AIR BAG WARNING LIGHT ILLUMINATED WITH DIAGNOSTIC TROUBLE CODE (DTC) B141B AND/OR B141C	TSB 15-0113

FORD:

2014-2016 Explorer

ISSUE

Some 2014-2016 Explorer vehicles equipped with second row inflatable seat belts may exhibit an air bag warning light illuminated with DTC B141B and/or B141C.

ACTION

Follow the Service Procedure steps to correct the condition.

SERVICE PROCEDURE

1. Fold both of the second row seats forward to gain access to connectors C3133 and C3134.
2. Remove the seat bottom covers from both sides. Refer to Workshop Manual (WSM), Section 501-10.
3. On the left and right side, disconnect the connectors and remove the connector and wiring harness pushpin from its mounting on the seat frames.
4. On both sides, follow the seat harness and locate the next harness retaining pushpin and remove it from its mounting position to allow for more harness movement. Cut and discard the protruding end of the pushpin. (Figure 1)

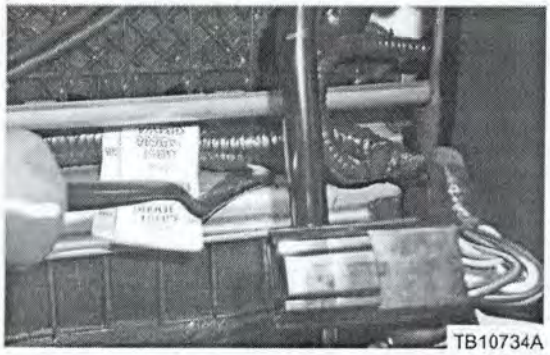

Figure 1 - Article 15-0113

5. On the male side of both connectors where the wiring harness is taped to the harness pushpin retainers, remove the retaining tape and the harness pushpin. Discard the pushpin. (Figure 2)

NOTE: The information contained in Technical Service Bulletins is intended for use by trained, professional technicians with the knowledge, tools, and equipment to do the job properly and safely. It informs these technicians of conditions that may occur on some vehicles, or provides information that could assist in proper vehicle service.The procedures should not be performed by "do-it-yourselfers". Do not assume that a condition described affects your car or truck. Contact a Ford, Lincoln, or Mercury dealership to determine whether the bulletin applies to your vehicle. Warranty Policy and Extended Service Plan documentation determine Warranty and/or Extended Service Plan coverage unless stated otherwise in the TSB article.The information in this Technical Service Bulletin (TSB) was current at the time of printing. Ford Motor Company reserves the right to supercede this information with updates.The most recent information is available through Ford Motor Company's on-line technical resources.

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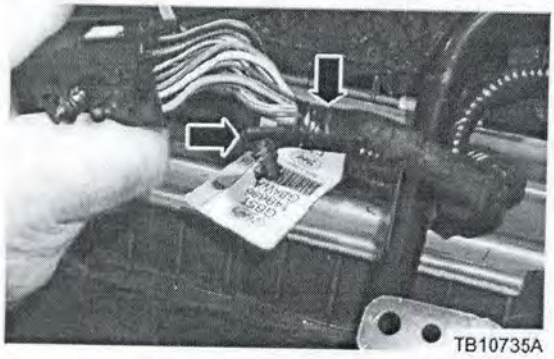

Figure 2 - Article 15-0113

6. Determine the vehicle's second row seat configuration.
   a. If the vehicle is equipped with the 60/40 seats proceed to Step 7.
   b. If the vehicle is equipped with second row armrest chairs proceed to Step 8.
7. For vehicles with 60/40 seats, perform the following procedure:
   a. On the driver side remove the connector insert and back out pins 17, 18, 19 and 20 from the female connector using Rotunda Technician Tool Program (RTTP) part number NUD900-002 or equivalent.
   b. Cut the wires for the terminals and replace them with the new terminal and wire assemblies. Only replace the length of wire removed from the harness. Solder the new wire to the existing circuits. Refer to Section 5 of the Wiring Diagram for the solder-splicing method.
   c. Insert the new terminals into the connector and reassemble the connector.
   d. On the male connector create a 15-20 mm (1/2-3/4") loop with the wiring harness and secure the harness to the connector using electrical tape. Make sure the wire loop does not contact the seat trim. Wrap the harness and connectors 3 times to provide harness stress relief and to prevent damage to the connector terminals when the seat is folded forward. (Figure 3)

Figure 3 - Article 15-0113

   e. Reconnect the connector.
   f. Reattach the connector to the seat mounting with the existing pushpin.

g. On the passenger side, take the connector and route the seat harness to the other side of the black bar. (Figures 4 and 5)

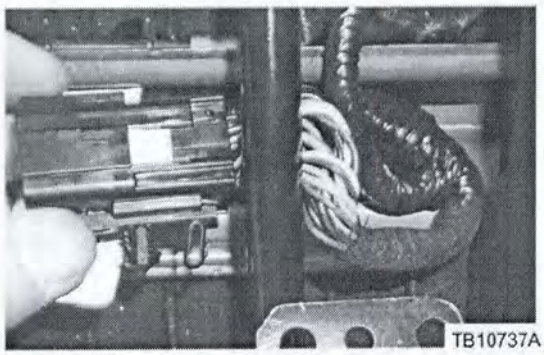

Figure 4 - Article 15-0113

Figure 5 - Article 15-0113

h. Remove the connector insert and back out pins 17, 18, 19 and 20 from the female connector using RTTP tool part number NUD900-002 or equivalent.

i. Cut the wires for the terminals and replace them with the new terminal and wire assemblies. Only replace the length of wire removed from the harness. Solder the new wire to the existing circuits. Refer to Section 5 of the Wiring Diagram for the solder-splicing method.

j. Insert the new terminals into the connectors and reassemble the connector.

k. On the male connector create a 15-20 mm (1/2-3/4") loop with the wiring harness and secure the harness to the connector using electrical tape. Make sure the wire loop does not contact the seat trim. Wrap the harness and connectors 3 times to provide harness stress relief and to prevent damage to the connector terminals when the seat is folded forward. (Figure 3)

l. Reconnect the connector.

m. Reattach the connector to the seat mounting with the existing pushpin and proceed to Step 9.

8. For vehicles with second row armrest chairs perform the following procedure:

a. On both the passenger and driver side seat take the connectors and route the seat harness to the other side of the black vertical bar. (Figures 4 and 5)

b. On both sides remove the connector inserts and back out pins 17, 18, 19 and 20 from the female connectors using RTTP part number NUD900-002 or equivalent.

c. Cut the wires for the terminals and replace them with the new terminal and wire assemblies. Only replace the length of wire removed from the harness. Solder the new wire to the existing circuits. Refer to Section 5 of the Wiring Diagram for the solder-splicing method.

d. Insert the new terminals into the connectors and reassemble the connectors.

e. On the male connector side, create a 15-20 mm (1/2-3/4") loop with the wiring harness and secure the harness to the connector using electrical tape. Make sure the wire loop does not contact the seat trim. Wrap the harness and connectors 3 times to provide harness stress relief and to prevent damage to the connector terminals when the seat is folded forward. (Figure 3)

f. Reconnect the connectors.

g. Reattach both connectors to the seat mounting with the existing pushpins and proceed to Step 9.

9. Reattach the seat bottom cover. Refer to WSM, Section 501-10.

Obtain Locally
Electrical Tape

PART NUMBER	PART NAME
DU2Z-14474-CA	Wiring Terminal Kit (2 Req)

OPERATION	DESCRIPTION	TIME
150113A	2014-2016 Explorer: Perform Wiring Update Following The Service Procedure (Do Not Use With Any Other Labor Operations)	1.5 Hrs.

WARRANTY STATUS:
Eligible Under Provisions Of New Vehicle Limited Warranty Coverage
Warranty/ESP coverage limits/policies/prior approvals are not altered by a TSB. Warranty/ESP coverage limits are determined by the identified causal part and verified using the OASIS part coverage tool.

DEALER CODING

BASIC PART NO.	CONDITION CODE
14A005	30