

INSTRUMENT PANEL SAFETY PAD SUB-ASSY REPLACEMENT

710L6-01

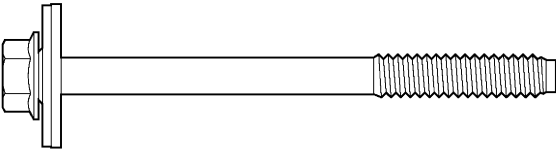
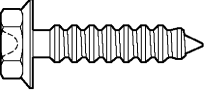
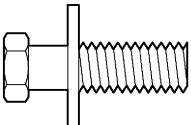
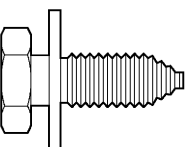
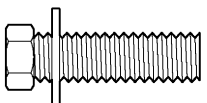
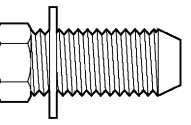
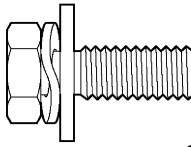
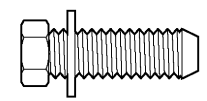
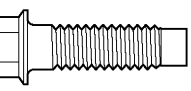
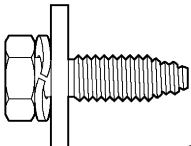
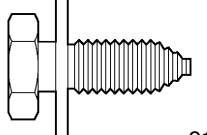
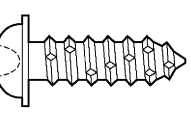
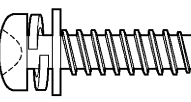
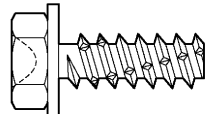
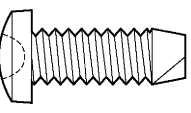
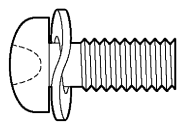
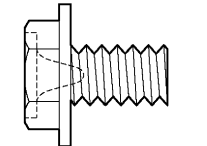
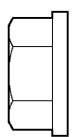
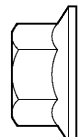
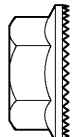
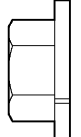
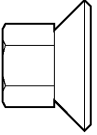
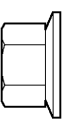
HINT:

- COMPONENTS: [SEE PAGE 71-1](#)
- Installation is in the reverse order of removal.
- A bolt without a torque specification is shown in the standard bolt chart ([see page 03-2](#))

1. TABLE OF BOLT, SCREW AND NUT

HINT:

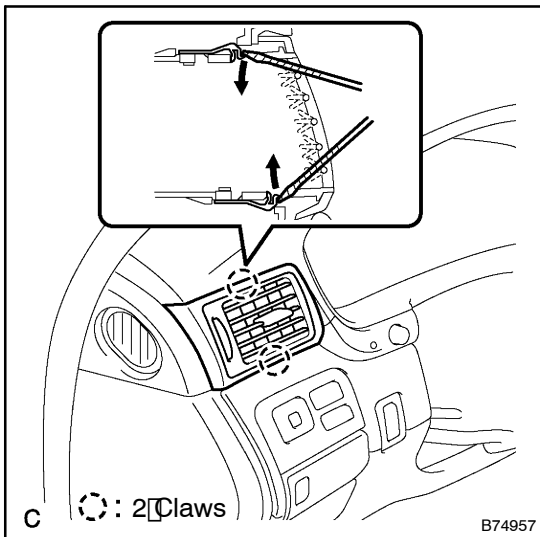
The bolts, screws and nuts, necessary for installation and removal of the instrument panel, are shown in the illustration below with alphabet code.

Code	Shape		Code	Shape			
<A>	 <p>D = 8 L = 100</p> <p>90119 - 08C10</p>			 <p>D = 6 L = 25</p> <p>91515 - G0625</p>			
<C>	 <p>D = 8 L = 20</p> <p>91626 - 60820</p>	<D>	 <p>D = 8 L = 20</p> <p>90119 - 08B96</p>	<E>	 <p>D = 6 L = 20</p> <p>91631 - G0620</p>		
<F>	 <p>D = 8 L = 18</p> <p>91626 - 60818</p>	<G>	 <p>D = 6 L = 18</p> <p>91651 - 60618</p>	<H>	 <p>D = 6 L = 18</p> <p>91626 - 40618</p>		
<I>	 <p>D = 6 L = 18</p> <p>91553 - 80614</p>	<J>	 <p>D = 6 L = 17</p> <p>90119 - 06549</p>	<K>	 <p>D = 6 L = 16</p> <p>91635 - 60616</p>		
<L>	 <p>D = 5 L = 16</p> <p>93567 - 55016</p>	<M>	 <p>L = 16</p> <p>90159 - 40277</p>	<N>	 <p>D = 5 L = 15</p> <p>90159 - 50327</p>		
<O>	 <p>L = 15</p> <p>90164 - 50034</p>	<P>	 <p>D = 5 L = 12</p> <p>93319 - 15012</p>	<Q>	 <p>D = 5 L = 8</p> <p>90153 - 50010</p>		
<R>	 <p>D = 12</p> <p>90179 - 12071</p>	<S>	 <p>D = 10</p> <p>94150 - 81000</p>	<T>	 <p>D = 6</p> <p>90179 - 06159</p>	<U>	 <p>D = 6</p> <p>90179 - 06307</p>
<V>	 <p>D = 6</p> <p>90119 - 08C10</p>	<W>	 <p>D = 6</p> <p>90179 - 06125</p>				

2. SHIP MODE SETTING (W/ CD CHANGER) (SEE PAGE 67-5)
3. SHIP MODE CONFIRMATION (W/ CD CHANGER) (SEE PAGE 67-5)
4. DISCONNECT BATTERY NEGATIVE TERMINAL (SEE PAGE 60-1)

HINT:

- Disconnect the battery negative terminal with the steering column assy extended.
 - Be sure to extend the steering column, otherwise the steering column cover cannot be removed.
5. PLACE FRONT WHEELS FACING STRAIGHT AHEAD
 6. REMOVE SWITCH & VOLUME CASE (SEE PAGE 50-10)
 7. REMOVE STEERING WHEEL COVER LOWER NO.2 (SEE PAGE 50-10)
 8. REMOVE HORN BUTTON ASSY (SEE PAGE 50-10)
 9. REMOVE STEERING WHEEL ASSY (SEE PAGE 50-10)
SST 09950-50013 (09951-05010, 09952-05010, 09953-05020, 09954-05021)
 10. REMOVE STEERING COLUMN COVER (SEE PAGE 50-10)
 11. REMOVE SPIRAL CABLE SUB-ASSY (SEE PAGE 60-31)
 12. REMOVE TURN SIGNAL SWITCH ASSY (SEE PAGE 65-25)

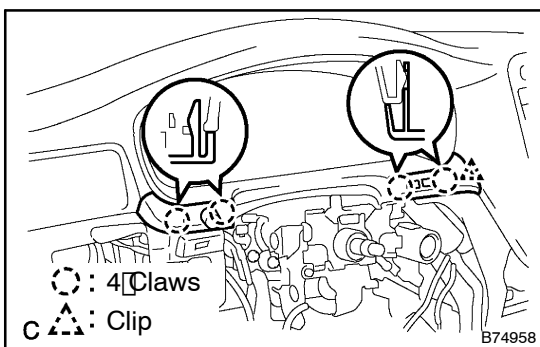


13. REMOVE INSTRUMENT PANEL SAFETY PAD GARNISH SUB-ASSY

- (a) Using a screwdriver, disengage the upper/lower 2 claws inside the instrument panel safety pad garnish sub-assy.

HINT:

Tape up the screwdriver tip before use.



14. REMOVE INSTRUMENT CLUSTER FINISH PANEL CENTER LOWER

- (a) Using a screwdriver, disengage the 2 claws and remove the instrument cluster finish panel center lower.

HINT:

Tape up the screwdriver tip before use.

- (b) Disconnect the connector.

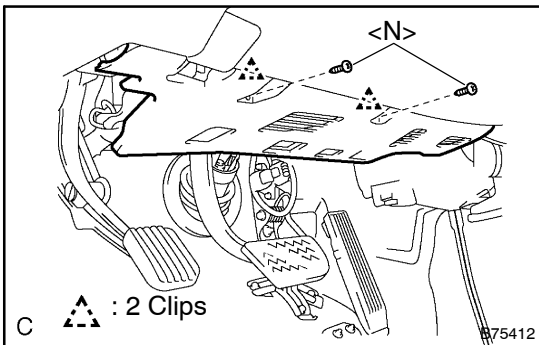
15. REMOVE INSTRUMENT CLUSTER FINISH PANEL END

- (a) Using a screwdriver, disengage the 2 claws and the clip and remove the instrument cluster finish panel center end.

HINT:

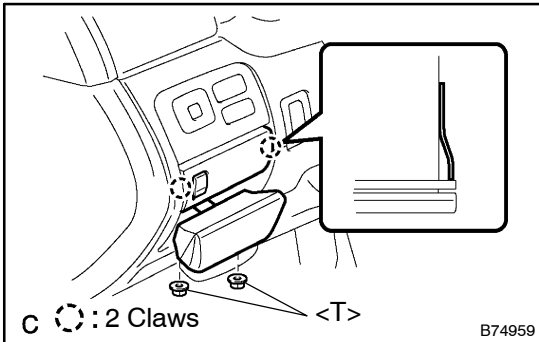
Tape up the screwdriver tip before use.

- (b) Disconnect the connector.



16. REMOVE INSTRUMENT PANEL UNDER COVER SUB-ASSY NO.1

- (a) Remove the 2 screws <N>.
- (b) Disengage the 2 clips and remove the instrument panel under cover sub-assy No.1.
- (c) Disconnect the connectors.



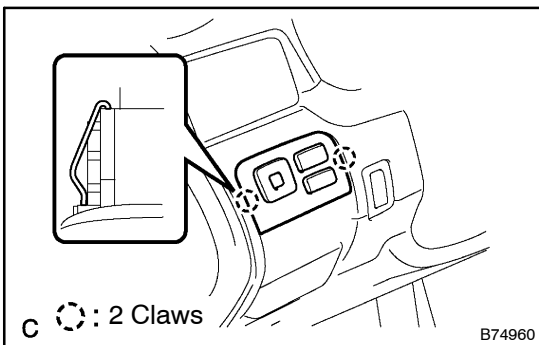
17. REMOVE COIN BOX ASSY (LHD STEERING POSITION TYPE)

- (a) Pull the parking brake and remove the 2 nuts <T> from the coin box assy.
- (b) Using a moulding remover, disengage the 2 claws and remove the coin box assy.

HINT:

- Use a screwdriver if a moulding remover is not available.
- Tape up the screwdriver tip before use.

- (c) Disconnect the connector.



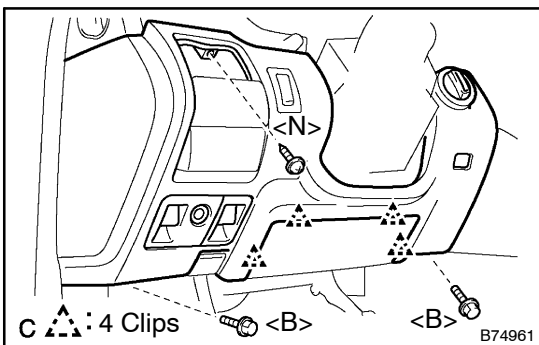
18. REMOVE OUTER MIRROR SWITCH ASSY

- (a) Using a moulding remover, disengage the 2 claws and remove the outer mirror switch assy.

HINT:

- Use a screwdriver if a moulding remover is not available.
- Tape up the screwdriver tip before use.

- (b) Disconnect the connectors.



19. REMOVE INSTRUMENT PANEL SAFETY PAD SUB-ASSY NO.1 (LHD STEERING POSITION TYPE)

- (a) Remove the 2 bolts and the screw <N>.
- (b) Remove the 2 bolts <D> and the hood lock control cable assy.
- (c) Disengage the 4 clips and remove the instrument panel safety pad sub-assy No.1.
- (d) Disconnect the connectors.

20. REMOVE SWITCH BASE HOLE COVER (RHD STEERING POSITION TYPE)

- (a) Using a moulding remover, remove the switch base hole cover.

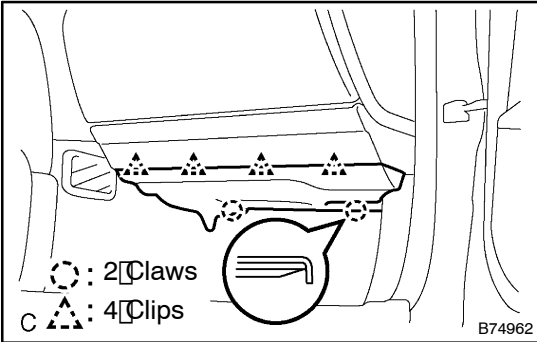
HINT:

- Use a screwdriver if a moulding remover is not available.
- Tape up the screwdriver tip before use.

21. REMOVE INSTRUMENT PANEL SAFETY PAD SUB-ASSY NO.1 (RHD STEERING POSITION TYPE)

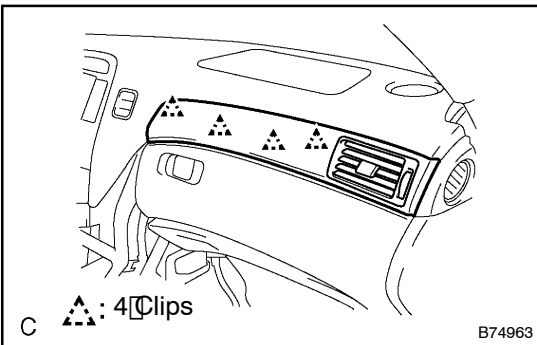
- (a) Remove the 2 bolts and the 2 screws <N>.
- (b) Remove the 2 bolts <D> and the hood lock control cable Assy.
- (c) Disengage the 4 clips and remove the instrument panel safety pad sub-assy No.1.
- (d) Disconnect the connectors.

22. REMOVE INSTRUMENT PANEL AIR BAG ASSY LOWER NO.1 (SEE PAGE 60-58)



23. REMOVE INSTRUMENT PANEL UNDER COVER SUB-ASSY NO.2

- (a) Disengage the 4 clips and the 2 claws and remove the instrument panel under cover sub-assy No.2.
- (b) Disconnect the connector.



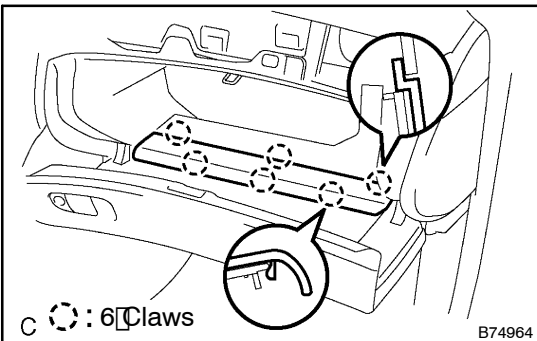
24. REMOVE INSTRUMENT PANEL GARNISH SUB-ASSY RH

- (a) Using a moulding remover, disengage the 4 clips and remove the instrument panel garnish sub-assy RH.

HINT:

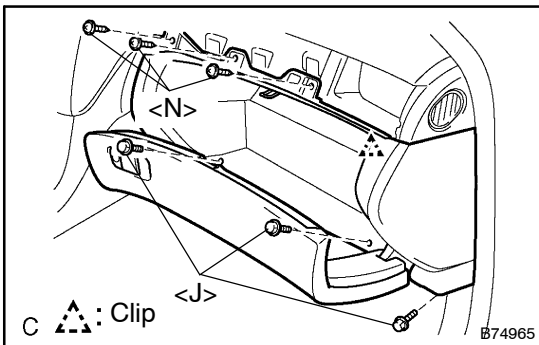
- Use a screwdriver if a moulding remover is not available.
- Tape up the screwdriver tip before use.

25. REMOVE GLOVE COMPARTMENT PLATE



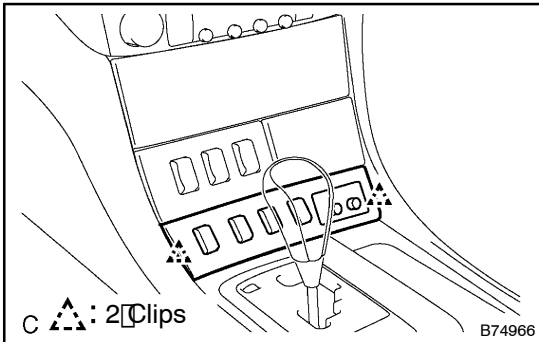
26. REMOVE GLOVE COMPARTMENT HOLE COVER

- (a) Disengage the 6 claws and remove the glove compartment hole cover.



27. REMOVE GLOVE COMPARTMENT DOOR ASSY W/INSTRUMENT PANEL AIRBAG ASSY LOWER NO.2

- Remove the 3 bolts <J> and the 3 screws <N>.
- Disengage the clip and remove the glove compartment door assy w/instrument panel airbag assy lower No.2.
- Disconnect the connectors.

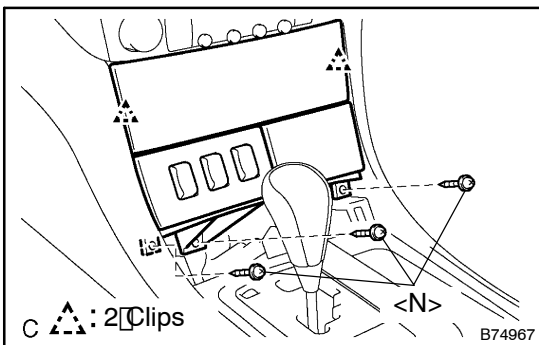


28. REMOVE INSTRUMENT PANEL FINISH PANEL LOWER CENTER

- Using a moulding remover, disengage the 2 clips and remove the instrument panel finish panel lower center.

HINT:

- Use a screwdriver if a moulding remover is not available.
 - Tape up the screwdriver tip before use.
- Disconnect the connector.



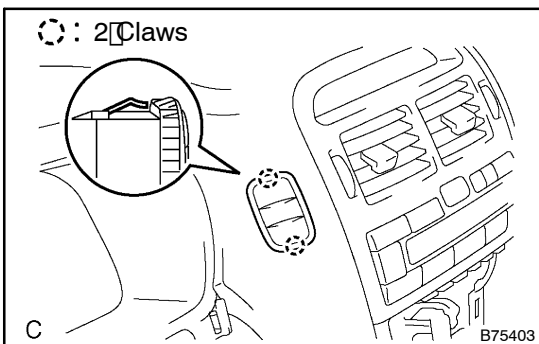
29. REMOVE PANEL INSTRUMENT CLUSTER FINISH LOWER

- Remove the 3 screws <N>.
- Using a moulding remover, disengage the 2 clips and remove the panel instrument cluster finish lower.

HINT:

- Use a screwdriver if a moulding remover is not available.
 - Tape up the screwdriver tip before use.
- Disconnect the connectors.

30. REMOVE RADIO RECEIVER ASSY W/BACKET (SEE PAGE 67-5)



31. REMOVE TEMPERATURE CONTROL SWITCH ASSY

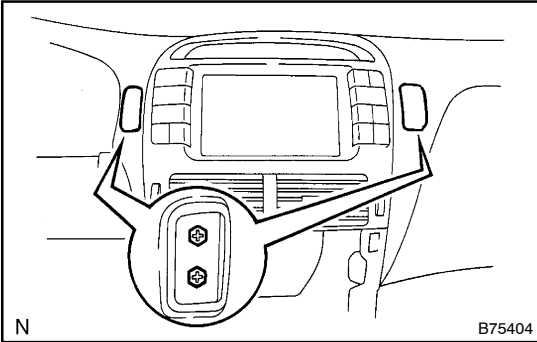
- Using a moulding remover, disengage the 2 claws and remove the temperature control switch assy.

HINT:

- Use a screwdriver if a moulding remover is not available.
 - Tape up the screwdriver tip before use.
- Disconnect the connector.

32. REMOVE TEMPERATURE CONTROL SWITCH ASSY

- Use the same procedure described in the prior step.



33. REMOVE INSTRUMENT CLUSTER FINISH PANEL SUB-ASSY CENTER (W/ LEXUS NAVIGATION SYSTEM)

- (a) Remove the 4 bolts.

HINT:

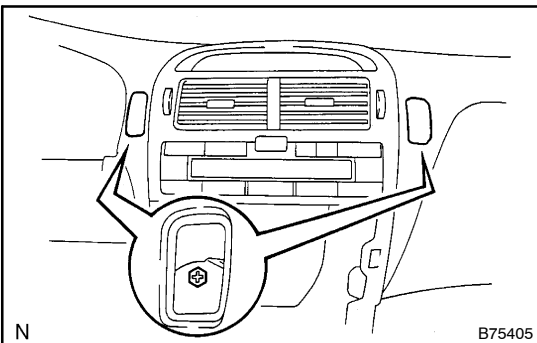
Be careful not to drop the bolts when removing them from the display.

- (b) Using a moulding remover, disengage the 4 clips and remove the instrument cluster finish panel sub-assy center.

HINT:

- Remove the multi-display together with instrument cluster finish panel sub-assy center.
- Use a screwdriver if a moulding remover is not available.
- Tape up the screwdriver tip before use.

- (c) Disconnect the connectors.



34. REMOVE INSTRUMENT CLUSTER FINISH PANEL SUB-ASSY CENTER (W/O LEXUS NAVIGATION SYSTEM)

- (a) Remove the 2 bolts.

HINT:

Be careful not to drop the bolts when removing them from the display.

- (b) Using a moulding remover, disengage the 4 clips and remove the instrument cluster finish panel sub-assy center.

HINT:

- Remove the multi-display together with instrument cluster finish panel sub-assy center.
- Use a screwdriver if a moulding remover is not available.
- Tape up the screwdriver tip before use.

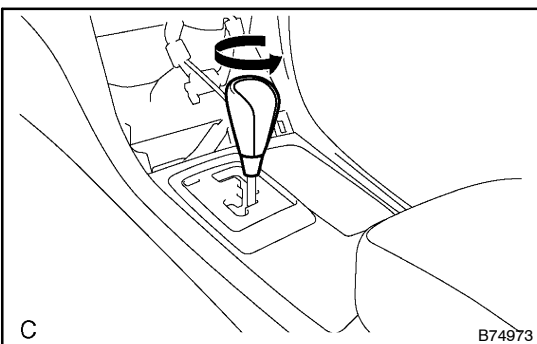
- (c) Disconnect the connectors.

35. REMOVE FRONT PILLAR GARNISH LH (SEE PAGE 76-52)

36. REMOVE FRONT PILLAR GARNISH RH (SEE PAGE 76-52)

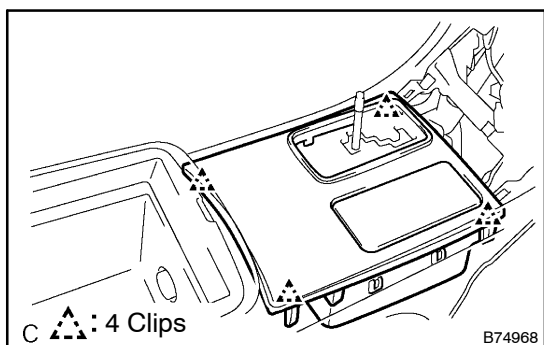
37. REMOVE FRONT DOOR SCUFF PLATE LH (SEE PAGE 76-52)

38. REMOVE FRONT DOOR SCUFF PLATE RH (SEE PAGE 76-52)



39. REMOVE SHIFT LEVER KNOB SUB-ASSY

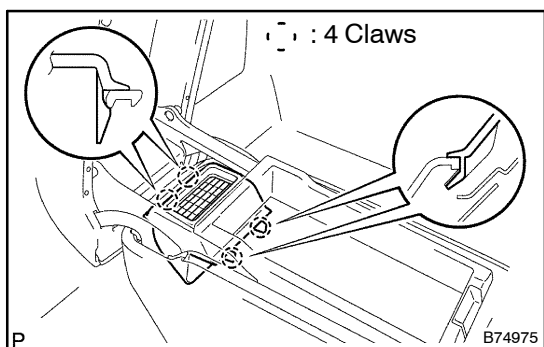
- (a) Turn the shift lever knob sub-assy counterclockwise and remove the shift lever knob sub-assy.

**40. REMOVE CONSOLE PANEL SUB-ASSY UPPER**

- (a) Using a moulding remover, disengage the 4 clips and remove the console panel sub-assy upper.

HINT:

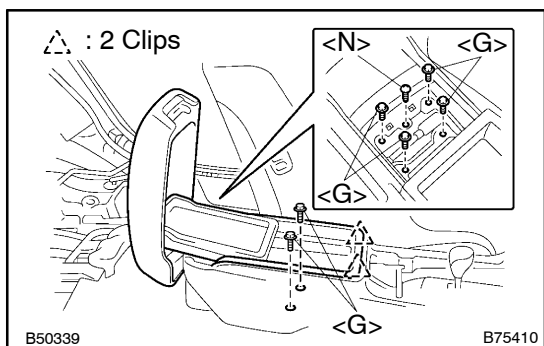
- Use a screwdriver if a moulding remover is not available.
 - Tape up the screwdriver tip before use.
- (b) Disconnect the connector.

**41. REMOVE CONSOLE UPPER REAR PANEL SUB-ASSY**

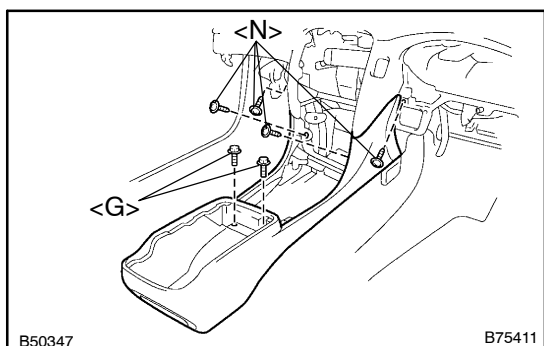
- (a) Using a screwdriver, disengage the 4 claws and remove the console upper rear panel sub-assy.

HINT:

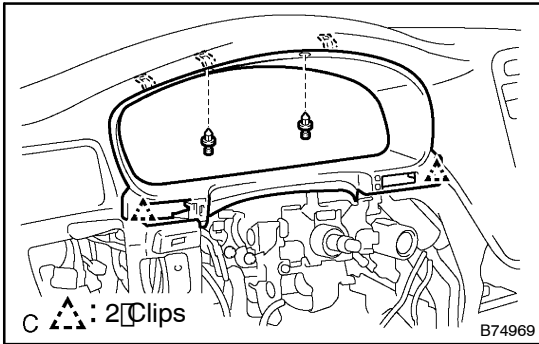
Tape up the screwdriver tip before use.

42. REMOVE CONSOLE BOX CARPET**43. REMOVE REAR CONSOLE ARMREST ASSY**

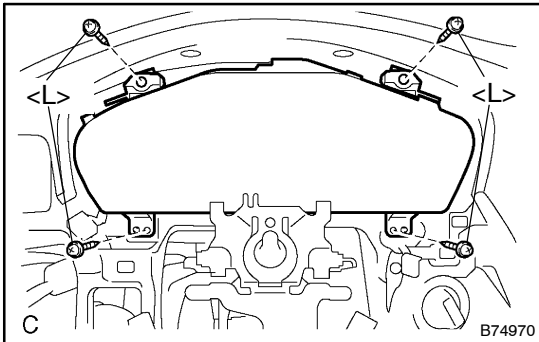
- (a) Remove the 2 bolts <G>.
- (b) Slide the inner tray forward and remove the 4 bolts <G> and the screw <N>.
- (c) Disconnect the connectors.
- (d) Disengage the 2 clips and remove the rear console armrest assy.

**44. REMOVE CONSOLE BOX**

- (a) Remove the 2 bolts <G> and the 4 screws <N>.
- (b) Disconnect the connector and remove the console box.



- 45. REMOVE INSTRUMENT CLUSTER FINISH PANEL**
- Remove the 2 clips.
 - Pull the instrument cluster finish panel away from the dash.
 - Disengage the 2 clips and remove the instrument cluster finish panel.



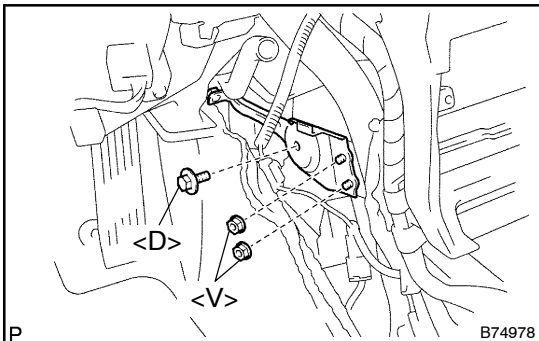
- 46. REMOVE COMBINATION METER ASSY**
- Remove the 4 screws <L>.
 - Disconnect the connector and remove the combination meter assy.

47. DISCONNECT STARTER W/SMART SWITCH ASSY (SEE PAGE 50-10)

48. REMOVE STEERING COLUMN ASSY (SEE PAGE 50-10)

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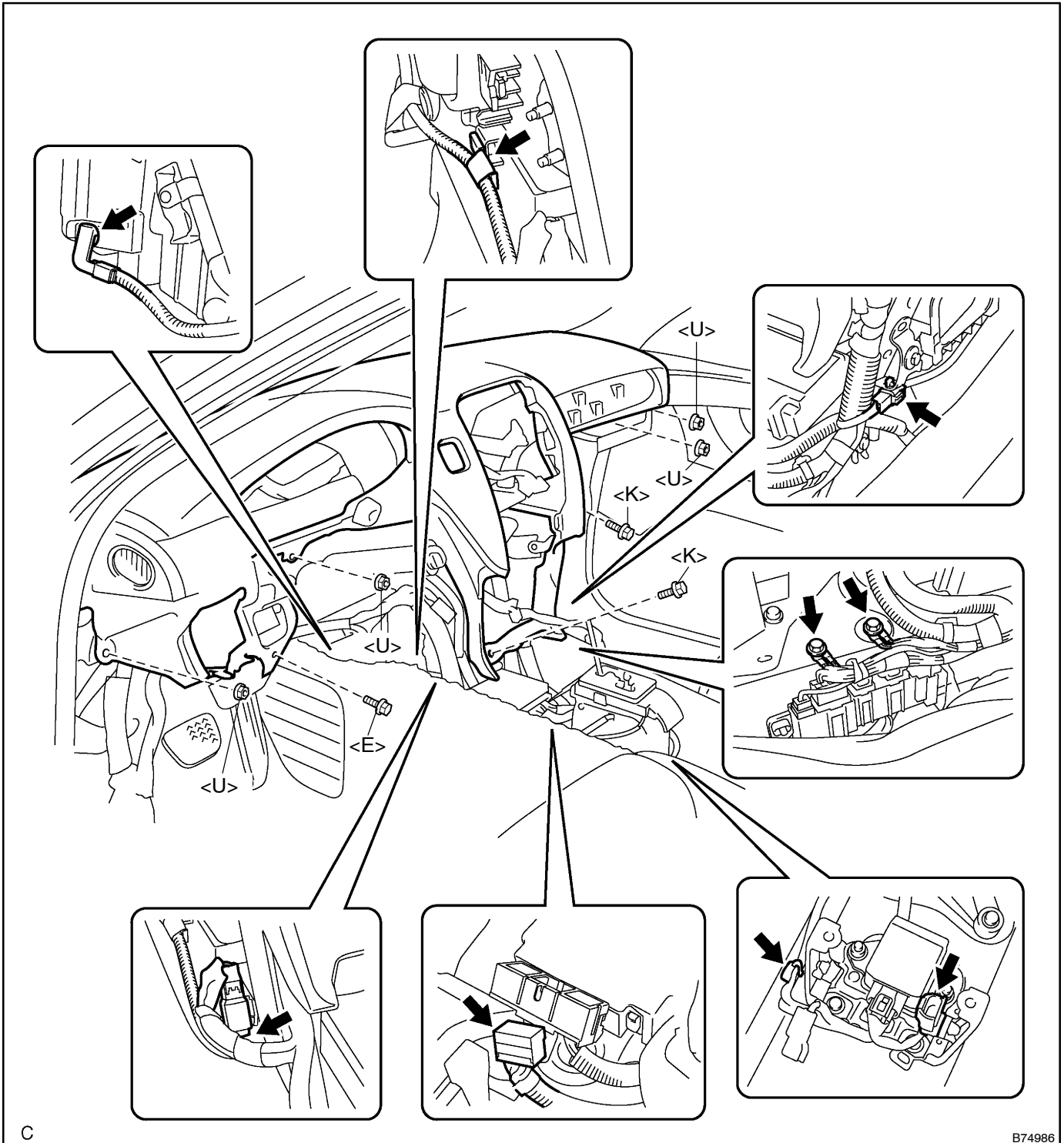
49. DISCONNECT PARKING BRAKE RELEASE CABLE SUB-ASSY (SEE PAGE 32-12)



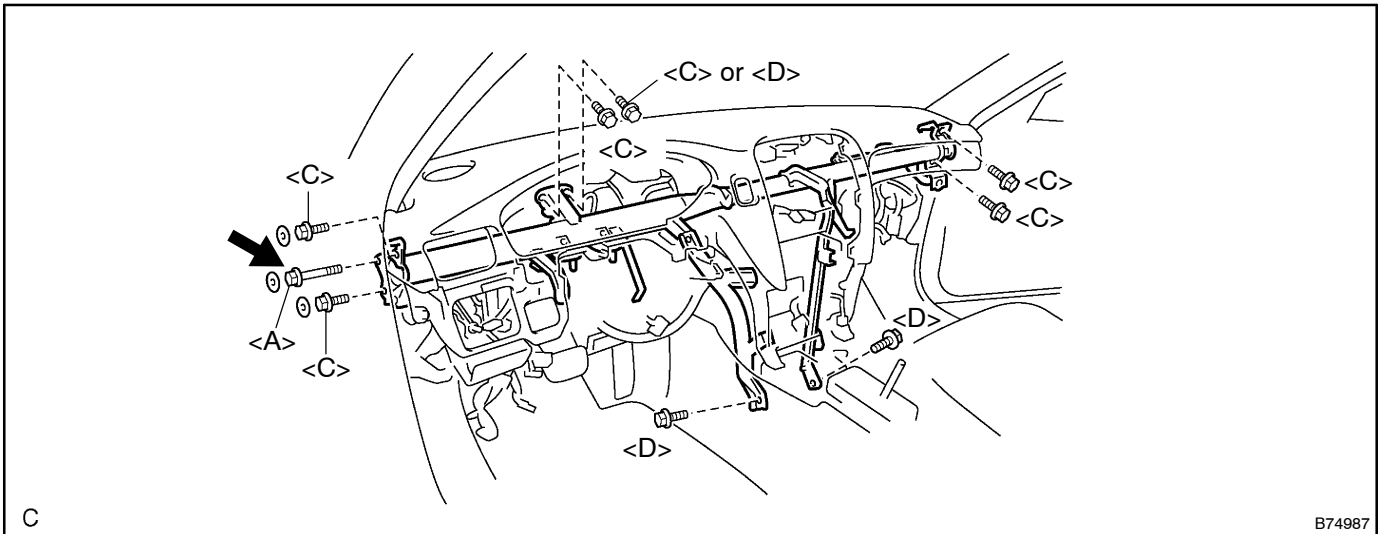
- 50. REMOVE INSTRUMENT PANEL PLATE**
- Remove the bolt <D>, the 2 nuts <V> and the instrument panel plate.

51. REMOVE INSTRUMENT PANEL SAFETY PAD SUB-ASSY W/REINFORCEMENT ASSY

- (a) Disconnect the connectors.
- (b) Disengage the clamps.
- (c) Remove the 2 earth bolts.
- (d) Remove the 3 bolts <E>, <K> and the 4 nuts <U>.
- (e) Disengage the instrument panel safety pad sub-assy from the reinforcement assy.



- (f) Remove the 8 bolts <C>, <D> and loosen the bolt <A> indicated by the arrow shown in the illustration.
- (g) Remove the instrument panel safety pad sub-assy w/ reinforcement assy.



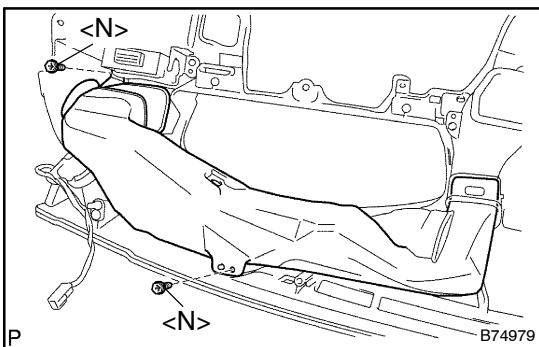
52. REMOVE INSTRUMENT PANEL WIRE

- (a) Remove the 8 screws <N>.
- (b) Disengage the clamps.
- (c) Remove the instrument panel wire.

53. REMOVE DEFROSTER NOZZLE ASSY

- (a) Remove the 3 screws <N>, the 2 clips and the defroster nozzle assy.

54. REMOVE INSTRUMENT PANEL REINFORCEMENT ASSY

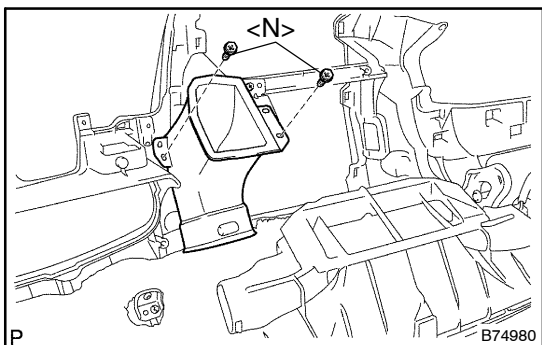


55. REMOVE HEATER TO REGISTER DUCT ASSY

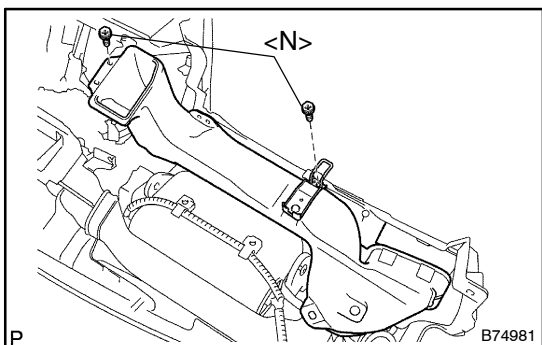
- (a) Remove the 2 screws <N> and the heater to register duct assy.

56. REMOVE NETWORK GATEWAY ECU

- (a) Remove the 2 screws <N> and network gateway ECU.

**57. REMOVE HEATER TO REGISTER DUCT NO.2**

- (a) Remove the 2 screws <N> and the heater to register duct No.2.

**58. REMOVE HEATER TO REGISTER DUCT NO.4**

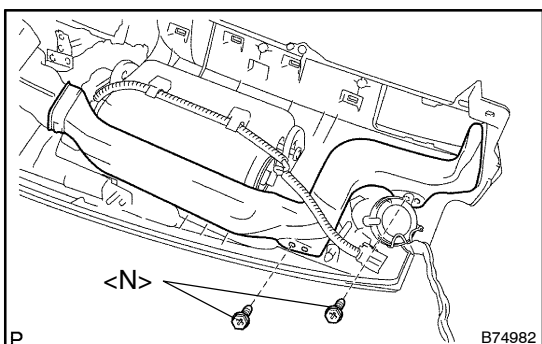
- (a) Remove the 2 screws <N> and the heater to register duct No.4.

59. REMOVE HEATER TO REGISTER DUCT NO.3 (W/ LEXUS NAVIGATION SYSTEM)

- (a) Remove the 2 screws <N> and the heater to register duct No.3.

60. REMOVE HEATER TO REGISTER DUCT NO.3 (W/O LEXUS NAVIGATION SYSTEM)

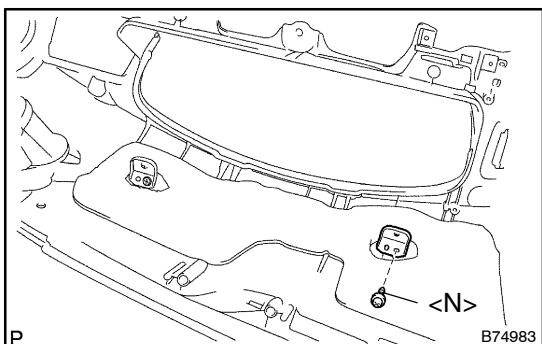
- (a) Remove the 3 screws <N> and the heater to register duct No.3.

**61. REMOVE SIDE DEFROSTER NOZZLE DUCT NO.2**

- (a) Remove the 2 screws <N> and the side defroster nozzle duct No.2.

62. REMOVE INSTRUMENT PANEL MOUNTING BRACKET NO.1

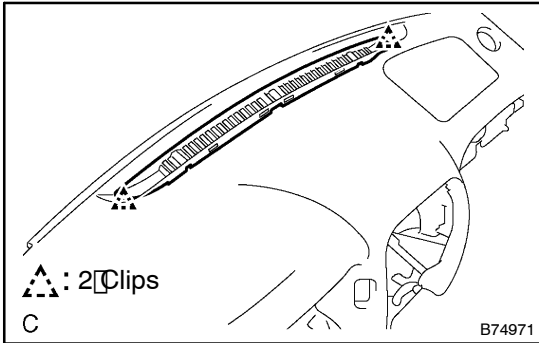
- (a) Remove the screw <N> and the instrument panel mounting bracket No.1.

**63. REMOVE METER HOOD RETAINER NO.1**

- (a) Remove the screw <N> and the meter hood retainer No.1.

64. REMOVE NAVIGATION ANTENNA ASSY (W/LEXUS NAVIGATION SYSTEM) (SEE PAGE 67-33)

65. REMOVE FRONT NO.2 SPEAKER ASSY (SEE PAGE 67-21)

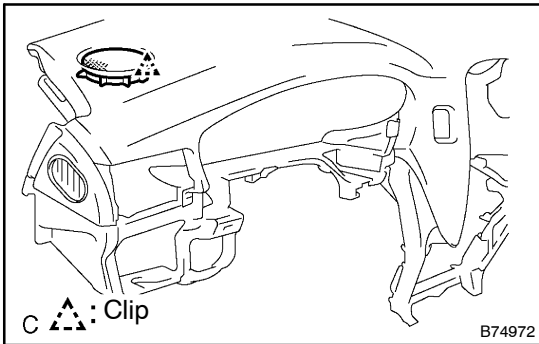


66. REMOVE DEFROSTER NOZZLE GARNISH NO. 1

(a) Using a moulding remover, disengage the 2 clips and remove the defroster nozzle garnish No. 1.

HINT:

- Use a screwdriver if a moulding remover is not available.
- Tape up the screwdriver tip before use.



67. REMOVE INSTRUMENT PANEL SPEAKER PANEL SUB-ASSY NO. 1

(a) Using a moulding remover, disengage the 2 clips and remove the instrument panel speaker panel sub-assy No. 1.

HINT:

- Use a screwdriver if a moulding remover is not available.
- Tape up the screwdriver tip before use.

68. REMOVE INSTRUMENT PANEL SPEAKER PANEL SUB-ASSY NO. 2

(a) Use the same procedure described in the prior step.

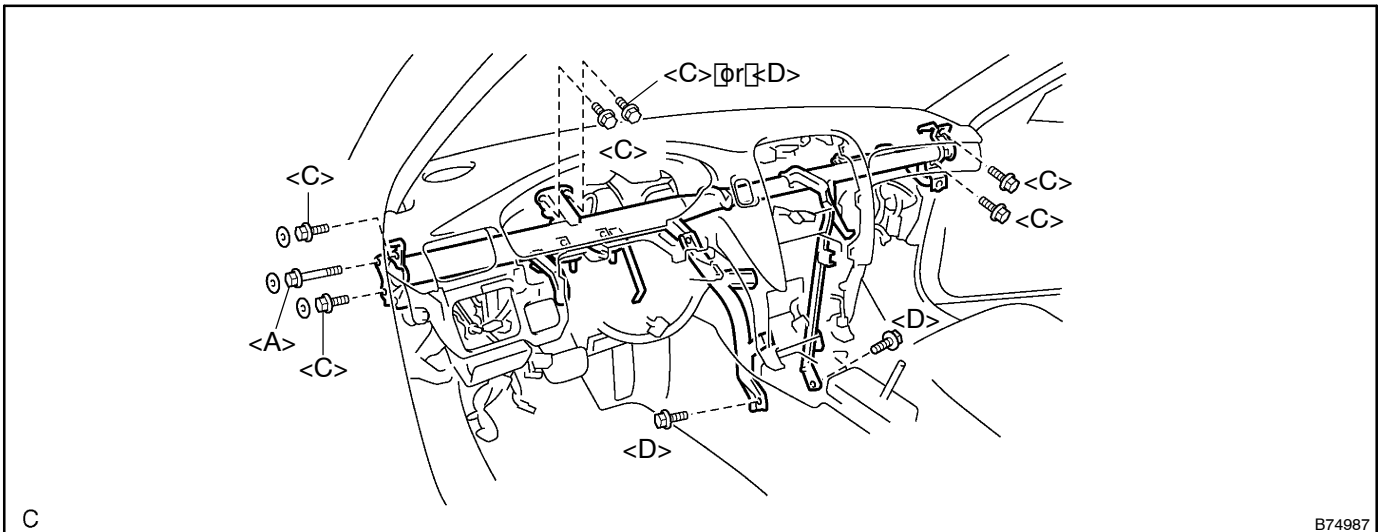
69. REMOVE FRONT PASSENGER AIRBAG ASSY CONNECTOR (SEE PAGE 60-35)

70. REMOVE INSTRUMENT PANEL SAFETY PAD SUB-ASSY

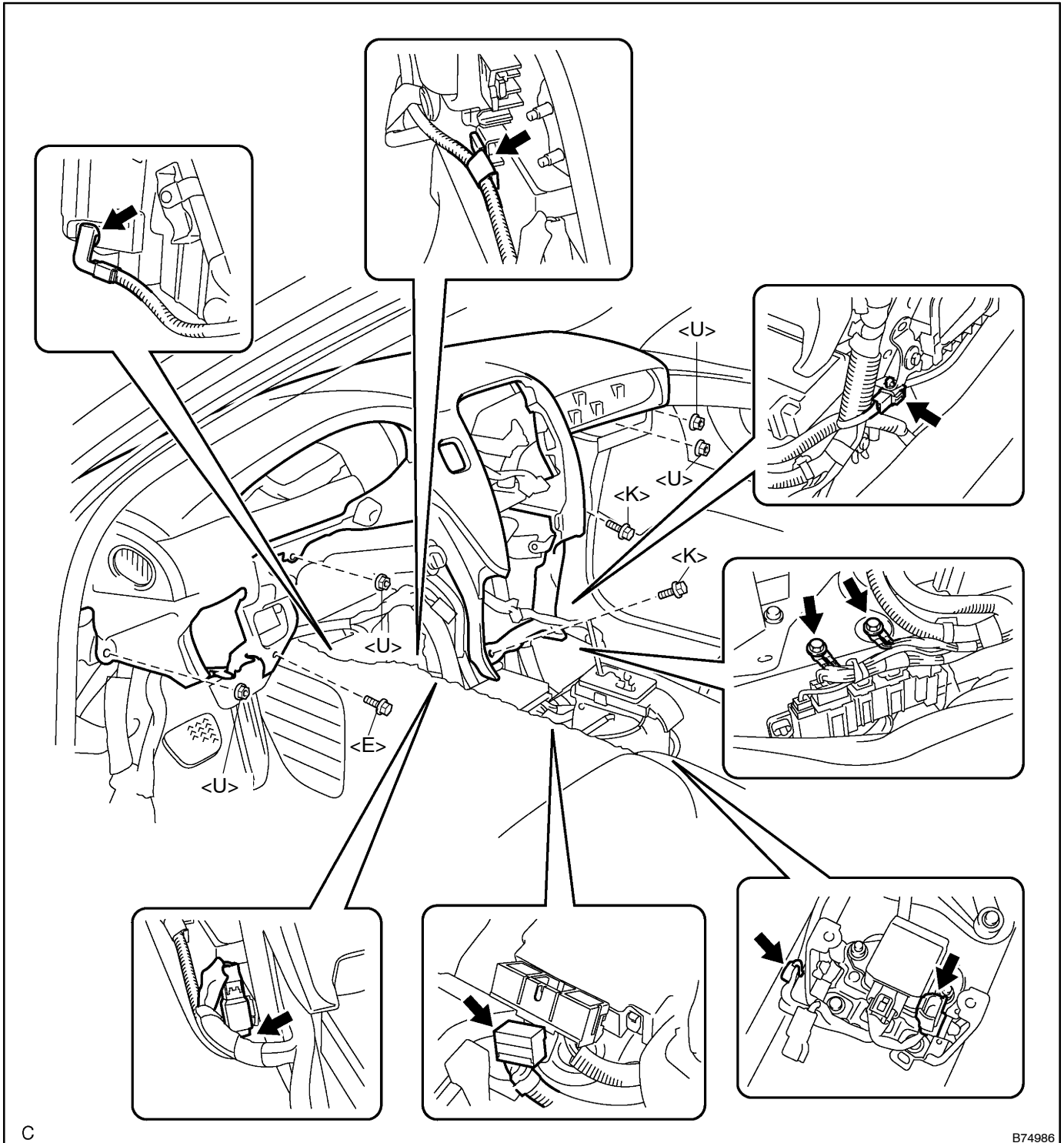
71. INSTALL FRONT PASSENGER AIRBAG ASSY CONNECTOR (SEE PAGE 60-35)

72. INSTALL INSTRUMENT PANEL SAFETY PAD SUB-ASSY W/REINFORCEMENT ASSY

(a) Install the instrument panel safety pad sub-assy w/ reinforcement assy with the 9 bolts <A>, <C>, <D>. Torque: 20 N·m (204 kgf·cm, 15 ft·lbf)

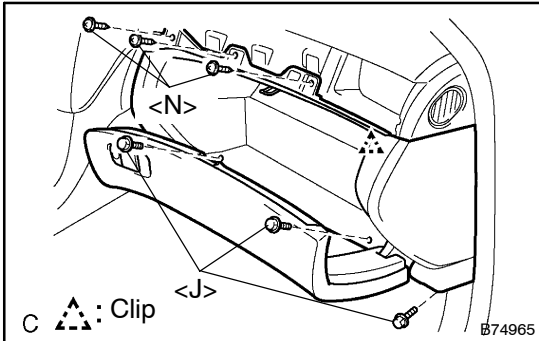


- (b) Install the instrument panel safety pad sub-assy w/ reinforcement assy with the 3 bolts <E>, <K> and the 4 nuts <U>.
- (c) Install the 2 earth bolts.
- (d) Connect the connectors.
- (e) Engage the clamps.



73. INSTALL STEERING COLUMN ASSY (SEE PAGE 50-10)

SST 09921-00010

**74. INSTALL GLOVE COMPARTMENT DOOR ASSY W/INSTRUMENT PANEL AIRBAG ASSY LOWER NO.2**

- (a) Connect the connectors.
- (b) Engage the clip and install the glove compartment door assy w/instrument panel airbag assy lower No.2 with the 3 bolts <J> and the 3 screws <N>.

Torque: 10 N·m (102 kgf·cm, 7 ft·lbf)**75. INSTALL SPIRAL CABLE SUB-ASSY (SEE PAGE 60-31)****76. CENTER SPIRAL CABLE (SEE PAGE 60-31)****77. INSTALL STEERING WHEEL ASSY (SEE PAGE 50-10)****78. STEERING WHEEL CENTER POINT****79. INSTALL HORN BUTTON ASSY (SEE PAGE 50-10)****80. CONNECT BATTERY NEGATIVE TERMINAL****81. INSPECT HORN BUTTON ASSY (SEE PAGE 60-22)****82. INSPECT SRS WARNING LIGHT (SEE PAGE 05-954)****83. PERFORM INITIALIZATION (SEE PAGE 01-20)**