

SYSTEM MAIN RELAY NO.3

2103V-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 21-7)
 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 FLOOR BOARD NO.4 (See page 21-54)
 13. REMOVE DECK FLOOR BOX LH (See page 21-54)
 14. REMOVE DECK TRIM SIDE PANEL ASSY LH (See page 21-54)
 15. REMOVE BATTERY CARRIER BRACKET (See page 21-54)
 16. REMOVE BATTERY CARRIER PANEL NO.6 (See page 21-54)
 17. REMOVE JUNCTION TERMINAL (See page 21-54)

NOTICE:

Wear insulating gloves.

18. SEPARATE FRAME WIRE (See page 21-54)

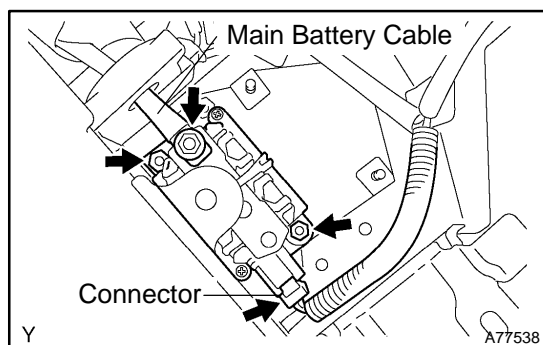
NOTICE:

Wear insulating gloves.

19. REMOVE SYSTEM MAIN RELAY NO.2 (See page 21-87)

NOTICE:

Wear insulating gloves.

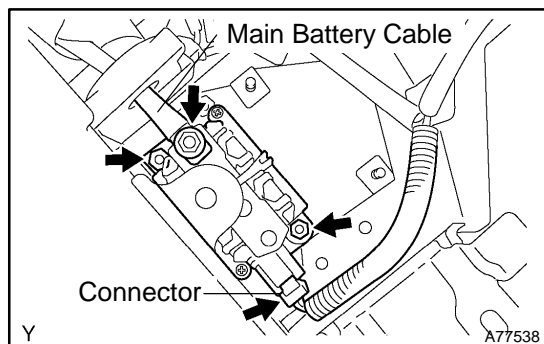


20. REMOVE SYSTEM MAIN RELAY NO.3

NOTICE:

Wear insulating gloves.

- (a) Remove the nut, then disconnect the main battery cable.
- (b) Remove the 2 nuts, then disconnect the system main relay No. 3.
- (c) Remove the connector and system main relay No. 3.

**21. INSTALL SYSTEM MAIN RELAY NO.3****NOTICE:****Wear insulating gloves.**

- (a) Connect the connector, then temporarily fasten the system main relay No. 3.
- (b) Install the system main relay No. 3 with 2 new nuts.
Torque: 3.4 N·m (35 kgf·cm, 30 in·lbf)
- (c) Install the main battery cable with the nut.
Torque: 5.6 N·m (57 kgf·cm, 50 in·lbf)

22. INSTALL SYSTEM MAIN RELAY NO.2 (See page 21-87)**NOTICE:****Wear insulating gloves.****23. INSPECT CONTACT CONDITION (See page 21-83)****NOTICE:****Wear insulating gloves.****24. INSTALL FRAME WIRE (See page 21-54)****NOTICE:****Wear insulating gloves.****25. INSTALL JUNCTION TERMINAL (See page 21-54)****NOTICE:****Wear insulating gloves.****26. INSTALL BATTERY CARRIER PANEL NO.6 (See page 21-54)****27. INSTALL BATTERY CARRIER BRACKET (See page 21-54)****28. INSTALL DECK TRIM SIDE PANEL ASSY LH****29. INSTALL DECK FLOOR BOX LH****30. INSTALL REAR FLOOR BOARD NO.4****31. INSTALL REAR SIDE SEAT BACK FRAME LH****32. INSTALL REAR FLOOR BOARD NO.1****33. INSTALL REAR SEAT CUSHION ASSY****34. INSTALL TONNEAU COVER ASSY****35. INSTALL DECK TRIM COVER REAR****36. INSTALL SERVICE PLUG GRIP (See page 21-116)****NOTICE:****Wear insulating gloves.****37. CONNECT BATTERY NEGATIVE TERMINAL****Torque: 6.0 N·m (61 kgf·cm, 53 in·lbf)****38. INSTALL REAR FLOOR BOARD NO.3****39. INSTALL DECK FLOOR BOX REAR****40. INSTALL REAR FLOOR BOARD NO.2****41. POWER WINDOW CONTROL SYSTEM INITIALIZE (See page 01-28)**