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ICS 43.020
CCS T 40

TCSAE

ASSOCIATION STANDARD

TCSAE 147-2020

Wind noise test for full scale automobile in aero-acoustical wind tunnel - The measurement method of leakage noise

汽车整车气动声学风洞风噪试验泄漏噪声测量方法

(English Translation)

Issued on: August 7, 2020 **Implemented on: August 7, 2020**

Issued by: China Society of Automotive Engineers

Preview: page 1 of 4 shown, 13 in the full document. Complete English PDF, instant download:
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Table of Contents

1 Scope
2 Normative references
3 Terms and definitions
4 Basic conditions
4.1 Overview
4.2 Test Environment-Acoustic Wind Tunnel
4.3 Test equipment
4.4 Vehicle under test
4.5 Sealing material
4.5.1 Tape
4.5.2 Cement or adhesive strips
5 Measurement and sealing method
5.1 Overview
5.2 Measurement method
5.3 Outer seal
5.4 Interior seal
6 Test conditions
6.1 Overview
6.2 Seal position
6.3 Leakage noise of the whole vehicle
6.4 Local leakage noise
6.4.1 Baseline status selection
6.4.2 Test sequence method
6.5 Basic principles of working condition formulation
7 Measurement process
7.1 Preliminary preparations
7.2 Formal measurement process
8 Evaluation parameters
8.1 Overview
8.2 Weighted sound pressure level
8.3 Cumulative sound pressure difference value
8.4 Speech intelligibility index

Preview: page 2 of 4 shown, 13 in the full document. Complete English PDF, instant download:
https://chinastandards.org/standards/tcsae-147-2020

8.5 Total Loudness
8.6 Sharpness
9 Record

1 Foreword

TCSAE 147-2020 was issued by China Society of Automotive Engineers on 7 August 2020 and took effect the same day.

The TCSAE prefix marks a association standard, adopted voluntarily.

The document runs to 13 pages in English translation.

2 Scope Preview

This standard specifies the method for vehicle leakage noise measurement in the vehicle aero-acoustic wind tunnel, including basic test conditions, measurement and confidentiality Sealing method, working condition formulation, measurement process, evaluation parameter, record, data processing and measurement report. This standard can evaluate the leakage noise in the car it can also diagnose wind noise sources and transmission path problems. This standard applies to cars with a complete body sealing system. The maximum size must meet the vehicle weight and external dimensions specified in the wind tunnel. begging.

TCSAE 147-2020 falls under ICS 43.020, in the field of road vehicle engineering.

This catalogue holds 32 other TCSAE standards in that field.

In this catalogue, TCSAE standards carry edition years from 2015 to 2020.

3 Normative references

GB/T 15485

ISO 532

4 About this standard

Issued by: China Society of Automotive Engineers

English translation: about 13 pages

Chinese original: about 20,227 characters

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5 Related standards

Standards on related subjects:

QC/T 1029-2016 - Polypropylene (PP) honeycomb board products for automobiles

QC/T 797-2008 - Material identification and marking of automotive plastic, rubber and thermoplastic elastomer parts

6 Classification and status

International classification (ICS): 43.020

Chinese Standard Classification (CCS): T 40

Prefix TCSAE: association standard, adopted voluntarily.

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