

Внимание!

Уважаемый читатель!

Скорее всего, ты скачал это руководство из сети Интернет совершенно бесплатно.

Это стало возможным не по мановению волшебной палочки и не по воле Господа.

Кто-то заплатил за это руководство свои деньги. Кто-то еще вложил свой труд, отсканировав его и приведя в удобочитаемый вид. Другие сделали его общедоступным и поддерживают его доступность.

Вы могли бы отблагодарить этих людей в исключительно простой и приятной для Вас форме - просто **ПОМОГИ СПАСТИ ЖИЗНЬ РЕБЕНКУ**

Сделать это очень просто: просто переведите **любую приемлемую для Вас сумму** в адрес **любого, выбранного Вами, благотворительного фонда или ребенка, нуждающегося в помощи.**

Не стесняйтесь, порой даже 100 руб. могут помочь спасти чью-то жизнь!
Вот только некоторые адреса, где детям реально нужна помощь:

Раздел "Давайте поможем" форума "Кроха": <http://kroha.dn.ua/help>

Фонд "Подари Жизнь": www.podari-zhizn.ru

Благотворительный фонд "Дети Земли": www.childrenofearth.org

Фонд помощи больным детям "Доброе Сердце": <http://dobroe-serdce.ru/>

Благотворительный фонд "Линия Жизни": www.life-line.ru

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Attention Please!

Dear friend!

Most likely you've downloaded this manual from the Internet absolutely free of charge.

It became possible not by a wave of a magic wand and not by the will of the Lord.
One paid for this manual his or her money. One spent lots of hours for scanning this manual and making it clearly readable. Others made and keep it freely accessible.

You could express your gratitude to these people in a simple and pleasant way - just **HELP TO SAVE A CHILD'S LIFE**

You can do it very easily - **just donate as much as you can afford to any Charitable Foundation or to any child of your choice who really needs help.**

Do not hesitate, sometimes even a couple of bucks/euros may help to save someone's life!
Here are a few links to where you can make your donations. Use them or find your own:

Charitable Foundation "Gift of Life": www.givelifenow.co.uk

Foundation for sick children "Good Heart": <http://dobroe-serdce.ru/>

Children of Earth Charity Foundation: <http://www.childrenofearth.org/en/>

Это руководство имеется в наличии в бумажном виде. Если какие то части этого руководства нужны вам в лучшем качестве или разрешении, вы можете оставить свою просьбу о пересканировании в конференции

www.mazda-auto.ru

(<http://www.mazda-auto.ru/viewforum.php?f=1>)

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A hardcopy of this manual is available. Should you need any parts of this manual in better quality/resolution, try posting your request to rescan the required parts in the web-conference www.mazda-auto.ru

(<http://www.mazda-auto.ru/viewforum.php?f=1>)

Mazda 626

Workshop Manual



7/87

mazda

ECE and General

Mazda 626 Workshop Manual

FOREWORD

This workshop manual is intended for use by service technicians of authorized Mazda dealers to help them service Mazda vehicles. This manual can be also useful in diagnosing certain problems and performing some repair and maintenance on Mazda vehicles.

For proper repair and maintenance, it is important to be thoroughly familiarized with this manual. It is recommended that this manual always be kept in a handy place for quick and easy reference.

All the contents of this manual, including photographs, drawings, and specifications, are the latest available at the time of printing. As modifications affecting repair or maintenance occur, relevant information supplementary to this volume will be made available at Mazda dealers. This manual should be kept up-to-date.

Mazda Motor Corporation reserves the right to alter the specifications and contents of this manual without obligation or advance notice.

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**Mazda Motor Corporation
HIROSHIMA JAPAN**

Refer to the following wiring diagrams if necessary.

Refer to From No.
5095-10-87G..... L.H.D.
5096-10-87G R.H.D.
5096-20-87I Germany
5095-30-87I..... French

CONTENTS

Title			Section
General Information			G
Pre-Delivery Inspection and Scheduled Maintenance			0
Engine	Gasoline	F6, F8, FE	1A
		FE (DOHC)	1B
	Diesel	RF-CX, RF-N	1C
Lubrication System	Gasoline		2A
	Diesel		2B
Cooling System	Gasoline		3A
	Diesel		3B
Fuel and Emission Control Systems	Carburetor	F6, F8, FE	4A
	Fuel Injection	FE	4B
		FE (DOHC)	4C
	Diesel	RF-CX, RF-N	4D
Engine Electrical System			5
Clutch			6
Transaxle	Manual		7A
	Automatic	EC-AT and 4-Speed	7B
		3-Speed	7C
Front and Rear Axles			9
Steering System			10
Braking System			11
Wheels and Tires			12
Suspension			13
Body			14
Body Electrical System			15
Air Conditioning System			16
Technical Data			30
Special Tools			40

GENERAL INFORMATION

IMPORTANT INFORMATION	G— 2
FUNDAMENTAL PROCEDURES	G— 2
JACK AND SAFETY STAND (RIGID RACK)	
POSITIONS	G— 6
VEHICLE LIFT (2-SUPPORT TYPE)	
POSITIONS	G— 7
TOWING	G— 8
CHASSIS NUMBER LOCATION	G— 9
ENGINE MODEL AND NUMBER	
LOCATION	G— 9
UNITS	G— 9
ABBREVIATIONS	G— 9
CAUTION	G—10

G IMPORTANT INFORMATION/FUNDAMENTAL PROCEDURES

IMPORTANT INFORMATION

BASIC ASSUMPTIONS

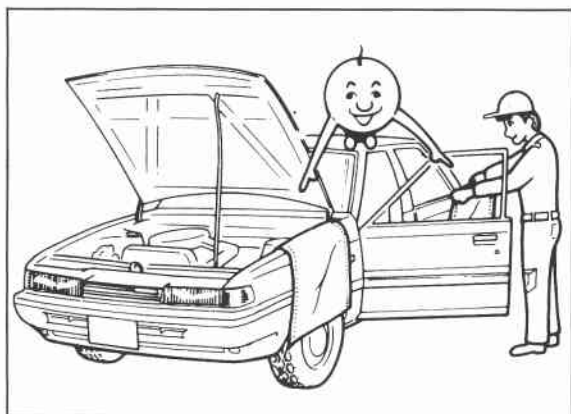
This workshop manual assumes that you have and know how to properly use certain special tools which are necessary for the safe and efficient performance of service operations on Mazda vehicles. The manual also assumes that you are familiar generally with automobile systems and basic service and repair procedures. You should not attempt to use this manual unless these assumptions are correct and you understand the consequences described below.

SAFETY RISK

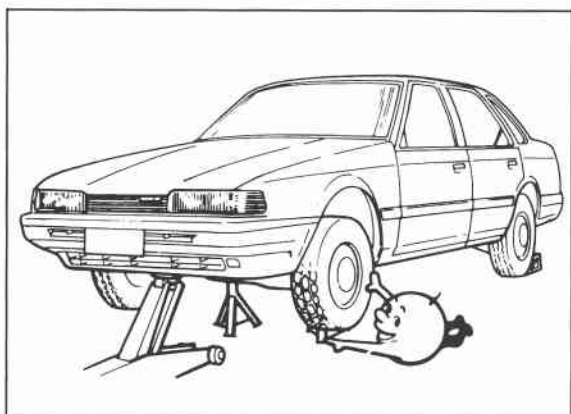
This manual contains certain notes, warnings, etc., which you should carefully read and follow in order to eliminate the risk of personal injury to yourself or others and the risk of improper service which may damage the vehicle or render it unsafe. The fact that there are no such notes, etc., with respect to any specific service method does not mean that there is no possibility that personal safety or vehicle safety will be jeopardized by the use of incorrect methods or tools.

POSSIBLE LOSS OF WARRANTY

The manufacturer's warranty on Mazda vehicles and engines can be voided if improper service or repairs are performed by persons other than an authorized Mazda dealer.



47U0GX-002



47U0GX-003

FUNDAMENTAL PROCEDURES

As you read through the procedure, you will come across NOTES, CAUTIONS, and WARNINGS. Each one is there for a specific purpose. **NOTES** give you **added information** that will help you to complete a particular procedure. **CAUTIONS** are given to prevent you from making an error that could **damage the vehicle**. **WARNINGS** remind you to be especially careful in those areas where carelessness can cause **personal injury**. The following list contains some general WARNINGS that you should follow when you work on a vehicle.

PROTECTION OF THE VEHICLE

Always be sure to cover fenders, seats, and floor areas before starting work.

A WORD ABOUT SAFETY

The following precautions must be followed when jacking up the vehicle.

1. Block wheels.
2. Use only specified jacking positions.
3. Support vehicle with safety stands (rigid racks).

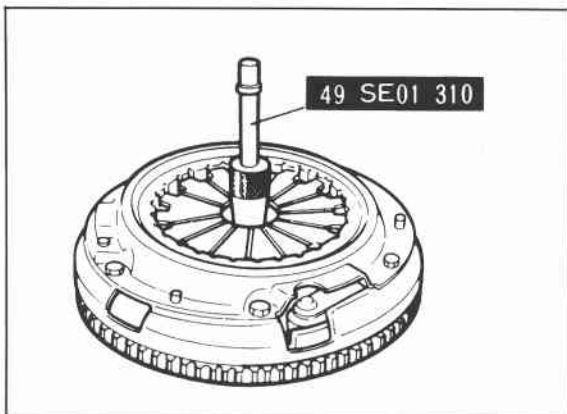
Start the engine only after making certain the engine compartment is clear of tools and people.



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PREPARATION OF TOOLS AND MEASURING EQUIPMENT

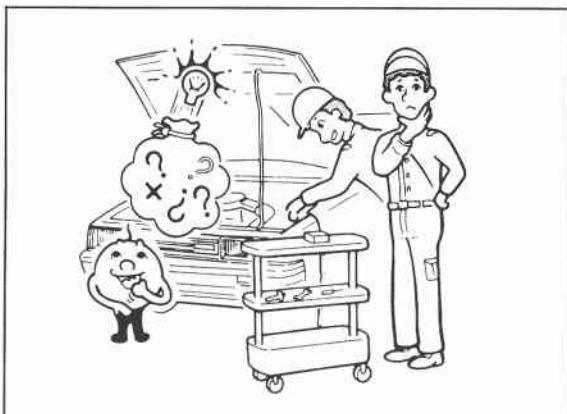
Be sure that all necessary tools and measuring equipment are available before starting any work activity.



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SPECIAL TOOLS

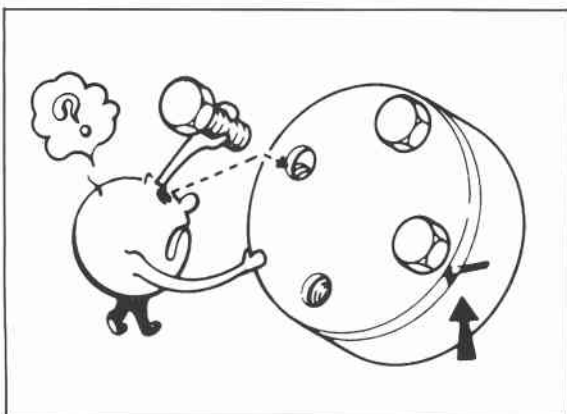
Use special tools when they are required.



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REMOVAL OF PARTS

While correcting a problem, try also to determine its cause. Begin work only after first learning which parts and subassemblies must be removed and disassembled for replacement or repair.

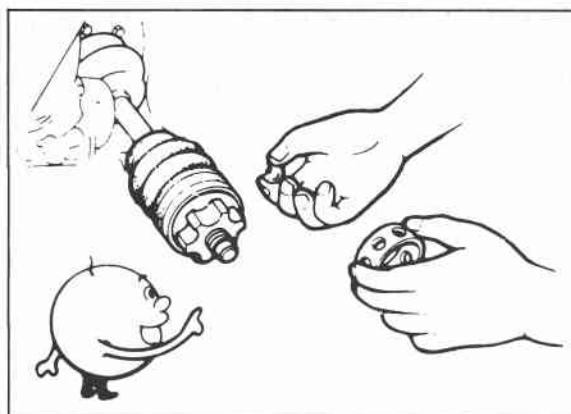


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DISASSEMBLY

If the disassembly procedure is complex, requiring many parts to be disassembled, all parts should be disassembled in a way that will not affect their performance or external appearance, and be identified so that reassembly can be performed easily and efficiently.

G FUNDAMENTAL PROCEDURES

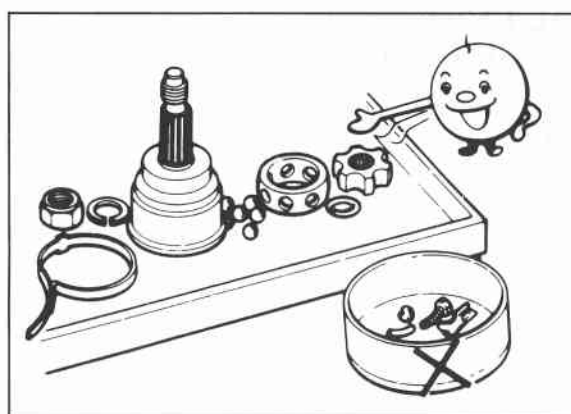


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DISASSEMBLY

1. Inspection of parts

Each part when removed should be carefully inspected for malfunctioning, deformation, damage, and other problems.

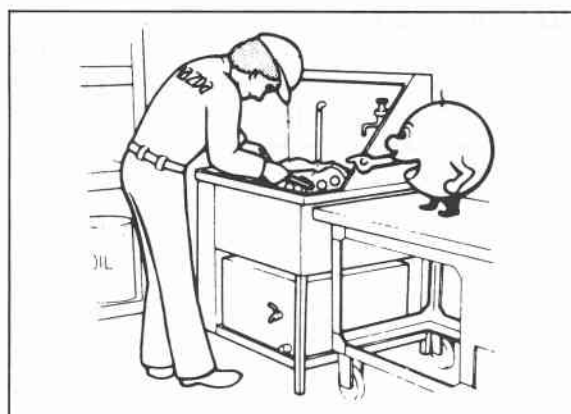


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2. Arrangement of parts

All disassembled parts should be carefully arranged for reassembly.

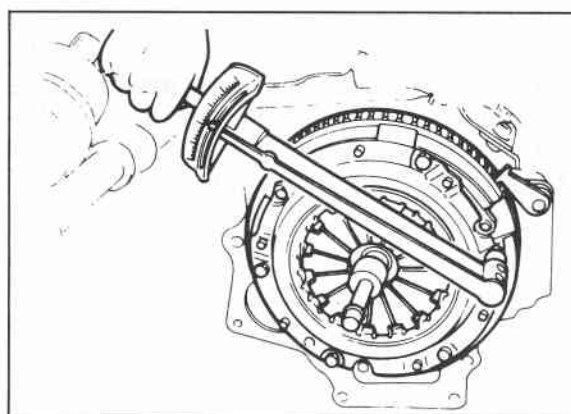
Be sure to separate or otherwise identify the parts to be replaced from those that will be reused.



47U0GX-010

3. Cleaning parts for reuse

All parts to be reused should be carefully and thoroughly cleaned in the appropriate method.



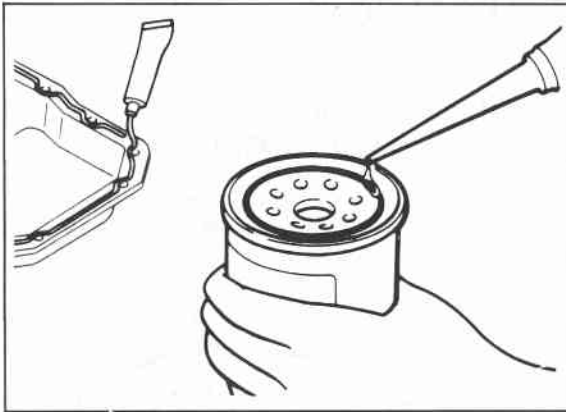
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REASSEMBLY

Standard values, such as torques and certain adjustments, must be strictly observed in the reassembly of all parts.

If removed, these parts should be replaced with new ones:

1. Oil seals
2. Gasket
3. O-rings
4. Lock washers
5. Cotter pins (split pins)
6. Nylon nuts



47U0GX-012

Depending on where they are;

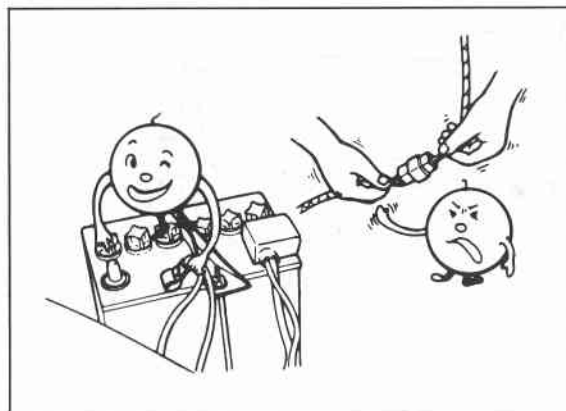
1. Sealant should be applied to gaskets
2. Oil should be applied to the moving components of parts
3. Specified oil or grease should be applied at the prescribed locations (oil seals, etc.) before assembly.



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ADJUSTMENTS

Use suitable gauges and/or testers when making various adjustments.



47U0GX-014

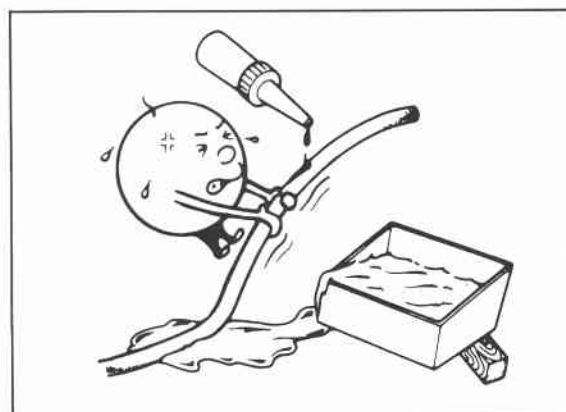
ELECTRICAL SYSTEM

Be sure to disconnect the battery cable from the negative (-) terminal of the battery.

Never pull on the wiring when disconnecting connectors.

When locking connectors, make sure to listen for a click that will let you know they are securely locked.

Handle sensors and relays carefully. Be careful not to drop them or strike them against other parts.



47U0GX-015

RUBBER PARTS AND TUBING

Always prevent gasoline or oil from getting on rubber parts or tubing.

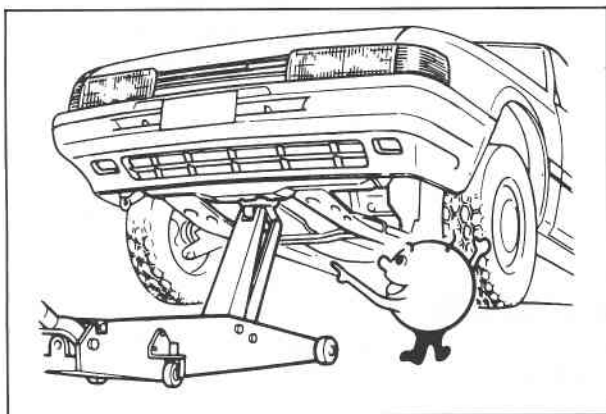
G JACK AND SAFETY STAND (RIGID RACK) POSITIONS

JACK AND SAFETY STAND (RIGID RACK) POSITIONS

FRONT END

Jack position:

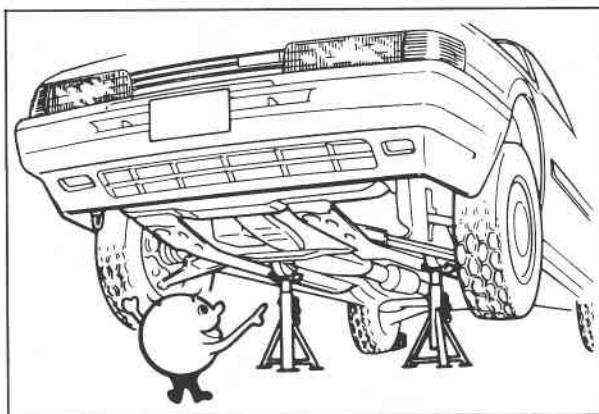
At the center of the crossmember



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Safety stand positions:

On both sides of the body frame



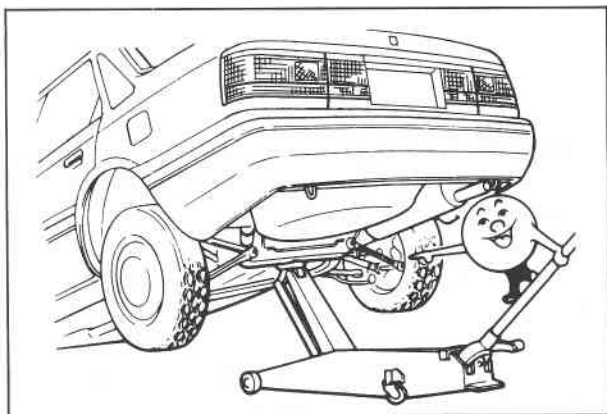
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REAR END

Jack position:

At the center of the rear crossmember

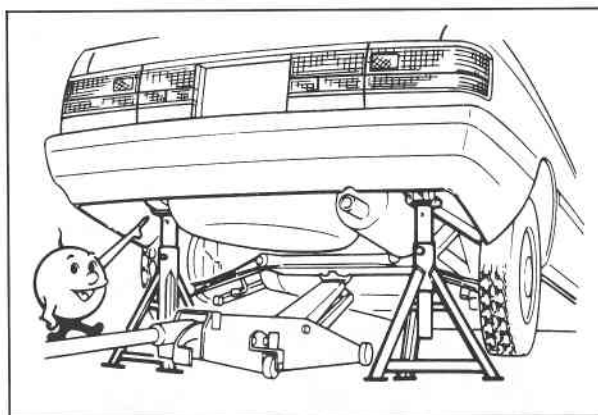
2WS



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Safety stand positions:

On both sides of the body frame

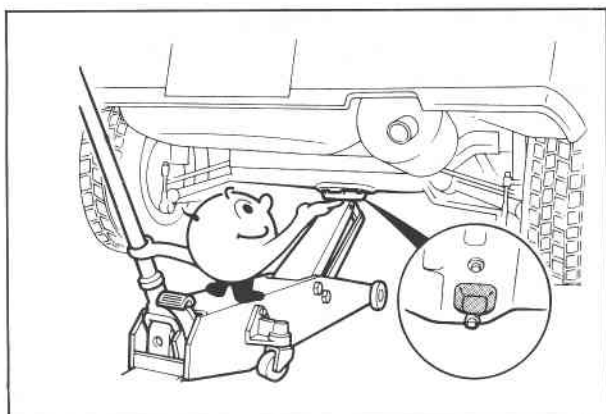


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Jack position:

At the center of the rear crossmember

4WS



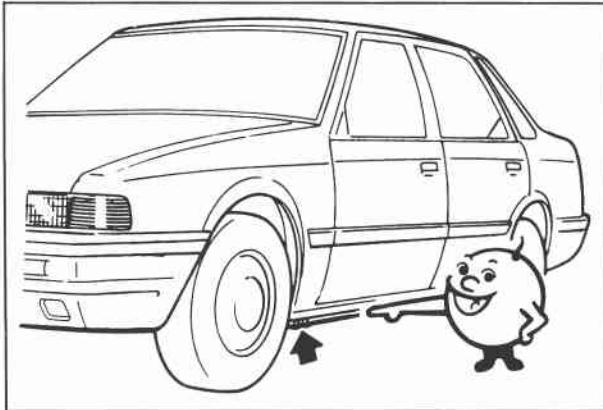
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VEHICLE LIFT (2-SUPPORT TYPE) POSITIONS

FRONT END

Frame

Side sills (front)

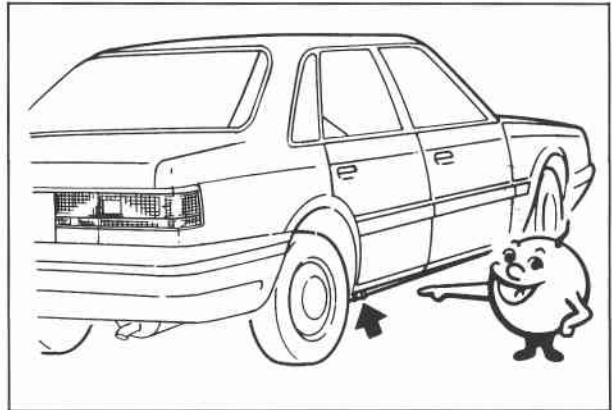


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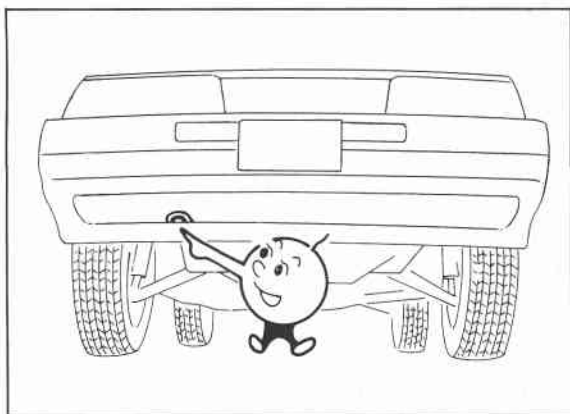
REAR END

Frame

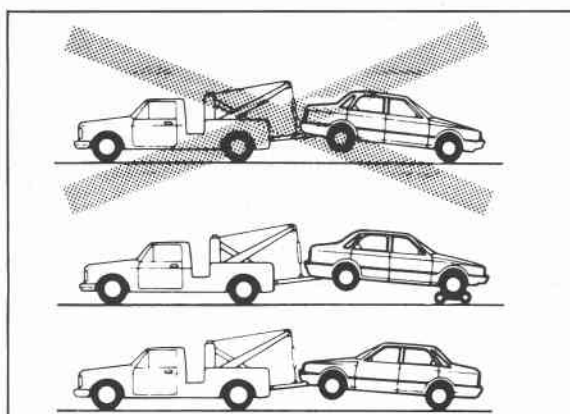
Side sills (rear)



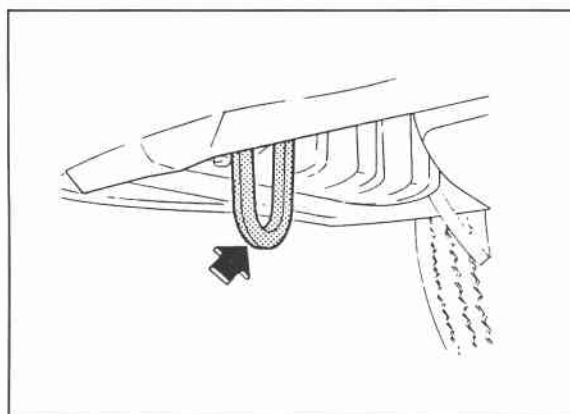
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76U0GX-003



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TOWING

Proper towing equipment is necessary to prevent damage to the vehicle during any towing operation. Laws and regulations applicable to vehicles in tow must always be observed.

Whether the vehicle is equipped with either an automatic or manual transaxle, release the parking brake, place the selector lever (shift lever) in neutral, and set the ignition key in the "ACC" position. As a rule, towed vehicles should be pulled with their drive wheels off the ground.

If excessive vehicle damage or other conditions prevent towing a vehicle with its drive wheels up, use wheel dollies. With all four wheels on the ground, the vehicle may be towed only forward. In this case, it cannot be towed at a speed exceeding 56 km/h (35 mph) for more than 80 km (50 miles) without danger of damaging the transaxle.

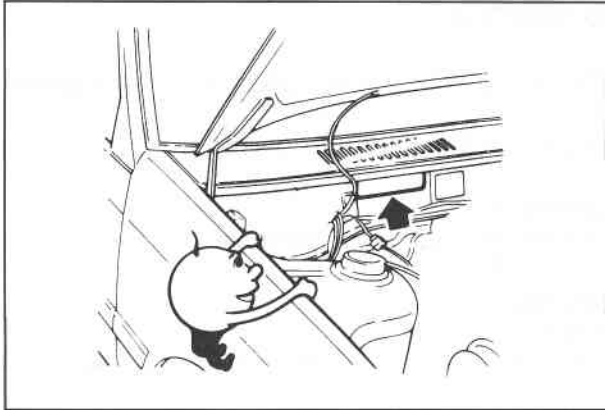
If the towing speed will exceed 56 km/h (35 mph), or if the towing distance will exceed 80 km (50 miles), use either of these two methods:

1. Place the front wheels on dollies.
2. Tow with the front wheels off the ground.

CAUTIONS

- a) The power assist for the brakes and steering (if so equipped) will be inoperable while the engine is off.
- b) When either of the towing hooks is used, always pull the cable or chain straight away from the hook and do not apply any sideways force to it. To further help prevent damage, do not take up slack too quickly in the cable or chain.
- c) The rear towing hook should be used only in an emergency situation, (e.g., to pull the vehicle from a ditch, a snowbank, or mud).

CHASSIS NUMBER LOCATION



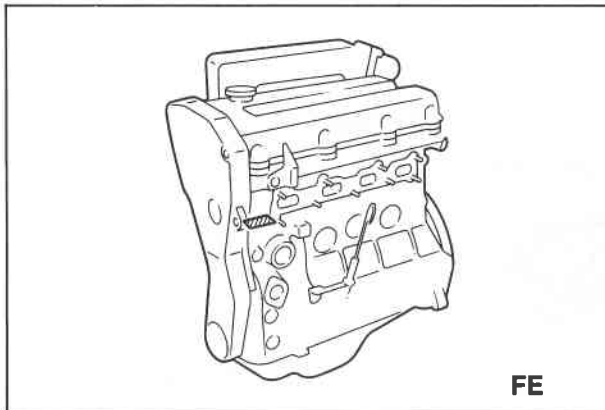
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UNITS

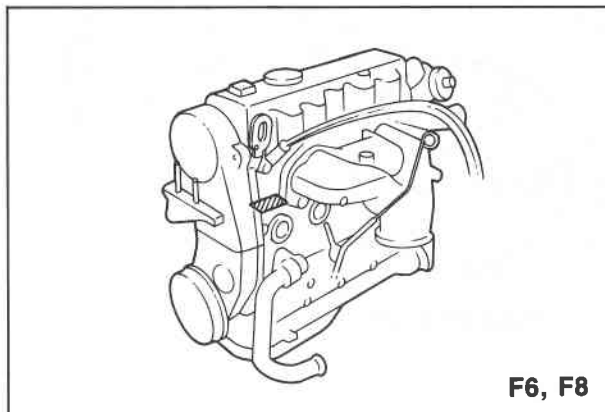
N-m (m-kg, ft-lb or in-lb)	Torque
rpm	Revolutions per minute
A	Ampere(s)
V	Volt(s)
Ω	Ohm(s) (resistance)
kPa (psi)	Pressure (usually positive)
mmHg (in Hg)	Pressure (usually negative)
W	Watt

76G0GX-004

ENGINE MODEL AND NUMBER LOCATION



67U0GX-007



F6, F8

ABBREVIATIONS

AAS	Auto adjusting suspension
A/C	Air conditioner
ACC	Accessories
ABDC	After bottom dead center
ATDC	After top dead center
ATX	Automatic transaxle
ATF	Automatic transmission fluid
ABS	Anti-lock brake system
BBDC	Before bottom dead center
BTDC	Before top dead center
EX	Exhaust
EC-AT	Electronically controlled automatic transaxle
ESPS	Engine speed sensing power steering
ECPS	Electronically-controlled power steering
HLA	Hydraulic lash adjuster
IG	Ignition
IN	Intake
IC	Integrated circuit
INT	Intermittent
LH	Left hand
MTX	Manual transaxle
M	Motor
OFF	Switch off
ON	Switch on
PCV	Positive crankcase ventilation
P/S	Power steering
P/W	Power window
RH	Right hand
RF-CX	Comprex supercharged RF engine
RF-N	Normally aspirated RF engine
ST	Start
SW	Switch
SST	Special tools
4WS	4-wheel steering
2WS	2-wheel steering
4HAT	4-speed hydraulic automatic transaxle
FI	Fuel injection

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G CAUTION

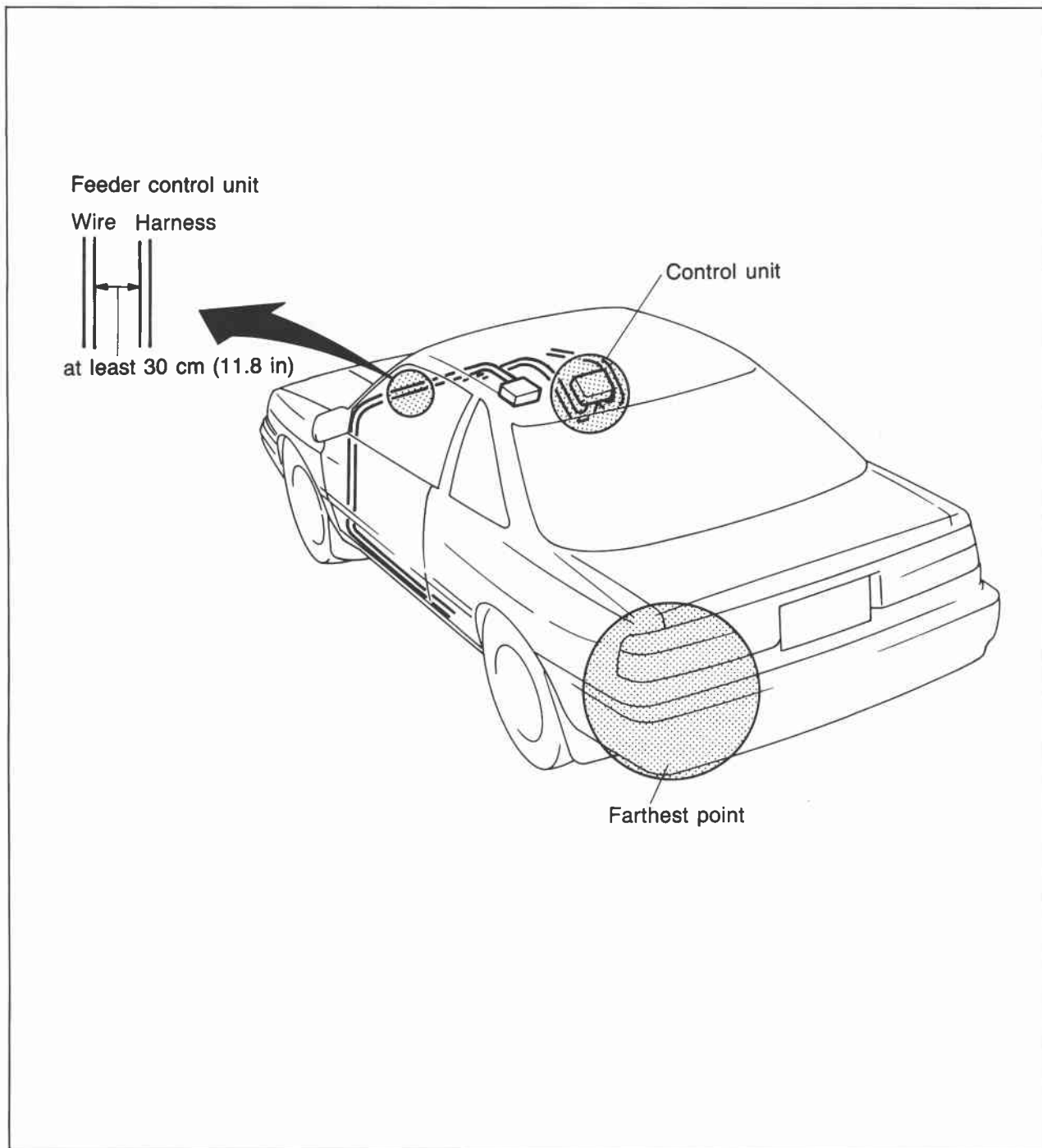
CAUTION

INSTALLATION OF A MOBILE TWO-WAY RADIO SYSTEM

If a mobile two-way radio system is installed improperly, or if a wrong type is used, the Fuel Injection system and other systems may be affected.

When car is equipped with a mobile two-way radio system, observe the following precautions.

1. Install the antenna at the farthest point from the control unit.
2. Keep the antenna feeder away from the control unit harness as far as possible.
(at least 30cm (11.8 in))
3. Insure that the antenna and feeder are properly adjusted.
4. Do not install a powerful mobile two-way radio system.



86U0GX-002