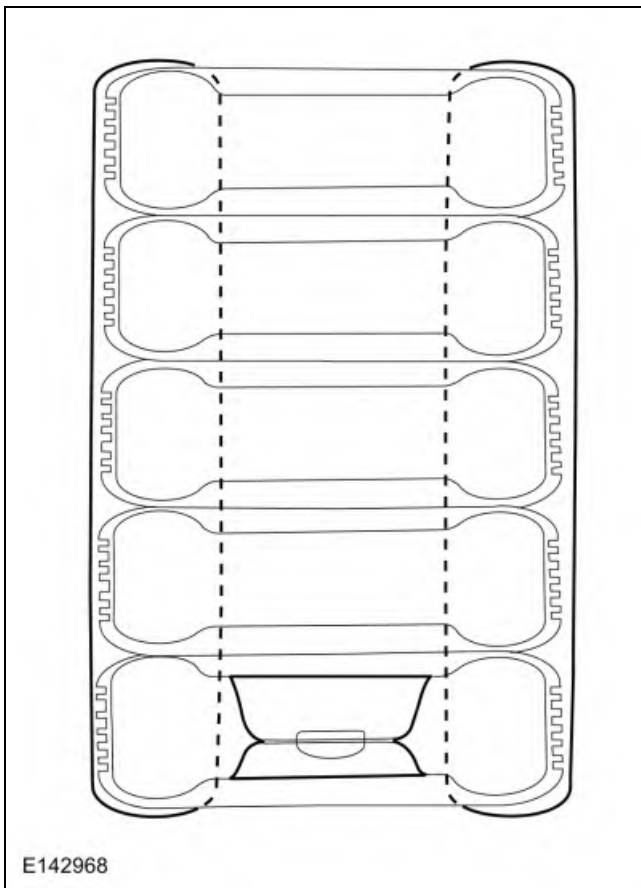
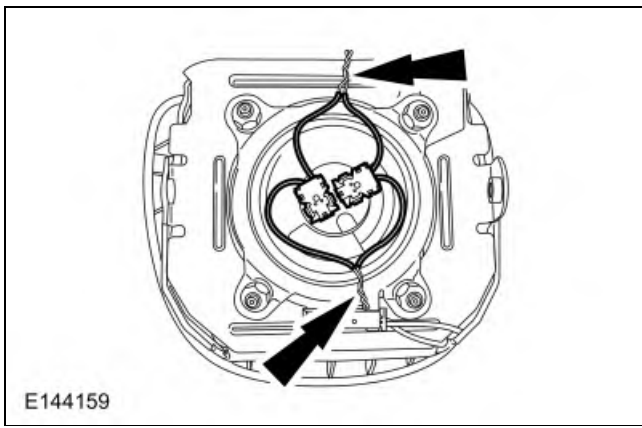


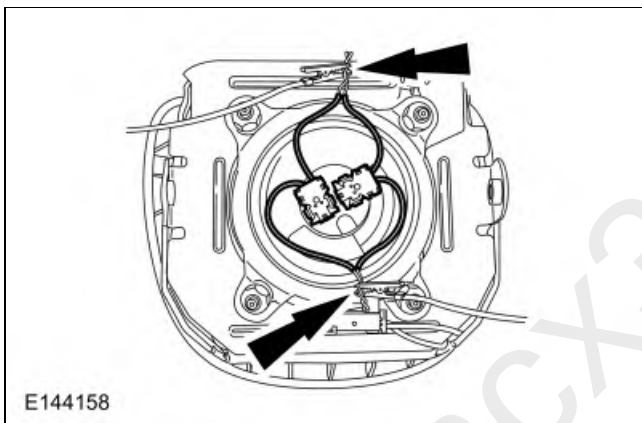


19. Depower the SRS
Refer to: Supplemental Restraint System (SRS) Depowering (501-20B Supplemental Restraint System, General Procedures).
20. Remove the airbag. Refer to the appropriate procedure in this section.
21. If the airbag does not have a hard-wired pigtail:
 - For vehicles being scrapped, cut each of the airbag wires near the electrical connector that connects to the vehicle wire harness.
 - For vehicles not being scrapped, acquire the appropriate wiring pigtail kit. REFER to the Wiring Diagrams manual.
22. Remove any sheathing (if present) and strip the insulation from the ends of the cut wires.
23. **NOTE:** *Typical driver airbag with 2 loops shown, other airbags with multiple loops or multiple features (canister vent, active tether) similar.*

For airbags with multiple loops, twist together a wire from each loop then repeat for the remaining wires from each loop.

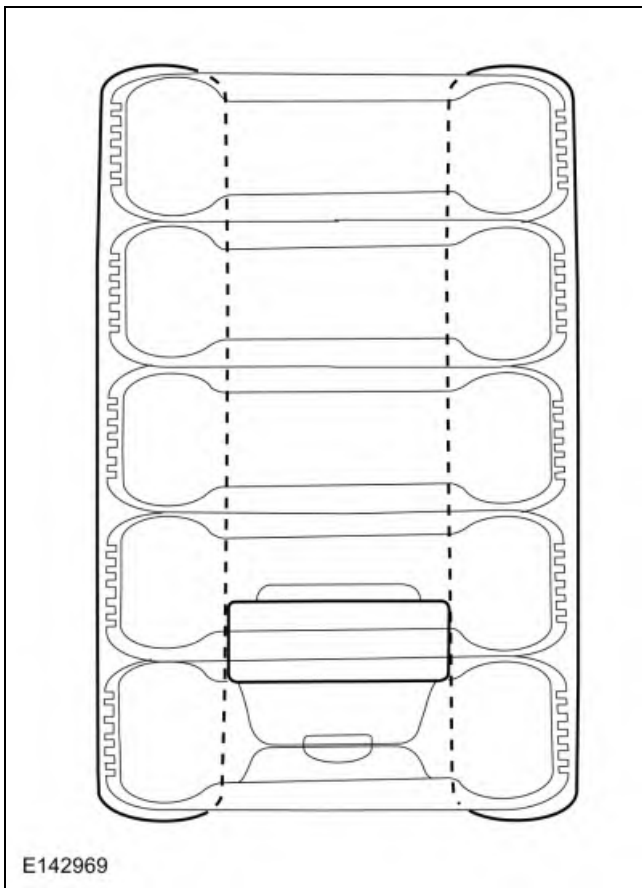


- 24.
- Make a jumper harness to deploy the airbag module by obtaining 2 wires (20 gauge minimum) at least 9.14 m (30 ft).
 - At one end of the jumper harness, connect the wires together.
25. Using the end of the jumper harness where the wires are not connected together, attach each wire of the jumper harness to each wire of the airbag or to the twisted-together wires if multiple loops. Use tape or other insulating material to make sure the leads do not make contact with each other.



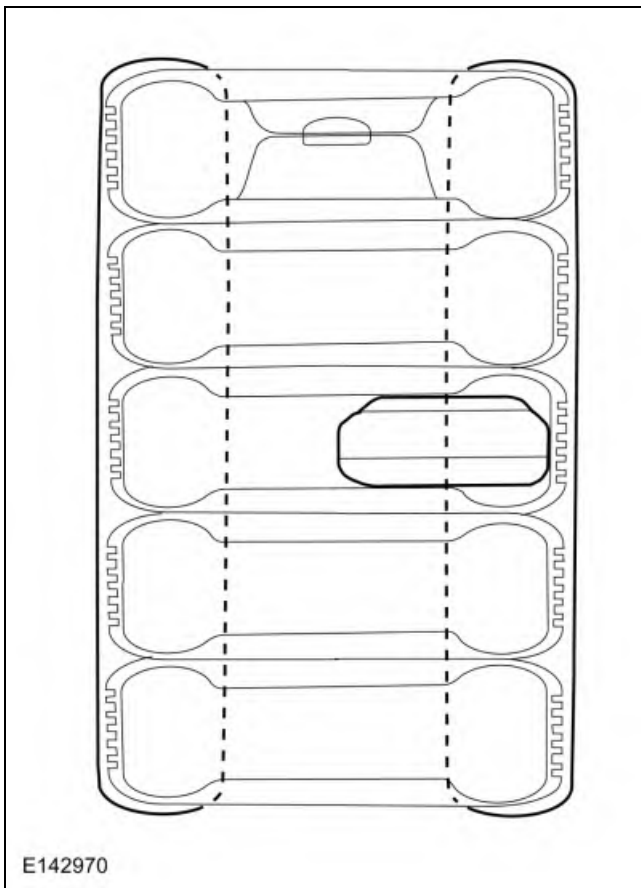
26. **NOTE:** Make sure the airbag connections are maintained.

For driver airbags, with the stack of tires upright and the wheel on the bottom, carefully place the driver airbag, with the trim cover facing up, on the wheel.



27. **NOTE:** Make sure the airbag connections are maintained.

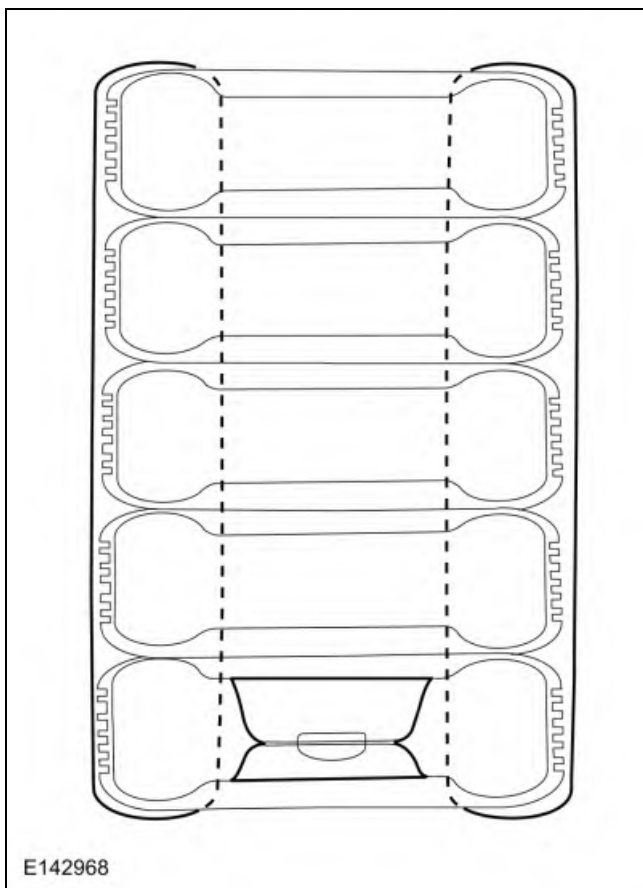
- For passenger, knee and seat side airbags, tip the stack of tires on its side.
- Place the airbag inside the center tire, making sure that there are 2 tires beneath the tire containing the airbag and 2 tires (including the tire and wheel assembly) above the tire containing the airbag.
- Place the tire stack upright, with the wheel on top.



28. Remain at least 9.14 m (30 ft) away from the airbag.
29. From the end of the jumper harness that is not connected to the airbag, disconnect the 2 wires of the jumper harness from each other.
30. Deploy the airbag by touching the ends of the 2 wires of the jumper harness to the terminals of a 12-volt battery.
31. To allow for cooling, wait at least 10 minutes before approaching the deployed airbag.
32. Dispose of the deployed airbag in the same manner as any other part to be scrapped.

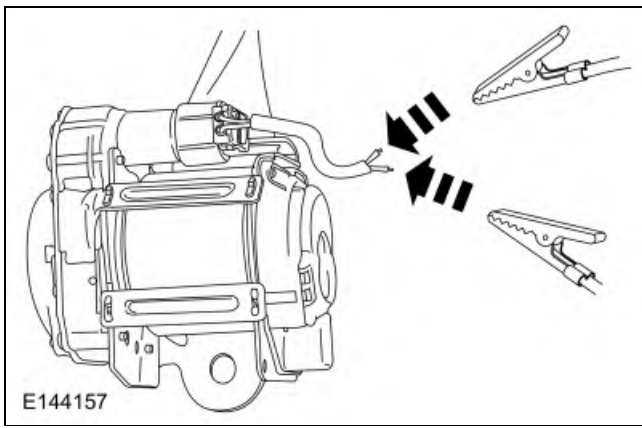
Seatbelt Anchor-Buckle-Retractor Pretensioners, Adaptive Load Limiting Retractors and Seatbelt Inflators - Remote Deployment

33.
 - **NOTE:** *The tires must be of sufficient size to accommodate the seatbelt anchor, buckle, retractor or inflator.*
 - Obtain a tire and wheel assembly and 4 additional tires (without wheels) of the same size.
 - With the tire and wheel assembly on the bottom, stack the tires.
 - Securely tie all of the tires together.



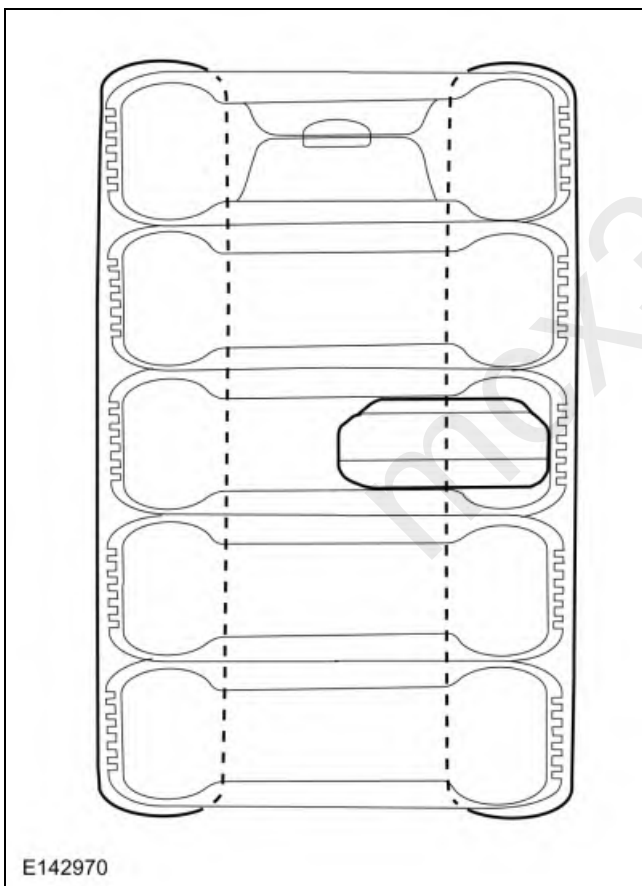
34. Depower the SRS.
Refer to: Supplemental Restraint System (SRS) Depowering (501-20B Supplemental Restraint System, General Procedures).
35. Remove the seatbelt anchor, buckle, retractor or inflator. Refer to the appropriate procedure in the seatbelt system section.
36. If the seatbelt anchor, buckle, retractor or inflator does not have a hard-wired pigtail, cut each of the wires near the electrical connector that connects to the vehicle wire harness.
37. When deploying a seatbelt buckle pretensioner, install a nut and bolt of sufficient length and the same diameter used to retain it to the seat.
38. Remove any sheathing (if present) and strip the insulation from the ends of the cut wires.
39.
 - Make a jumper harness to deploy the seatbelt anchor, buckle, retractor or inflator by obtaining 2 wires (20 gauge minimum) at least 9.14 m (30 ft).
 - At one end of the jumper harness, connect the wires together.
40. **NOTE:** *Typical seatbelt retractor pretensioner shown, other seatbelt anchor pretensioners, buckle pretensioners, load-limiting retractors and seatbelt inflators similar.*

Using the end of the jumper harness where the wires are not connected together, attach each wire of the jumper harness to each wire of the seatbelt anchor, buckle, retractor or inflator. Use tape or other insulating material to make sure the leads do not make contact with each other.



41. **NOTE:** Make sure the airbag connections are maintained.

- Tip the stack of tires on its side.
- Place the seatbelt anchor, buckle, retractor or inflator inside the center tire, making sure that there are 2 tires beneath the tire containing the airbag and 2 tires (including the tire and wheel assembly) above the tire containing the airbag.
- Place the tire stack upright, with the wheel on top.



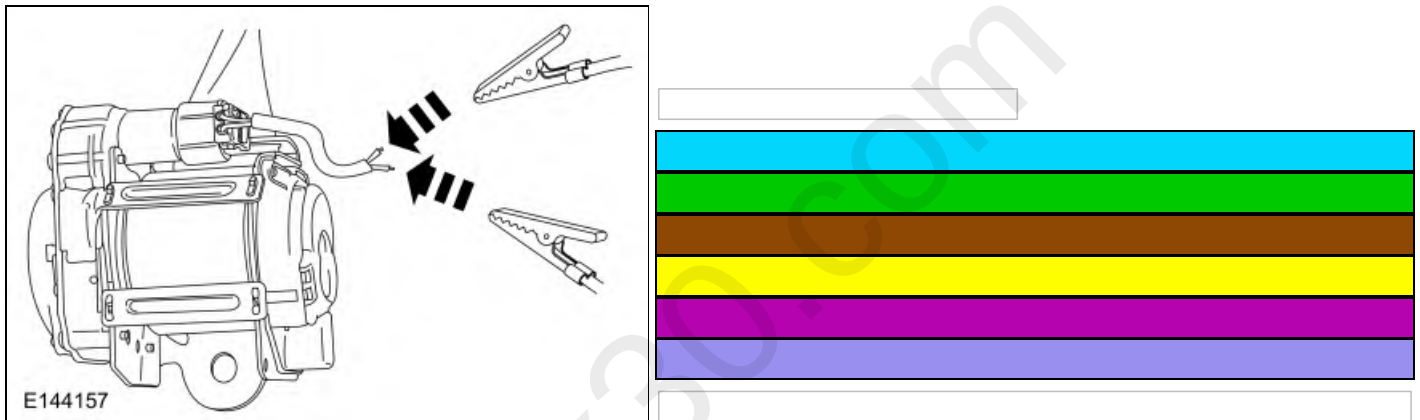
- Remain at least 9.14 m (30 ft) away from the seatbelt anchor, buckle, retractor or inflator.
- From the end of the jumper harness that is not connected to the seatbelt anchor, buckle, retractor or inflator, disconnect the 2 wires of the jumper harness from each other.
- Deploy the seatbelt anchor, buckle, retractor or inflator by touching the ends of the 2 wires of the jumper harness to the terminals of a 12-volt battery.
- To allow for cooling, wait at least 10 minutes before approaching the deployed seatbelt anchor, buckle, retractor or inflator.

46. Dispose of the deployed seatbelt anchor, buckle, retractor or inflator in the same manner as any other part to be scrapped.

Seatbelt Anchor-Buckle-Retractor Pretensioners, and Adaptive Load Limiting Retractors - In-Vehicle Deployment

47. Depower the SRS
Refer to: Supplemental Restraint System (SRS) Depowering (501-20B Supplemental Restraint System, General Procedures).
48. Access the seatbelt anchor, buckle or retractor electrical connectors. Refer to the appropriate procedure in the seatbelt system section.
49. Cut each of the seatbelt anchor, buckle or retractor wires, leaving at least 101.6 mm (4 in) to work with.
50. Remove any sheathing (if present) and strip the insulation from the ends of the cut wires.
- 51.
- Make a jumper harness to deploy the seatbelt anchor, buckle or retractor by obtaining 2 wires (20 gauge minimum) at least 9.14 m (30 ft).
 - At one end of the jumper harness, connect the wires together.
52. **NOTE:** Typical seatbelt retractor pretensioner shown, other seatbelt anchor pretensioners, buckle pretensioners and load-limiting retractors are similar.

Using the end of the jumper harness where the wires are not connected together, attach each wire of the jumper harness to each wire of the seatbelt anchor, buckle or retractor. Use tape or other insulating material to make sure the leads do not make contact with each other.



53. Remain at least 9.14 m (30 ft) away from the seatbelt anchor, buckle or retractor.
54. Remain at least 9.14 m (30 ft) away from the seatbelt anchor, buckle, retractor or inflator.
55. From the end of the jumper harness that is not connected to the seatbelt anchor, buckle or retractor, disconnect the 2 wires of the jumper harness from each other.
56. Deploy the seatbelt anchor, buckle or retractor by touching the ends of the 2 wires of the jumper harness to the terminals of a 12-volt battery.
57. To allow for cooling, wait at least 10 minutes before approaching the deployed seatbelt anchor, buckle or retractor.
58. Dispose of the deployed seatbelt anchor, buckle or retractor in the same manner as any other part to be scrapped.

Safety Canopy® and Side Air Curtains - In-Vehicle Deployment

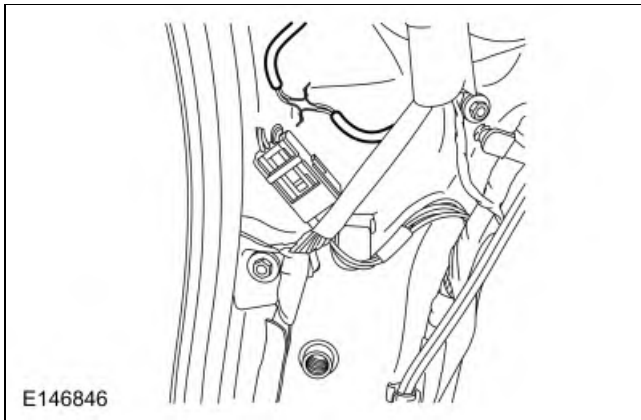
NOTE: The Safety Canopy® deployment for a scrapped vehicle occurs in its installed position in the vehicle.

NOTE: A typical Safety Canopy® disposal is shown.

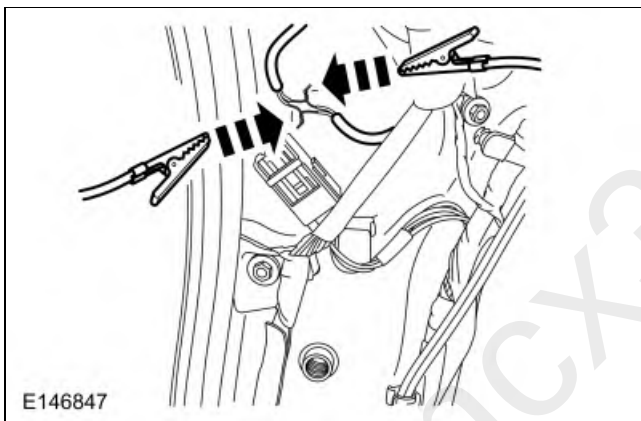
59. Depower the SRS
Refer to: Supplemental Restraint System (SRS) Depowering (501-20B Supplemental Restraint System, General Procedures).
60. Access the Safety Canopy® /side air curtain electrical connectors. For additional information, refer to the appropriate procedure in this section.
61. Cut each of the Safety Canopy® /side air curtain wires, leaving at least 101.6 mm (4 in) to work with.
62. Remove any sheathing (if present) and strip the insulation from the ends of the cut wires.
63. **NOTE:** Typical Safety Canopy® /side air curtain with 2 loops shown, other Safety Canopy® /side air curtains with 2 loops are

similar.

For Safety Canopy® /side air curtains with multiple loops, twist together a wire from each loop then repeat for the remaining wires from each loop.



- 64.
- Make a jumper harness to deploy the Safety Canopy® /side air curtains by obtaining 2 wires (20 gauge minimum) at least 9.14 m (30 ft).
 - At one end of the jumper harness, connect the wires together.
65. Using the end of the jumper harness where the wires are not connected together, attach each wire of the jumper harness to each wire of the Safety Canopy® /side air curtain or to the twisted-together wires if multiple loops. Use tape or other insulating material to make sure the leads do not make contact with each other.



66. From the end of the jumper harness that is not connected to the Safety Canopy® /side air curtain, disconnect the 2 wires of the jumper harness from each other.
67. Deploy the Safety Canopy® /side air curtain by touching the ends of the 2 wires of the jumper harness to the terminals of a 12-volt battery.
68. To allow for cooling, wait at least 10 minutes before approaching the deployed Safety Canopy® /side air curtain.
69. Dispose of the deployed Safety Canopy® /side air curtain in the same manner as any other part to be scrapped.

Deployable Steering Column - In-Vehicle Deployment

70. Depower the SRS
Refer to: Supplemental Restraint System (SRS) Depowering (501-20B Supplemental Restraint System, General Procedures).
71. **NOTE:** It may be necessary to lower or remove the deployable steering column from the instrument panel to access the deployable steering column electrical connector.

Access the deployable steering column electrical connector.
72. **NOTE:** If the deployable steering column does not have a hard-wired pigtail, cut the wires and connector(s) from the vehicle wire harness and reconnect to the deployable steering column.

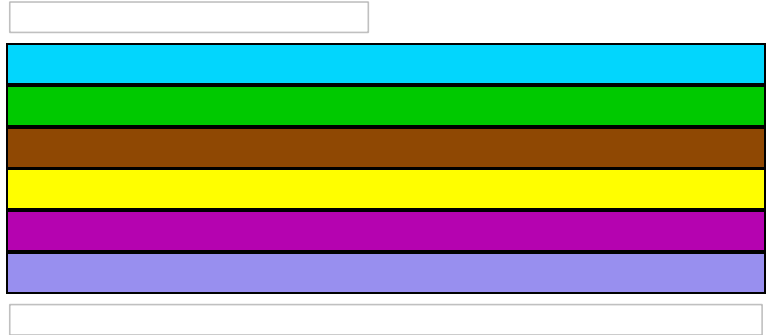
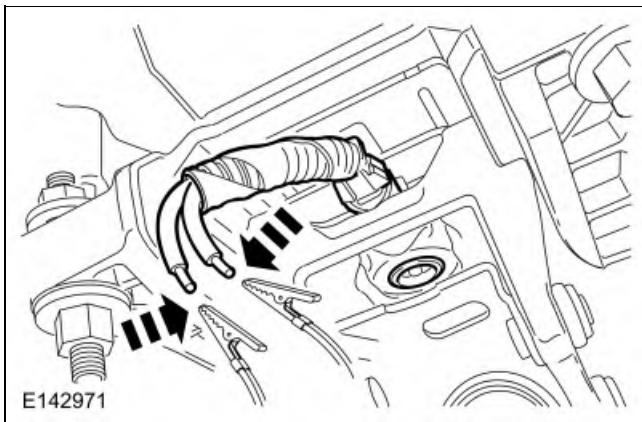
Cut each of the deployable steering column wires, leaving at least 101.6 mm (4 in) to work with.

73. Remove any sheathing (if present) and strip the insulation from the ends of the cut wires.

74.

- Make a jumper harness to deploy the deployable steering column by obtaining 2 wires (20 gauge minimum) at least 9.14 m (30 ft).
- At one end of the jumper harness, connect the wires together.

75. Using the end of the jumper harness where the wires are not connected together, attach each wire of the jumper harness to each wire of the deployable steering column. Use tape or other insulating material to make sure the leads do not make contact with each other.



76. Remain at least 9.14 m (30 ft) away from the deployable steering column.

77. From the end of the jumper harness that is not connected to the deployable steering column, disconnect the 2 wires of the jumper harness from each other.

78. Deploy the deployable steering column by touching the ends of the 2 wires of the jumper harness to the terminals of a 12-volt battery.

79. To allow for cooling, wait at least 10 minutes before approaching the deployed steering column.

80. Dispose of the deployed steering column in the same manner as any other part to be scrapped.

Supplemental Restraint System (SRS) Depowering

Depower

⚠ **WARNING:** Incorrect repair techniques or actions can cause an accidental Supplemental Restraint System (SRS) deployment. Never compromise or depart from these instructions. Failure to precisely follow all instructions could result in serious personal injury from an accidental deployment.

1. ⚠ **WARNING:** Before beginning any service procedure in this manual, refer to health and safety warnings in section 100-00 General Information. Failure to follow this instruction may result in serious personal injury.

Refer to: Health and Safety Precautions (100-00 General Information, Description and Operation).

2. Determine if a SRS fault is present. Turn the ignition OFF and wait 10 seconds, then turn the ignition ON and monitor the airbag warning indicator. The airbag warning indicator illuminates continuously for approximately 6 seconds and then turns off. Continue to monitor the airbag warning indicator for approximately 30 seconds as this is the time required for the RCM to complete testing of the SRS.
3.
 - If a SRS fault is present the airbag warning indicator either fails to light, remains lit continuously or flashes. The flashing may not occur until approximately 30 seconds after the ignition has been turned from OFF to ON. If this occurs, diagnose and repair any SRS faults before proceeding with other repairs.
 - If after the ignition has been turned ON for 30 seconds the airbag warning indicator remains unlit with no chime or SRS message displayed in the message center, no SRS fault is present.
 - If the airbag warning indicator is inoperative and a SRS fault exists, a chime sounds in a pattern of 5 sets of 5 beeps or a message displays in the message center. If this occurs, diagnose and repair the airbag warning indicator and any SRS faults before proceeding with other repairs.

No SRS Fault Present (with ignition ON, airbag warning indicator stays off after prove out)

4. ⚠ **WARNING:** Turn the ignition OFF and wait one minute to deplete the backup power supply. Ignition must remain OFF until repair is complete. Failure to follow this instruction may result in serious personal injury or death in the event of an accidental deployment.

Turn the ignition OFF and wait one minute before continuing vehicle service.

SRS Fault Present

5. Turn the ignition OFF.
6. Remove the RCM fuse or if equipped, BECMB fuse(s). Refer to Wiring Diagram Cell 11/Section 700-01 for fuse and relay information.
7. For a vehicle equipped with a 3 blade BECMB/ GWM fuse, install a 2 blade 10A fuse at the GWM position to allow the scan tool to communicate with the vehicle network.
8. Turn the ignition ON.
9. Using a diagnostic scan tool, carry out a Network Test. Verify that the RCM and, if equipped, BECMB does not respond to the Network Test. If the RCM or BECMB pass the Network Test, remove the correct RCM or BECMB fuse and repeat the Network Test to verify before proceeding.
10. Turn the ignition OFF.
11. Disconnect the battery.
Refer to: Battery Disconnect and Connect (414-01 Battery, Mounting and Cables, General Procedures).
12. Wait at least one minute before continuing vehicle service.

