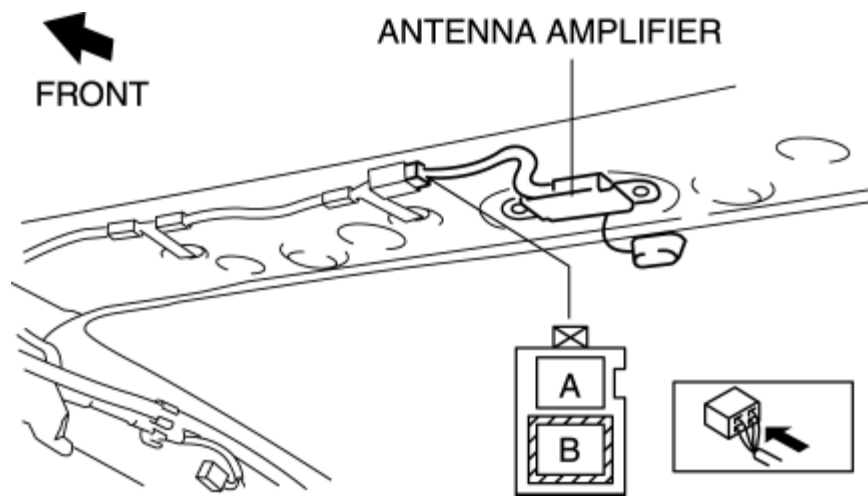


2012 - Mazda6 - Body and Accessories

ANTENNA AMPLIFIER INSPECTION

1. Disconnect the negative battery cable.
2. Remove the rain sensor cover. (with auto light / wiper system) (See [RAIN SENSOR REMOVAL/ INSTALLATION.](#))
3. Disconnect the rain sensor connector. (with auto light / wiper system) (See [RAIN SENSOR REMOVAL/ INSTALLATION.](#))
4. Disconnect the auto-dimming mirror connector. (with auto-dimming mirror) (See [AUTO-DIMMING MIRROR REMOVAL.](#)) (See [AUTO-DIMMING MIRROR INSTALLATION.](#))
5. Remove the following parts:
 - a. Sunroof seaming welt (with sunroof system)
 - b. A-pillar trim (See [A-PILLAR TRIM REMOVAL/ INSTALLATION.](#))
 - c. Front scuff plate (See [FRONT SCUFF PLATE REMOVAL/ INSTALLATION.](#))
 - d. Rear scuff plate (See [REAR SCUFF PLATE REMOVAL/ INSTALLATION.](#))
 - e. B-pillar lower trim (See [B-PILLAR LOWER TRIM REMOVAL/ INSTALLATION.](#))
 - f. Front seat belt upper anchor installation bolt (See [FRONT SEAT BELT REMOVAL/ INSTALLATION.](#))
 - g. B-pillar upper trim (See [B-PILLAR UPPER TRIM REMOVAL/ INSTALLATION.](#))
 - h. Rear seat cushion (See [REAR SEAT CUSHION REMOVAL/ INSTALLATION.](#))
 - i. Rear side seat back (See [REAR SIDE SEAT BACK REMOVAL/ INSTALLATION.](#))
 - j. C-pillar trim (See [C-PILLAR TRIM REMOVAL/ INSTALLATION.](#))
 - k. Map light (See [MAP LIGHT REMOVAL/ INSTALLATION.](#))
 - l. Sunvisor (See [SUNVISOR REMOVAL/ INSTALLATION.](#))
 - m. Assist handle (See [ASSIST HANDLE REMOVAL/ INSTALLATION.](#))
 - n. Headliner (See [HEADLINER REMOVAL/ INSTALLATION.](#))
6. Connect the negative battery cable.
7. Switch the ignition to ON.
8. Turn the audio unit power to ON.
9. Verify that voltage is B+ at the antenna amplifier terminal A.



- If the battery voltage can be verified, replace the antenna amplifier.

[< Previous](#) [Next >](#)

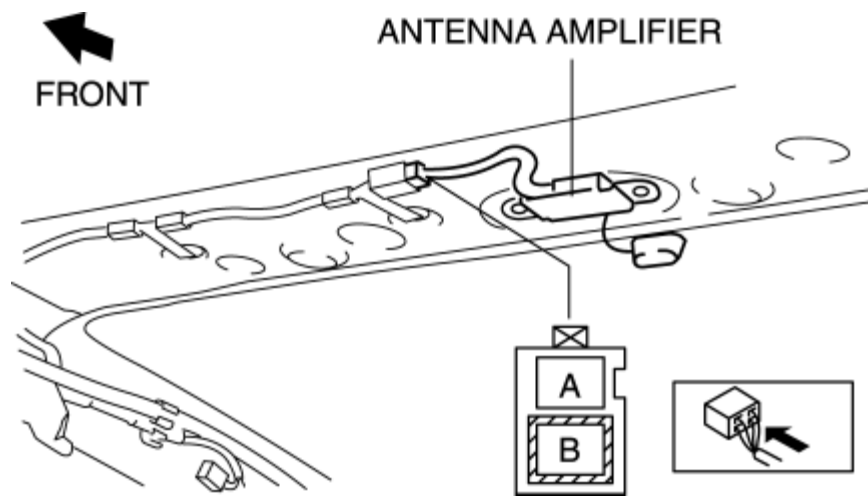
[Back to Top](#)

© 2012 Mazda North American Operations, U.S.A.

2012 - Mazda6 - Body and Accessories

ANTENNA AMPLIFIER INSPECTION

1. Disconnect the negative battery cable.
2. Remove the rain sensor cover. (with auto light / wiper system) (See [RAIN SENSOR REMOVAL/ INSTALLATION.](#))
3. Disconnect the rain sensor connector. (with auto light / wiper system) (See [RAIN SENSOR REMOVAL/ INSTALLATION.](#))
4. Disconnect the auto-dimming mirror connector. (with auto-dimming mirror) (See [AUTO-DIMMING MIRROR REMOVAL.](#)) (See [AUTO-DIMMING MIRROR INSTALLATION.](#))
5. Remove the following parts:
 - a. Sunroof seaming welt (with sunroof system)
 - b. A-pillar trim (See [A-PILLAR TRIM REMOVAL/ INSTALLATION.](#))
 - c. Front scuff plate (See [FRONT SCUFF PLATE REMOVAL/ INSTALLATION.](#))
 - d. Rear scuff plate (See [REAR SCUFF PLATE REMOVAL/ INSTALLATION.](#))
 - e. B-pillar lower trim (See [B-PILLAR LOWER TRIM REMOVAL/ INSTALLATION.](#))
 - f. Front seat belt upper anchor installation bolt (See [FRONT SEAT BELT REMOVAL/ INSTALLATION.](#))
 - g. B-pillar upper trim (See [B-PILLAR UPPER TRIM REMOVAL/ INSTALLATION.](#))
 - h. Rear seat cushion (See [REAR SEAT CUSHION REMOVAL/ INSTALLATION.](#))
 - i. Rear side seat back (See [REAR SIDE SEAT BACK REMOVAL/ INSTALLATION.](#))
 - j. C-pillar trim (See [C-PILLAR TRIM REMOVAL/ INSTALLATION.](#))
 - k. Map light (See [MAP LIGHT REMOVAL/ INSTALLATION.](#))
 - l. Sunvisor (See [SUNVISOR REMOVAL/ INSTALLATION.](#))
 - m. Assist handle (See [ASSIST HANDLE REMOVAL/ INSTALLATION.](#))
 - n. Headliner (See [HEADLINER REMOVAL/ INSTALLATION.](#))
6. Connect the negative battery cable.
7. Switch the ignition to ON.
8. Turn the audio unit power to ON.
9. Verify that voltage is B+ at the antenna amplifier terminal A.



- If the battery voltage can be verified, replace the antenna amplifier.

[< Previous](#) [Next >](#)

[Back to Top](#)

© 2012 Mazda North American Operations, U.S.A.