

## AUSTRALIAN MOTOR VEHICLE CERTIFICATION BOARD

Comprising Commonwealth, State and Territory Authorities

### CIRCULAR NO. 38-1-9 REMOVABLE SUSPENSIONS

1. Some Trailers are fitted with removable suspensions, often for more economic fleet maintenance. After removal for maintenance, frequently a suspension will not be refitted to its original trailer, so a means has been developed for ensuring that the trailer continues to comply with ADR 38.
2. A removable suspension means a complete suspension system, brake control system and foundation brake system with axles. This removable suspension may or may not be fitted with a sub-frame, but will be capable of easy removal from the Trailer. Because the two axle groups of dog trailers have been certified as balanced sets, both these axle groups and their associated brake systems are considered to be one removable suspension, even where only one axle group is in fact removable. The two axle groups of dog trailers should always be used together.
3. Converter dollies or low loader dollies fitted with "quick release" fifth wheels are not considered to be removable suspensions. These are Trailers in their own right.
4. The Australian Motor Vehicle Certification Board has agreed that a Trailer fitted with a removable suspension should be fitted with a duplicate Compliance Plate on that removable suspension. Dog Trailers fitted with removable suspensions should be fitted with duplicate Compliance Plates on both axle groups.
5. The duplicate Compliance Plate shall be identical to the Compliance Plate fitted to the Trailer except that the word "DUPLICATE" must be stamped in the area bounded by the date of manufacture, the identification number and the GTMR legends. An example of a duplicate Compliance Plate is at Attachment 1.
6. The duplicate Compliance Plate shall be located in a prominent position, preferably on the left front spring hanger of the suspension.
7. In service, the GTMR, number of axles and trailer classification on the Trailer Compliance Plate and the duplicate Compliance Plate on the removable suspension should be the same.
8. In service, the duplicate Compliance Plates on the two axle groups of the removable suspension of a Dog Trailer should both have the same Vehicle Identification Number.
9. Duplicate compliance plates, as described in this circular, may be fitted to spare removable suspensions.
10. A spare removable suspension is one which is supplied by a trailer manufacturer for a trailer

model being supplied or previously supplied by that trailer manufacturer. The spare removable suspension must be identical to the removable suspension fitted to the original trailer.

11. The duplicate compliance plate (or plates in the case of a Dog Trailer) on the spare removable suspension will carry the same details as the duplicate plate on the removable suspension fitted to the trailer except that a unique vehicle identification number shall be used to identify the spare removable suspension.
12. More than one spare removable suspension may be supplied provided each one carries a unique vehicle identification number.

38-1-9 ATTACHMENT 1

An example of a Duplicate Compliance Plate for use on Removable Suspensions.

MAKE-MODEL	DELTA ZS-350		
DATE	10/83	DUPLICATE	GTMR 31.5 TONNE
V I N	21857	APPROVAL No.	349600/KS300
THIS TRAILER WAS MANUFACTURED BY			
BETA TRAILERS PTY. LTD.			
TO COMPLY WITH AUSTRALIAN DESIGN RULES			
38			
COMPLIANCE MARK APPROVAL NUMBERS			
123400/ZC300	123400/ZF200	123400/ZS300	
THIS PLATE IS AFFIXED WITH THE APPROVAL OF THE			
AUSTRALIAN MOTOR VEHICLE CERTIFICATION BOARD			