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who, well, didn't do much this time, since Paul Lee provided the thing already scanned and compiled into a PDF! (Thanks!). Go visit his website: <http://www.iluvmyrx7.com/index.htm> Lots of RX-7 goodness there.

There are several ways to get around in the document. I have provided Bookmarks to all the sections, and thumbnails are also provided in the Thumbnails side bar.

I have also included a label for the spine of a binder, for those who wish to print out all the pages and keep a dead-tree edition handy.☺

The original document is © 1979 Toyo Kogyo Co., Ltd., and remains so. This version is provided as a service for owners of first generation Mazda RX-7s who are having a devil of a time locating the factory service manual for a reasonable price.

If you really want to send me money, email me and I'll tell you where to send it, but it's not necessary. Consider this payback for all the good advice and information gleaned from the various RX-7 email lists!

Subscribe to the Early Mazda Rotaries email list:

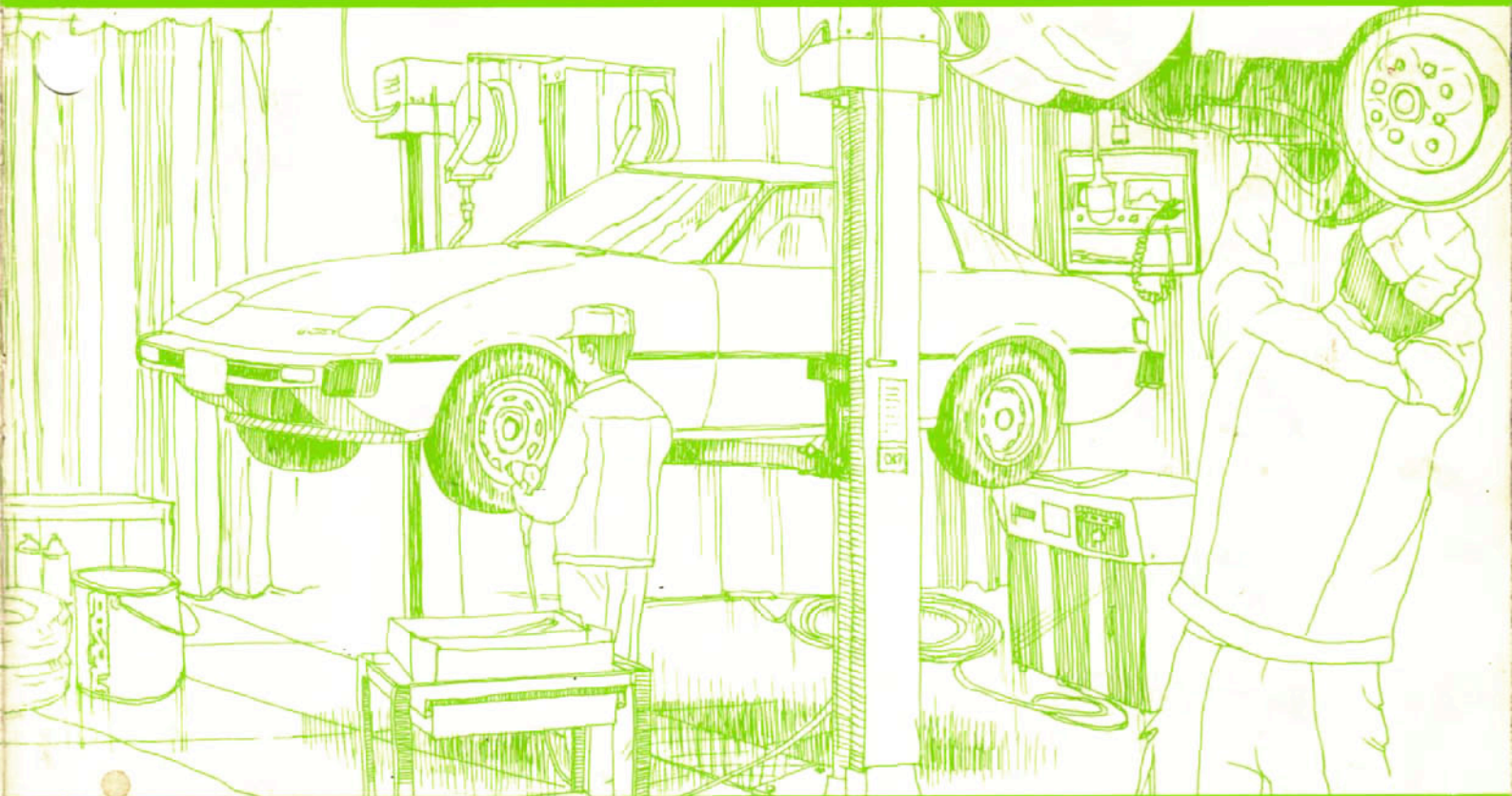
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See <http://www.dfw-rx7.com> for information on the DFW-RX7 email list.

09/16/03

Mazda RX-7

1980
Workshop Manual



mazda

1980 Mazda RX-7 Workshop Manual

FOREWORD

This workshop manual was prepared as reference material of the service personnel of authorized Mazda dealers to enable them to correctly carry out the task of rendering services and maintenance on Mazda vehicles.

In order to ensure that the customers are satisfied with Mazda products, proper servicing and maintenance must be provided. For this purpose, the service personnel must fully understand the contents for this manual and at the same time, are recommended to keep the manual in a place where reference can readily be made.

The information, photographs, drawings and specifications entered in this manual were the best available at the time of printing this manual. All alterations to this manual occurring as the result of modifications will be notified by the issuance of Service Informations or supplementary volumes. It is, therefore, requested that the manual be kept up to date by carefully maintaining a follow-up of these materials.

Toyo Kogyo reserves the right to alter the specifications and contents of this manual without any obligation and advance notice.

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Toyo Kogyo Co., Ltd.
HIROSHIMA, JAPAN

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IMPORTANT INFORMATION

BASIC ASSUMPTIONS

This service 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 **Cautions** which you should carefully read and follow in order to minimize the risk of **personal injury** to you or others and the risk of improper service methods which may damage your Mazda or render it unsafe. The fact that there are no **Cautions** with respect to any specific service method does not mean that there is no safety risk involved. **YOU SHOULD SATISFY YOURSELF IN EVERY CASE THAT NEITHER PERSONAL SAFETY OR VEHICLE SAFETY WILL BE JEOPARDIZED BY THE SERVICE METHOD OR TOOLS YOU SELECT.**

POSSIBLE LOSS OF WARRANTY

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

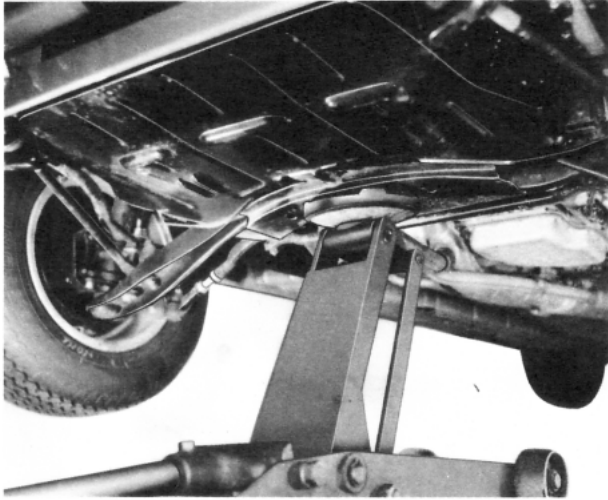
Strict compliance with the instructions in this manual is necessary to prevent loss of coverage under such warranties.

GENERAL SERVICE INSTRUCTIONS

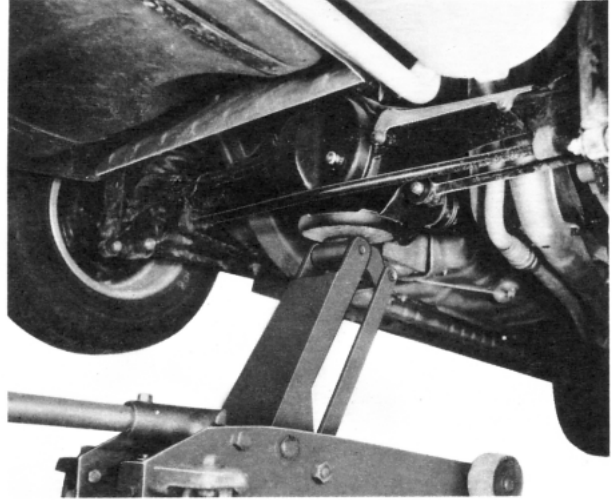
1. If a vehicle is to be jacked up only at the front or rear end, be sure to block wheels in order to ensure safety.
2. After a vehicle is jacked up, do not fail to support it with stands (rigid racks).
3. Use fender covers, seat covers and floor covers to keep vehicle clean and prevent any damage.
4. Before servicing an electrical system, always disconnect the negative cable at the battery (-) terminal.
5. Do not start to disassemble at once. Always make sure first whether the trouble is of the kind that requires disassembly.
6. If a complicated place is to be disassembled, place punch marks, match marks, etc., at place that will not affect function in order to make reassembly work easier.
7. Always replace the used gaskets, "O" rings and split pins with new ones.
8. Apply sealer or grease at the parts called for.
9. Tighten the bolts and nuts to specified torque using a torque wrench.
10. Some of the service operations require the special tool. Be sure to use the special tool where specified and follow the correct working procedure.

JACK-UP AND SUPPORT LOCATIONS

FLOOR JACK LIFT POINTS

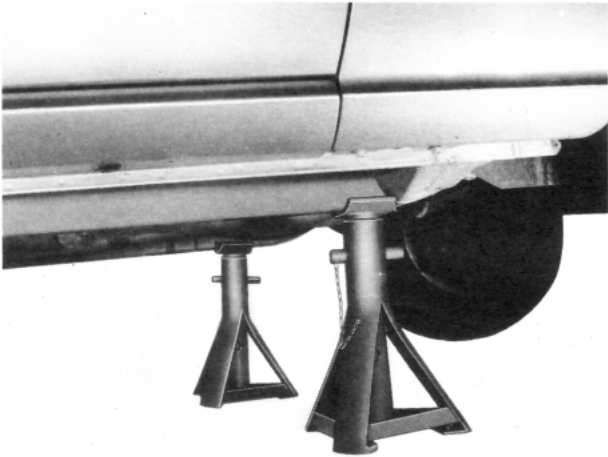


Front

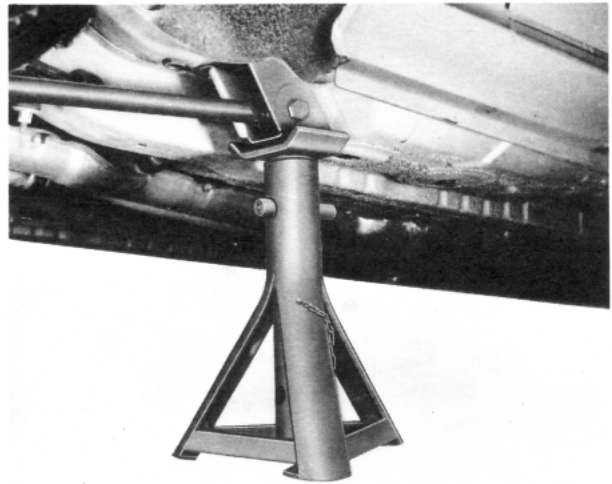


Rear

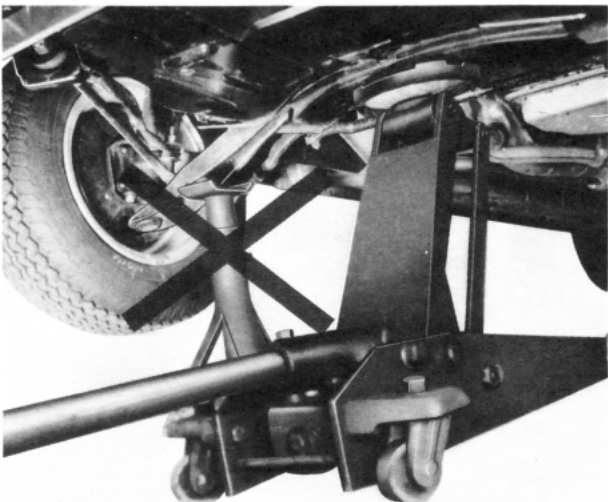
STAND LOCATIONS



Front



Rear



Wrong

Note:
After jacking-up, adjust and place safety stands to support the vehicle approximately level, and lower the vehicle onto stands.

Mazda RX-7 ¹⁹⁸⁰ Workshop Manual

MAZDA