

ACCESSORIES & EQUIPMENT

Meter / Gauge / Display (Preparation) - Sienna

METER / GAUGE / DISPLAY

RECOMMENDED TOOLS

RECOMMENDED TOOLS

	09080-1C110	Toyota Electrical Tester Set	
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EQUIPMENT

EQUIPMENT

Torque wrench	
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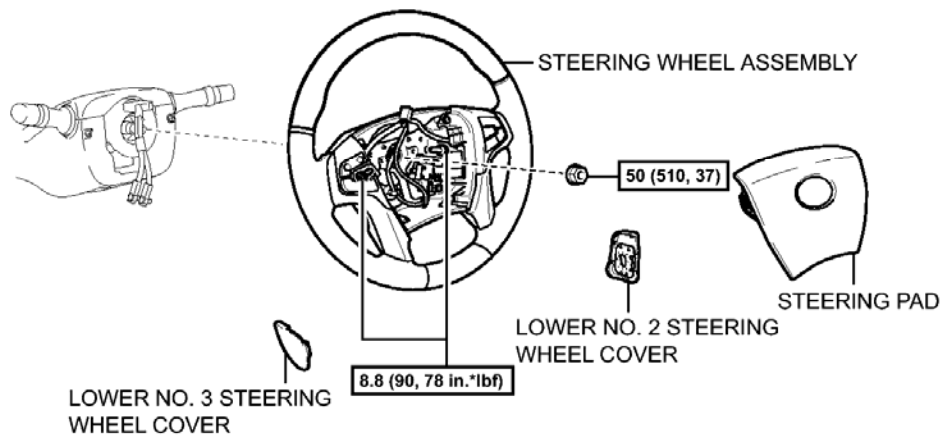
ACCESSORIES & EQUIPMENT

Meter / Gauge / Display (Service Information) - Sienna

COMBINATION METER

COMPONENTS

ILLUSTRATION



N*m (kgf*cm, ft*lbf) : Specified torque

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Fig. 1: Combination Meter Replacement Components With Torque Specifications (1 Of 3)
Courtesy of TOYOTA MOTOR SALES, U.S.A., INC.

ILLUSTRATION

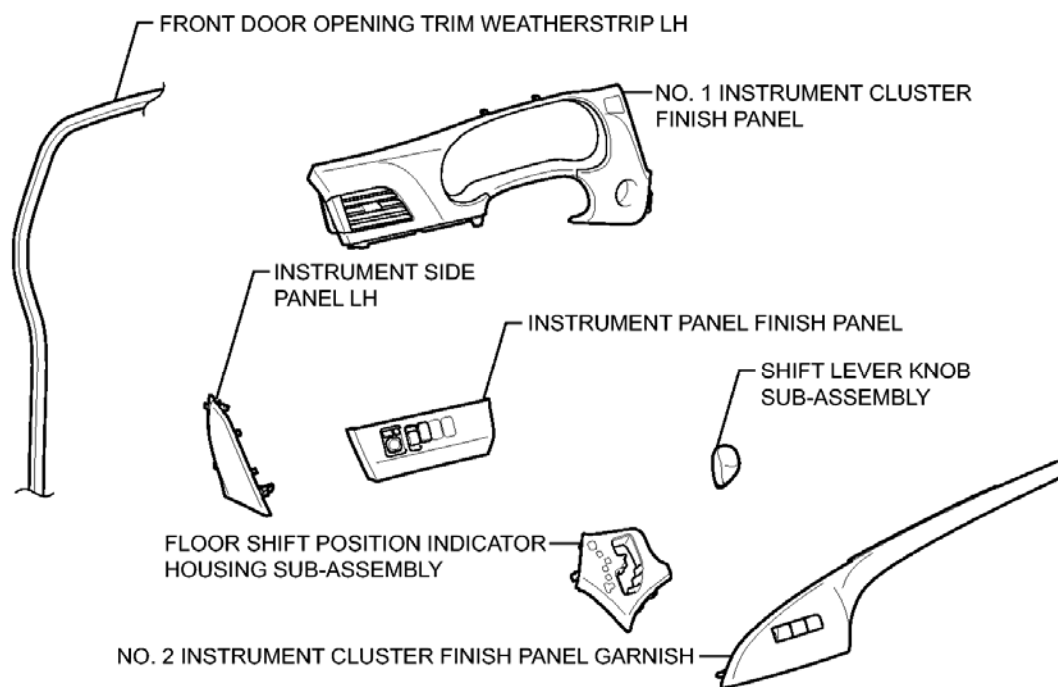
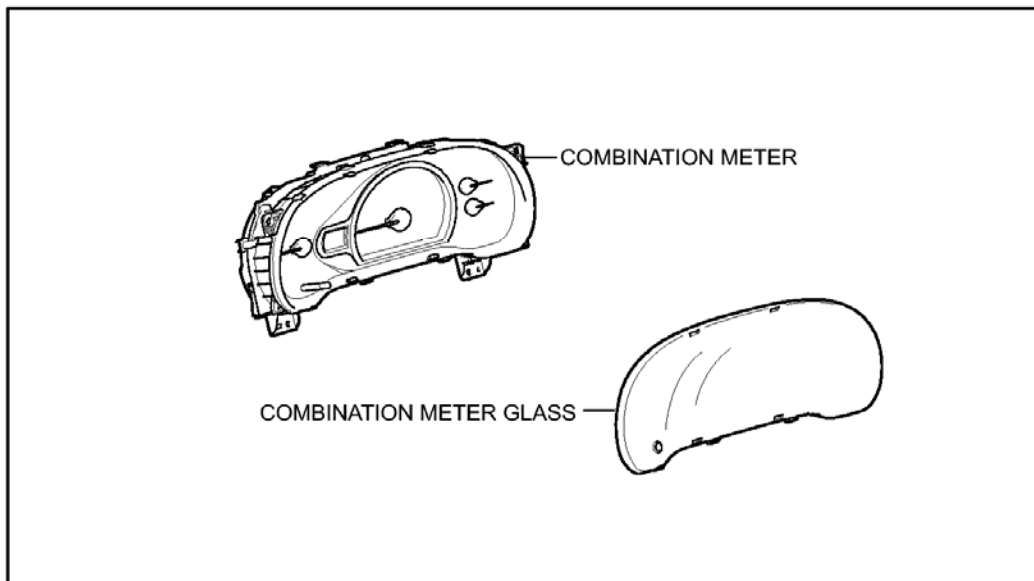
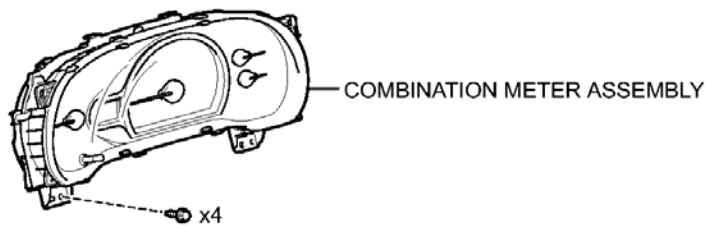


Fig. 2: Combination Meter Replacement Components (2 of 3)
 Courtesy of TOYOTA MOTOR SALES, U.S.A., INC.

ILLUSTRATION



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Fig. 3: Combination Meter Replacement Components (3 of 3)
 Courtesy of TOYOTA MOTOR SALES, U.S.A., INC.

REMOVAL

REMOVAL

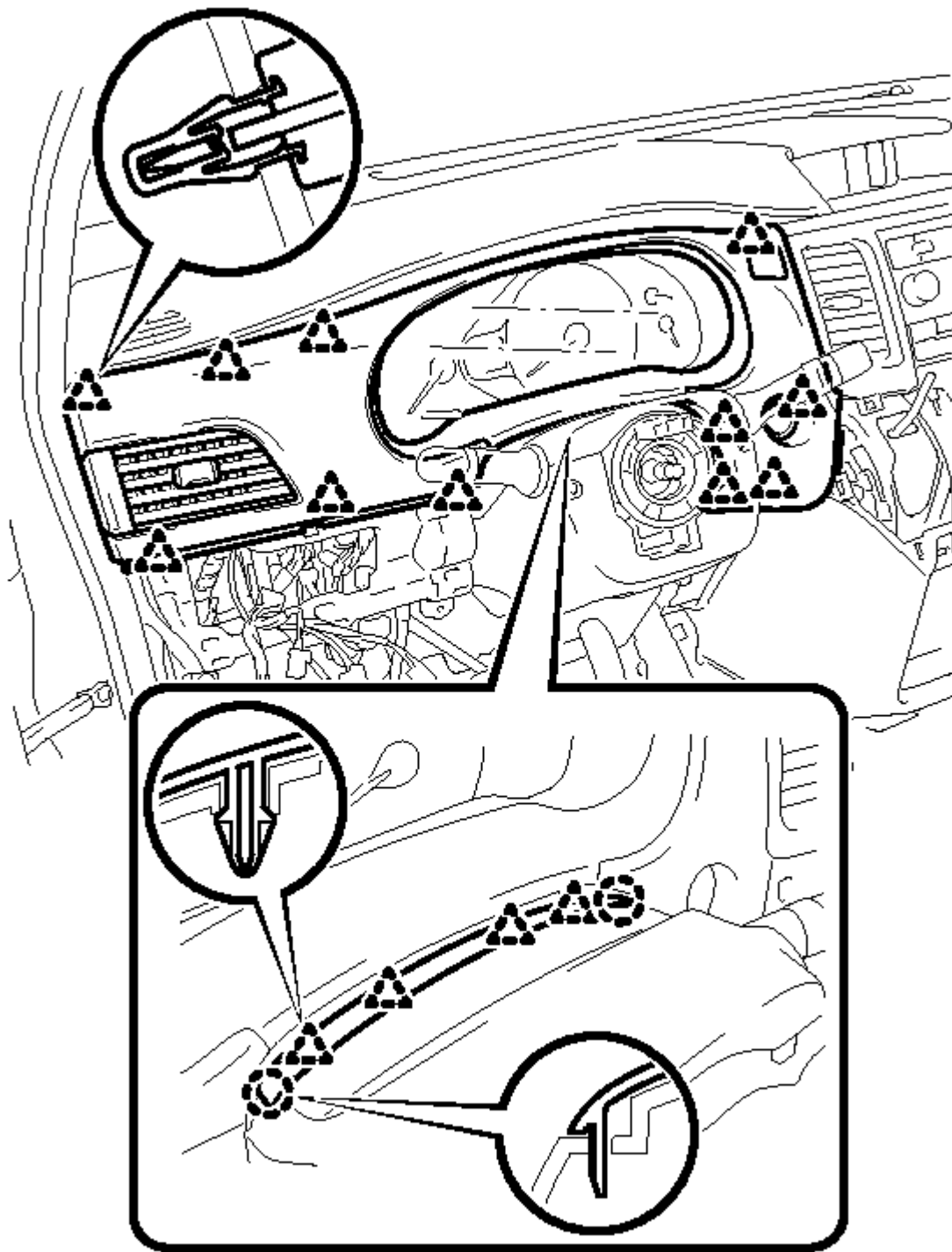
1. TURN FRONT WHEELS TO FACE STRAIGHT AHEAD

2. DISCONNECT CABLE FROM NEGATIVE BATTERY TERMINAL

WARNING: Wait at least 90 seconds after disconnecting the cable from the negative (-) battery terminal to disable the SRS system.

NOTE: When disconnecting the cable, some systems need to be initialized after the cable is reconnected. Refer to INITIALIZATION .

3. **REMOVE LOWER NO. 3 STEERING WHEEL COVER** . Refer to REMOVAL - Step 2
4. **REMOVE LOWER NO. 2 STEERING WHEEL COVER** . Refer to REMOVAL - Step 3
5. **REMOVE STEERING PAD** . Refer to REMOVAL - Step 4
6. **REMOVE STEERING WHEEL ASSEMBLY** . Refer to REMOVAL - Step 6
7. **SEPARATE FRONT DOOR OPENING TRIM WEATHERSTRIP LH**
8. **REMOVE NO. 2 INSTRUMENT CLUSTER FINISH PANEL GARNISH** . Refer to REMOVAL - Step 23
9. **REMOVE SHIFT LEVER KNOB SUB-ASSEMBLY** . Refer to REMOVAL - Step 24
10. **REMOVE FLOOR SHIFT POSITION INDICATOR HOUSING SUB-ASSEMBLY** . Refer to REMOVAL - Step 25
11. **REMOVE INSTRUMENT SIDE PANEL LH** . Refer to REMOVAL - Step 35
12. **REMOVE INSTRUMENT PANEL FINISH PANEL** . Refer to REMOVAL - Step 22
13. **REMOVE NO. 1 INSTRUMENT CLUSTER FINISH PANEL**



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Fig. 4: Identifying Instrument Cluster Finish Panel Claws & Clips
Courtesy of TOYOTA MOTOR SALES, U.S.A., INC.

- a. Disengage the 2 claws and 4 clips and separate the instrument cluster finish panel.
- b. Disengage the 11 clips and remove the No. 1 instrument cluster finish panel.

14. REMOVE COMBINATION METER ASSEMBLY

- a. Disengage the 4 screws.

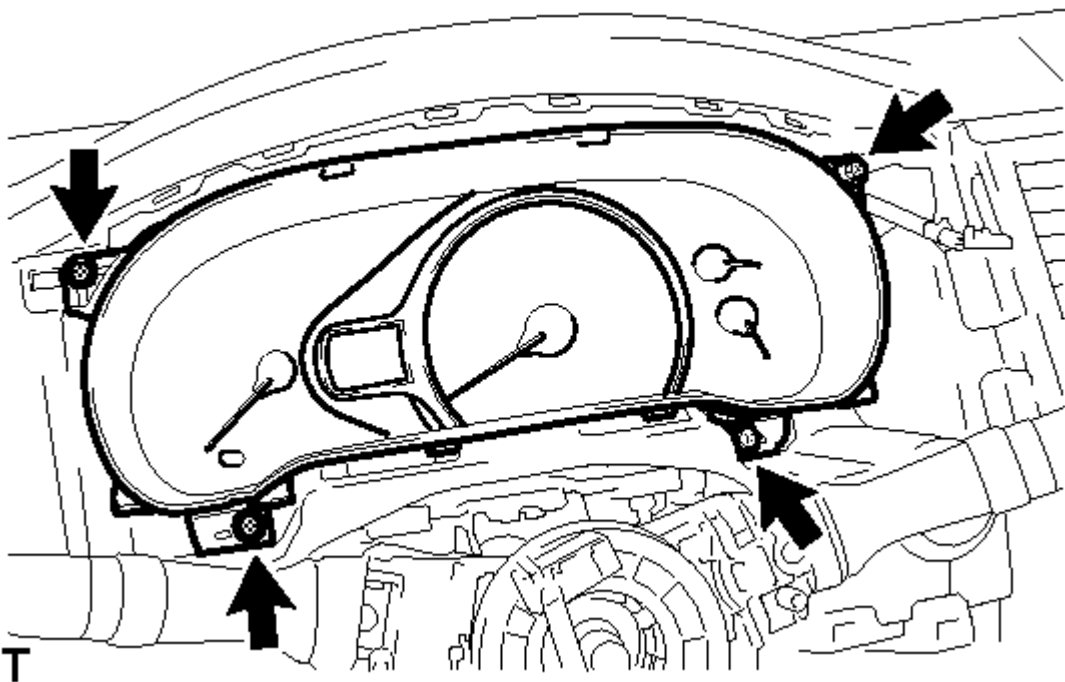


Fig. 5: Identifying Combination Meter Assembly Screws
Courtesy of TOYOTA MOTOR SALES, U.S.A., INC.

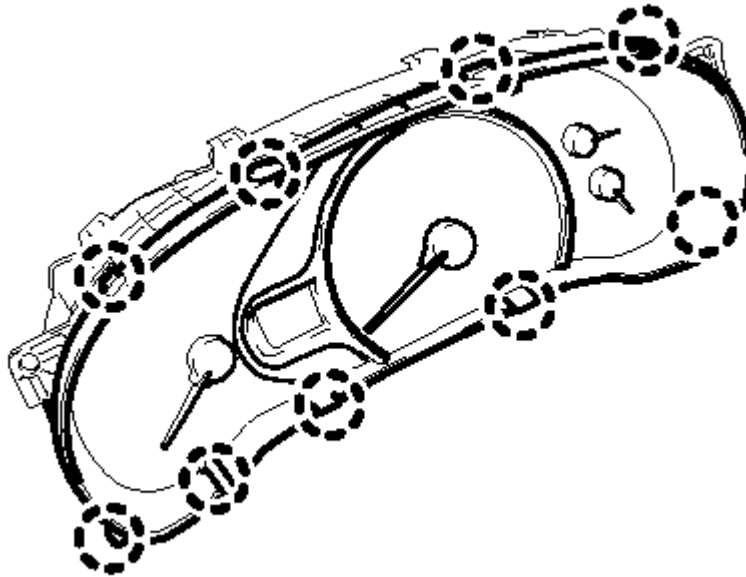
- b. Pull the combination meter assembly, disconnect the connector, and remove the combination meter assembly.

DISASSEMBLY

DISASSEMBLY

1. REMOVE COMBINATION METER GLASS

- a. Disengage the 9 claws and remove the combination meter glass.



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Fig. 6: Identifying Combination Meter Glass Claws
 Courtesy of TOYOTA MOTOR SALES, U.S.A., INC.

REASSEMBLY

REASSEMBLY

1. INSTALL COMBINATION METER GLASS

- a. Engage the 9 claws to install the combination meter glass.

NOTE: When installing the combination meter glass, be careful of invasion of dust or foreign matter.

INSTALLATION

INSTALLATION

1. INSTALL COMBINATION METER ASSEMBLY

- a. Connect the connector and temporarily install the combination meter assembly.

NOTE: When installing the combination meter assembly, do not damage the upper instrument panel sub-assembly and combination meter assembly.

- b. Install the combination meter assembly with the 4 screws.

2. INSTALL NO. 1 INSTRUMENT CLUSTER FINISH PANEL

- a. Engage the 11 clips and install the No. 1 instrument cluster finish panel.
- b. Engage the 2 claws and 4 clips and install the instrument cluster finish panel.
3. **INSTALL INSTRUMENT PANEL FINISH PANEL** . Refer to **INSTALLATION - Step 36**
4. **INSTALL INSTRUMENT SIDE PANEL LH** . Refer to **INSTALLATION - Step 23**
5. **INSTALL FLOOR SHIFT POSITION INDICATOR HOUSING SUB-ASSEMBLY** . Refer to **INSTALLATION - Step 33**
6. **INSTALL SHIFT LEVER KNOB SUB-ASSEMBLY** . Refer to **INSTALLATION - Step 34**
7. **INSTALL NO. 2 INSTRUMENT CLUSTER FINISH PANEL GARNISH** . Refer to **INSTALLATION - Step 35**
8. **INSTALL FRONT DOOR OPENING TRIM WEATHERSTRIP LH**
9. **INSTALL STEERING WHEEL ASSEMBLY** . Refer to **INSTALLATION - Step 12**
10. **INSTALL STEERING PAD** . Refer to **INSTALLATION - Step 1**
11. **INSTALL LOWER NO. 3 STEERING WHEEL COVER** . Refer to **INSTALLATION - Step 2**
12. **INSTALL LOWER NO. 2 STEERING WHEEL COVER** . Refer to **INSTALLATION - Step 3**
13. **INSPECT STEERING WHEEL CENTER POINT**
14. **CONNECT CABLE TO NEGATIVE BATTERY TERMINAL**

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

NOTE: **When disconnecting the cable, some systems need to be initialized after the cable is reconnected. Refer to INITIALIZATION .**

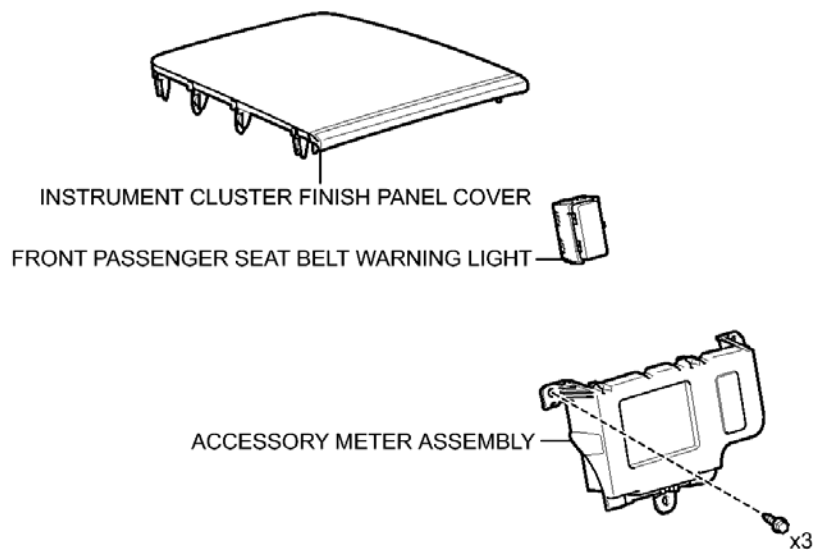
15. **INSPECT STEERING PAD** . Refer to **ON-VEHICLE INSPECTION - Step 1**
16. **INSPECT SRS WARNING LIGHT**

Refer to **DIAGNOSIS SYSTEM**

ACCESSORY METER

COMPONENTS

ILLUSTRATION



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Fig. 7: Accessory Meter Replacement Components
 Courtesy of TOYOTA MOTOR SALES, U.S.A., INC.

REMOVAL

REMOVAL

1. REMOVE RADIO RECEIVER ASSEMBLY

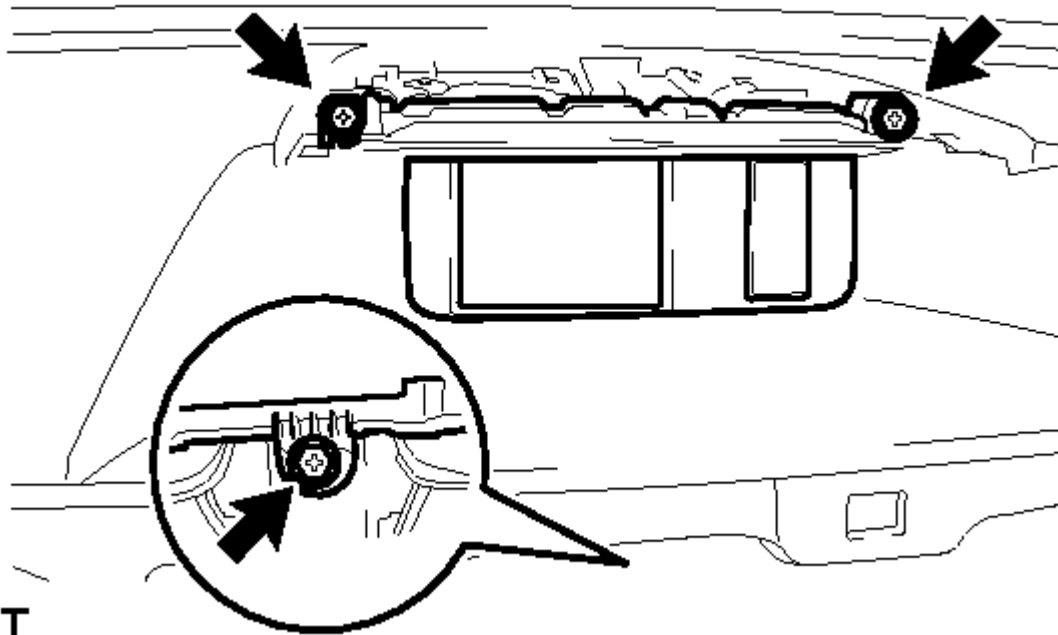
Refer to **REMOVAL**

2. REMOVE NAVIGATION RECEIVER ASSEMBLY

Refer to **REMOVAL**

3. REMOVE INSTRUMENT CLUSTER FINISH PANEL COVER . Refer to **REMOVAL - Step 53**

4. REMOVE ACCESSORY METER ASSEMBLY



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Fig. 8: Identifying Accessory Meter Assembly Screws

Courtesy of TOYOTA MOTOR SALES, U.S.A., INC.

- a. Remove the 3 screws and remove the accessory meter.

5. REMOVE FRONT PASSENGER SEAT BELT WARNING LIGHT . Refer to REMOVAL - Step 2

INSTALLATION

INSTALLATION

1. **INSTALL FRONT PASSENGER SEAT BELT WARNING LIGHT . Refer to INSTALLATION - Step 1**
2. **INSTALL ACCESSORY METER ASSEMBLY**
 - a. Install the accessory meter with the 3 screws.
3. **INSTALL INSTRUMENT CLUSTER FINISH PANEL COVER . Refer to INSTALLATION - Step 5**
4. **INSTALL RADIO RECEIVER ASSEMBLY**

Refer to INSTALLATION

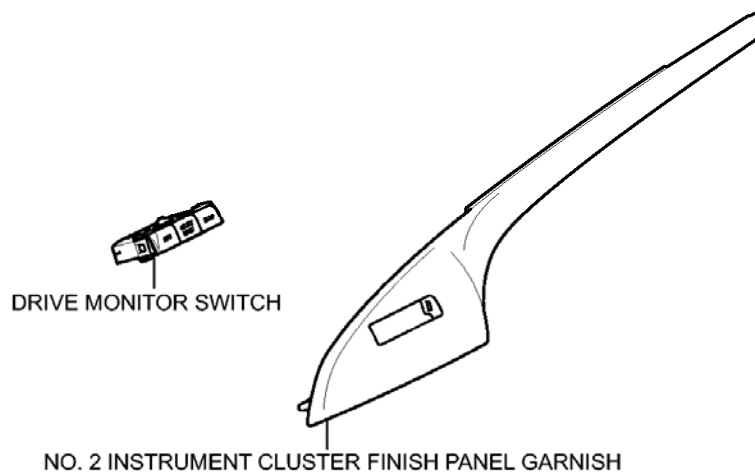
5. INSTALL NAVIGATION RECEIVER ASSEMBLY

Refer to INSTALLATION

DRIVE MONITOR SWITCH

COMPONENTS

ILLUSTRATION



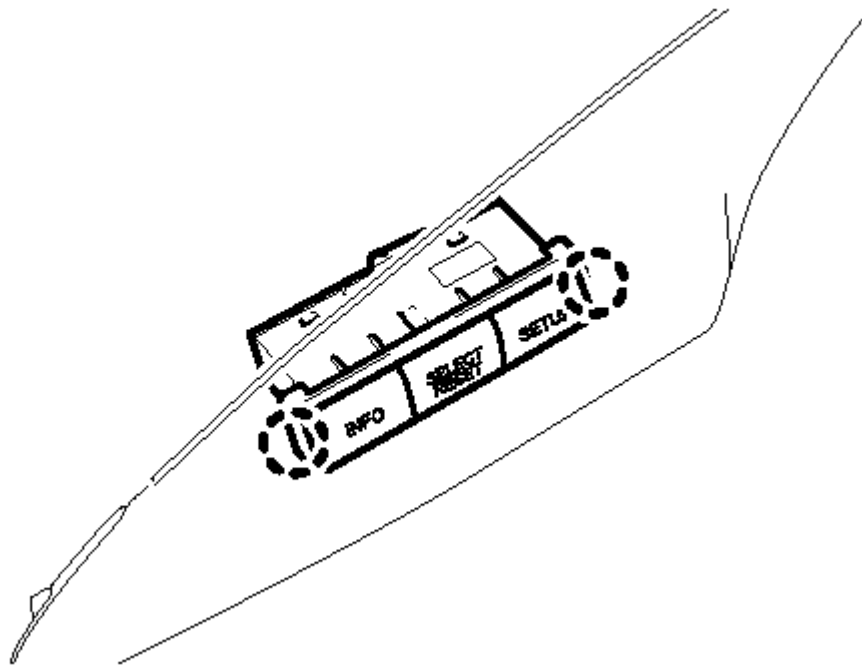
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Fig. 9: Drive Monitor Switch Replacement Components
Courtesy of TOYOTA MOTOR SALES, U.S.A., INC.

REMOVAL

REMOVAL

1. **REMOVE NO. 2 INSTRUMENT CLUSTER FINISH PANEL GARNISH** . Refer to **REMOVAL - Step 23**
2. **REMOVE DRIVE MONITOR SWITCH**



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Fig. 10: Identifying Drive Monitor Switch & Claws
 Courtesy of TOYOTA MOTOR SALES, U.S.A., INC.

- a. Disengage the 2 claws and remove the drive monitor switch.

INSTALLATION

INSTALLATION

1. INSTALL DRIVE MONITOR SWITCH

- a. Engage the 2 claws and install the drive monitor switch.

2. INSTALL NO. 2 INSTRUMENT CLUSTER FINISH PANEL GARNISH . Refer to INSTALLATION - Step 35

ACCESSORIES & EQUIPMENT

Meter / Gauge / Display (Service Specifications) - Sienna

METER / GAUGE / DISPLAY

TORQUE SPECIFICATIONS

TORQUE SPECIFICATIONS

Part Tightened	N*m	kgf*cm	ft.*lbf
Negative battery terminal x Battery	5.4	55	48 in.*lbf