User Manual

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0 FOREWORD

The new databank website is formed by two different sections for wheel aligners and brake testers. This manual is about the functionalities related to the wheel aligners and their data bases.

Any PC with an internet connection can access to the website functions.

When request, select the option “Wheel Aligner” to access the related functionalities.

The home page of the wheel aligners section will open.

In the left side menu, it is possible to select the following operations:

1. **SMART CARD**: from here it is possible to download the token, the config and the databank to update or activate the aligner databank. This is the section that will be described in this manual.

2. **TOKEN PACKAGES**: from here it is possible to access a reserved area, in which the tokens bought in a packet can be linked with the desired smartcard. ID and PSW are sent when the purchase has been completed. You can refer to the specific manual.

3. **SW UPDATE**: to fully use the latest releases of the databank it is mandatory to always update the SW to the latest available version.
Select the option SMART CARD to open the related section.
In the left side menu, it will appear the option to download this manual and download it as a .pdf file in the selected languages (see ref. 4).
It is possible to download the most recent SW update patch also using the link highlighted in the picture below (see ref. 3).
1 SETTINGS TO ENABLE THE POP-UPS

To download the files from the databank web site, POPUP must be enabled. The procedure to enable them varies depending on the browser you are using.

1.1 If you have Chrome
Select the Settings menu.

Select "Settings".
Select "Advanced".

Scroll down to "Privacy and security" and select "Content Settings".
Scroll down to "Popup".

Select the option “Blocked” and change it in “Allowed”.

Now you can download the token and the database.

1.1 If you have Firefox
Select the Settings menu.
Select "Options".

Select the "Privacy & Security" menu.

In the section “Permission”, remove the check mark in "Block Pop-up windows".

Now you can download the token and the database.
1.2 If you have Internet Explorer

Select the Settings menu.

Select "Internet Options".

Select the "Privacy" tab.

Remove the check mark in "Turn on Pop-up Blocker".

Click on "Apply" and confirm with "OK".

Now you can download the token and the database.
2 DATA BANK ACTIVATION AND FIRST INSTALLATION.  
Token and data bank download.

It’s possible to download the two files needed for the installation: the token and the data bank files.

Connect to the data bank website highlighted in the SMART CARD.

Enter the number of the new smart card (under the bar code) and click on the specific button Search.

In our example, the card number is 3D000002999999.

NB: if the smart card number entered is not valid, a message on screen warns the user. Check that the number entered is write correctly.
Note: The new token ready to be generated, is highlighted by a green star ★, meaning that the token has never been downloaded and so never generated.

Click on 3D000002999999, generating in this way the token with the latest version of databank available on the server.

When the operator chooses to download and generate the token with the green star ★, are requested the information of the installer technician’s company and of the customer. These data will be at disposal of the technical assistance to manage the warranty.

The information requested varies depending on the State of installation: if in the USA or Canada, the form is different from the rest of the world. Choose the correct form selecting the flag in the upper right corner of the screen.

ALL THE FIELDS ARE MANDATORY AND THE DATA ENTERED MUST BE TRUTHFUL, or it will not be possible to download the token.
- If working outside North America:

If the flag chosen in the upper right side of the screen is not the USA’s, then this form below will appear.

In the form on screen, enter:
- company name of the installer;
- address of the installer;
- company name of the customer;
- address of the customer;
- email address of the customer.

It is important to enter the correct data for future traceability of the machine and to ensure that the customer is informed about new database updates.

The warranty period of the equipment starts in this moment, even if the aligner has been in stock until now.

Press the button ACTIVATION and the token will be activated and downloaded.

NOTE: FROM THE MOMENT WHEN THE TOKEN HAS BEEN DOWNLOADED FROM THE FIRST TIME, THE CUSTOMER HAS THREE MONTHS BONUS TO DOWNLOAD ANY POTENTIAL NEW DATA BANK UPDATE (see chapter 4). Only for the 3D aligners models HPR, this time last 2 years.
**- If working in North America:**

Choose the flag depicting the USA’s flag. The following form will appear.

In the form on screen, enter:
- company name of the installer;
- company name of the customer;
- address of the customer;
- email address of the customer.

It is important to enter the correct data for future traceability of the machine and to ensure that the customer is informed about new database updates.

*The warranty period of the equipment starts in this moment, even if the aligner has been in stock until now.*

Press the button **ACTIVATION** and the token will be activated and downloaded.

**NOTE:** *FROM THE MOMENT WHEN THE TOKEN HAS BEEN DOWNLOADED FROM THE FIRST TIME, THE CUSTOMER HAS THREE MONTHS BONUS TO DOWNLOAD ANY POTENTIAL NEW DATA BANK UPDATE (see chapter 4). Only for the 3D aligners models HPR, this time last 2 years.*
After the token download, the page will show:
- the date of the last download of the token (that will change every time the token is downloaded) and the database release that that token allows to use;
- the DB release available as a free update and its date of release (see chapter 4 for further details);
- the more recent DB release existing and its release date;
- the starting date of the warranty;
- the date of creation of the smartcard config file in factory;
- the status of the token update: if it’s not updated it will be shown the button “Check Before Buy” (from which it is possible to see the vehicles that would be added if an update will be purchased - see chapter 5);
- the link to download the data bank associated with the SMART CARD.

**Download the data bank clicking on its icon** (in the example it is STDA110.zip).

**Available data banks:**
- STDA110: data bank for cars aligner
- STDA110U: data bank for cars aligner, only for North America
- STDA112: data bank for cars aligner, only for Australia
- STDA137: data bank for trucks aligner
- STDA137U: data bank for trucks aligner, only for North America
Once clicked on the data bank icon to download it (in our example STDA110.zip), the website will show the following page: read carefully the Legal Notice and accept it.

If the Legal Notice is not accepted, it will not be possible to go on with the database download. Accept both the conditions and click on the download button, now visible.

The compressed file STDA110_DB_Std.zip will be downloaded on the PC. When the download is finished, close the browser.

2.1 How to prepare the USB drive supplied.

Open the PC folder where the files have been saved (usually it is called “Download”).
Select the token and copy it.
Plug the USB drive supplied with the SMART CARD.
Open the folder “AS9” on the USB drive and paste the token inside it.

The USB drive now contains the certificate, the config and the token, as shown in the picture above.
Go back to the download folder.
Unzip the data bank file: click on its icon with the right button of the mouse and select the option “Extract All”. When finished, open the new folder that contains another folder called “AS9”.
In our example, the content of STDA110 is this one:

Copy and paste everything in the folder AS9 on the USB drive supplied with SMART CARD.
The folder AS9 now contains the certificate, the config, the token and the data bank files of the aligner ready for the installation.

To proceed with the installation of the token and the data bank on the equipment, see chapter 3.

N.B.: to proceed with the installation of the data bank, be sure to have on the USB drive one and only one folder called AS9 and that it contains the files shown above.
2.2 How to prepare a generic USB drive

In the same page of the data bank website from where the token and the data bank have been downloaded, download also the config file, as highlighted in the picture below.

When the download is finished, close the browser and open the PC folder where the files have been saved (usually it is called “Download”).

Select the token and copy it.

Plug any USB drive.

Create in the root a new folder and call it AS9. Open this new folder and paste the token.

Go back to the download folder, select the config folder and copy / paste it in the same folder AS9.

Go back to the download folder.

Unzip the data bank file: click on its icon with the right button of the mouse and select the option “Extract All”. When finished, open the new folder that contains another folder called “AS9”. In our example, the content of STDA110 is this one:

Copy and paste everything in the folder AS9 on the USB drive.
The AS9 folder now contains the config, the token and the data bank of the aligner ready for the installation.

<table>
<thead>
<tr>
<th>Nome</th>
<th>Ultima modifica</th>
<th>Tipo</th>
<th>Dimensione</th>
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<td>File ENC</td>
<td>2 KB</td>
</tr>
</tbody>
</table>

To proceed with the installation of the token and the data bank on the equipment, see chapter 3.

**N.B.:** to proceed with the installation of the data bank, be sure to have on the USB drive one and only one folder called AS9 and that it contains the files shown above.
3 DATA BANK AND TOKEN INSTALLATION IN THE ALIGNER SW

**N.B.:** before proceeding with the data bank installation, double check that the aligner program is updated to the latest version available (see chapter 0).

### 3.1 Selecting the type of installation

Depending on the condition of the SW it may be necessary to carry out two different installation paths.

To understand which procedure to carry out, see the keys present on the initial page of the program.

- **If the following keys are shown (data bank update or Dummy Mode):**

  ![Keys Image](image)

  The wheel aligner is working with old data bank or in “Dummy Mode” (only one generic vehicle is showed with no data and no databank loaded). Loading in this wheel aligner the token and the data bank means that the wheel aligner is ready to work with its data bank.

  If this is your case, proceed with the installation described in [chapter 3.2](#).

- **If the following keys are shown (F3, the yellow button with dots):**

  ![Keys Image](image)

  This page occurs because it is the first time that the wheel aligner software is installed on a new or formatted PC.

  Proceed with the installation described in [chapter 3.3](#).
3.2 Installation after using the aligner with an outdated data bank or in Dummy Mode.

The aligner has been used with a previous version of the data bank or is working in Dummy Mode (without enabling the data bank).

From the initial page press the F2 button to enter the configuration menu.

Select Database Management with F2/F3 keys and then press F4 to confirm.
Select Database Management with F2/F3 keys and then press F4 to confirm.

Once opened the Database Management page, you’ll see the following page. Double check that the USB drive has been detected (the USB drive image must a green tick). **Press F4 to import the data bank.**

Press F4 to confirm.
After a moment, a black window will appear. Write Y (capital letter) to start the files copy and press ENTER.

When the data bank is copied on the wheel aligner system, a message appears in the window: “Done. Press any key to proceed”. Press any key to proceed and the window will close.

Press F3 to copy the token file in the proper folder of the wheel aligner.
Press F4 to confirm.

DATABASE:

SMART CARD: 3D 000 002 999999

Press the space bar to terminate the operation.

DATABASE:

SMART CARD: 3D 000 002 999999
The token and data bank installation is complete.
Press F1 to finish the procedure.

Confirm with F1 or F4.

The SW will close, showing the Windows desktop.
Restart the wheel aligner program clicking on the icon “Aligner AS9” on the Windows desktop.
The program will start and load the data bank.

**NOTE:** if it would not be possible to manually restart the aligner program, we suggest turning the PC off and on again, so that the aligner program will restart automatically.
3.3 First data bank installation on a PC where the wheel aligner program is installed for the first time (after format or uninstallation).

Plug the USB drive to the aligner PC (previously prepared, see chapter 2).
From the initial page, press F4 to load the files contained in the USB drive.

The program will show the image below. Double check that the USB drive has been detected (the USB drive image must a green tick).
Press F4 to import the data bank.
Press F4 to confirm.

After a moment, a black window will appear. Write Y (capital letter) to start the files copy and press ENTER.

When the data bank is copied on the wheel aligner system, a message appears in the window: “Done. Press any key to proceed”. Press any key to proceed and the window will close.
Press F3 to copy the token file in the proper folder of the wheel aligner.

Press F4 to confirm.
Press the space bar to terminate the operation.

The token and data bank installation is complete.
Press F1 to finish the procedure.

Confirm with F1 or F4.

The SW will close, showing the Windows desktop.
Restart the wheel aligner program clicking on the icon “Aligner AS9” on the Windows desktop.
The program will start and load the data bank.

**NOTE:** if it would not be possible to manually restart the aligner program, we suggest turning the PC off and on again, so that the aligner program will restart automatically.
4 UPDATES. Download subsequent tokens.

A data bank update purchased or that comes in the three months of “automatic” updates provided with a recent purchase (2 years, if the aligner is 3D model HPR), is highlighted by a yellow star ¥ simply indicating the presence of a new token not yet downloaded.

Connect to the data bank website highlighted in the SMART CARD.

Enter the number of the new smart card (under the bar code) and click on the specific button Search.

In our example, the card number is 3D000002999999.

NB: if the smart card number entered is not valid, a message on screen warns the user. Check that the number entered is write correctly.
In the smartcard page you’ll see:
- The yellow star, meaning that an updated token is available;
- The information of the last token downloaded and DB release allowed by it;
- The last free update available, ready for the download;
- The most recent DB release and its release date;
- The activation date, starting of the warranty period;
- The date of creation of the config file in factory;
- The availability of a DB update to be purchased.

When the yellow star is present, there are 2 different possible situations.

1. **Free update available, but not the most recent release:**

   - The “free” update field shows the last DB release available for free and ready for the download. In our example: DB 24 released the 16th of February
   - The most recent DB has been released after the date of the last free update. To have it, it needs to be purchased. In our example: DB 24.02 released the 22nd of May

   ![Image of Smart Card - 3D000002999999 Data]

2. **Free update available equal to the most recent release or update purchased:**

   - The “free” update field shows the last DB release available for free and ready for the download. In our example: DB 24.03 released the 16th of June
   - The most recent DB has been released. In our example: DB 24.03 released the 16th of June: the same already available.

   ![Image of Smart Card - 3D000002999999 Data]
Click on 3D000002999999, downloading in this way the token that gives the right to use the data bank version purchased.

IMPORTANT: if a data bank update has been purchased, be sure that the data in the field “Last Update Release” are equal to the ones in “Free Update Available for you”, so that you’ll not download a token not updated.

Once the token is downloaded no star will be present (it is always possible to download again the same token clicking on its link) and the data in the field “Last download” are the same as “Last Update Release”. From now on it is possible to download the data bank associated with the SMART CARD:

Once clicked on the data bank icon to download it (in our example STDA110.zip), the website will show the following page: read carefully the Legal Notice and accept it.

If the Legal Notice is not accepted, it will not be possible to go on with the data bank download. Accept both the conditions and click on the download button, now visible.

The compressed file STDA110_DB_Std.zip will be downloaded on the PC. When the download is finished, close the browser.
4.1 How to prepare the USB drive supplied.

Open the PC folder where the files have been saved (usually it is called “Download”).
Select the token and copy it.
Plug the USB drive supplied with the SMART CARD.
Open the folder “AS9” on the USB drive and paste the token inside it.

![USB drive preparation](image)

The USB drive now contains the certificate, the config the old and the new token, as shown in the picture above. Proceed to put also the new data bank files.

Go back to the download folder.
Unzip the data bank file: click on its icon with the right button of the mouse and select the option “Extract All”. When finished, open the new folder that contains another folder called “AS9”.
In our example, the content of STDA110 is this one:

![Data bank folder](image)

Copy and paste everything in the folder AS9 on the USB drive supplied with SMART CARD.
The folder AS9 now contains the certificate, the config, the token and the data bank files of the aligner ready for the installation.
To proceed with the installation of the token and the data bank on the equipment, see chapter 3.

N.B.: to proceed with the installation of the data bank, be sure to have on the USB drive one and only one folder called AS9 and that it contains the files shown above.
4.2 How to prepare a generic USB drive

Open the PC folder where the files have been saved (usually it is called “Download”).
Select the token and copy it.
Plug any USB drive.
Create in the root a new folder and call it AS9. Open this new folder and paste the token.

Go back to the download folder.
Unzip the data bank file: click on its icon with the right button of the mouse and select the option “Extract All”. When finished, open the new folder that contains another folder called “AS9”.
In our example, the content of STDA110 is this one:

Copy and paste everything in the folder AS9 on the USB drive.
The AS9 folder now contains the token and the data bank of the aligner ready for the installation.

To proceed with the installation of the token and the data bank on the equipment, see chapter 3.

N.B.: to proceed with the installation of the data bank, be sure to have on the USB drive one and only one folder called AS9 and that it contains the files shown above.
5  CHECK BEFORE BUY — how to check the content of a new update.

Il CBB allows the user to see the vehicles added after the last update purchased and downloaded. When present, click on the button Check Before Buy.

A list of the added vehicles will be shown on screen:

N.B.:
If, after having correctly downloaded a token with the yellow star ⭐, the button “Check Before Buy” is still present, this means that the downloaded update wasn’t giving access to the latest available data bank release (it was an update outdated). Check the info in the field “Last Update Release” for more details. With the functionality CBB it is possible to see which vehicles have been added from the date of the last token modification until the release date of the most recent data bank.
6 POSSIBLE ISSUES

6.1 USB drive not plugged

If the icon of the USB drive is shown with a red cross on it, then the USB drive is not correctly plugged on the wheel aligner PC.

Check that the USB drive is well plugged on the wheel aligner PC.
Press F1 to go back to the logo page. Now press CTRL+W to exit the wheel aligner program. Open the USB drive folder. If the USB drive doesn’t work, change the USB drive and repeat the procedure described in chapters 2 or 4.

6.2 AS9 folder missing, empty or in wrong position

If it is not possible to see the buttons F3 and F4, then the folder AS9 has not been created correctly inside the USB drive, as explained in this manual.

To create the AS9 folder, follow the procedure described in chapters 2 or 4.
6.3 Data bank missing or more than one AS9 folder in the USB drive

If the button F4 is not shown, then:
1. Inside the folder AS9 created in the USB drive there are no data bank files. To have them, follow the procedure described in chapters 2 or 4.
2. Inside the USB drive there are more than one AS9 folders. Delete the unnecessary AS9 folders and create only one, as described in chapters 2 or 4.

6.4 Wrong or missing database

If the page warning that the database is wrong or missing appears on screen, proceed as follow:
1. Check which database has not been found by the system. Its name is written in the right side of the screen.
2. Check that the software version installed is the most updated (see chapter 0).
3. Check that in the USB drive, inside the AS9 folder, there is the file that has the same name as the missing database (see chapters 2 or 4).
4. Correct where necessary and repeat the data bank installation (see chapter 3).