



Help with the Automotive Database

After successfully installing the database, please take a couple of minutes to read through the operating information. To navigate, use the arrows or the keys on the screens.

Direct entry

Enter the known number and confirm with the RETURN key. If the INA number you have entered is not present in the database, a message will appear.

Searching for a number

In the option box, you have the possibility of searching for a specific number. With the help of the scroll bar, you can move to the desired product number and click on it.

Not active

Gray key; there is no other information here.

INA product information

INA number: **F-220093**

Type: F-220092, F-220093, F-220094, F-220094.1, F-220095, F-220096, F-220097, F-220122

Description: **Entric pin**

Main group:

Subgroup: **Tension pulleys**

Item no.: Mass: kg

Size: Packaging unit:

Additional	Vehicle	Location	Illustration
Kit information	Comment	Short designation	Interchange

Printer

With this key you can print out the current page.

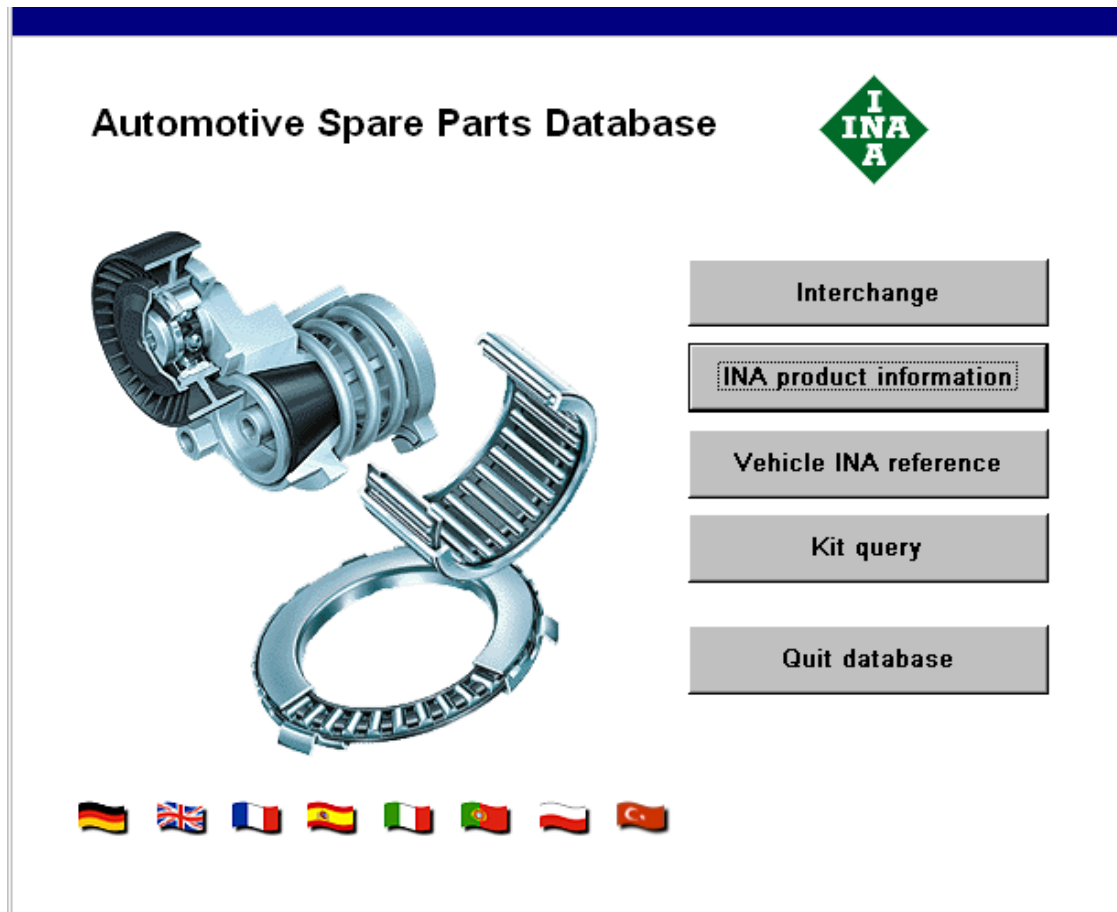
Door

If you click on the door, you will return to the previous page.

Key controls

To get more information, please click on the relevant active key. A key is active if the label on it is written in **bold type**.

Database main menu



The **Interchange query** shows you the data and references for all the available INA spare parts. The search criterion is the INA A/M number. Alternatively, it is also possible to search using the part number of a vehicle manufacturer or with the A/M number of a competitor or of a car accessory dealer.

The **INA Product information** contains all the necessary data relating to an individual part required for purchasing and engineering, such as the packaging unit quantity, dimensions, etc.

The **Vehicle INA reference** lists the vehicles of which we are aware, with data including the model designation, engine output, cubic capacity, production period and the installed INA parts.

The **Kit query** lists complete kits together with the INA components used in the kits, depending on the kit suppliers.

If you click on the national flag symbols, the menu will appear in the relevant national language.

Interchange INA



Interchange

INA Manufacturer Equivalent

INA number Manufacturer Equivalent

F- 46318.45
F- 46318.50
F- 46318.51
F- 46318.62
F- 46318.8
F- 46320.12
F- 46320.4
F- 46325.1
F- 46327

BMW

OE number
11332247722
11332249817

Interchange number

INA A/M no. History
F- 46318.25
F- 46318.29

Product information

The **Interchange query** is set to **INA** as the default setting. If you wish to search with **Manufacturer** reference numbers or part numbers from competitors (**Equivalent**), you must press the relevant button.

A query with an INA number will give you the following result:

- a) if available, the old INA A/M numbers for this component
- b) the manufacturer who installs the corresponding part and his part number.

If several names appear in the column **Manufacturer**, please select the desired manufacturer.

All expired and new INA numbers are accepted as valid entries.



If the INA number you have entered is not present in the database, a message will appear.

Using the icon **Product information** you can find detailed information about any single component.

Interchange Manufacturer



Interchange

INA	Manufacturer	Equivalent
INA A/M no. F-346510.24	Manufacturer Opel Peugeot Poong Sung	Equivalent
INA A/M no. History F- 46528.18 F- 46528.31 F- 46528.34 F- 46528.6	Manufacturer no. 09117904 09118848 09128346 09128738 09128739	Interchange number
	OES number 640010	Product information

If you have a part number of a manufacturer, please click on **Manufacturer**.

You can enter the desired manufacturer directly or by searching in the selection box.

As a result, you will be shown the selection box of **Manufacturer numbers**.

Enter the number directly or search for it in the selection box.

You will be given the various INA numbers and, if available, the manufacturer's OES number.

Using the icon **Product information** you can find detailed information about any single INA component.

Interchange Equivalent



Interchange

INA Manufacturer Equivalent

INA A/M no. Manufacturer Equivalent

F- 45747.2 Ford

INA A/M no. History OE number Interchange number

F- 45747B 3054076251

OES number

Product information

If you have a part number of a competitor, please select the column **Equivalent**.

In the selection box "Equivalent", select the desired company name with a direct entry or by searching in the selection box.

As a result, the selection box of the **Interchange numbers** will be opened.

If you know the number, enter it directly or search for it in the selection box.

As a result, you will be given the INA number, the manufacturer and the relevant part numbers.

In some cases, you have another selection option under the manufacturer and/or the INA A/M number.

Using the icon **Product information** you can find detailed information about any single INA component.

INA Product information



INA product information

INA number

Type Country of origin

Description

Main group

Subgroup

Item no. Mass kg

Size Packaging unit

Additional	Vehicle	Location	Illustration
Kit information	Comment	Short designation	Interchange

On this page and the linekd pages, you will find further useful and necessary information about the selected spare part.

You can access this page via the main menu or the Product info key on the Interchange page.

When you gain access via the main menu, a random INA number appears; if you come from the Interchange query, the INA number is always transferred from there and the relevant data are displayed.

If you want to make a new or a further query, enter the INA number directly or search in the selection box. All expired and new INA numbers are accepted as valid entries.

If you would like more information about the selected INA part, please click on the relevant active key in the two bottom lines.

INA Additional information



INA product information

INA number	<div style="border: 1px solid gray; padding: 5px; width: 100%;"> <h4 style="margin: 0;">Additional information on clutch release systems</h4> <p style="margin: 5px 0;">INA guide tube?</p> <div style="border: 1px solid gray; padding: 2px; width: 100%;">No</div> </div>		
Type			
Description			
Main group			
Subgroup			
Item number			
Size	34,15x68,00x37,50	Packaging unit	24

kg

Additional	Vehicle	Location	Illustration
Kit information	Comment	Short designation	Interchange

Under the menu item **Additional information**, you will find further notes on the individual components. For instance, under Transmissions, you can find out which transmission manufacturer uses this INA part, how the transmission is designated, how many gears it has and where the INA part is installed. There is also additional information about the chain drive, belt drive, clutch release bearing, peripheral aggregates and the chassis.

KFZ Allocation



Vehicle allocation

Manufacturer	Model series	Model type	From	To	KW	HP	cc
Fiat	BRAVA (182)	1.6 16V (182.BB)	02.1996		76	103	1581
Fiat	BRAVA (182)	1.6 16V (182.BH)	10.1995		66	90	1581
Fiat	BRAVO (182)	1.6 16V (182.AB)	03.1996		76	103	1581
Fiat	BRAVO (182)	1.6 16V (182.AH)	10.1995		66	90	1581
Fiat	MAREA (185)	1.6 100 16V	09.1996		76	103	1581
Fiat	MAREA Weekend (185)	1.6 100 16V	09.1996		76	103	1581
Fiat	MULTIPLA (186)	1.6 100 16V (186AXA1A)	04.1999		76	103	1581
Fiat	MULTIPLA (186)	1.6 16V Bipower (186AMB1A)	04.1999		76	103	1581
Fiat	MULTIPLA (186)	1.6 16V Blupower (186AMA1A)	04.1999		70	95	1581
Fiat	PALIO	1.6 16V	04.1996		74	100	1581
Fiat	PALIO Weekend (178DX)	1.6 16V (178DX.D1A)	04.1996		74	100	1581
Fiat	Siena	1.6 - 16v - Torque					
Fiat	Strada	1.6 - 16v - Torque					

Additional	vehicle	Location	Illustration
Kit information	Comment	Short designation	Interchange

The **Vehicle allocation** shows you a list of all vehicles in which the selected INA part is installed.

Location



INA product information

Location scheme

No. 1

Location	Illustration
Short designation	Interchange

The icon **Location** gives access either to a transmission drawing, in which the individual INA parts are marked, or a location scheme, indicating the installation position of the selected part.
 If the location scheme is numbered and there are two arrow keys next to the printer key, there are other installation diagrams stored in the system

Illustration



INA product information

INA number:

Type: Country of or

Description:

Main group:

Subgroup:

Item no.: M

Size: Packaging

Additional	Vehicle	Location	Illustration
Kit information	Comment	Short designation	Interchange

BSRS F- 36802

Please click on the menu item **Illustration**, if you would like a visual aid when selecting a spare part.

Kit information



INA parts in kits

Kit supplier	Kit designation
AP	KDB118
AS	530 009
Bosch	1987 9486 02
Contitech	CT 503 K1
Contitech	CT 605 K1
Contitech	CT 662 K1
Dayco	KTB 118
Dayco	KTB 135

INA parts in kit	Kit supplier	Kit interchange no.
F- 36261.3	AP	KDB304
	AS	530 009
	Bosch	1987 9486 02
	Contitech	CT 503 K1
	Dayco	KTB 304
	Gates	K 015030
	Good Year	KTGY 014
	Hella	KCD 1030

For further information, please click on kit designation.



The **Kit information** shows you in which kits or units the selected INA part is used.

If you select this menu item, you will be given a list in the upper box showing all the kits and units, sorted by manufacturers, in which this INA component is used.



After clicking on a particular number in the upper box, a list of all the equivalent manufacturer numbers is displayed in the lower box. This result is also sorted by manufacturers.

Comment



INA product information  

INA number

Comment - Engineering  

This type was used in the engines AHW up to No. 160 000, AJV up to No. 005 000 and in AKQ up to No. 242 000.

Country of origin

Size Packaging unit

Additional	Vehicle	Location	Illustration
Kit information	Comment	Short designation	Interchange

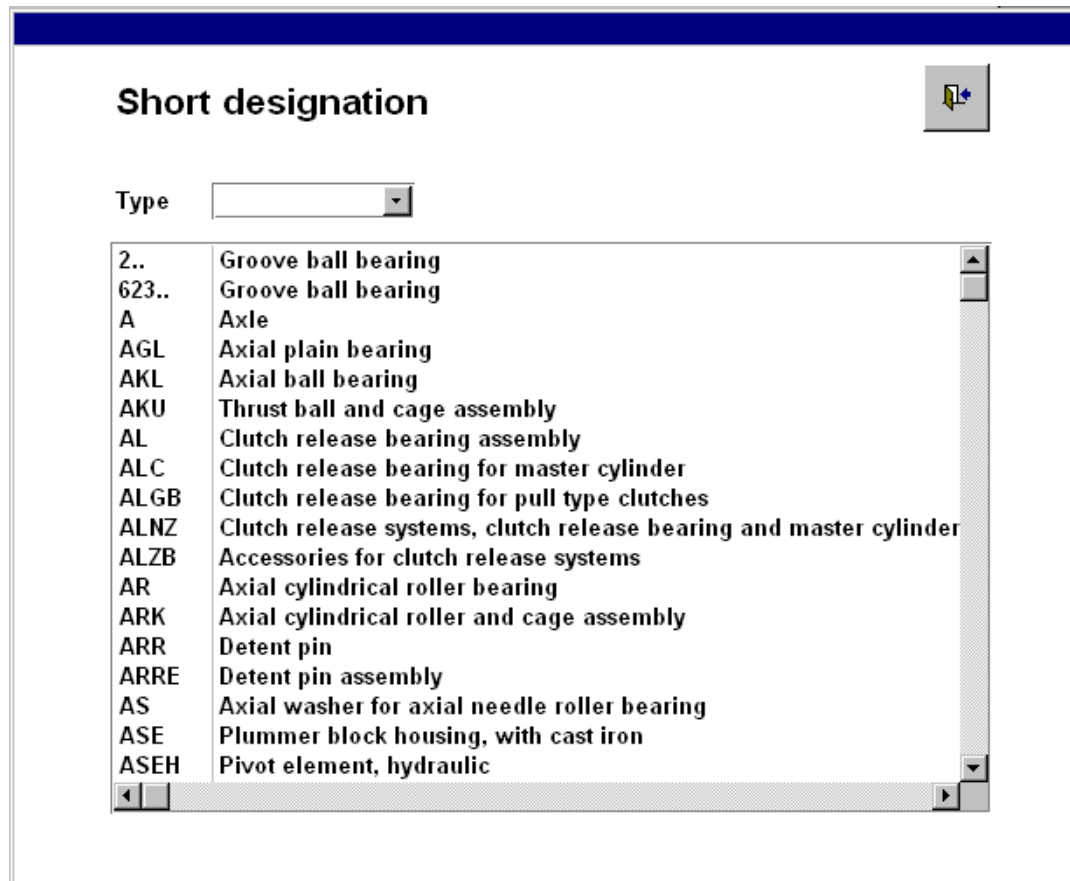
Comment

Here you are given important and interesting information about the selected INA component.

Short designation



When you press the key **Short designation**, a window opens, containing explanations of all the abbreviations used. You can either use the scroll bar to search or you can enter the desired expression in the box **Type** and confirm with Return. The desired explanation then appears immediately on the screen.



To Interchange



INA product

- INA number
- Type
- Description
- Main group
- Subgroup
- Item no.
- Size

Interchange

INA

INA number

F- 35364

Manufacturer

Manufacturer

Peugeot

Equivalent

Equivalent

INA A/M no. History

OE number

Interchange number

OES number

204121

Product information

Size

34,15x68,00x37,50

Packaging unit

24

Additional	Vehicle	Location	Illustration
Kit information	Comment	Short designation	Interchange

The key **To Interchange** is always active and leads you back to the Interchange query.

In the Interchange query, the part which you have selected in the Product information dialog is displayed.

Vehicle INA reference



Vehicle INA reference

Manufacturer:

Model series:

Model type	KW	HP
315	55	75
316	66	90
316 (Ecotronic)	66	90
316 i	73	100
316 i	75	102
316 i	75	102

Model year from:

Capacity in cc:

Cylinders:

Valves:

Engine code:

Model year to:

Vehicle type:

Chassis:

Engine type:

KBA no.:

The **Vehicle INA reference** lists all the vehicle models known to us at the time of printing, sorted by manufacturers.

To select, please enter the **Manufacturer** name or select it in the selection list.

The selection list for the Model series will then open. Select the desired model series. As a result, you will be given a list with all model types. Select the desired model from the **Model type** list by clicking on it.

As a result, you will be shown the list below.

Parts in vehicle

If you would like to know which INA parts are installed in the selected vehicle, please click on the key **Parts in vehicle**.

KBA number

The KBA number corresponds to the key numbers under 2) and 3) in the vehicle certificate.

Vehicle INA reference



INA parts in vehicle

Type	INA A/M no.	Main group	Subgroup
BSRE	F-220090.1	Belt drive components	Tension pulleys
BSR	F-220259.2	Belt drive components	Tension pulleys
RSH	F-227251-100	Belt drive components	Hydraulic belt tensioners
BSRE	F-229515	Belt drive components	Tension pulleys
RSEH	F-231290	Belt drive components	Hydraulic belt tensioners
AL	F-208660	Clutch release systems	Clutch release bearings
TSTHI	F- 46580.15	Engine components	Valve lash adjustment elements
KSEH	F- 46816.8	Engine components	Chain drive components
KSR	F-212413.2	Engine components	Chain drive components

For further information, please click on INA A/M no.

M 10 B 16 (1B2)

0005437

Parts in vehicle

If you press the key **Parts in vehicle**, you are given a list of all the INA parts that are installed in the selected vehicle.

If you click on an individual element in this list, you move to the relevant page with the **INA Product information**.

Kit query



Kit and unit query

Group:

Supplier:

Designation:

INA parts:
F-110937
F-140057.1
F-140073.3

For further information, please click on IIA A/M no.

Kit and unit query

You have a particular module of a supplier and would like to know which INA parts are installed in it.

Please first select a **Group** in the selection box. Then the selection box **Suppliers** is opened; select the supplier.

The box **Designation** opens. After you have selected the product designation, you will be shown a list of all the **INA parts** used in the product.