FRAME WIRE NO.2

REPLACEMENT

2102V-01

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 SIDE SEAT BACK FRAME RH (See page 21–56)**
13. **REMOVE REAR FLOOR BOARD NO.4 (See page 21–56)**
14. **REMOVE DECK FLOOR BOX LH (See page 21–56)**
15. **REMOVE DECK TRIM SIDE PANEL ASSY LH (See page 21–56)**
16. **REMOVE DECK TRIM SIDE PANEL ASSY RH (See page 21–56)**
17. **REMOVE BATTERY CARRIER BRACKET (See page 21–56)**
18. **REMOVE QUARTER VENT DUCT INNER NO.2 (See page 21–56)**
19. **REMOVE BATTERY BRACKET REINFORCEMENT (See page 21–56)**
20. **REMOVE QUARTER VENT DUCT (See page 21–56)**
21. **REMOVE BATTERY CARRIER PANEL NO.6 (See page 21–56)**
22. **REMOVE JUNCTION TERMINAL (See page 21–56)**

NOTICE:

Wear insulating gloves.

23. **REMOVE FRAME WIRE (See page 21–56)**

NOTICE:

Wear insulating gloves.

24. **REMOVE HV BATTERY ASSY (See page 21–56)**
25. **REMOVE BATTERY COVER SUB–ASSY (See page 21–56)**
26. **REMOVE WIRING HARNESS PROTECTOR COVER NO.1 (See page 21–68)**

NOTICE:

Wear insulating gloves.

27. **REMOVE WIRING HARNESS PROTECTOR COVER NO.3 (See page 21–68)**

NOTICE:

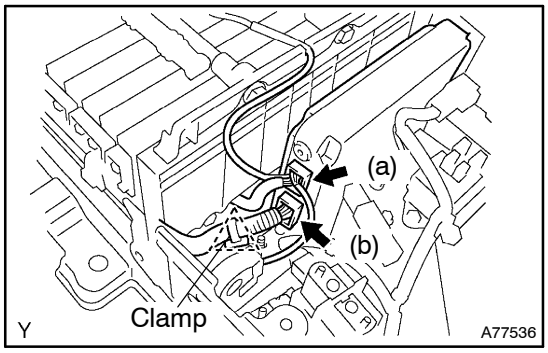
Wear insulating gloves.

28. **REMOVE BATTERY CARRIER CUSHION NO.3 (See page 21–68)**

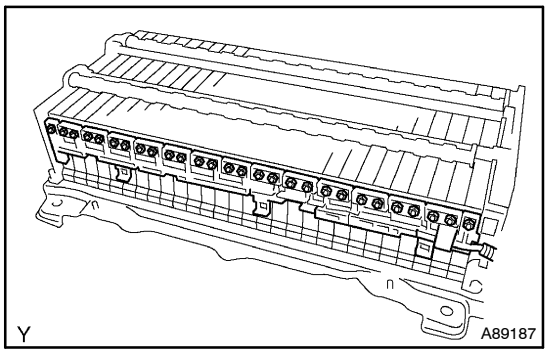
NOTICE:

Wear insulating gloves.

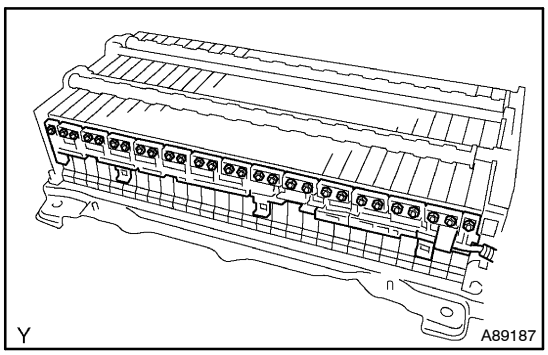
29. REMOVE MAIN BATTERY CABLE (See page 21–68)
NOTICE:
Wear insulating gloves.
30. REMOVE MAIN BATTERY CABLE NO.2 (See page 21–72)
NOTICE:
Wear insulating gloves.



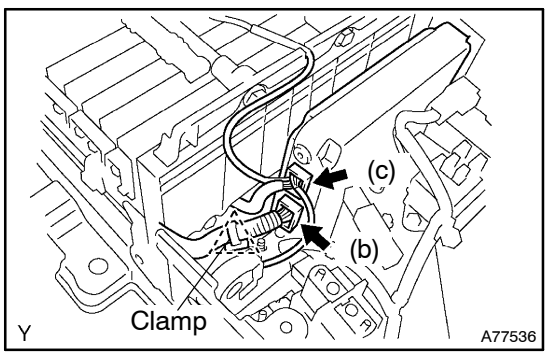
31. REMOVE FRAME WIRE NO.2
NOTICE:
Wear insulating gloves.
(a) Disconnect the temperature sensor connector from the battery ECU.
(b) Remove the clamp, then disconnect the frame wire No. 2 connector from the battery ECU.



(c) Remove the 26 nuts and frame wire No. 2.



32. INSTALL FRAME WIRE NO.2
NOTICE:
Wear insulating gloves.
(a) Install the frame wire No. 2 with new 26 nuts.
Torque: 5.4 N·m (55 kgf·cm, 48 in.·lbf)



(b) Connect the frame wire No. 2 connector to the battery ECU, then connect the clamp.
(c) Connect the temperature sensor connector to the battery ECU.

33. INSTALL MAIN BATTERY CABLE NO.2 (See page 21–72)
NOTICE:
Wear insulating gloves.
34. INSTALL MAIN BATTERY CABLE (See page 21–68)
NOTICE:
Wear insulating gloves.
35. INSTALL BATTERY CARRIER CUSHION NO.3 (See page 21–68)
NOTICE:
Wear insulating gloves.
36. INSTALL WIRING HARNESS PROTECTOR COVER NO.1 (See page 21–68)
NOTICE:
Wear insulating gloves.
37. INSTALL WIRING HARNESS PROTECTOR COVER NO.3 (See page 21–68)
NOTICE:
Wear insulating gloves.
38. INSTALL BATTERY COVER SUB–ASSY (See page 21–56)
39. INSTALL HV BATTERY ASSY (See page 21–56)
40. INSTALL FRAME WIRE (See page 21–56)
NOTICE:
Wear insulating gloves.
41. INSTALL JUNCTION TERMINAL (See page 21–56)
NOTICE:
Wear insulating gloves.
42. INSTALL BATTERY CARRIER PANEL NO.6 (See page 21–56)
43. INSTALL QUARTER VENT DUCT (See page 21–56)
44. INSTALL BATTERY BRACKET REINFORCEMENT (See page 21–56)
45. INSTALL QUARTER VENT DUCT INNER NO.2 (See page 21–56)
46. INSTALL BATTERY CARRIER BRACKET (See page 21–56)
47. INSTALL DECK TRIM SIDE PANEL ASSY RH
48. INSTALL DECK TRIM SIDE PANEL ASSY LH
49. INSTALL DECK FLOOR BOX LH
50. INSTALL REAR FLOOR BOARD NO.4
51. INSTALL REAR SIDE SEAT BACK FRAME RH
52. INSTALL REAR SIDE SEAT BACK FRAME LH
53. INSTALL REAR FLOOR BOARD NO.1
54. INSTALL REAR SEAT CUSHION ASSY
55. INSTALL TONNEAU COVER ASSY
56. INSTALL DECK TRIM COVER REAR
57. INSTALL SERVICE PLUG GRIP (See page 21–120)
NOTICE:
Wear insulating gloves.
58. CONNECT BATTERY NEGATIVE TERMINAL
Torque: 6.0 N·m (61 kgf·cm, 53 in.·lbf)
59. INSTALL REAR FLOOR BOARD NO.3
60. INSTALL DECK FLOOR BOX REAR
61. INSTALL REAR FLOOR BOARD NO.2
62. POWER WINDOW CONTROL SYSTEM INITIALIZE (See page 01–29)