

SECTION 18

BODY SERVICE

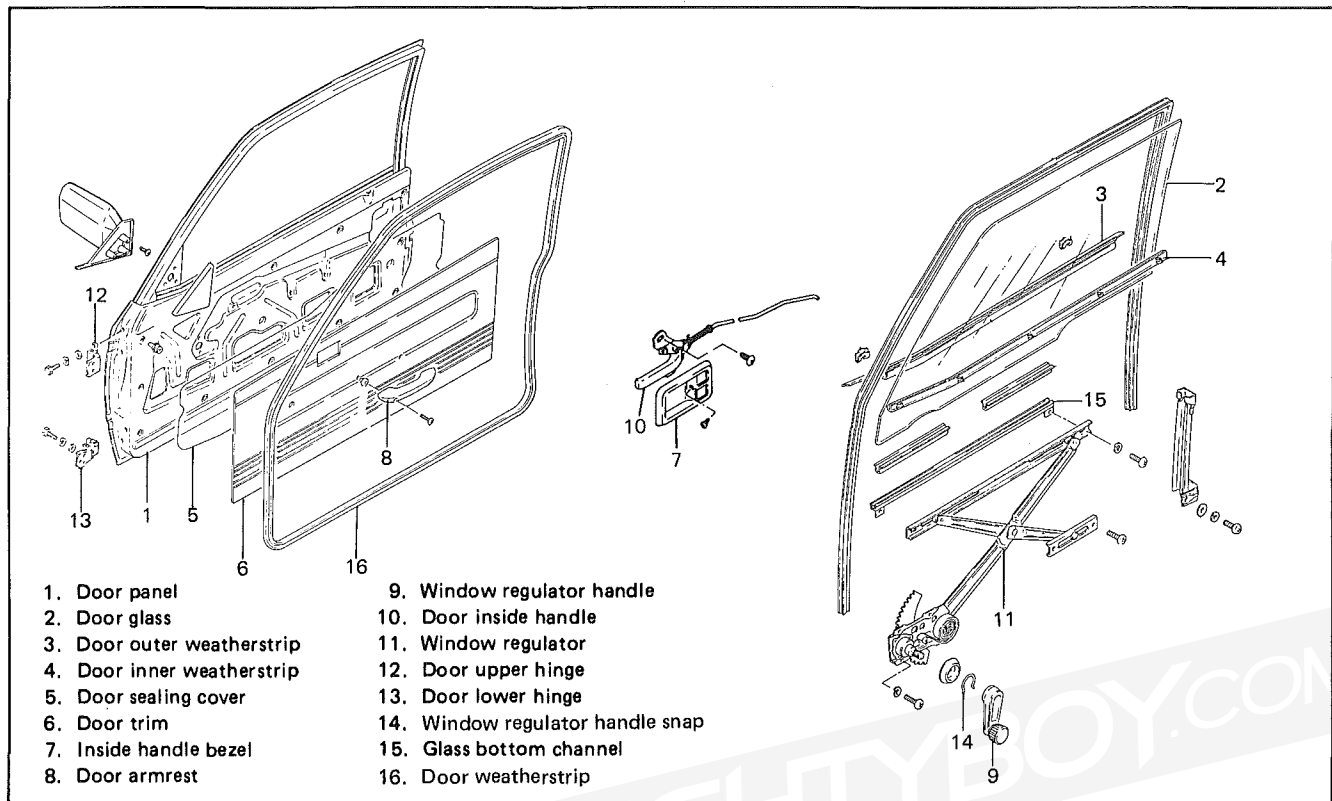
CONTENTS

18-1. FRONT DOOR	18-2
FRONT DOOR GLASS AND WINDOW REGULATOR	18-2
DOOR LOCK	18-4



18-1. FRONT DOOR

FRONT DOOR GLASS AND WINDOW REGULATOR



REMOVAL

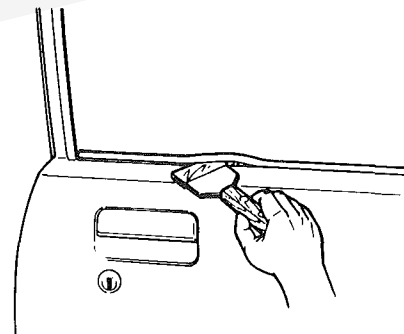
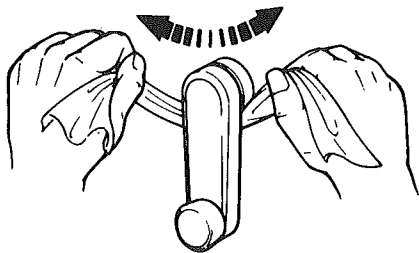
Remove following parts.

1) Inside handle bezel.

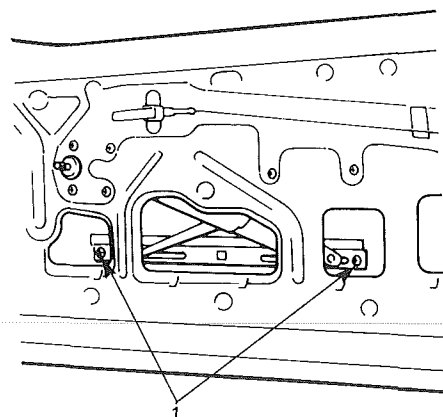
2) Door armrest.

3) Window regulator handle.

Pull off snap with a cloth in position to remove regulator handle.



7) Glass bottom channel attaching screws.



4) Door trim.

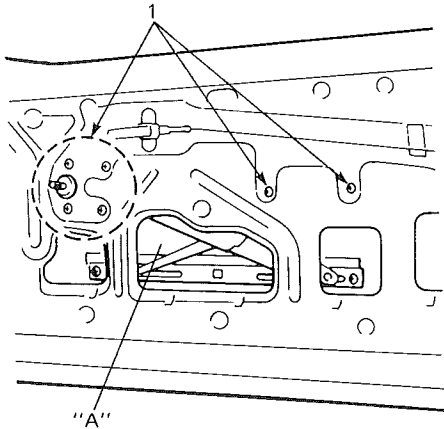
5) Door sealing cover.

6) Door outer weatherstrip.

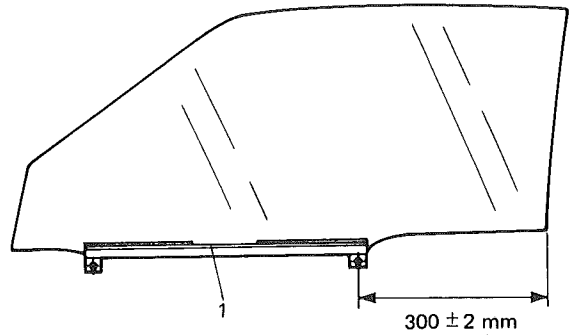
Fully lower window. Then, use a tape-wrapped putty knife (or screwdriver) to pry off weatherstrip.

1. Screws

- 8) Take out door glass together with the bottom channel.
- 9) Detach glass from bottom channel.
- 10) Door window regulator attaching screws (six places). Loosen 6 screws and take out regulator through hole "A".



1. Door window regulator attaching screws



1. Bottom channel

- 3) When you feel hard to raise and lower door glass, it is possible that glass is tilted toward door sash. If this is the case, adjust equalizer of window regulator so that measurements A and B are equal to each other.

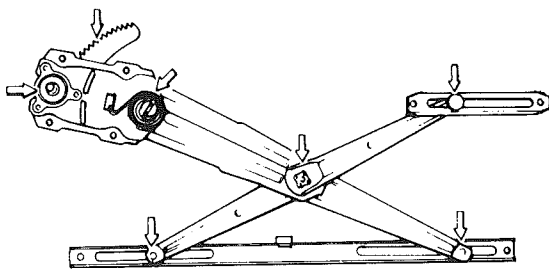
INSPECTION

- a. Check window regulator gear for wear or damage.
- b. Check window regulator spring for weakened condition.

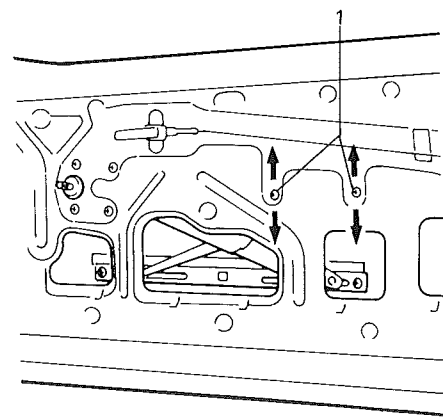
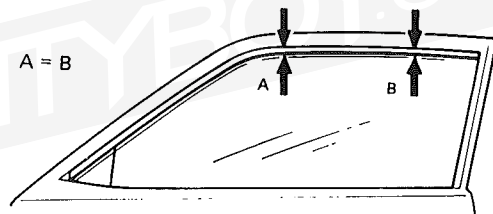
INSTALLATION

Reverse removal sequence to install door window regulator and door glass. While doing so, use care for the following.

- 1) Apply multi-purpose grease to sliding parts.



Greasing Sliding Points

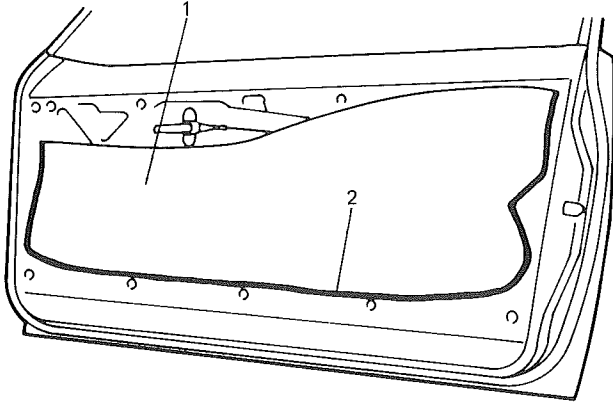


Adjusting Equalizer

1. Equalizer screws

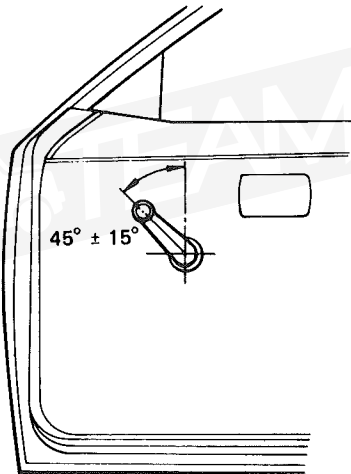
- 2) When installing glass to bottom channel, coat channel with soapy water to tap it with a plastic hammer. Glass-fitted position of bottom channel is as shown.

4) Securely seal door sealing cover with adhesive.



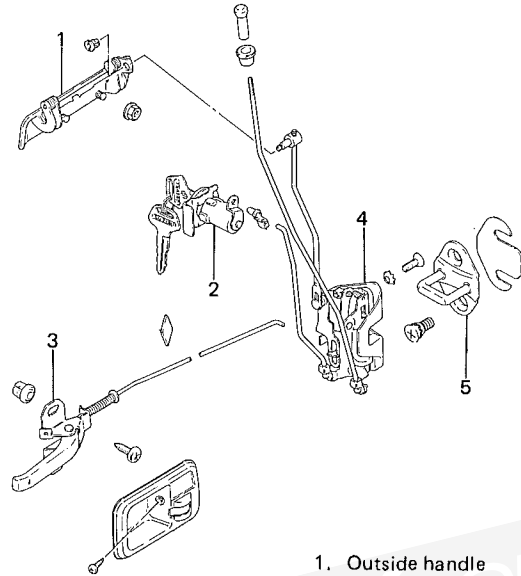
1. Door sealing cover
2. Adhesive

- 5) After installing door outer weatherstrip, securely fix its rear end with adhesive.
- 6) Install door window regulator handle so that it has a 45° angle when glass is fully closed, as illustrated below.



DOOR LOCK

Front door lock



1. Outside handle
2. Door lock key cylinder
3. Door inside handle
4. Door latch ass'y
5. Door latch striker

NOTICE:

Refer to section "18. BODY SERVICE" of 99500-84000-01E SERVICE MANUAL (ALTO) for DOOR LOCK REMOVAL AND INSTALLATION.