BATTERY PLUG

REPLACEMENT

2102W–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:

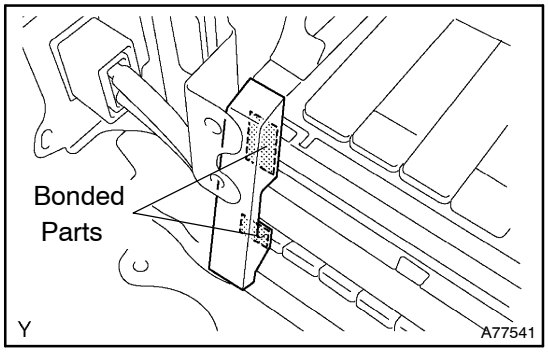
Wear insulating gloves.

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 BATTERY CLAMP PAD (BATTERY CARRIER CUSHION NO.1)

NOTICE:

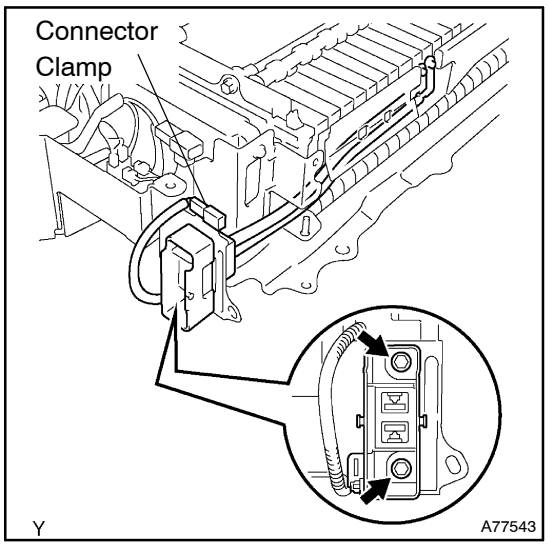
Wear insulating gloves.

(a) Peel off the bonded parts, then remove the battery clamp pad (the battery carrier cushion No. 1).



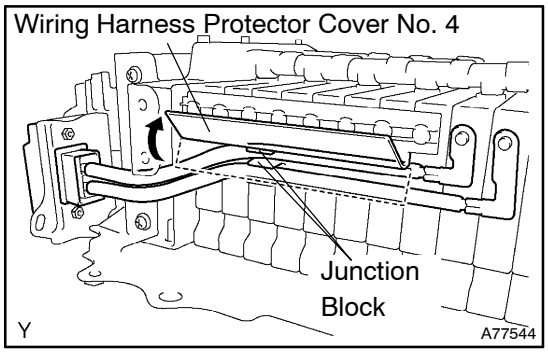
27. REMOVE WIRING HARNESS PROTECTOR COVER NO.1

(a) Flip open the wiring harness protector cover.
(b) Remove the 2 nuts, then disconnect the service plug.
(c) Remove the wiring harness protector cover No. 1.



28. REMOVE BATTERY PLUG

(a) Disconnect the connector clamp.
(b) Remove the 2 bolts, then disconnect the service plug from the upper battery carrier.



(c) Flip open the wiring harness protector cover No. 4 shown in the illustration, then remove the service plug from the junction block.

29. INSTALL BATTERY PLUG

(a) Temporarily fasten the service plug.
(b) Install the service plug to the upper battery carrier with the 2 bolts.
Torque: 5.4 N·m (55 kgf·cm, 48 in.·lbf)

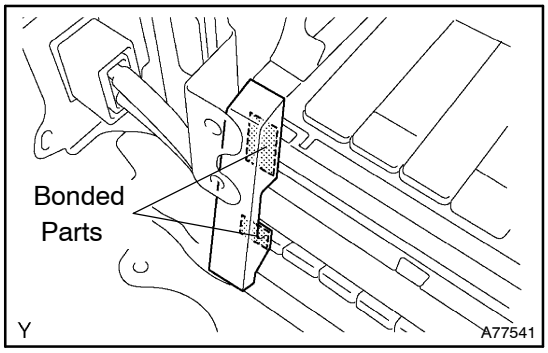
(c) Assemble the connector clamp.

30. INSTALL WIRING HARNESS PROTECTOR COVER NO.1

(a) Temporarily fasten the wiring harness protector cover No.1 to the service plug.

(b) Install the wiring harness protector cover No.1 through the service plug with 2 new nuts.

Torque: 5.4 N·m (55 kgf·cm, 48 in.·lbf)



31. INSTALL BATTERY CLAMP PAD (BATTERY CARRIER CUSHION NO.1)

NOTICE:

Wear insulating gloves.

(a) Install a new clamp pad (the battery carrier cushion No. 1).

32. INSTALL BATTERY COVER SUB-ASSY (See page 21–56)

33. INSTALL HV BATTERY ASSY (See page 21–56)

34. INSTALL FRAME WIRE (See page 21–56)

NOTICE:

Wear insulating gloves.

35. INSTALL JUNCTION TERMINAL (See page 21–56)

NOTICE:

Wear insulating gloves.

36. INSTALL BATTERY CARRIER PANEL NO.6 (See page 21–56)

37. INSTALL QUARTER VENT DUCT (See page 21–56)

38. INSTALL BATTERY BRACKET REINFORCEMENT (See page 21–56)

39. INSTALL QUARTER VENT DUCT INNER NO.2 (See page 21–56)

40. INSTALL BATTERY CARRIER BRACKET (See page 21–56)

41. INSTALL DECK TRIM SIDE PANEL ASSY RH

42. INSTALL DECK TRIM SIDE PANEL ASSY LH

43. INSTALL DECK FLOOR BOX LH

44. INSTALL REAR FLOOR BOARD NO.4

45. INSTALL REAR SIDE SEAT BACK FRAME RH

46. INSTALL REAR SIDE SEAT BACK FRAME LH

47. INSTALL REAR FLOOR BOARD NO.1

48. INSTALL REAR SEAT CUSHION ASSY

49. INSTALL TONNEAU COVER ASSY

50. INSTALL DECK TRIM COVER REAR

51. INSTALL SERVICE PLUG GRIP (See page 21–120)

NOTICE:

Wear insulating gloves.

52. CONNECT BATTERY NEGATIVE TERMINAL

Torque: 6.0 N·m (61 kgf·cm, 53 in.·lbf)

53. INSTALL REAR FLOOR BOARD NO.3

54. INSTALL DECK FLOOR BOX REAR

55. INSTALL REAR FLOOR BOARD NO.2

56. POWER WINDOW CONTROL SYSTEM INITIALIZE (See page 01–29)