

# TOYOTA 2012-14 Prius

## PRECAUTIONS

After turning the ignition switch OFF, waiting time may be required before disconnecting the cable from the ground (-) auxiliary battery terminal.

When disconnecting the cable, some systems need to be initialized after the cable is connected.

When the auxiliary battery is replaced or the cable is disconnected from its battery ground terminal (-), the ISC learning value will be initialized and symptoms such as a loud rattle from the hybrid vehicle transaxle assembly may occur until ISC learning is performed. Therefore, perform ISC learning when the auxiliary battery is replaced or the cable is disconnected from the ground terminal (-) of the auxiliary battery.

**Warning:** When performing service on or near the SIR components or the SIR wiring, the SIR system must be disabled. Failure to observe the correct procedure could cause deployment of the SIR components, personal injury, or unrequired SIR system repairs.

**Warning:** Batteries generate hydrogen gas, which is extremely flammable and may explode violently if ignited by a spark or a flame. Battery acid is extremely corrosive and causes severe personal injury if the acid comes into contact with skin, and blindness if the acid comes into contact with eyes. In order to avoid severe personal injury, use extreme caution when servicing the battery or battery related components.

## BATTERY

### Base & Plug In Model REMOVAL

1. Disengage rear floor board guides (A), Fig. 1.
2. Disengage three guides (B) and remove No. 2 rear floor board, Fig. 1.
3. Remove rear deck floor box.
4. Disengage two guides and remove rear No. 3 floor board, Fig. 2.
5. Disconnect cable from battery ground terminal.
6. Disengage two claws and remove upper No. 3 rear floor board plate, Fig. 3.
7. Open battery terminal cap.
8. Loosen nut and disconnect positive battery terminal.
9. Remove battery hold down nut and bolt, Fig. 4.
10. Remove battery thermometer sensor connector.

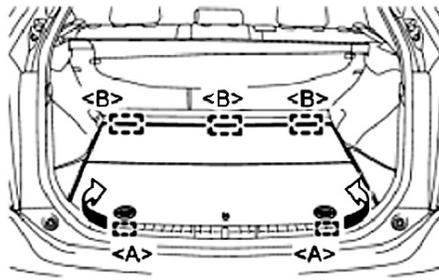


Fig. 1 No. 2 rear floor board



Fig. 2 No. 3 rear floor board



Fig. 3 No. 3 upper rear floor board plate

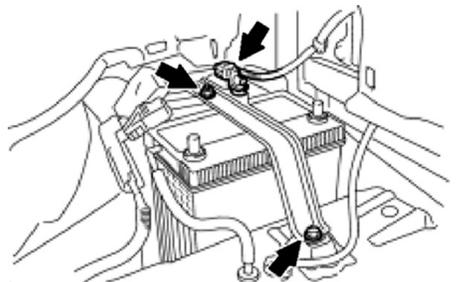


Fig. 4 Battery hold down nut & bolt

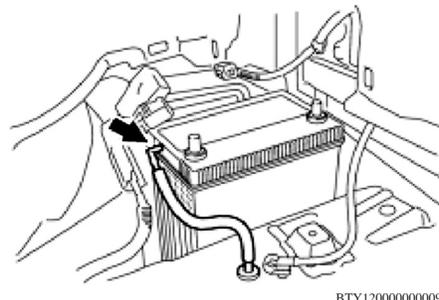


Fig. 5 Battery ventilation hose

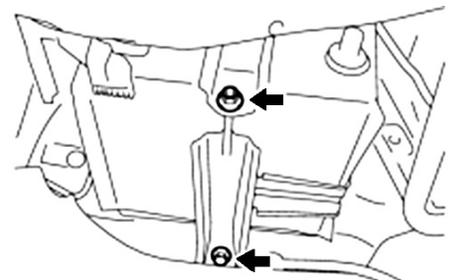


Fig. 6 Battery hold down nut removal. C Model

11. Disconnect battery ventilation hose, Fig. 5.
12. Remove battery.

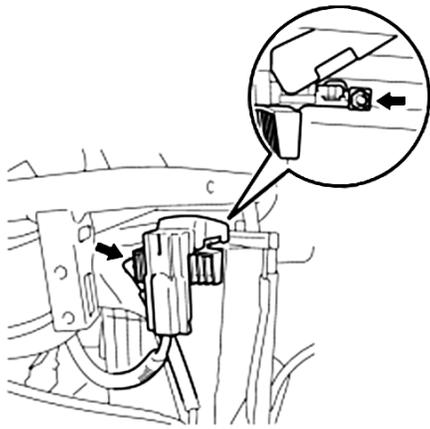
### INSTALLATION

1. Place battery into vehicle.
2. Connect battery ventilation hose to battery, Fig. 5.
3. Install battery clamp with bolt and nut. **Torque** bolt and nut to 48 inch lbs.
4. Install battery thermometer sensor connector.
5. Connect positive battery terminal with nut.
6. Install battery terminal cap.
7. Engage two claws to install upper No. 3 rear floor board plate.
8. Connect cable to battery ground terminal.

9. Engage two guides to install rear No. 3 floor board.
10. Install rear deck floor box.
11. Install rear No. 2 floor board, Fig. 1.

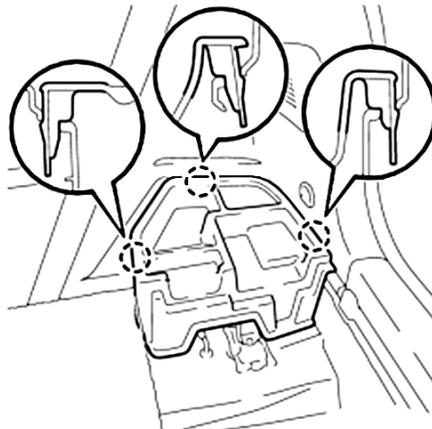
### C Model REMOVAL

1. Remove righthand front floor cover.
2. Disconnect cable from battery ground terminal.
3. Remove two nuts, Fig. 6.
4. Remove battery hold down.
5. Open battery terminal cap, Fig. 7.
6. Loosen nut and disconnect positive battery terminal.



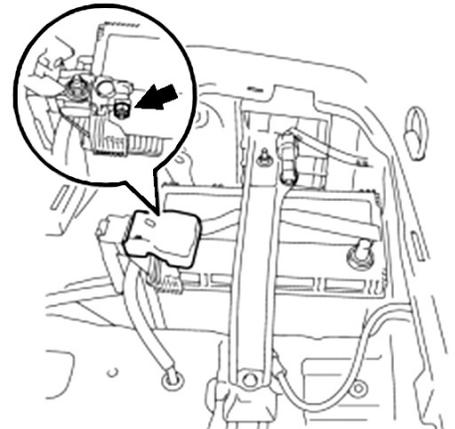
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**Fig. 7 Battery terminal cap location. C model**



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**Fig. 8 Righthand deck floor box claw locations. V Model**



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**Fig. 9 Battery terminal cap location. V model**

7. Disconnect battery ventilation hose.
8. Remove battery.
9. Remove battery insulator.

## INSTALLATION

1. Install battery insulator.
2. Insert battery into vehicle.
3. Connect battery ventilation hose to battery without kinking it. Push in battery ventilation hose to battery until a click sound is heard.
4. Install positive battery terminal with nut. **Torque** nut to 48 inch lbs.
5. Close battery terminal cap.
6. Install battery clamp with two nuts. **Torque** nuts to 48 inch lbs.
7. Connect ground battery terminal with nut. **Torque** nut to 48 inch lbs.
8. Install righthand front floor cover.

## V Model

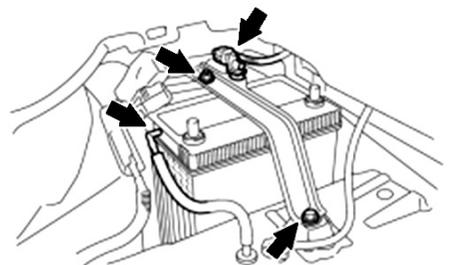
### REMOVAL

1. Remove floor board assembly.
2. Remove No. 1 floor board.

3. Remove No. 2 floor board.
4. Remove rear deck floor box.
5. Disengage three claws and remove righthand deck floor box, **Fig. 8**.
6. Disconnect cable from battery ground terminal.
7. Open battery terminal cap, **Fig. 9**.
8. Loosen nut and disconnect positive battery cable.
9. Disconnect battery thermometer sensor connector, **Fig. 10**.
10. Disconnect battery ventilation hose, **Fig. 10**.
11. Loosen nut and remove bolt, **Fig. 10**.
12. Remove battery clamp.
13. Remove battery.

## INSTALLATION

1. Install battery.
2. Install battery clamp with bolt and nut. **Torque** bolt and nut to 48 inch lbs.
3. Connect battery ventilation hose. Push in battery ventilation hose to battery until a click sound is heard.
4. Connect battery thermometer sensor connector.



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**Fig. 10 Battery hold down removal. V Model**

5. Install positive battery terminal with nut. **Torque** nut to 48 inch lbs.
6. Close battery terminal cap.
7. Connect ground battery terminal with nut. **Torque** nut to 48 inch lbs.
8. Install righthand deck floor box.
9. Install rear deck floor box.
10. Install No. 2 floor board.
11. Install No. 1 floor board.
12. Install floor board assembly.

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