

Guidelines for Retrofitting Seat Belts onto Original Safer Seats of Public Light Bus Toyota Coaster Model BB50R-ZCMSZ

1. Purpose:

Some pre-1/8/2004 long wheel base Toyota Coaster PLB have their original seats rearranged to create space for luggage racks. Their seat belts might have been removed by the owner or his agent.

PLB owners who wish to retrofit the seat belts to the seat should follow the guidelines listed below.

2. Vehicle Models Approved:

Toyota Coaster BB50R-ZCMSZ.

3. Seat Model Approved:

The seats must be supplied by the original vehicle manufacturer (Toyota) for the vehicle model with original integral/retractable lap belts.

4. Approved Design and Installation Details:

The Approved Design and Installation Details are shown in Appendix 4. The installation method and parts used should be strictly adhered to the specification stipulated in the Appendix.

5. Before Retrofitting:

The condition of a vehicle affects the strength of its body frame structure. As such, a PLB vehicle should meet the criteria as set out in Appendix 5 before retrofitting work is to proceed. Vehicle conditions that do not meet the criteria should be repaired, and vehicle parts not up to the standard should be renewed. TD request that a PLB vehicle should be examined by a Registered Professional Engineer (RPE), in Mechanical or Structural discipline to ascertain that its body condition shall meet the criteria, before retrofitting work is to proceed.

6. Certificate from Registered Professional Engineer:

During the process of retrofitting, the vehicle has to be examined by the RPE at key stages and on completion. He should certify that the retrofitting is completed in full accordance with the Approved Design and Installation Details. **Particular attention is drawn to the proper functioning of locking mechanism of the seat belts.** Normally he/she will take photos for records with registration marks on hidden parts, and shall make identifications such as paint dots on essential positions to assure that they are properly located and tightened. The form of certification is shown at Appendix 6.

7. Approval of Notifiable Alteration from TD

With the RPE's certification in hand, the owner (or his agent) may write to TD applying for notifiable alteration of his vehicle. TD shall then arrange a date and time for examination of the vehicle, and shall issue an approval letter if deemed fit.

8. Vehicle Maintenance

It is essential that an altered vehicle, once approved for alteration, shall be kept in the condition as approved in its subsequent operation. Damaged parts shall be replaced or repaired to restore vehicle safety standards and roadworthiness. Without further approval from TD, the vehicle shall not be further altered, or reinstated to its original condition before retrofitting, for any individual components or for the whole vehicle.

9. Enquiry

For further enquires, you can call Senior Motor Vehicle Examiner (SMTA) of Transport Department at Tel. no. 2829 5468.