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FORMAT FOR SYNOPSIS OF INDIAN STANDARDS

TED 24 (11638)F

PACKAGING — VOCABULARY	
Number and Title of the Indian Standard	This Indian standard defines the basic architecture and performance requirements of a Reverse Parking Alert System (RPAS) which uses object-detection devices (sensors) or camera based displays in order to provide the driver with information about obstacles in specified zone while reversing the vehicle. The test objects in this standard are defined based on systems using ultrasonic sensors and electromagnetic sensors which reflect the most commonly used technology. For other sensing technologies possibly coming up in the future, these test objects shall be checked and changed if required.
a) Scope:	The requirements of vehicle reverse parking alert system of this standard shall be applicable to all M and N category vehicles, as defined in AIS-053.
b) Salient features of content:	Incomplete vehicles of M, N category, where the cabin build level of the incomplete vehicle prevents the fitment of the reverse parking alert system, the vehicle manufacturer shall provide these items as a kit along with the vehicle and accompanied with suitable guidelines to facilitate the body builder in installing the system as per type approval. While carrying out component testing appropriate mock-up of vehicle rear or test bench simulating sensor installation condition shall be used. Details regarding Terms and definitions, Functional and Performance Requirements (For M and N category of vehicles) and Component Level Validation of the system.

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