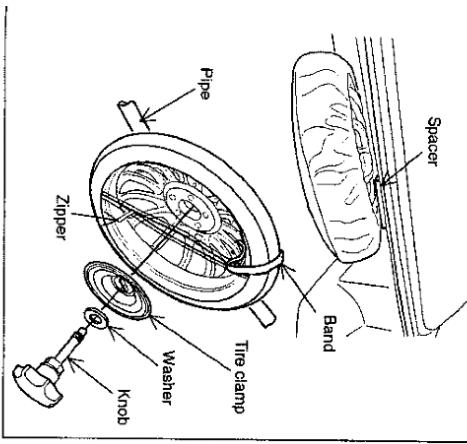
2. Be sure to place the spare tire to the depths of the trunk, attach a band on the wheel spoke and the trunk opening end.

CAUTION

- Attach the band securely. When installing the spare tire, the spare tire may fall off and cause injury.



Open three quarters of the zipper.

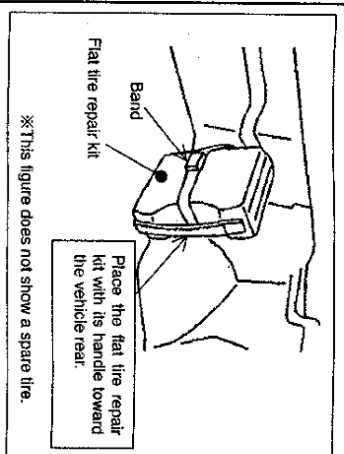


3. Install the spare tire to the pipe using a tire clamp, a washer, and a knob. Apply the spare tire to the spacer securely, and fasten the knob.

CAUTION

- Verify that the spare tire is applied to the spacer and installed securely. Otherwise, the knob may loosen and the spare tire may fall off during driving. This may lead to damage a cargo or a vehicle.

4. Store the band inside the tire cover, and close the zipper of the tire cover.



FLAT TIRE REPAIR KIT INSTALLATION

1. Place the flat tire repair kit with its handle toward the vehicle rear, and install it by adjusting the band.

※This figure does not show a spare tire.

[FOR CUSTOMER]

CAUTION

- After the initial driving, make sure there is no looseness in nuts or bolts, and inspect it periodically.

SPARE TIRE

The temporary spare tire is lighter and smaller than a conventional tire, and is designed only for emergency use and should be used only for VERY short periods. Temporary spares should NEVER be used for long drives or extended periods.

WARNING

- Driving with a Temporary Spare Tire on Ice or Snow: Driving with a spare tire on the rear (driving) wheels on ice or snow is dangerous. Handling will be affected. You could lose control of the vehicle and have an accident. Put the spare tire on the front axle and move a regular tire to the rear.

CAUTION

To avoid damage to the temporary spare or to the vehicle, observe the following precautions:

- Don't exceed 80 km/h (50 mph).
- Avoid driving over obstacles. Also, don't drive through an automatic car wash. This tire's diameter is smaller than a conventional tire's, so the ground clearance is reduced about 25 mm(1 in).
- Don't use a tire chain on this tire because it won't fit properly.
- Don't use your temporary spare on any other vehicle; it has been designed only for your Mazda.
- Use only one temporary spare tire on your vehicle at same time.

(With limited slip differential)

- When using the temporary spare tire on the rear axle, replace it with a standard tire as soon as possible. The size difference between the spare and the standard tire will cause the limited slip differential to malfunction.

NOTE

- Inspect the temporary spare tire periodically to make sure it is properly inflated. Maintain its pressure at 420kPa (4.2kgf/cm²).
- If the tread wear solid-band indicator appears, replace the tire with the same type of temporary spare tire.
- Refer to the Owner's manual "Owner Maintenance/Tire".

(With Tire Pressure Monitoring System)

- A tire pressure sensor is not installed to the temporary spare tire. The warning light will flash continuously while the temporary spare tire is being used.
- Refer to the Owner's manual "Tire Pressure Monitoring System"

(For Australia model)

Tire size	Inflation pressure
T125/70D17 98M	420kPa(60psi)
Tire size	Rim size
T125/70D17 98M	4T

Temporary spare tires fitted to this vehicle must have a maximum load rating of not less than 750kg, or a load index of 98 and a speed category symbol of not less than "M"(130km/h).

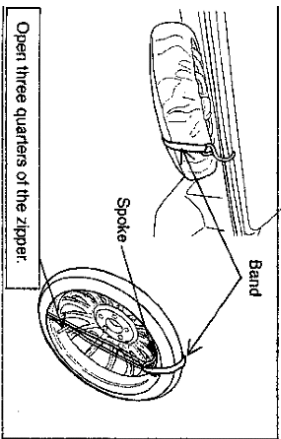
The pressure is suitable for all speeds.

The temporary spare tire is for temporary use only and should be replaced with a standard tire as soon as possible.

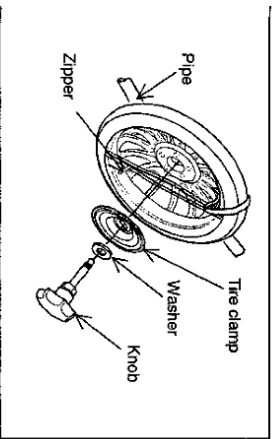
Drive carefully and avoid road hazards such as pot-holes, etc.

Use the temporary spare tire only on non-drive axle, not on drive axle.

(1) REMOVING THE SPARE TIRE



Open three quarters of the zipper.



1. Open three quarters of the zipper of the tire cover, and attach a band on the wheel spoke and the trunk opening end.

CAUTION

- Attach the band securely. When installing the spare tire, the spare tire may fall off and cause injury.

2. Loosen the knob fixing the tire, and remove the tire covered with the tire cover.

3. Remove the tire cover from the tire.

CAUTION

- Keep the removed parts carefully, so as to prevent scratches and loss.

(2) STORING THE SPARE TIRE

- Store the spare tire in reverse order from removal. Verify that the tire is securely fixed.

CHANGING THE FLAT TIRE

NOTE

(With Tire Pressure Monitoring System)

- Be sure to register the tire pressure sensor ID code whenever tires or wheels are changed.
- Refer to the Owner's manual "Tire Pressure Monitoring System"

WARNING

Jacking a Vehicle:

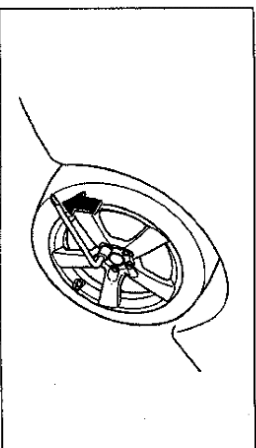
- Changing a tire is dangerous if not done properly. The vehicle can slip off the jack and seriously injure someone. Be sure to follow the directions for changing a tire, and never get under a vehicle that is supported only by a jack.
- Passenger in Vehicle Supported by a Jack: Allowing someone to remain in a vehicle supported by a jack is dangerous. The occupant could cause the vehicle to fall resulting in serious injury. Never allow anyone inside a vehicle supported by a jack.

NOTE

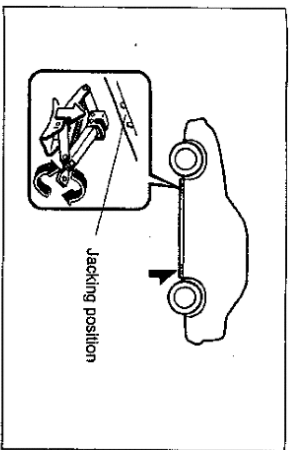
- Make sure the jack is well lubricated before using it.

1. Park on a level surface off the right-of-way and firmly set the parking brake.
2. Put a vehicle with an automatic transmission in Park (P), a manual transmission in Reverse (R) or 1, and turn off the engine.
3. Turn on the hazard warning flasher.
4. Have everyone get out of the vehicle and away from the vehicle and traffic.
5. Remove the jack, tool, and temporary spare tire.
6. Block the wheel diagonally opposite the tire to be changed. When blocking a wheel, place a block both in front and behind the tire.

(1) REMOVING THE FLAT TIRE



1. Loosen the lug nuts by turning them counterclockwise one turn each, but don't remove any until the tire has been raised off the ground.



2. Place the jack under the jacking position closest to the tire being changed.
 →Refer to **the Owner's manual "Changing the Tire"**.

⚠ WARNING

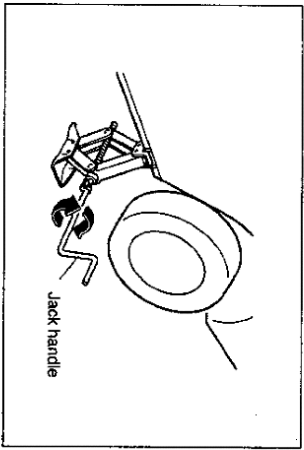
Incorrect Jacking Position:
 • Attempting to jack the vehicle in positions other than those recommended in the Owner's manual is dangerous. The vehicle could slip off the jack and seriously injure or even kill someone. Use only the front and rear jacking positions recommended in the Owner's manual.
 →Refer to **the Owner's manual "Changing the Tire"**.

Improper Jack:

• Using a jack that isn't designed for your Mazda is dangerous. The vehicle could slip off the jack and seriously injure someone. Use only the jack provided with your Mazda.

Placing Objects Under the Jack:

• Jacking the vehicle with an object under the jack is dangerous. The jack could slip and someone could be seriously injured by the jack or the falling vehicle. Never place objects under the jack.

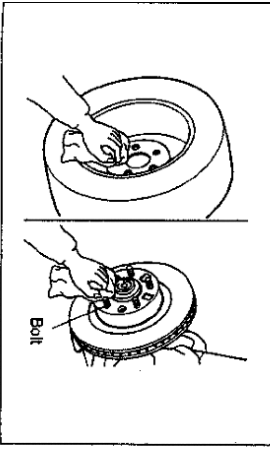


3. Insert the jack handle into the jack.

4. Turn the jack handle clockwise and raise the vehicle high enough so that the tire can be installed. Before removing the lug nuts, make sure your Mazda is firmly in position and that it cannot slip or move.

5. Remove the lug nuts by turning them counterclockwise, then remove the wheel.

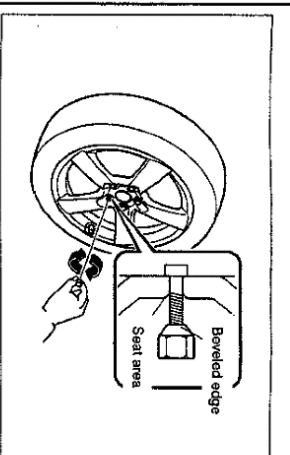
(2) MOUNTING THE SPARE TIRE



1. Remove dirt and grime from the mounting surfaces of the wheel and hub bolts, with a cloth.

⚠ WARNING

Removing Dirt and Grime from Wheels, Hubs and Hub Bolts:
 • When changing or replacing a tire, not removing dirt and grime from the mounting surfaces of the wheel, hub and hub bolts is dangerous. The lug nuts could loosen while driving and cause the tire to come off, resulting in an accident. Make sure the mounting surfaces of the wheel, hub and lug nuts are clean before changing or replacing tires.

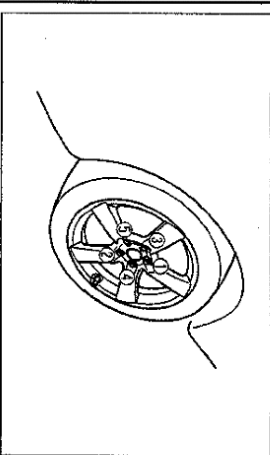


2. Mount the spare tire.

3. Install the lug nuts the beveled edge inward; tighten them by hand.

⚠ WARNING

Don't Apply Oil or Grease to Lug Nuts, Bolts:
 • Applying oil or grease to lug nuts and bolts is dangerous. The lug nuts could loosen while driving and cause the tire to come off, resulting in an accident. In addition, lug nuts and bolts could be damaged if tightened more than necessary. Do not apply oil or grease to lug nuts and bolts and do not tighten the lug nuts beyond the recommended tightening torque.



4. Turn the jack handle counterclockwise and lower the vehicle. Use the lug wrench to tighten the nuts in the order shown.
 If you're unsure of how tight the nuts should be, have them inspected at a service station.

Tightening torque
 88~118N·m(9~12kgf·m)

⚠ WARNING

Loose Lug Nuts:
 • Improperly or loosely tightened lug nuts are dangerous. The wheel could wobble or come off. This could result in loss of vehicle control and cause a serious accident. Always securely and correctly tighten the lug nuts.

Metric Studs and Lug Nuts:

• Because the wheel studs and lug nuts on your Mazda have metric threads, using a non-metric nut is dangerous. On a metric stud, it would not secure the wheel and would damage the stud, which could cause the wheel to slip off and cause an accident. Be sure to reinstall the same nuts you removed or replace them with metric nuts of the same configuration.

Incorrect Tire/Air Pressure:

• Driving on tires with incorrect air pressure is dangerous. Tires with incorrect pressure could affect handling and result in an accident. Don't drive with any tires that have incorrect air pressure.

5. Store the damaged tire in the trunk.

NOTE

• To prevent the jack and tool from rattling, store them properly.
 • The spare tire attachment can not be used for a standard tire.