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British Standard Automobile Series : Specification for

# Original equipment passenger car jacks

Confirmed

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Serie automobile. Spécification des crics d'origine pour les voitures particulières

Kraftfahrzeugserie. Spezifikation für Unterstellheber für Pkw-Erstausrüstung

## FOREWORD

This British Standard has been prepared, under the direction of the Automobile Standards Committee, to establish a standard of performance to ensure the safety in use in wheel changing and other repairs as recommended in the vehicle manufacturer's manual, of jacks supplied with passenger cars.

## SPECIFICATION

### 1. SCOPE

This British Standard specifies the requirements for the materials, finish and performance of jacks supplied as original equipment with passenger cars.

### 2. GENERAL REQUIREMENTS

2.1 The jack shall be suitable for locating at the jacking points as specified by the vehicle manufacturer and shall be capable of being operated without fouling any part of the vehicle with the doors closed.

2.2 It shall not be possible to raise the vehicle with a jack incorrectly assembled from its component parts.

2.3 Means shall be provided to prevent over-travel of the jack.

2.4 Instructions for the safe use of the jack shall be provided.

### 3. MATERIALS

Strength and other essential physical properties of the component parts of the jack shall be adequate for the purpose intended. All castings, which shall be in accordance with the appropriate British Standards, shall be of uniform quality, free of blow holes, porosity, hard spots, shrinkage, cracks or other deleterious defects which might adversely affect the intended use. Processes such as peening or plugging shall not be used on castings or forgings for reclaiming any part of the jack. Lubricants, hydraulic fluids and paints shall be compatible with seal materials, where seals are used.