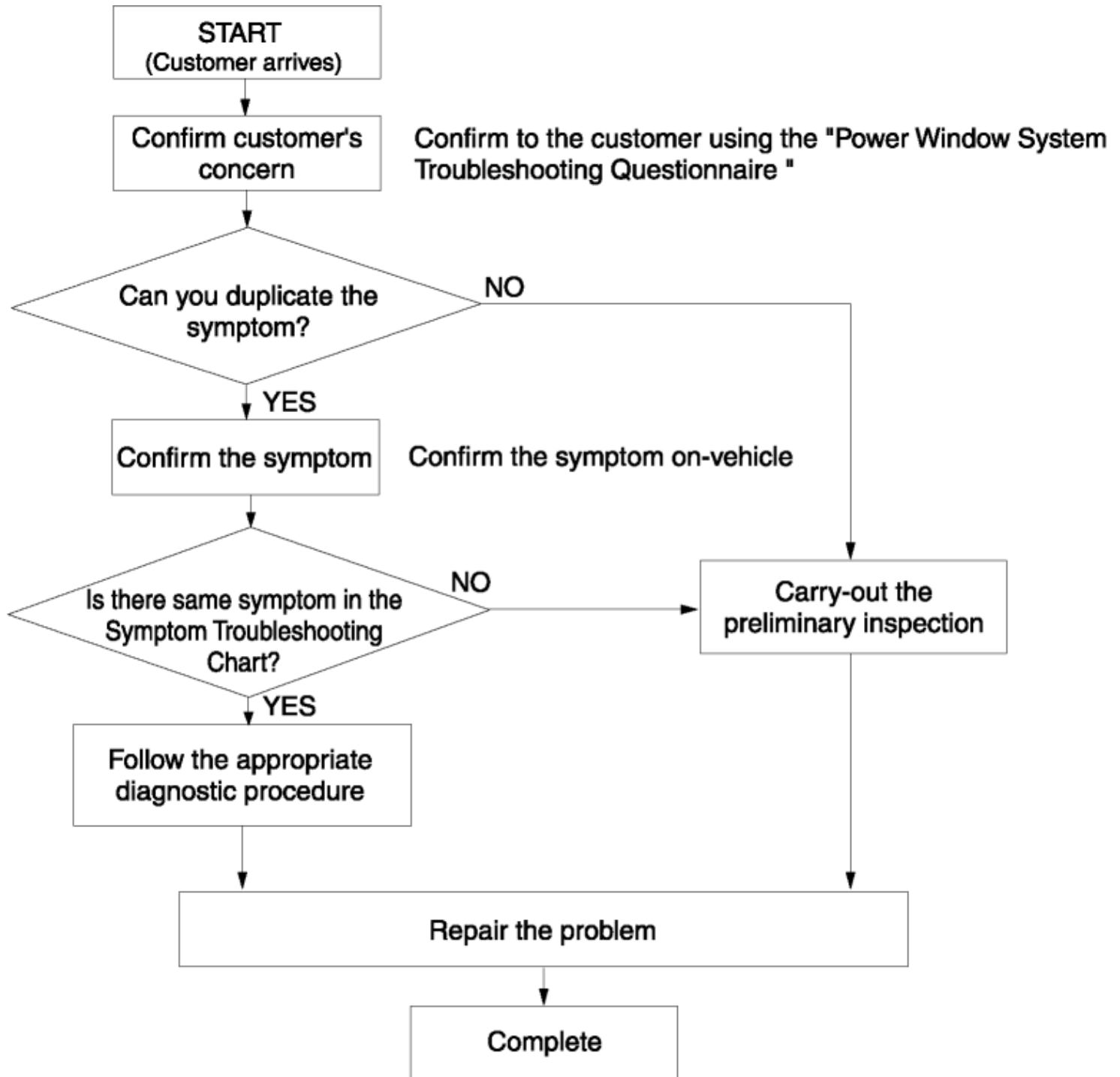


2012 - Mazda6 - Body and Accessories

FOREWORD [POWER WINDOW SYSTEMS (AUTO-OPEN/ CLOSE FUNCTION)]

- Always perform basic power window system inspection before troubleshooting.
- Troubleshooting procedures provide information unique to malfunctions of the automatic window return function.



- Slightly shake the wiring harness and connectors while performing the inspection to discover whether poor contact points are the cause of any intermittent malfunctions.

CAUTION:

- If any of the following conditions continues indefinitely, the power window motor will heat up causing the protection circuit (integrated in power window motor) to operate. If this occurs, the operation of the power window motor protection circuit temporarily disables the power windows.
 - Continuous up and down operation of the power window.
 - Continuously pulling up the power window switch while the window glass is fully closed.
 - Continuously pressing the power window switch while the window glass is fully opened.
- A malfunction in the power window system will be determined and the system will shift to malfunction mode if the power windows are operated up or down using the power window switch while the power window protection circuit is operating.
- While the power window system is in malfunction mode, the door glass can be moved up and down normally using the manual open/close function, but they do not operate using the auto open/close function.
- The power window system reverts to normal operation after performing the Power Window Initialization Procedure.

NOTE:

- Initial setting must be performed for the switch of each seat.
- If the following operations have been performed, initial setting is reset, and auto up/down are disabled. Therefore, performing initial setting is necessary.
 - Negative battery cable disconnected or power window system power supply fuse removed. (perform initial setting for each door glasses.)
 - Power window switch connector disconnected. (perform initial setting for the switch connected with the connector)

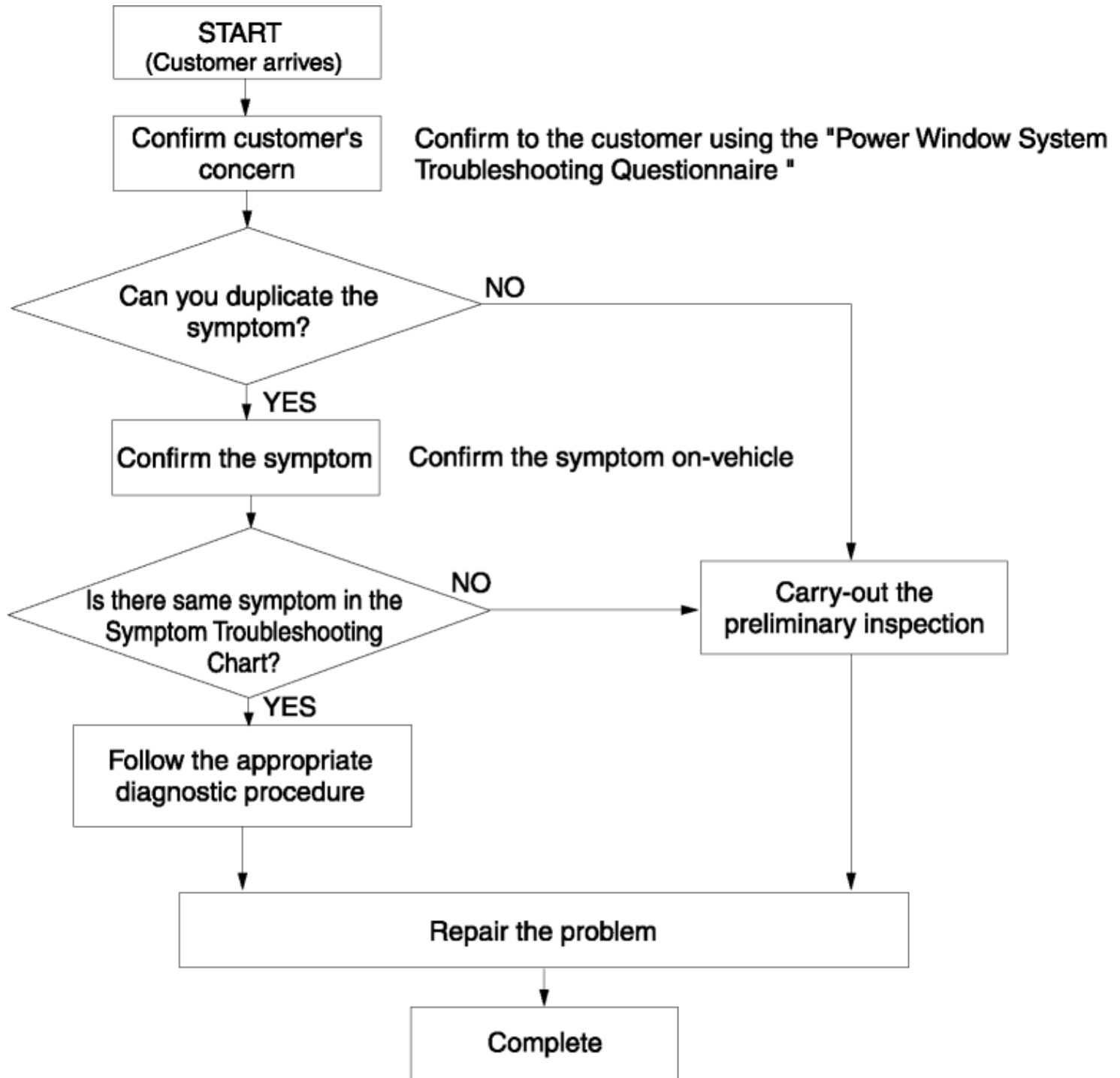
Power Window Initialization Procedure

1. Switch the ignition to ON.
2. Press the power window switch and fully open the suspect door glass.
3. Pull up the power window main switch/sub switch to the manual-up position to fully close the suspect door glass, and keep holding the switch up at the position for **approx.2 s.**

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