

# MAIN BATTERY CABLE NO.2

## REPLACEMENT

2103P-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 21-7)
  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:

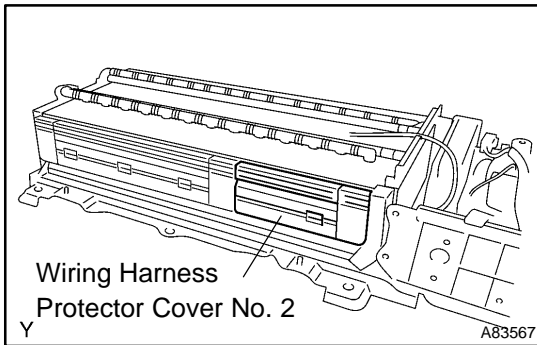
Wear insulating gloves.

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)

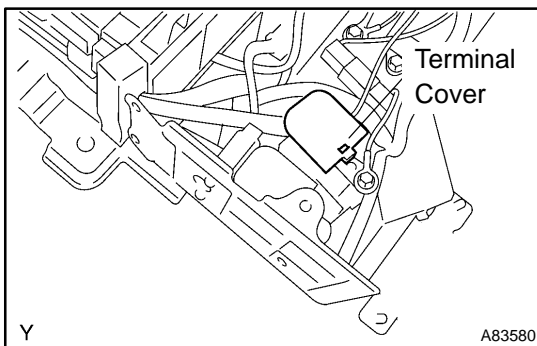


## 26. REMOVE WIRING HARNESS PROTECTOR COVER NO.3

**NOTICE:**  
Wear insulating gloves.

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

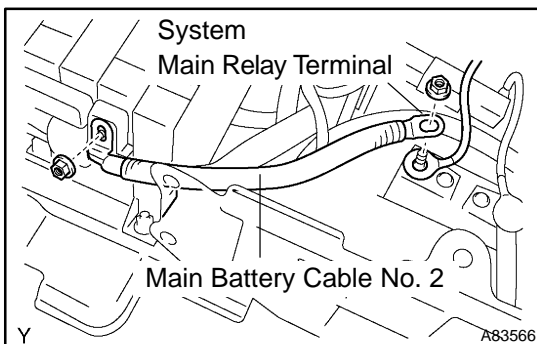
**NOTICE:**  
Wear insulating gloves.



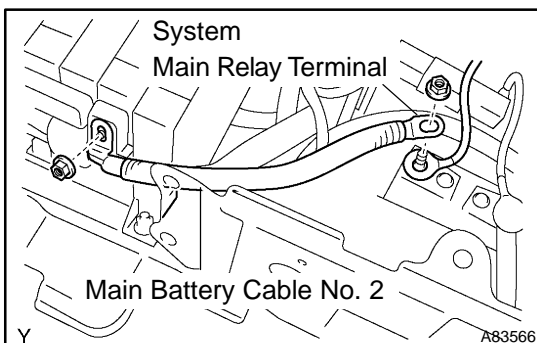
## 28. REMOVE MAIN BATTERY CABLE NO.2

**NOTICE:**  
Wear insulating gloves.

- (a) Remove the terminal cover shown in the illustration.



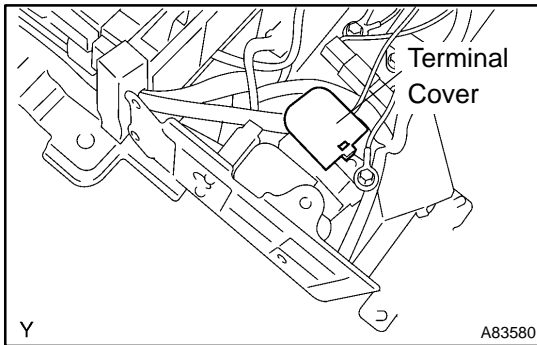
- (b) Remove the nut, then disconnect the system main relay terminal and main battery cable No. 2 from the system main relay No. 2.
- (c) Remove the nut, then disconnect the frame wire from the main battery cable No. 2.
- (d) Remove the main battery cable No. 2 from the HV battery.



## 29. INSTALL MAIN BATTERY CABLE NO.2

**NOTICE:**  
Wear insulating gloves.

- (a) Temporarily fasten the main battery cable No. 2 to the HV battery.
- (b) Install the main battery cable No. 2 to the frame wire No. 2 with a new nut.  
**Torque: 5.4 N·m (55 kgf·cm, 48 in·lbf)**
- (c) Temporarily fasten the main battery cable and system main relay terminal, in that order, to the system main relay No. 3, then tighten the new nut.  
**Torque: 5.6 N·m (57 kgf·cm, 50 in·lbf)**

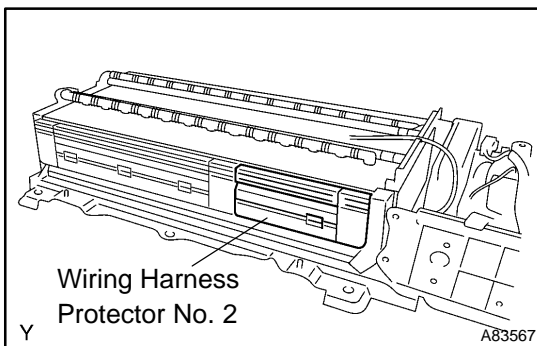


(d) Install the terminal cover shown in the illustration.

**30. INSTALL BATTERY CARRIER CUSHION NO.3 (See page 21-66)**

**NOTICE:**

**Wear insulating gloves.**



**31. INSTALL WIRING HARNESS PROTECTOR COVER NO.3**

**NOTICE:**

**Wear insulating gloves.**

**32. INSTALL BATTERY COVER SUB-ASSY (See page 21-54)**

**33. INSTALL HV BATTERY ASSY (See page 21-54)**

**34. INSTALL FRAME WIRE (See page 21-54)**

**NOTICE:**

**Wear insulating gloves.**

**35. INSTALL JUNCTION TERMINAL (See page 21-54)**

**NOTICE:**

**Wear insulating gloves.**

**36. INSTALL BATTERY CARRIER PANEL NO.6 (See page 21-54)**

**37. INSTALL QUARTER VENT DUCT (See page 21-54)**

**38. INSTALL BATTERY BRACKET REINFORCEMENT (See page 21-54)**

**39. INSTALL QUARTER VENT DUCT INNER NO.2 (See page 21-54)**

**40. INSTALL BATTERY CARRIER BRACKET (See page 21-54)**

**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 21-116)****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 01-28)**