

FRAME WIRE NO.2

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 21-7)
 2. REMOVE REAR FLOOR BOARD NO.2 (See page 21-116)
 3. REMOVE DECK FLOOR BOX REAR (See page 21-116)
 4. REMOVE REAR FLOOR BOARD NO.3 (See page 21-116)
 5. DISCONNECT BATTERY NEGATIVE TERMINAL (See page 21-116)
 6. REMOVE SERVICE PLUG GRIP (See page 21-116)
 7. REMOVE DECK TRIM COVER REAR (See page 21-54)
 8. REMOVE TONNEAU COVER ASSY (See page 21-54)
 9. REMOVE REAR SEAT CUSHION ASSY (See page 21-54)
 10. REMOVE REAR FLOOR BOARD NO.1 (See page 21-54)
 11. REMOVE REAR SIDE SEAT BACK FRAME LH (See page 21-54)
 12. REMOVE REAR SIDE SEAT BACK FRAME RH (See page 21-54)
 13. REMOVE REAR FLOOR BOARD NO.4 (See page 21-54)
 14. REMOVE DECK FLOOR BOX LH (See page 21-54)
 15. REMOVE DECK TRIM SIDE PANEL ASSY LH (See page 21-54)
 16. REMOVE DECK TRIM SIDE PANEL ASSY RH (See page 21-54)
 17. REMOVE BATTERY CARRIER BRACKET (See page 21-54)
 18. REMOVE QUARTER VENT DUCT INNER NO.2 (See page 21-54)
 19. REMOVE BATTERY BRACKET REINFORCEMENT (See page 21-54)
 20. REMOVE QUARTER VENT DUCT (See page 21-54)
 21. REMOVE BATTERY CARRIER PANEL NO.6 (See page 21-54)
 22. REMOVE JUNCTION TERMINAL (See page 21-54)

NOTICE:

Wear insulating gloves.

23. REMOVE FRAME WIRE (See page 21-54)

NOTICE:

Wear insulating gloves.

24. REMOVE HV BATTERY ASSY (See page 21-54)
25. REMOVE BATTERY COVER SUB-ASSY (See page 21-54)
26. REMOVE WIRING HARNESS PROTECTOR COVER NO.1 (See page 21-66)

NOTICE:

Wear insulating gloves.

27. REMOVE WIRING HARNESS PROTECTOR COVER NO.3 (See page 21-66)

NOTICE:

Wear insulating gloves.

28. REMOVE BATTERY CARRIER CUSHION NO.3 (See page 21-66)

NOTICE:

Wear insulating gloves.

29. REMOVE MAIN BATTERY CABLE (See page 21-66)

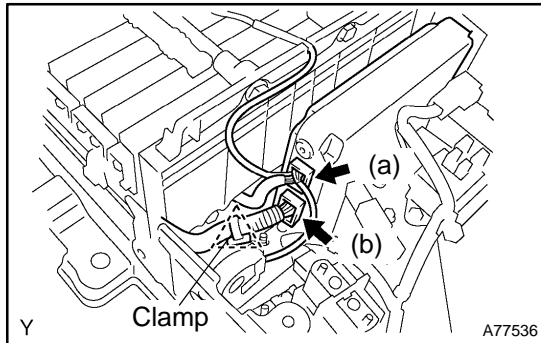
NOTICE:

Wear insulating gloves.

30. REMOVE MAIN BATTERY CABLE NO.2 (See page 21-70)

NOTICE:

Wear insulating gloves.

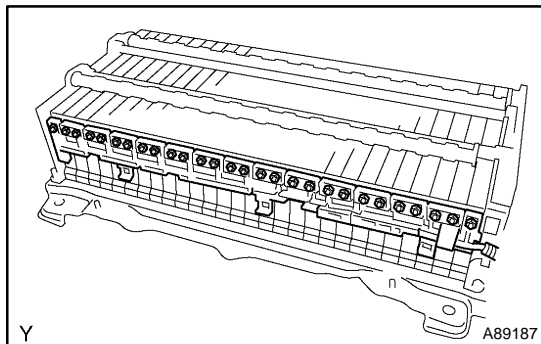


31. REMOVE FRAME WIRE NO.2

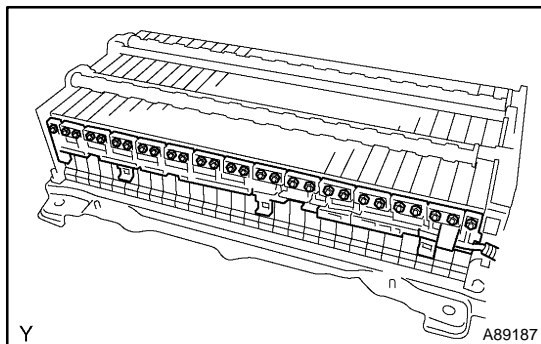
NOTICE:

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.

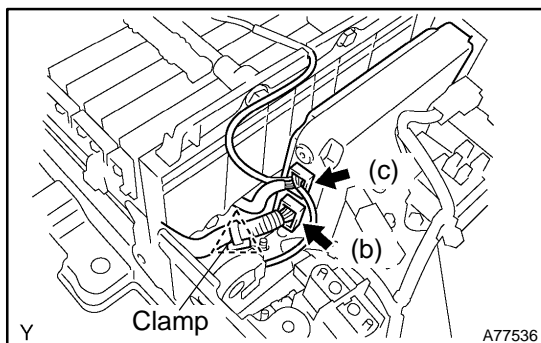


32. INSTALL FRAME WIRE NO.2

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 21-70)**NOTICE:**

Wear insulating gloves.

34. INSTALL MAIN BATTERY CABLE (See page 21-66)**NOTICE:**

Wear insulating gloves.

35. INSTALL BATTERY CARRIER CUSHION NO.3 (See page 21-66)**NOTICE:**

Wear insulating gloves.

36. INSTALL WIRING HARNESS PROTECTOR COVER NO.1 (See page 21-66)**NOTICE:**

Wear insulating gloves.

37. INSTALL WIRING HARNESS PROTECTOR COVER NO.3 (See page 21-66)**NOTICE:**

Wear insulating gloves.

38. INSTALL BATTERY COVER SUB-ASSY (See page 21-54)**39. INSTALL HV BATTERY ASSY (See page 21-54)****40. INSTALL FRAME WIRE (See page 21-54)****NOTICE:**

Wear insulating gloves.

41. INSTALL JUNCTION TERMINAL (See page 21-54)**NOTICE:**

Wear insulating gloves.

42. INSTALL BATTERY CARRIER PANEL NO.6 (See page 21-54)**43. INSTALL QUARTER VENT DUCT (See page 21-54)****44. INSTALL BATTERY BRACKET REINFORCEMENT (See page 21-54)****45. INSTALL QUARTER VENT DUCT INNER NO.2 (See page 21-54)****46. INSTALL BATTERY CARRIER BRACKET (See page 21-54)****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 21-116)****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 01-28)**