







Removal

INSTRUMENT PANEL: INSTRUMENT PANEL SAFETY PAD: REMOVAL; 2013 MY LS460 [09/2012 -]

1. TABLE OF BOLT, SCREW AND NUT

HINT

All bolts, screws and nuts relevant to installing and removing the instrument panel are shown along with their alphabet code in the table below.

mm (in.) (L=Length)					
Code	shape	Code	shape	Code	shape
<A>	 $\varnothing 6$ (0.24) L=16 (0.63)		 $\varnothing 8$ (0.31) L=16 (0.63)	<C>	 $\varnothing 5$ (0.20) L=15 (0.59)
<D>	 $\varnothing 6$ (0.24) L=22 (0.87)	<E>	 $\varnothing 8$ (0.31) L=18 (0.71)	<F>	 $\varnothing 6$ (0.24)

2. REMOVE COWL TOP VENTILATOR LOUVER RH [See: Starting and Charging\Charging System\Alternator\Service and Repair\Removal and Replacement\Removal](#)
3. PRECAUTION

NOTICE:

After turning the engine switch off, waiting time may be required before disconnecting the cable from the negative (-) battery terminal. Therefore, make sure to read the disconnecting the cable from the negative (-) battery terminal notices before proceeding with work [See: Service Precautions.](#)

4. DISABLE AUTOAWAY/RETURN FUNCTION

- (a) Disable the autoaway/return function by changing the customize parameter [See: Testing and Inspection\Repair Instruction - Customize Parameters.](#)

NOTICE:

Record the current customize parameter setting (whether the autoaway/return function is enabled or disabled) in order to restore the current setting after finishing the operation.

HINT

Performing the above operation causes the autoaway/return function to be disabled when the engine switch is turned off.

- (b) Turn the engine switch on (IG). Operate the tilt and telescopic switch to fully retract and tilt up the steering column assembly.
- (c) Turn the engine switch off.

5. DISCONNECT CABLE FROM NEGATIVE BATTERY TERMINAL

- (a) Disconnect the cable from the negative (-) battery terminal.

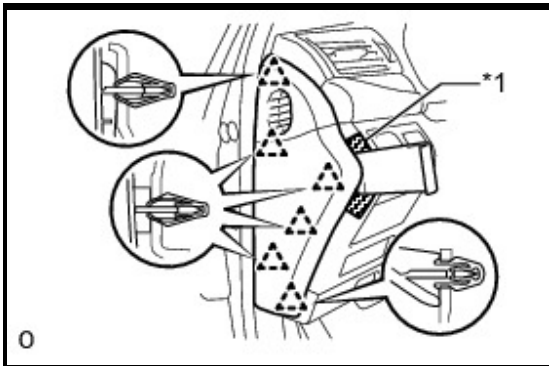
CAUTION:

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

NOTICE:

When disconnecting the cable, some systems need to be initialized after the cable is reconnected [See: Testing and Inspection\Repair Instruction - Initialization.](#)

6. REMOVE INSTRUMENT SIDE PANEL LH



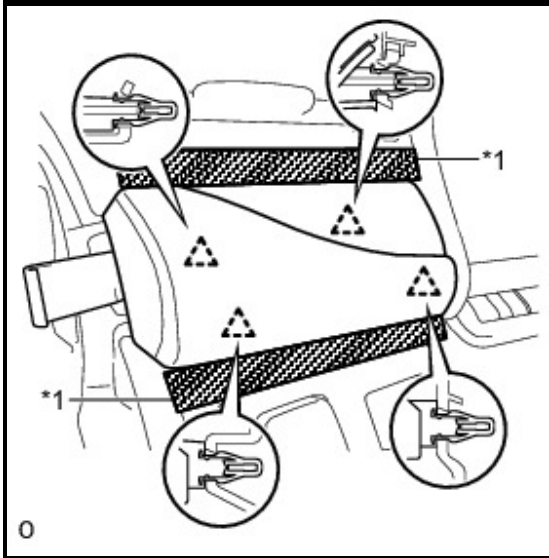
- (a) Apply protective tape as shown in the illustration.

Text in Illustration



(b) Using moulding remover D, detach the 6 clips and remove the instrument side panel LH.

7. REMOVE INSTRUMENT PANEL ORNAMENT



(a) Apply protective tape as shown in the illustration.

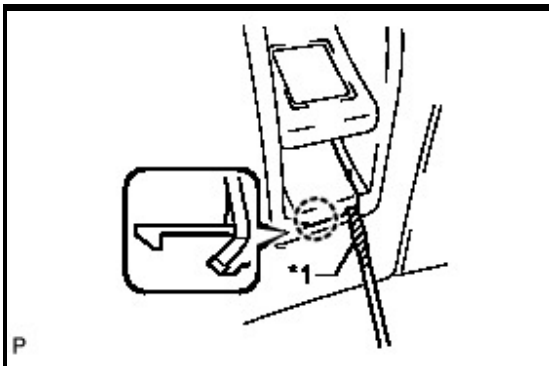
Text in Illustration



(b) Using moulding remover B, detach the 4 clips and remove the instrument panel ornament.

(c) Disconnect the connector.

8. REMOVE NO. 1 INSTRUMENT PANEL SAFETY PAD SUB-ASSEMBLY



- (a) Using a screwdriver, detach the claw and remove the switch base hole cover from the No. 1 instrument panel safety pad sub-assembly.

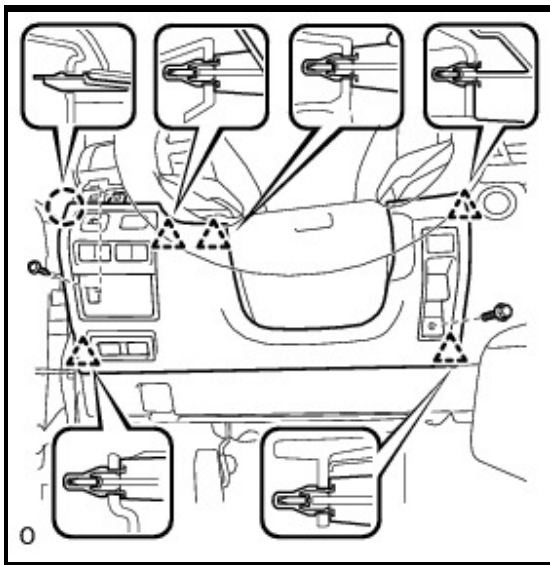
HINT

Tape the screwdriver tip before use.

Text in Illustration

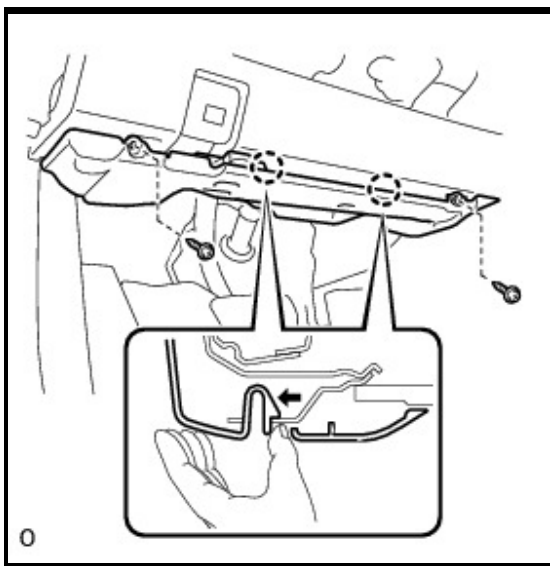


- (b) Remove the bolt.



- (c) Remove the screw [C].
- (d) Detach the 5 clips and claw and remove the No. 1 instrument panel safety pad sub-assembly.
- (e) Disconnect each connector.

9. REMOVE NO. 1 INSTRUMENT PANEL UNDER COVER SUB-ASSEMBLY



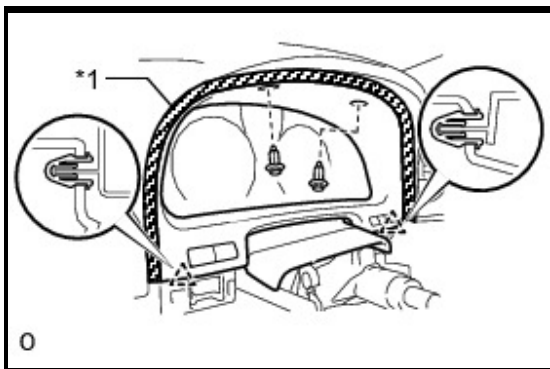
- (a) Remove the 2 screws.
- (b) Detach the 2 claws as shown in the illustration and remove the No. 1 instrument panel under cover sub-assembly.
- (c) Detach the 2 claws and disconnect the DLC3.
- (d) Disconnect each connector and each wire harness clamp.

10. REMOVE DRIVER SIDE KNEE AIRBAG ASSEMBLY [See: Restraints and Safety Systems\Air Bag Systems\Air Bag\Service and Repair\Removal and Replacement\Driver Side Knee Airbag Assembly\Removal](#)

11. REMOVE HEADLIGHT DIMMER SWITCH ASSEMBLY

[See: Lighting and Horns\Headlamp Dimmer Switch\Service and Repair\Removal](#)

12. REMOVE NO. 2 INSTRUMENT CLUSTER FINISH PANEL SUB-ASSEMBLY



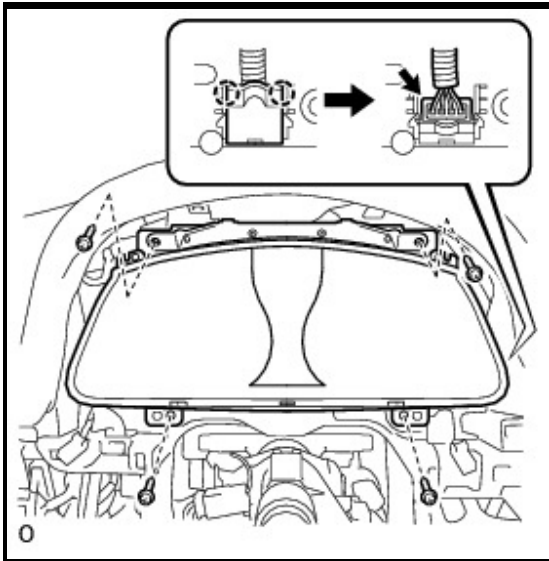
- (a) Apply protective tape as shown in the illustration.

Text in Illustration

*1 Protective Tape

- (b) Remove the 2 clips.
- (c) Detach the 2 clips and remove the No. 2 instrument cluster finish panel sub-assembly.
- (d) Disconnect 2 connectors.

13. REMOVE COMBINATION METER ASSEMBLY



- (a) Remove the 4 screws and combination meter assembly.
- (b) Detach the 2 claws and open the connector cover.
- (c) Disconnect the connector.

14. REMOVE CONSOLE BOX ASSEMBLY

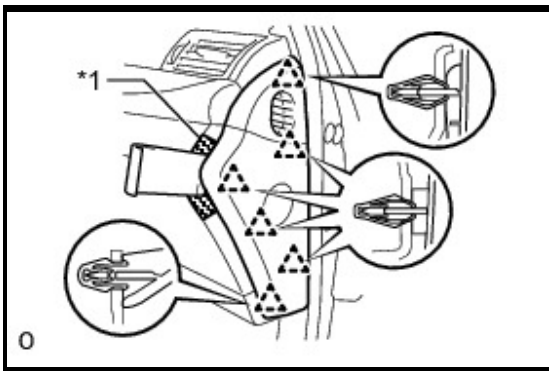
- (a) w/o Rear Seat Entertainment System:

[See: Console\Service and Repair\Removal and Replacement\Front Console Box \(W/O Rear Seat Entertainment System\)\Removal](#)

- (b) w/ Rear Seat Entertainment System:

[See: Console\Service and Repair\Removal and Replacement\Front Console Box \(W/ Rear Seat Entertainment System\)\Removal](#)

- 15. REMOVE MULTI-MEDIA MODULE RECEIVER ASSEMBLY [See: Accessories and Optional Equipment\Radio/Stereo\Service and Repair\Removal](#)
- 16. REMOVE INSTRUMENT SIDE PANEL RH



(a) Apply protective tape as shown in the illustration.

Text in Illustration



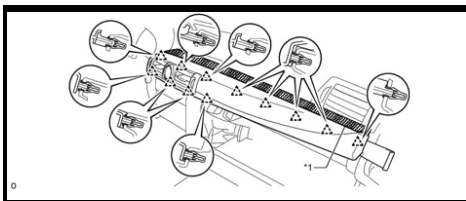
(b) Using moulding remover D, detach the 6 clips and remove the instrument side panel RH.

17. REMOVE INSTRUMENT CLUSTER FINISH PANEL GARNISH ASSEMBLY

(a) Apply protective tape as shown in the illustration.

(b) Using moulding remover B, detach the 12 clips and remove the instrument cluster finish panel garnish assembly.

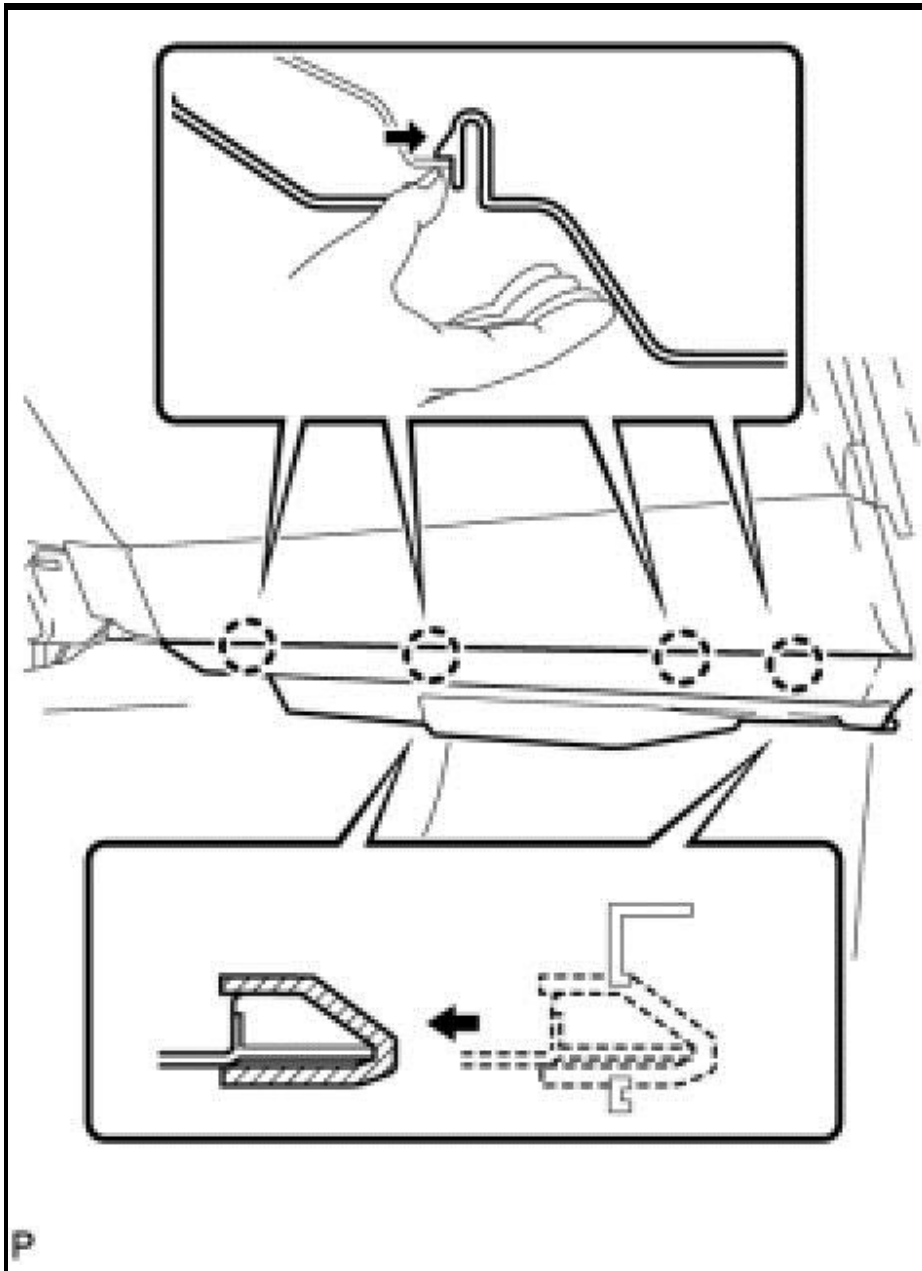
(c) Disconnect each connector.



Text in Illustration



18. REMOVE NO. 2 INSTRUMENT PANEL UNDER COVER SUB-ASSEMBLY



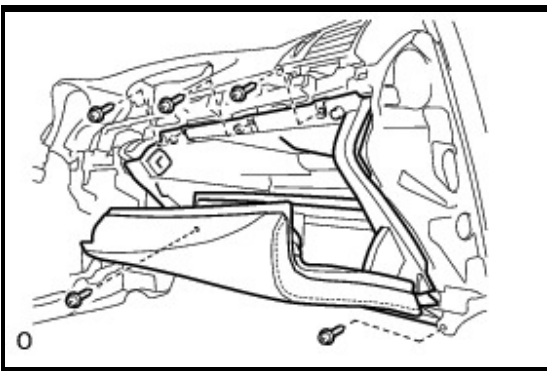
(a) Detach the 4 claws and remove the No. 2 instrument panel under cover sub-assembly.

(b) Disconnect the connector.

19. REMOVE LOWER INSTRUMENT PANEL [See: Restraints and Safety Systems\Air Bag Systems\Air Bag\Service and Repair\Removal and Replacement\Front Passenger Side Knee Airbag Assembly\Removal](#)

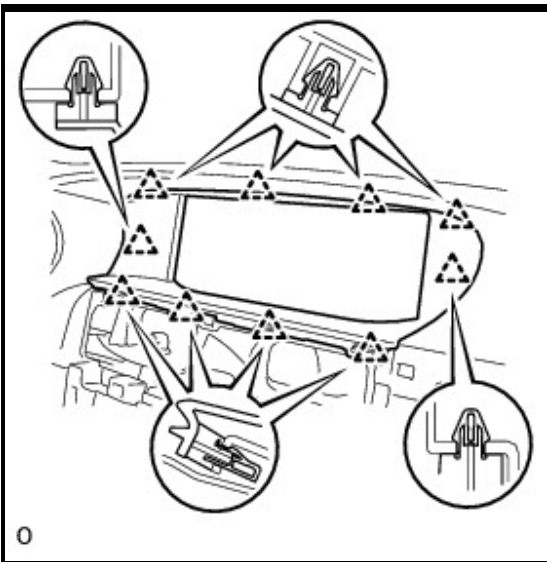
20. REMOVE FRONT PASSENGER SIDE KNEE AIRBAG ASSEMBLY [See: Restraints and Safety Systems\Air Bag Systems\Air Bag\Service and Repair\Removal and Replacement\Front Passenger Side Knee Airbag Assembly\Removal](#)

21. REMOVE GLOVE COMPARTMENT DOOR ASSEMBLY



- (a) Remove the 5 screws [C] and glove compartment door assembly.
- (b) Disconnect each connector and each wire harness clamp.

22. REMOVE INSTRUMENT PANEL FINISH PANEL SUB-ASSEMBLY



- (a) Detach the 10 clips and remove the instrument panel finish panel sub-assembly.

23. REMOVE ACCESSORY METER ASSEMBLY [See: Accessories and Optional Equipment\Navigation Display\Service and Repair\Removal](#)

24. REMOVE FRONT PILLAR GARNISH LH [See: Headliner\Service and Repair\Removal and Replacement\Roof Headlining_\(For Standard Body\)\Removal](#)

25. REMOVE FRONT PILLAR GARNISH RH [See: Headliner\Service and Repair\Removal and Replacement\Roof Headlining_\(For Standard Body\)\Removal](#)

26. REMOVE NO. 1 INSTRUMENT PANEL SPEAKER PANEL SUB-ASSEMBLY [See: Accessories and Optional Equipment\Speaker\Service and Repair\Instrument Panel Speaker\Removal](#)

27. REMOVE NO. 2 INSTRUMENT PANEL SPEAKER PANEL SUB-ASSEMBLY

HINT

Use the same procedure described for the No. 1 instrument panel speaker panel.

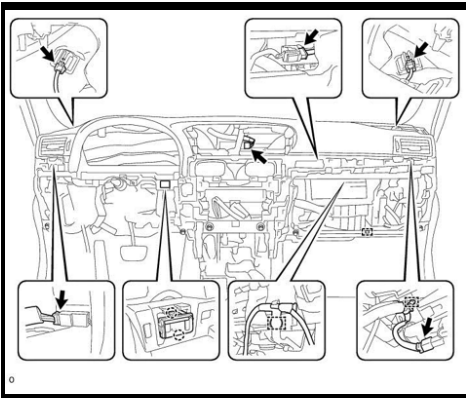
28. REMOVE FRONT NO. 2 SPEAKER ASSEMBLY (for LH Side) [See: Accessories and Optional Equipment\Speaker\Service and Repair\Instrument Panel Speaker\Removal](#)

29. REMOVE FRONT NO. 2 SPEAKER ASSEMBLY (for RH Side)

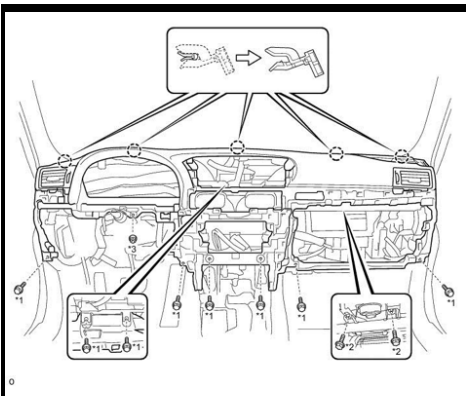
HINT

Use the same procedure described for the LH side.

30. REMOVE NO. 1 SPEAKER HOLE COVER [See: Accessories and Optional Equipment\Speaker\Service and Repair\Instrument Panel Speaker\Removal](#)
31. REMOVE FRONT NO. 3 SPEAKER ASSEMBLY [See: Accessories and Optional Equipment\Speaker\Service and Repair\Instrument Panel Speaker\Removal](#)
32. REMOVE DCM (TELEMATICS TRANSCEIVER) (w/ Telematics Transceiver) [See: Accessories and Optional Equipment\Emergency Contact Module\Service and Repair\Removal](#)
33. REMOVE TIRE PRESSURE MONITOR RECEIVER ASSEMBLY [See: Instrument Panel, Gauges and Warning Indicators\Tire Pressure Monitor Receiver / Transponder\Service and Repair\Tire Pressure Warning Receiver\Removal](#)
34. REMOVE INSTRUMENT PANEL SAFETY PAD SUB-ASSEMBLY
 - (a) Disconnect each connector and each wire harness clamp.
 - (b) Detach the 2 claws and disconnect the cooler thermistor.



- (c) Remove the 8 bolts [A] and 2 bolts [E] and nut [F].
- (d) Remove the 5 bolts and nut.
- (e) Detach the 5 clips and remove the instrument panel safety pad sub-assembly.



Text in Illustration

*1	Bolt [A]	*2	Bolt [B]
*3	Nut [F]	-	-

35. REMOVE NO. 3 INSTRUMENT PANEL STAY

- (a) Detach the 5 claws and remove the 5 No. 3 instrument panel stays.

