BATTERY CURRENT SENSOR

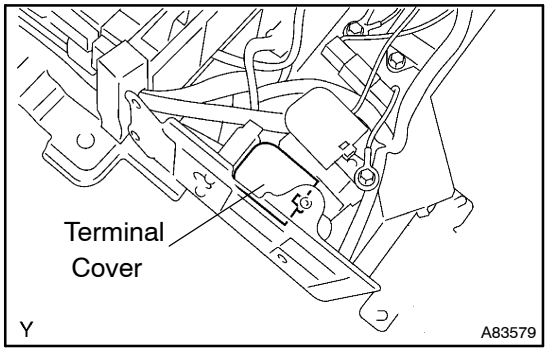
21032–01

REPLACEMENT

NOTICE:

- **When working on the high voltage systems, always wear insulating gloves.**
- **After removing the service plug grip, do not operate the power switch as it may damage the hybrid vehicle control ECU.**
- **Keep the removed service plug in your pocket to prevent other technicians from reconnecting it while you are servicing the vehicle.**
- **After removing the service plug grip, do not touch the high voltage connectors and terminals for 5 minutes.**

1. **PRECAUTION (See page 21–8)**
2. **REMOVE REAR FLOOR BOARD NO.2 (See page 21–120)**
3. **REMOVE DECK FLOOR BOX REAR (See page 21–120)**
4. **REMOVE REAR FLOOR BOARD NO.3 (See page 21–120)**
5. **DISCONNECT BATTERY NEGATIVE TERMINAL (See page 21–120)**
6. **REMOVE SERVICE PLUG GRIP (See page 21–120)**
7. **REMOVE DECK TRIM COVER REAR (See page 21–56)**
8. **REMOVE TONNEAU COVER ASSY (See page 21–56)**
9. **REMOVE REAR SEAT CUSHION ASSY (See page 21–56)**
10. **REMOVE REAR FLOOR BOARD NO.1 (See page 21–56)**
11. **REMOVE REAR SIDE SEAT BACK FRAME LH (See page 21–56)**
12. **REMOVE REAR FLOOR BOARD NO.4 (See page 21–56)**
13. **REMOVE DECK FLOOR BOX LH (See page 21–56)**
14. **REMOVE DECK TRIM SIDE PANEL ASSY LH (See page 21–56)**
15. **REMOVE BATTERY CARRIER BRACKET (See page 21–56)**
16. **REMOVE BATTERY CARRIER PANEL NO.6 (See page 21–56)**

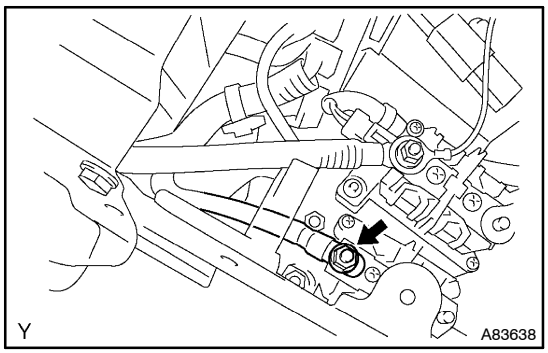


17. REMOVE BATTERY CURRENT SENSOR

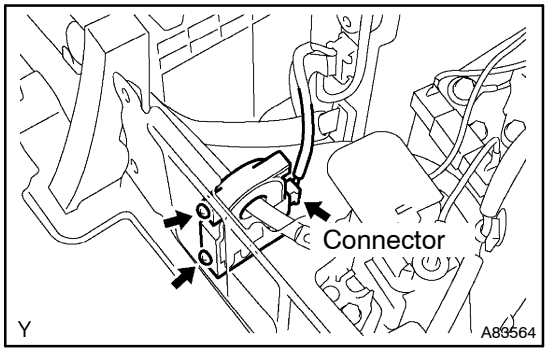
NOTICE:

Wear insulating gloves.

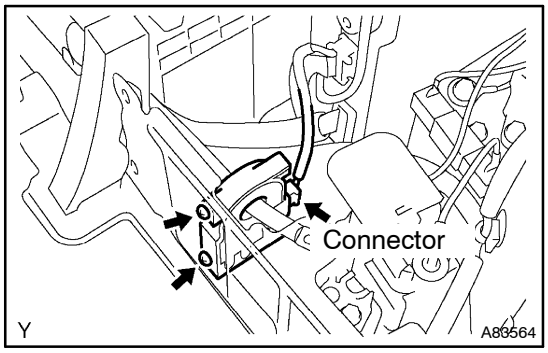
(a) Remove the terminal cover.



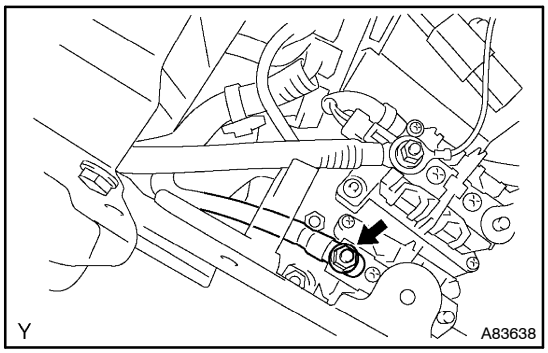
(b) Remove the nut, then disconnect the main battery cable.



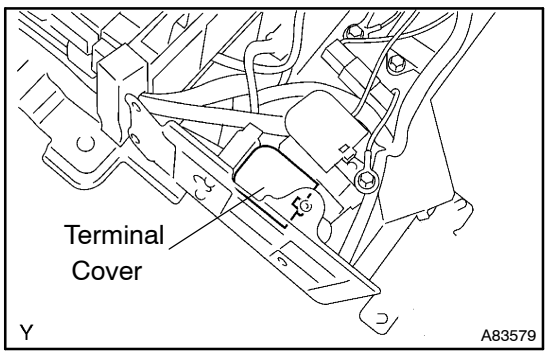
(c) Disconnect the connector.
(d) Remove the 2 screws and battery current sensor.



18. INSTALL BATTERY CURRENT SENSOR
NOTICE:
Wear insulating gloves.
(a) Install the battery current sensor with the 2 screws.
Torque: 11.4 N·m (114 kgf·cm, 101 in.·lbf)
(b) Connect the connector.



(c) Install the main battery cable with a new nut.
Torque: 5.6 N·m (57 kgf·cm, 50 in.·lbf)



(d) Install the terminal cover.

19. INSTALL BATTERY CARRIER PANEL NO.6 (See page 21–56)
NOTICE:
Wear insulating gloves.
20. INSTALL BATTERY CARRIER BRACKET (See page 21–56)
21. INSTALL DECK TRIM SIDE PANEL ASSY LH
22. INSTALL DECK FLOOR BOX LH
23. INSTALL REAR FLOOR BOARD NO.4
24. INSTALL REAR SIDE SEAT BACK FRAME LH
25. INSTALL REAR FLOOR BOARD NO.1

26. INSTALL REAR SEAT CUSHION ASSY
27. INSTALL TONNEAU COVER ASSY
28. INSTALL DECK TRIM COVER REAR
29. INSTALL SERVICE PLUG GRIP (See page 21–120)
NOTICE:
Wear insulating gloves.
30. CONNECT BATTERY NEGATIVE TERMINAL
Torque: 6.0 N·m (61 kgf·cm, 53 in.·lbf)
31. INSTALL REAR FLOOR BOARD NO.3
32. INSTALL DECK FLOOR BOX REAR
33. INSTALL REAR FLOOR BOARD NO.2
34. POWER WINDOW CONTROL SYSTEM INITIALIZE (See page 01–29)