



Technical Service Bulletin

No.LA501-
025
25 April
2006

Subject/Concern : Discovery 3/LR3 - Restraint Control Module Diagnostic Trouble Codes (B0070 1B, B0072 1B)

Models :

Discovery 3 / LR3 | | Vin range : 5A000259 Onwards

Markets : All

Section : 501-20A

Summary :

On investigation using the worldwide diagnostic system (WDS), the restraint control module (RCM) is found to have one or more of the following diagnostic trouble codes (DTCs):

- B0070 1B - Driver seatbelt pretensioner deployment control resistance too high.
- B0072 1B - Passenger seatbelt pretensioner deployment control resistance too high.

Cause : The under-seat wiring harness of the seatbelt buckle pre-tensioner has been incorrectly routed. The subsequent tight harness run can lead to the above DTC logs when extremes of seat adjustment positions exert strain on the harness connectors.

Action : Should any of the above DTCs be present in the restraint control module or a new harness is being installed, refer to the Service Information detailed in this bulletin to correctly route the wiring harness.

Parts Required :

Description	Part Number	Quantity
Cable tie/edge clip	EYC500270	4

NOTE : The labor times below are for rectification of the DTCs above and should not be used for instances of harness renewal for reasons not detailed in this bulletin.

Labour Time :

Operation Description	Operation No.	Time
Attach harness to seat frame - manual seats	78.70.89/38	0.50 hours
Attach harness to seat frame - power seats - Left-hand	78.70.89/39	0.50 hours
Attach harness to seat frame - power seats - Right-hand	78.70.89/40	0.50 hours

Repair/Claim Coding :

Causal Part : EVB500670PMA

ACES Condition Code : 42

Defect Code :

Service Information

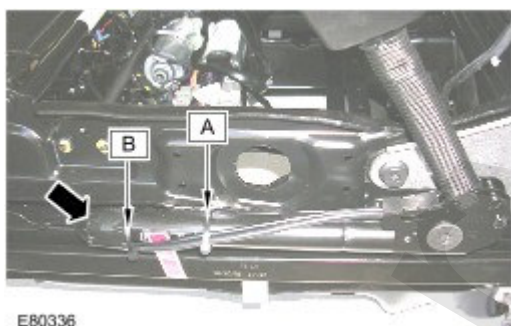
Manually Adjustable Seats



WARNING : The safety precautions detailed in the Workshop Manual relating to supplementary restraint systems (SRS) must be adhered to.

NOTE : Where reference is made to 'cable tie' only, remove and discard the edge clip from the cable tie/edge clip assembly.

- 1 . Remove the affected front seat. For additional information, refer to Global Technical Reference (GTR) Discovery 3/LR3 Workshop Manual Section 501-10, Seating, Front Seat (78.10.44/99).
- 2 . Release the pre-tensioner harness and disconnect the connector from the seat frame.
- 3 . Route the pre-tensioner harness around the barrel of the pre-tensioner body as shown.
 - 1 . Secure the harness with a cable tie at point A.
 - 2 . Place a length of suitable black tape around the pre-tensioner body as shown.
 - 3 . Secure the harness with a cable tie at point B.



- 4 . Connect the under-seat connector.

5 .



CAUTION : Ensure that under-seat connector is not under strain.

Cable tie the pre-tensioner harness to the seat frame as shown.



6 .



CAUTION : Ensure that the body-side harness connector is clipped to the seat base to avoid strain.

Install the seat. For additional information, refer to Global Technical Reference (GTR) Discovery 3/LR3 Workshop Manual Section 501-10, Seating, Front Seat (78.10.44/99).

Service Information

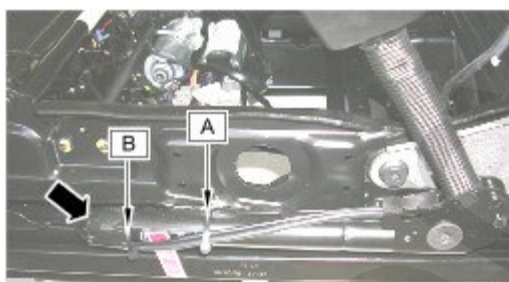
Left-Hand Electric Adjustable Seat



WARNING : The safety precautions detailed in the Workshop Manual relating to supplementary restraint systems (SRS) must be adhered to.

NOTE : Where reference is made to 'cable tie' only, remove and discard the edge clip from the cable tie/edge clip assembly.

- 1 . Adjust the affected seat to the mid height position.
- 2 . Remove the front seat. For additional information, refer to Global Technical Reference (GTR) Discovery 3/LR3 Workshop Manual Section 501-10, Seating, Front Seat (78.10.44/99).
- 3 . Release the pre-tensioner harness and disconnect the connector from the seat frame.
- 4 . Route the pre-tensioner harness around the barrel of the pre-tensioner body as shown (right-hand pictured, left-hand similar).
 - 1 . Secure the harness with a cable tie at point A.
 - 2 . Place a length of suitable black tape around the pre-tensioner body as shown.
 - 3 . Secure the harness with a cable tie at point B.



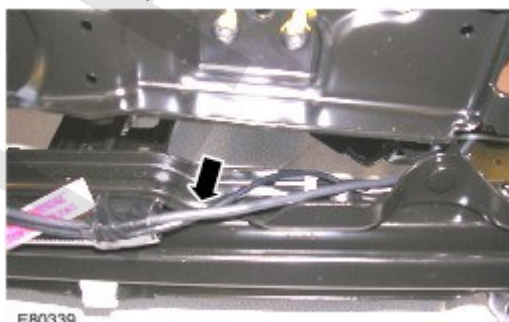
E80336

- 5 . Install an edge clip to the pre-tensioner harness 500mm from the pre-tensioner body.



E80338

- 6 . Route the pre-tensioner harness around the front of the seat as shown.



E80339

7 . Install the under-seat connector.


- 8 .  **CAUTION : Ensure the wiring harness cannot become entangled with the seat height adjustment mechanism.**

Install a cable tie to the electrical connector bracket where shown.



- 9 . Install the edge clip to the electrical connector bracket.



- 10 .  **CAUTION : Ensure that the body-side harness connector is clipped to the seat base to avoid strain.**

Install the seat. For additional information, refer to Global Technical Reference (GTR) Discovery 3/LR3 Workshop Manual Section 501-10, Seating, Front Seat (78.10.44/99).

Service Information

Right-Hand Electric Adjustable Seat

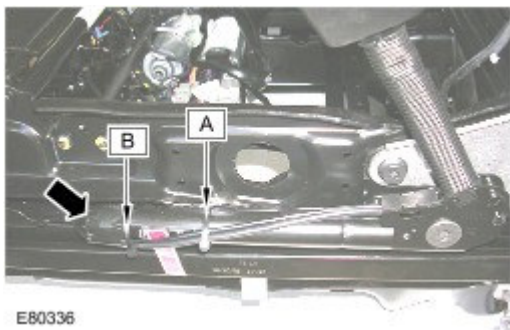


WARNING : The safety precautions detailed in the Workshop Manual relating to supplementary restraint systems (SRS) must be adhered to.

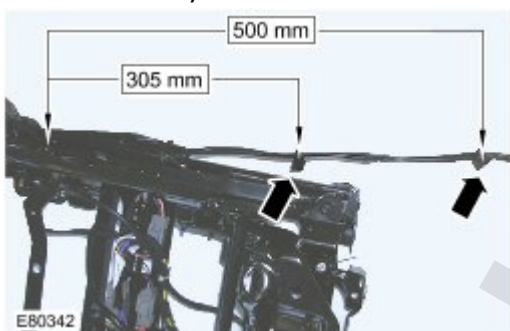
NOTE : Where reference is made to 'cable tie' only, remove and discard the edge clip from the cable tie/edge clip assembly.

- 1 . Remove the affected front seat. For additional information, refer to Global Technical Reference (GTR) Discovery 3/LR3 Workshop Manual Section 501-10, Seating, Front Seat (78.10.44/99).
- 2 . Release the pre-tensioner harness and disconnect the connector from the seat frame.
- 3 . Route the pre-tensioner harness around the barrel of the pre-tensioner body as shown.
 - 1 . Secure the harness with a cable tie at point A.
 - 2 . Place a length of suitable black tape around the pre-tensioner body as shown.

3 . Secure the harness with a cable tie at point B.



4 . Install edge clips to the pre-tensioner harness at 305mm and 500mm from the pre-tensioner body.




5 . Install an edge clip to fore/aft motor bracket as shown.



6 . Install the under-seat connector.

7 . Install the edge clip to the electrical connector bracket.



8 .  **CAUTION : Ensure that the body-side harness connector is clipped to the seat base to avoid strain.**

Install the seat. For additional information, refer to Global Technical Reference (GTR) Discovery 3/LR3 Workshop Manual Section 501-10, Seating, Front Seat (78.10.44/99).