

BUREAU OF INDIAN STANDARDS

DRAFT FOR COMMENTS ONLY

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*भारतीय मानक मसौदा*

**सड़क वाहनों के लिए गियर की स्थिति – सिफारिशें**  
*(IS 9262 का पहला पुनरीक्षण)*

*Draft Indian Standard*

**GEAR POSITIONS FOR ROAD VEHICLES – RECOMMENDATIONS**  
*(First Revision of IS 9262)*

ICS: 43.020

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Last date for receipt of comments  
is 11/02/2024

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Automotive Primemovers, Transmission Systems and Internal Combustion Engine Sectional Committee, TED 2

## FOREWORD

*(Formal clause to be added later)*

This Standard was first published in 1979. This revision incorporates the experience gained with the use of this standard and brings the standard in line with the latest development in the field.

In the preparation of this standard, assistance has been derived from DIN 73011 'Ganganordnungen bei Wechselgetrieben für Kraftwagen' (Gear positions for automotive vehicles), issued by DIN Deutsches Institute für Normung.

In this draft for first revision of the standard following changes have been made:

- a) Figures have been redrawn for improved clarity;
- b) Editorial changes have been carried out to update the standard with latest BIS formatting.

The composition of the committee responsible for formulation of this standard is given in Annex A. **(Will be added later)**

In reporting the result of a test or analysis made in accordance with this standard, if the final value, observed or calculated, is to be rounded off it shall be done in accordance with IS 2: 2022 'Rules for rounding off numerical values (*Second Revision*)'.

*Draft Indian Standard*

**GEAR POSITIONS FOR ROAD VEHICLES – RECOMMENDATIONS**  
(First Revision)

**1 SCOPE**

This standard covers recommended gear positions for automotive vehicles including trucks and tractors.

**2 GEAR POSITIONS**

Various gear positions for three-gear operation, four-gear operation, five-gear operation and six-gear operation are shown in Fig. 1.

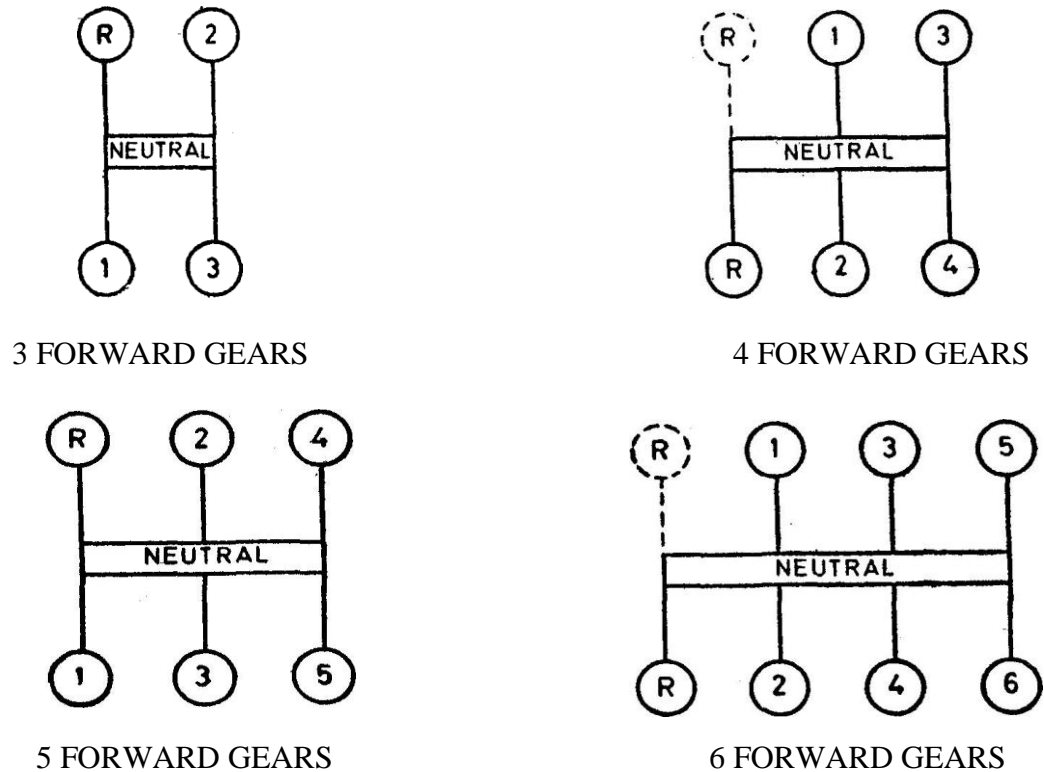


Fig. 1 Gear Positions

NOTE — Reverse gears shown by broken lines indicate option.

2.1 The circles indicate the positions of the individual gears starting from the gear lever end. The reverse gear is to the left of the front gears or in the same plane as the first gear and can be in the direction of the vehicle movement or in the direction opposite to it. These gear positions are also applicable to gear lever fixed to the steering column, an example of which is shown in Fig. 2.

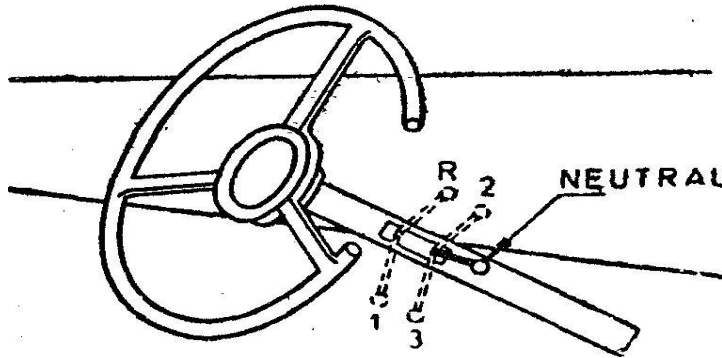


Fig. 2 Illustration for Gear Levers Fixed to Steering Column

**ANNEX A**  
*(Foreword)*

**COMMITTEE COMPOSITION**

**AUTOMOTIVE PRIMEMOVERS, TRANSMISSION SYSTEMS AND INTERNAL  
COMBUSTION ENGINE SECTIONAL COMMITTEE, TED 02**

**Will be added later**