

INSTRUMENT CLUSTER REMOVAL/INSTALLATION

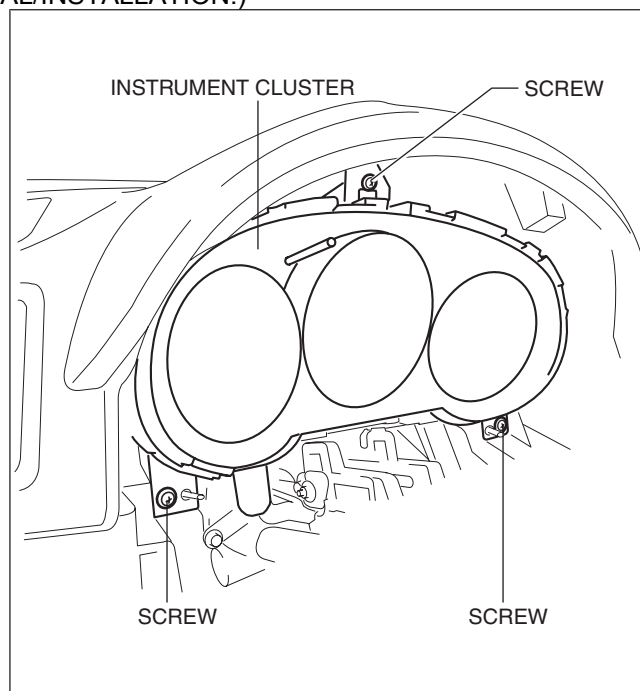
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Caution

- If configuration is not performed when the instrument cluster is replaced with a new one, the vehicle specification information is not stored in the instrument cluster and the system will not operate normally.
- When performing configuration, it is necessary to read the vehicle specification information from the instrument cluster before replacing it. Connect the M-MDS to the vehicle and perform vehicle identification before removing the instrument cluster. The vehicle specification information is temporarily stored in the M-MDS.

Note

- The instrument cluster prior to replacement stores the vehicle specification information.
 - A new instrument cluster does not store any vehicle specification information.
 - If the vehicle specification information from the instrument cluster prior to replacement cannot be read, perform the configuration using As-Built data.
 - Because the maintenance monitor setting information stored in the instrument cluster cannot be written to a new instrument cluster, if the instrument cluster is replaced, the maintenance monitor is the initial set value. Before replacing the instrument cluster, explain to the customer that the maintenance monitor is reset to the initial setting.
1. When replacing the instrument cluster, perform the configuration. (See INSTRUMENT CLUSTER CONFIGURATION (USING READ/WRITE FUNCTION).)
 2. Disconnect the negative battery cable. (See NEGATIVE BATTERY CABLE DISCONNECTION/CONNECTION [SKYACTIV-G 2.0, SKYACTIV-G 2.5].)(See NEGATIVE BATTERY CABLE DISCONNECTION/CONNECTION [SKYACTIV-G 2.0, SKYACTIV-G 2.5 (WITHOUT i-stop)].)(See NEGATIVE BATTERY CABLE DISCONNECTION/CONNECTION [SKYACTIV-D 2.2].)
 3. Remove the upper column cover. (See COLUMN COVER REMOVAL/INSTALLATION.)
 4. Remove the meter hood. (See METER HOOD REMOVAL/INSTALLATION.)
 5. Remove the screws.



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6. Cover the light switch, wiper switch, and start stop unit using a rag to prevent scratches.

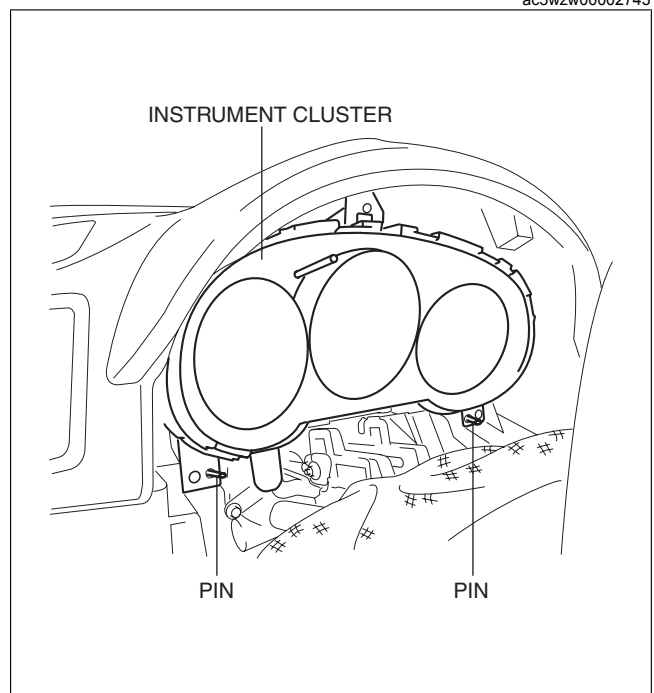
Caution

- When removing the instrument cluster, the instrument cluster may contact the light switch, wiper switch, or the start stop unit and the instrument cluster may be scratched. When removing the instrument cluster, cover the light switch, wiper switch, and start stop unit using a rag.



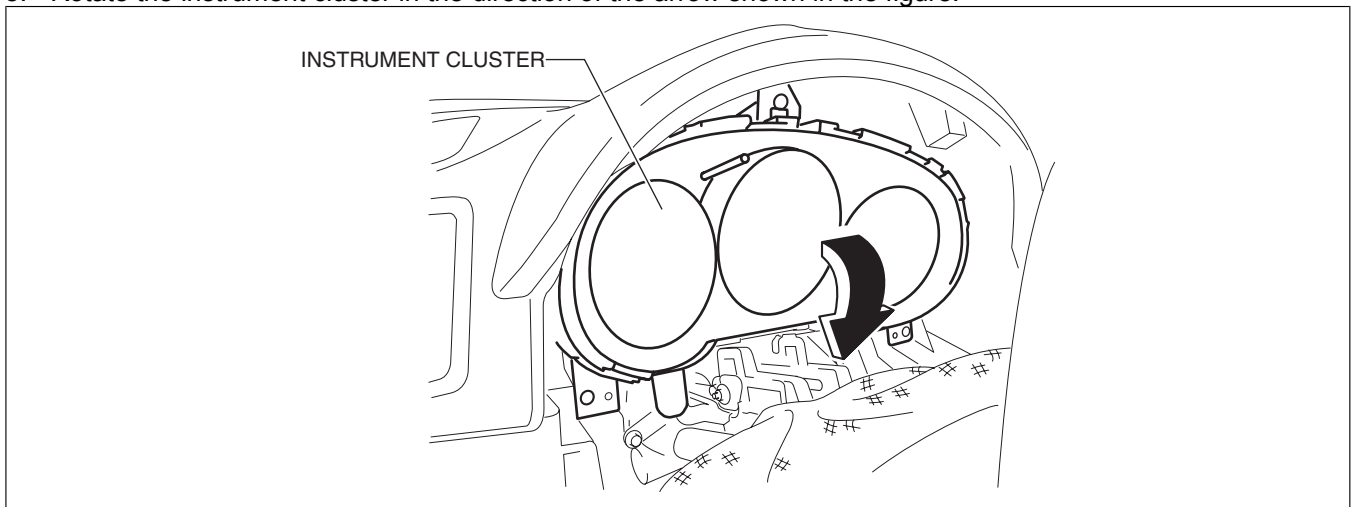
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7. Pull the instrument cluster outward to detach it from the instrument panel pins.



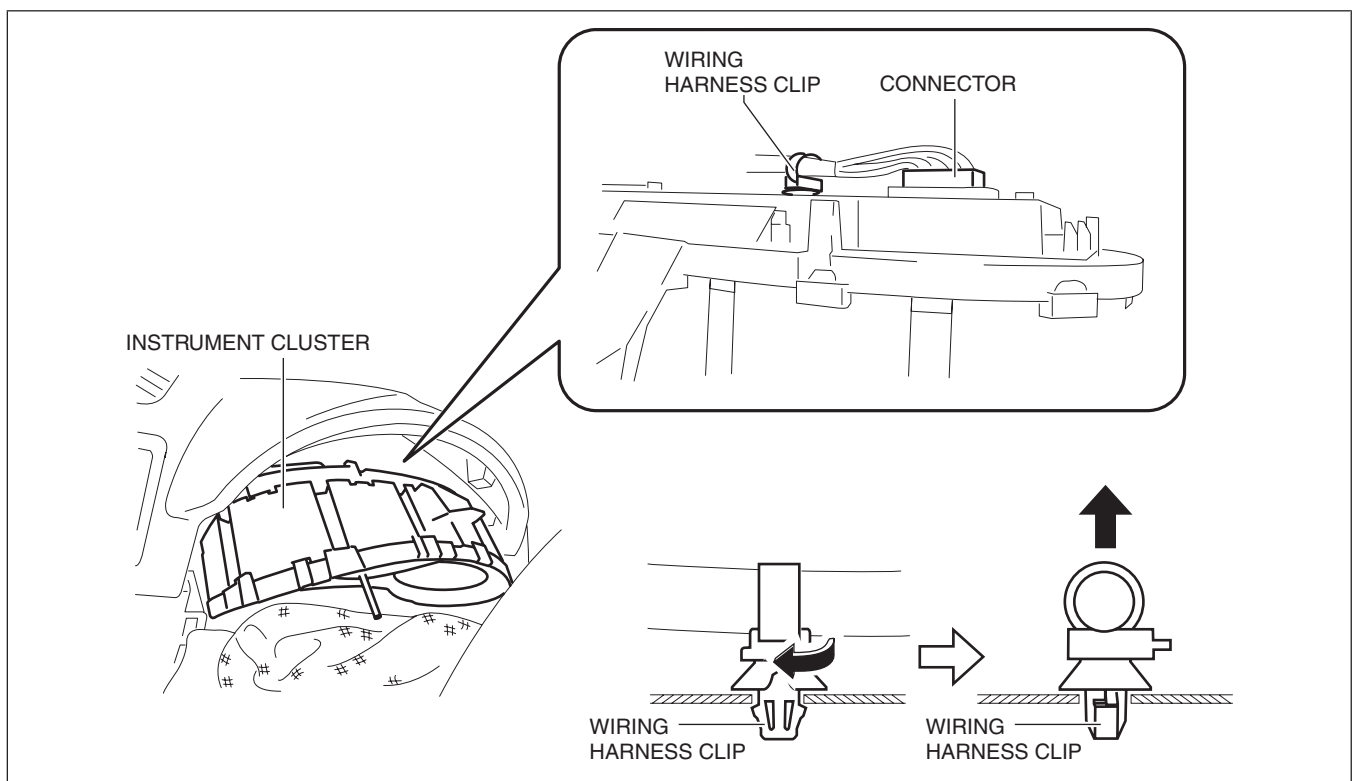
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8. Rotate the instrument cluster in the direction of the arrow shown in the figure.

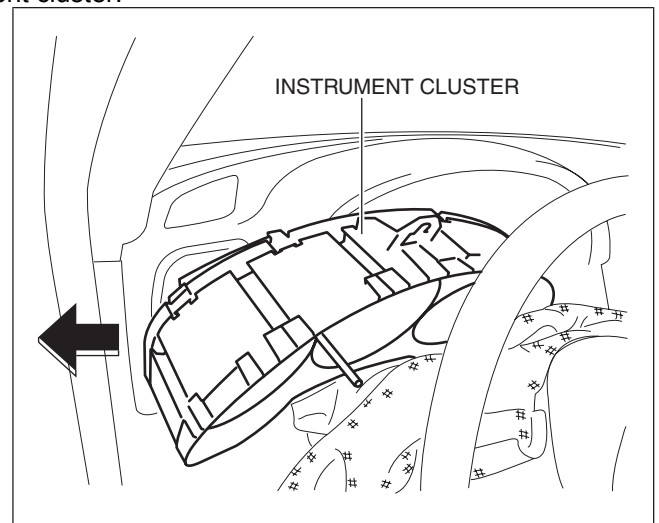


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9. Disconnect the connector.



10. Rotate the wiring harness clip approx. 90 degrees, pull it in the direction shown by the arrow in the figure, and disengage the wiring harness clip tab from the instrument cluster.
11. Remove the instrument cluster by sliding it between the instrument panel and the steering.
12. Install in the reverse order of removal.

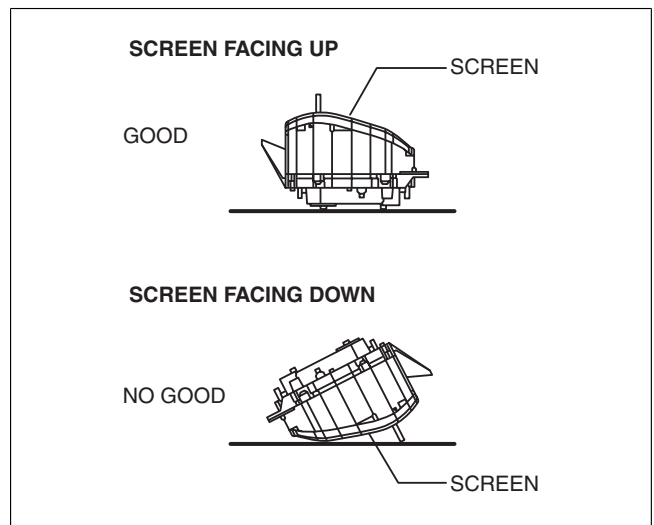


Caution

- If the instrument cluster is left for a long time with its screen facing down, grease applied to the needles may spill and the needles may not operate smoothly. When storing the instrument cluster, store it with its screen facing upward.

Note

- If configuration cannot be performed by reading/writing of the vehicle specification information, perform the configuration using As-Built information after replacing the instrument cluster. (See INSTRUMENT CLUSTER CONFIGURATION (USING AS-BUILT DATA).)



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