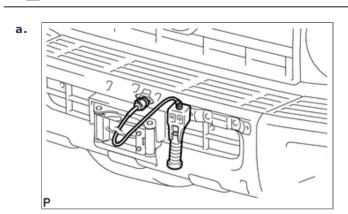
WINCH WINCH SYSTEM ON-VEHICLE INSPECTION

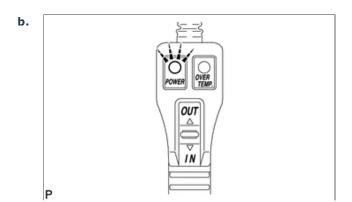
PROCEDURE

1.INSPECT REMOTE CONTROL SWITCH ASSEMBLY

38640



Connect the remote control switch connector.



Turn the ignition switch to ON and check that the power indicator light illuminates.

Press the winch control switch, and check that the winch operates.

NOTICE

Be careful not to tighten or strain the winch wire.

d. Turn the ignition switch off.

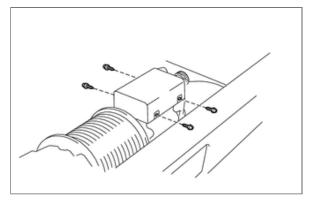
2.REMOVE RADIATOR GRILLE	53111
Click hereVehicle Exterior>EXTERIOR PANELS / TRIM>FRONT BUMPER(for Step Type)>REMOVAL	
3.REMOVE FRONT VALANCE PANEL	53911
Click hereVehicle Exterior>EXTERIOR PANELS / TRIM>FRONT BUMPER(for Step Type)>REMOVAL	
4.REMOVE FRONT BUMPER COVER	52119A
Click hereVehicle Exterior>EXTERIOR PANELS / TRIM>FRONT BUMPER(for Step Type)>REMOVAL	
5.REMOVE FRONT BUMPER BRACKET SUB-ASSEMBLY LH	52016B
Click hereVehicle Exterior>EXTERIOR PANELS / TRIM>FRONT BUMPER(for Step Type)>REMOVAL	
6.REMOVE FRONT BUMPER BRACKET SUB-ASSEMBLY RH	52015B

52101B

Click hereVehicle Exterior>EXTERIOR PANELS / TRIM>FRONT BUMPER(for Step Type)>REMOVAL

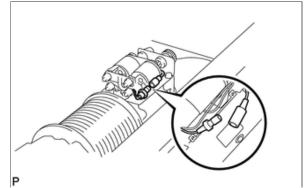
8.INSPECT OVERHEAT TEMPERATURE INDICATOR

a.



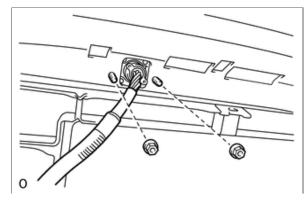
Remove the 4 screws and the cover.

b.



Disconnect the motor relay connector.

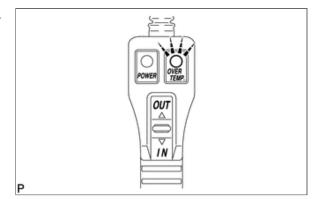
c.



Remove the 2 nuts.

- **d.** Pull the bumper side winch control wire out of the bumper.
- **e.** Connect the bumper side winch control wire connector to the vehicle side winch control wire connector.
- **f.** Connect the bumper side winch control wire connector to the winch control switch connector.

g.



Turn the ignition switch to ON and check that the overheat temperature indicator light illuminates and the buzzer sounds.

- h. Turn the ignition switch off.
- i. Disconnect the bumper side winch control wire connector from the winch control switch connector.
- j. Disconnect the bumper side winch control wire connector from the vehicle side winch control wire connector.
- **k.** Pass the bumper side winch control wire through the bumper.
- I. Install the 2 nuts.

Torque:

5.0 N*m (51 kgf*cm, 44 in.*lbf)

- m. Connect the motor relay connector.
- n. Install the cover with the 4 screws.

9.INSTALL FRONT BUMPER REINFORCEMENT PLATE SUB-ASSEMBLY	52101B
Click hereVehicle Exterior>EXTERIOR PANELS / TRIM>FRONT BUMPER(for Step Type)>INSTALLATION	
■ 10.INSTALL FRONT BUMPER BRACKET SUB-ASSEMBLY LH	52016B
Click hereVehicle Exterior>EXTERIOR PANELS / TRIM>FRONT BUMPER(for Step Type)>INSTALLATION	
■ 11.INSTALL FRONT BUMPER BRACKET SUB-ASSEMBLY RH	52015B
Click hereVehicle Exterior>EXTERIOR PANELS / TRIM>FRONT BUMPER(for Step Type)>INSTALLATION	
■ 12.INSTALL FRONT BUMPER COVER	52119A
Click hereVehicle Exterior>EXTERIOR PANELS / TRIM>FRONT BUMPER(for Step Type)>INSTALLATION	
■ 13.INSTALL FRONT VALANCE PANEL	53911
Click hereVehicle Exterior>EXTERIOR PANELS / TRIM>FRONT BUMPER(for Step Type)>INSTALLATION	
14.INSTALL RADIATOR GRILLE	53111

Click hereVehicle Exterior>EXTERIOR PANELS / TRIM>FRONT BUMPER(for Step Type)>INSTALLATION

 $\ @$ 2012 TOYOTA MOTOR CORPORATION. All Rights Reserved.