

## 2MOBILITY (Global Mobility Standards Database)



- Subject Coverage**
- Automation
  - Emissions
  - Environment
  - Fuels & Lubricants
  - Human factors
  - Management
  - Manufacturing
  - Marketing
  - Materials
  - Noise & Vibration
  - Population
  - Reliability
  - Research & Design
  - Quality
  - Safety
  - Stands & Specifications
  - Testing
  - Transportation

**File Type** Bibliographic

**Features**

Thesaurus	None				
<a href="#">Alerts (SDIs)</a>	None				
CAS Registry Numbers <sup>®</sup>	<input type="checkbox"/>	Page Images	<input type="checkbox"/>	STN AnaVist	<input type="checkbox"/>
<a href="#">Keep &amp; Share</a>	<input checked="" type="checkbox"/>	SLART	<input type="checkbox"/>	STN Easy	<input type="checkbox"/>
Learning Database	<input type="checkbox"/>	Structures	<input type="checkbox"/>	STN Viewer	<input type="checkbox"/>

- Record Content**
- Bibliographic information
  - Controlled and supplementary terms
  - Abstracts

**File Size** More than 13,600 records (03/11)

**Coverage** 1936-present

**Updates** Reloaded monthly

**Language** English

**Database Producer** SAE International  
400 Commonwealth Drive  
Warrendale, PA 15096  
Phone: (724) 772-7108  
Telefax:(724) 776-3036

**Sources** Standards and specifications

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**User Aids**

- Online Helps (HELP DIRECTORY lists all help messages available)
- STNGUIDE

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**Clusters**

- ALLBIB
- ENGINEERING
- FUELS
- MATERIALS
- MOBILITY
- SAFETY

[STN Database Clusters](#) information (PDF).

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**Pricing** See the [STN Price List](#) or enter HELP COST at an arrow prompt (=>).

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## Search Display Field Codes

There are no fields that allow left truncation.

Search Field Name	Search Code	Search Examples	Display Codes
Basic Index (contains single words from the abstract (AB), controlled Term (CT), supplementary term (ST), and title (TI) fields)	None (or /BI)	S TRUCK AND BRAKE# S PASSENGER CARS/BI S SAE(S)STANDARD	AB, CT, ST, TI
Accession Number Classification Code <b>(1)</b>	/AN /CC	S 2005:59/AN S SPACE/CC S "AIR OR SPACE"/CC	AN CC
Controlled Term	/CT (or /DT)	S ADHESIVE?/CT S COMPOSITE REPAIR/CT	CT
Controlled Word	/CW	S (METAL(S)REPAIR#)/CW	CT
Country of Publication (code and text)	/CY	S US/CY S UNITED STATES/CY	CY
Cross Reference	/CR	S AATCC TEST?/CR	CR
Document Number	/DN	S SAE AIR 1167/DN	DN
Document Type	/DT	S STANDARD/DT S S/DT	DT
Entry Date <b>(2)</b>	/ED (or /UP)	S ED>=20050411	Not displayed
Field Availability	/FA	S AB/FA	Not displayed
File Segment (code and text)	/FS	S SAE/FS S DIN/FS	FS
Language (code and text)	/LA	S EN/LA S ENGLISH/LA	LA
Publication Date <b>(2)</b>	/PD	S PD>20050411 AND FASTENERS/CT	SO
Publication Year <b>(2)</b>	/PY	S 2003-2005/PY	PY, SO
Source (contains publishing and source information, location, publication date, and publication year)	/SO	S (REG? AND SAFETY AND HIGHWAY)/SO	PD, PY, SO
Supplementary Term	/ST	S INCONEL 7?/ST	ST
Title	/TI	S BRAKE CYLINDER#/TI	TI

**(1)** Searching with implied (S) proximity is available in this field.

**(2)** Numeric search field that may be searched using numeric operators or ranges.

**2MOBILITY****DISPLAY and PRINT Formats**

Any combination of formats may be used to display and print answers. Multiple codes must be separated by commas or spaces, e.g., D L1 1-5 TI SO. The fields are displayed or printed in the order requested.

Hit-term highlighting is available for all displayable fields except PY. Highlighting must be ON during SEARCH to use the HIT, KWIC, and OCC formats.

<b>Format</b>	<b>Content</b>	<b>Examples</b>
AB AN CC CR CT CY DN DT FS LA PY (1) SO ST TC (1) TI	Abstract Accession Number Classification Code Cross Reference Controlled Term Country of Publication Document Number Document Type File Segment Language Publication Year Source Supplementary Term Treatment Code (Document Type) Title	D L4 1-4 AB D L1 3 AN D CC 5-10 D 1-3,7,8 CR D CT D CY 1-5 D L1 DN 3 D 1,3,6 DT L5 D FS D 1,4 LA D PY D SO D L3 ST D TC D TI 2
ABS ALL BIB CBIB IALL IBIB IND (1) SAM SCAN (2,3)	AB AN, DN, TI, SO, CR, CY, DT, FS, LA, AB, CC, CT, ST AN, DN, TI, SO, CY, DT, FS, LA (default) AN, DN, compressed bibliographic information ALL, indented with text labels BIB, indented with text labels CC, CT, ST TI, CC, CT, ST TI, CC, CT, ST (random display without answer number)	D 2,6 ABS D L1 ALL D BIB D 4-7 CBIB D IALL 3 D L4 IBIB 2 5 D IND L8 D 1-5 SAM D SCAN
HIT KWIC OCC (1)	Fields containing hit terms Hit term with 20 words on either side (KeyWord-In-Context) Number of occurrences of hit terms and fields in which they occur	D HIT D KWIC D OCC

(1) Custom display only.

(2) No online display charge for this format.

(3) SCAN must be specified on the command line, i.e., D SCAN or DISPLAY SCAN.

## SELECT, ANALYZE, and SORT Fields

The SELECT command is used to create E-numbers or an L-number containing terms taken from the specified field in an answer set.

The ANALYZE command is used to create an L-number containing terms taken from the specified field in an answer set.

The SORT command is used to rearrange the search results in either alphabetic or numeric order of the specified field(s).

Field Name	Field Code	ANALYZE/ SELECT (1)	SORT
Abstract	AB	Y (2)	N
Accession Number	AN	Y	N
Classification Code	CC	Y	Y
Controlled Term	CT	Y	N
Country of Publication	CY	Y	Y
Cross Reference	CR	Y	N
Document Number	DN	Y	Y
Document Type	DT	Y	Y
File Segment	FS	Y	Y
Language	LA	Y	Y
Occurrence Count of Hit Terms	OCC	N	Y
Publication Date	PD	Y	Y
Publication Year	PY	Y (3)	Y
Supplementary Term	ST	Y	N
Title	TI	Y (default)	Y
Treatment Code	TC	Y	Y

- (1) HIT may be used to restrict terms extracted to terms that match the search expression used to create the answer set, e.g., SEL HIT TI.
- (2) Appends /BI to the terms created by SELECT.
- (3) SELECT HIT and ANALYZE HIT are not valid with this field.

**2MOBILITY****Sample Records****DISPLAY IALL**

ACCESSION NUMBER: 2010:245 2MOBILITY  
 DOCUMENT NUMBER: SAE J 2878  
 TITLE: Low Speed Thorax Impact Test Procedure for the HIII5F Dummy  
 SOURCE: (2010 Jan 14) . SAE International, Warrendale,  
 Pennsylvania, USA. Other Number: j2878.  
 CROSS REFERENCE: SAE EA-25; SAE J 211/1; SAE J 2517; SAE J 2779; MVR No. 572  
 PUB. COUNTRY: United States  
 DOCUMENT TYPE: Standard; (RECOMMENDED PRACTICE)  
 FILE SEGMENT: SAE  
 LANGUAGE: English  
 ABSTRACT: This procedure establishes a recommended practice for  
 performing a Low Speed Thorax Impact Test to the Hybrid  
 III Small Female Anthropomorphic Test Device (ATD or crash  
 dummy). This test was created to satisfy the demand by the  
 industry to have a certification test which results in peak  
 chest deflection similar to current full vehicle, frontal  
 impact tests. An inherent problem exists with the current  
 certification procedure because the normal (6.7 m/s) thorax  
 impact test has test results for peak chest deflection that  
 are greater than those currently seen in full vehicle,  
 frontal tests.  
 The intent of this document is to develop a low speed  
 thorax certification procedure for the H-III5F dummy with a  
 3.0 m/s impact similar to the SAE J2779 procedure for the  
 H-III50M dummy.  
 CLASSIFICATION: Land or Sea  
 CONTROLLED TERM: Dummies; Impact tests

**DISPLAY BIB**

AN 2010:235 2MOBILITY  
 DN SAE J 2461  
 TI Vehicle Electronic Programming Stations (VEPS) System Specification for  
 Win32(TM)  
 SO (2010 Feb 05) 3:36. SAE International, Warrendale, Pennsylvania, USA.  
 Other Number: J2461.  
 CY United States  
 DT Standard; (RECOMMENDED PRACTICE)  
 FS SAE  
 LA English

**DISPLAY SCAN**

TI Elastomeric Bushing 'TRAC' Application Code  
 CC Land or Sea  
 CT Bushings; Coding

**In North America**

CAS  
 STN North America  
 P.O. Box 3012  
 Columbus, Ohio 43210-0012 U.S.A.  
 CAS Customer Center:  
 Phone: 800-753-4227 (North America)  
 614-447-3700 (worldwide)  
 Fax: 614-447-3751  
 E-mail: help@cas.org  
 Internet: www.cas.org

**In Europe**

FIZ Karlsruhe  
 STN Europe  
 P.O. Box 2465  
 76012 Karlsruhe  
 Germany  
 Phone: +49-7247-808-555  
 Fax: +49-7247-808-259  
 E-mail: helpdesk@fiz-karlsruhe.de  
 Internet: www.stn-international.com

**In Japan**

JAICI (Japan Association for  
 International Chemical Information)  
 STN Japan  
 Nakai Building  
 6-25-4 Honkomagome, Bunkyo-ku  
 Tokyo 113-0021, Japan  
 Phone: +81-3-5978-3601 (Technical Service)  
 +81-3-5978-3621 (Customer Service)  
 Fax: +81-3-5978-3600  
 E-mail: support@jaici.or.jp (Technical Service)  
 customer@jaici.or.jp (Customer Service)  
 Internet: www.jaici.or.jp