



ALWAYS A  
BETTER WAY

# Toyota-ISTA Installation manual



Integrated Service Technical Application

**Toyota Service Workshop system**

Cases Vehicle information Vehicle management Service plan

Name	Date
ISTA version 4 T2 - Contents and notes, diagnosis	24/05/2018
ISTA usage note	23/03/2018



# Toyota ISTA implementation > PC and OS specifications

In order to install the Toyota ISTA software necessary for performing the diagnostic on the new Toyota Supra your diagnostic PC must respect the following **pre-requirements**:



## Software requirements:

### Operating system:

- Windows 7 on **64 bits** ( Windows 7 32bits is **NOT supported!**)
- Windows 10 Professional/Enterprise ( 64bits)

### Required software:

- Microsoft .NET Framework from v.4.7 or higher
- Microsoft Visual C++ Redistributable Packages for Visual Studio **2013** and **2017**
- G T S (Techstream) 14.10.033** minimum version

## Hardware requirements:

- Processor:** min frequency of 2.2 GHz, **recommended I5**
- RAM:** minimum 8Gb
- Storage:**
  - minimum total size 256 Gb ( SSD or HDD)**
  - minimum free space on disk 100 GB!**
- Screen resolution:** minimum 1280X1024,screen rotation disabled
- Internet Explorer 11/Google Chrome.
- Internet connection ( without Proxy)**
- Run under PC admin account**





## **Important: Usage of existing vehicle interface is not allowed!**

Diagnostic on new Toyota Supra is NOT possible via :

- Mongoose Pro Toyota 2 Bluetooth ( Pro MFC2BT)
- Mongoose TS2+
- Denso VIM
- **Any other device compliant with J2534 standard**

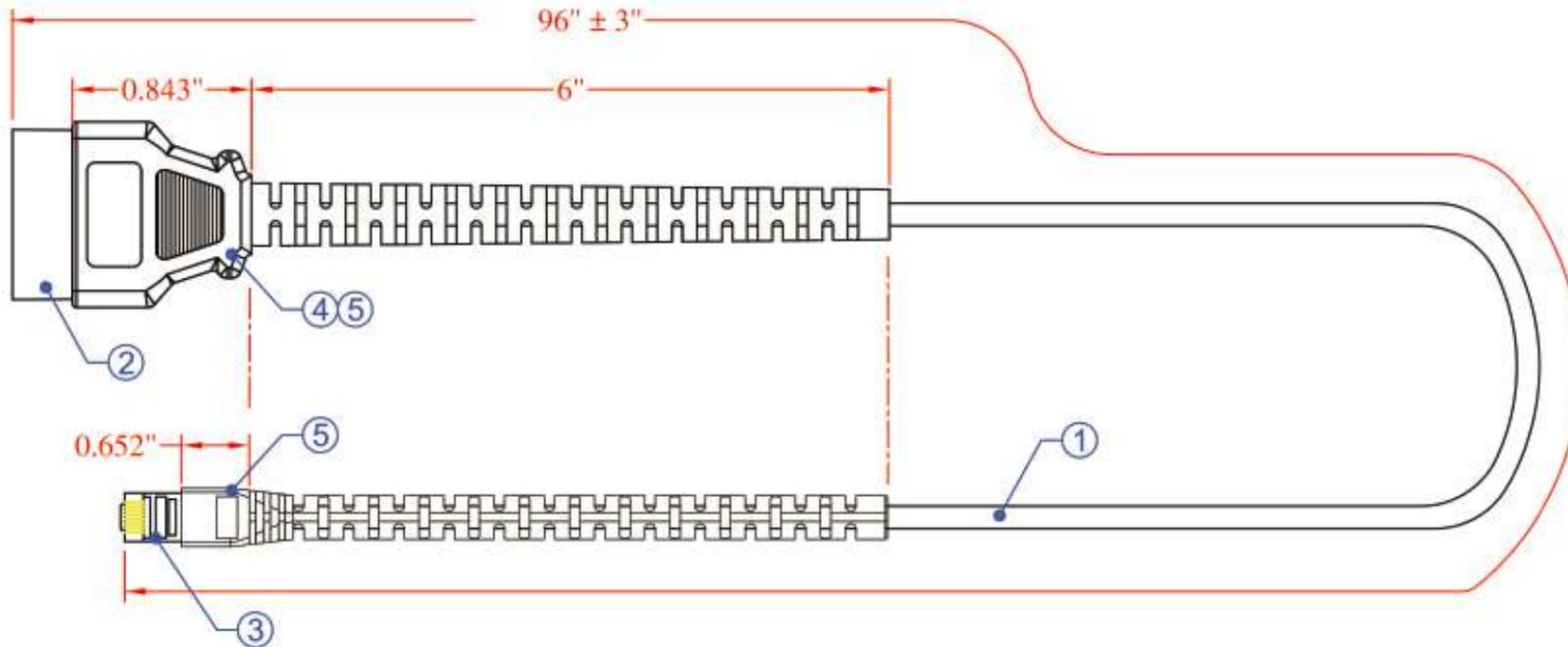


**Warning:** the usage of existing USB interfaces such as Denso VIM, Drewtech Mongoose (any) TS2+ or any other generic J2534 interface is not supported and can lead to damages towards vehicle components!

**For New GR Supra only the usage of ISTA LAN cable recommended.**

# ISTA LAN Diagnostic cable

**Important:** Diagnostic on GR Supra will be done only using the dedicated Supra LAN cable



1. Please make sure to order timely the cable in order to be prepared in the eventuality of needing to work on the new Toyota Supra.
2. Please keep in mind that for diagnostic and repair (including PDS) of the New Toyota Supra, this cable is MANDATORY!

# What do you need to know about Toyota ISTA

- **Toyota ISTA** it is **dedicated** and **limited** to be used only on the New Toyota Supra. Other Toyota models continue to be supported via Techstream.

## IMPORTANT:

**Toyota ISTA is an “all-in package”** containing not just the necessary software for diagnostic but also the ECU calibration if this operation is requested as part of a repair plan or Toyota requested action.

So in order to assure a correct diagnostic and repair **it is mandatory to use always the newest software.**

**If your version is inferior to the one latest available on the <https://www.toyota-tech.eu> site, please always update to latest!**



# What do you need to know about Toyota ISTA



- File size- Importance of Internet connection speed and disk space

- ISTA Installer is approximately 10GB.
- ISTA Installed will approximately require 20GB of disk space.

**Disk space:** Make sure you have reserved at least **100 GB** for usage of ISTA



**Accumulating Repair History**  
and Tool database updates

**Installed ISTA =**  
approx. 20 **GB**

# Internet connection requirements

Internet connection requirements	Quantity
Minimum bandwidth for Download [Mbit]	10 Mb/s
<u>Recommended</u> bandwidth for Download	20 Mb/s
Minimum bandwidth <u>for upload</u> [Mbits]	2 Mb/s
Latency ( ping speed)	100 ms

**Important:** The IP address does NOT change during a diagnostic session



# Step by step guidance for installation



# Step 1 (if applicable): Uninstall previous ISTA version

**Important:** If you had installed a **previous (older) version** of Toyota ISTA it is mandatory that you first UNINSTALL this one from Control Panel before continuing with the installation of the latest version!

This process is MUST be followed at every new installation!

Control Panel Home

Uninstall or change a program

To uninstall a program, select it from the list and then click Uninstall, Change, or Repair.

Organize Uninstall Repair

Name	Publisher	Installed On	Size	Version
Calibration Update Wizard	Toyota Diagnostics	1/28/2019	122 MB	8.26.1
CamStudio 2.7.4	CamStudio Open Source	2/6/2019	39.6 MB	2.7.4
Compatibility Pack for the 2007 Office system	Microsoft Corporation	4/24/2018	67.9 MB	12.0.6514.5001
FiddlerCap		2/20/2019		
Google Chrome	Google Inc.	2/27/2019	434 MB	72.0.3626.119
GTS Websocket	Toyota Motor Europe	4/29/2018	1.98 MB	1.0.0.20
GTS_Chrome_Starter_Installer	Toyota Motor Europe	7/9/2018	24.0	
ImageGlass	Duong Dieu Phap	2/14/2019	25.7	
Intelligent Viewer	LEXUS	4/24/2018	20.8	
ISTA for J29	BMW Group	2/22/2019	29.5	
J2534 MongOOSE Pro MFC2	Drew Technologies, Inc.	4/28/2018	46.0	
J2534 MongOOSE Pro MFC2 BT Drivers	Drew Technologies, Inc.	5/1/2018	37.2	
J2534Toolbox 3 Installer	J2534 LLC	4/28/2018	58.5	
Java 8 Update 60	Oracle Corporation	4/24/2018	176	
Microsoft Office Excel Viewer	Microsoft Corporation	4/24/2018	145 MB	12.0.6219.1000
Microsoft Office Word Viewer 2003	Microsoft Corporation	4/24/2018	53.0 MB	11.0.8173.0
Microsoft OneDrive	Microsoft Corporation	4/30/2018	103 MB	18.044.0301.0006

BMW Group Product version: 4.15.34.17448  
Size: 29.5 GB

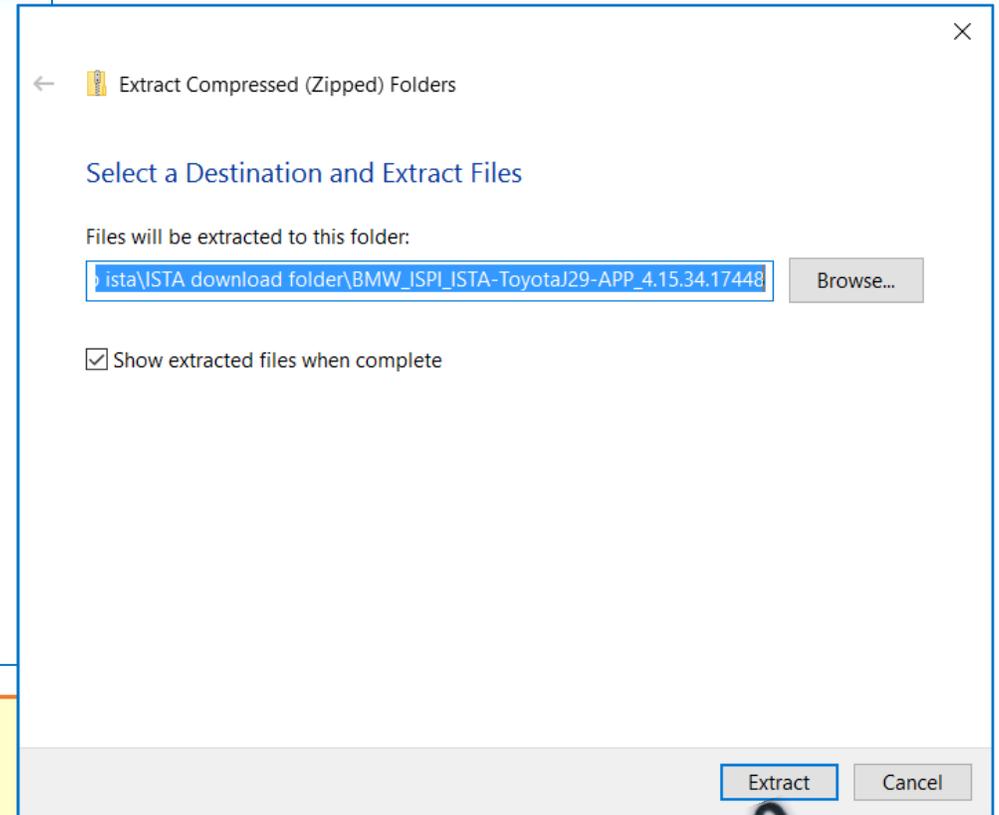
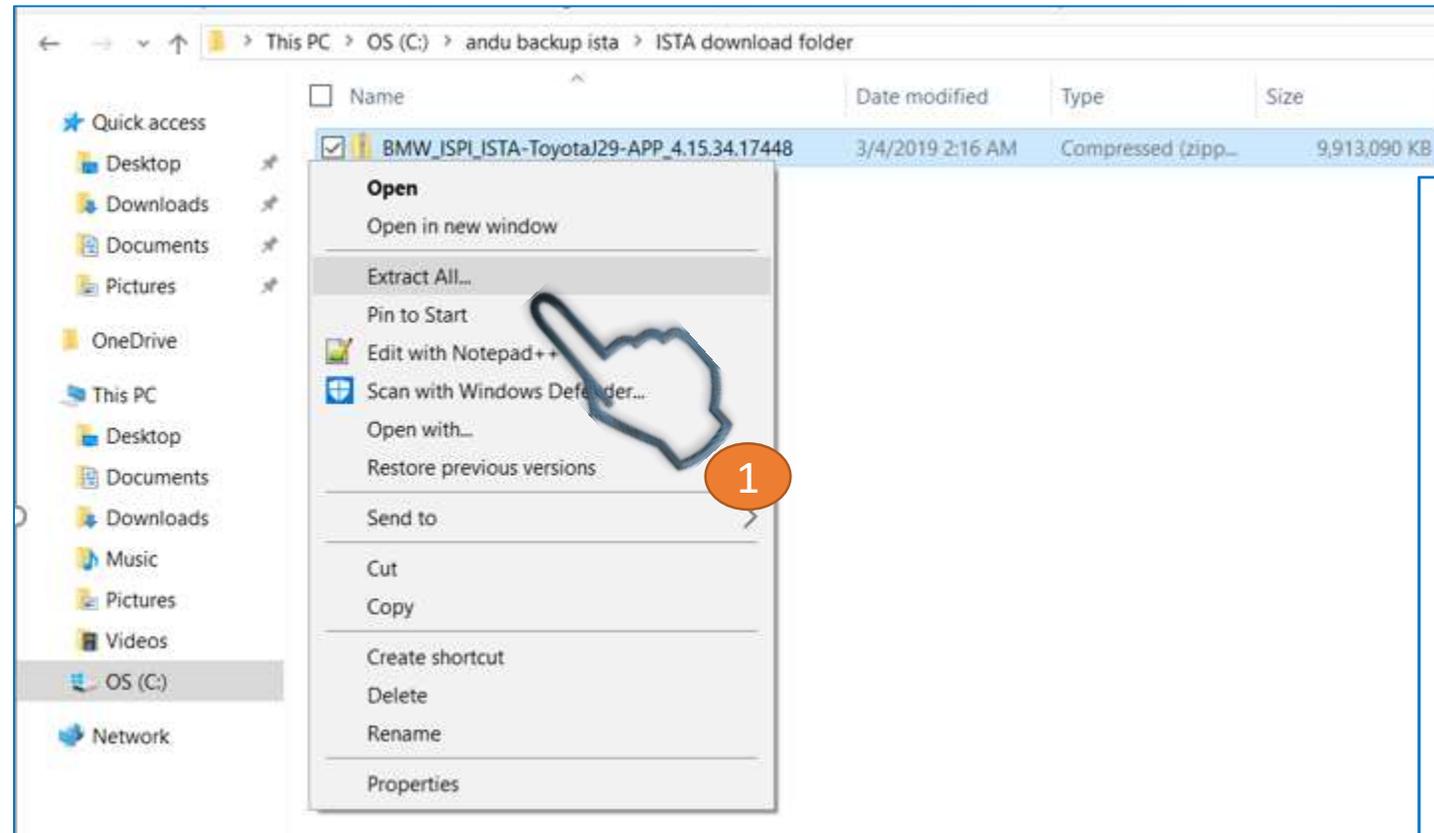
Programs and Features

Are you sure you want to uninstall ISTA for J29?

In the future, do not show me this dialog box

Yes No

## Step 2: Once you have downloaded the latest ISTA version

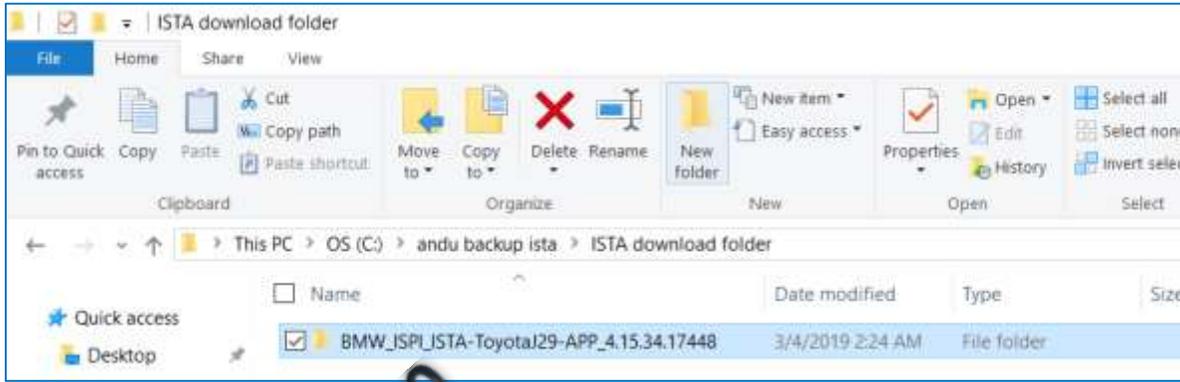


At the end of your successful download you should have now an archive file of ~10 GB.

**Before proceeding** please make sure that you have at least **40 GB left free on your hard disk!**

Once you are ready please do a right click and select **Extract all** or **Extract** -if you are using a dedicated archive manager.

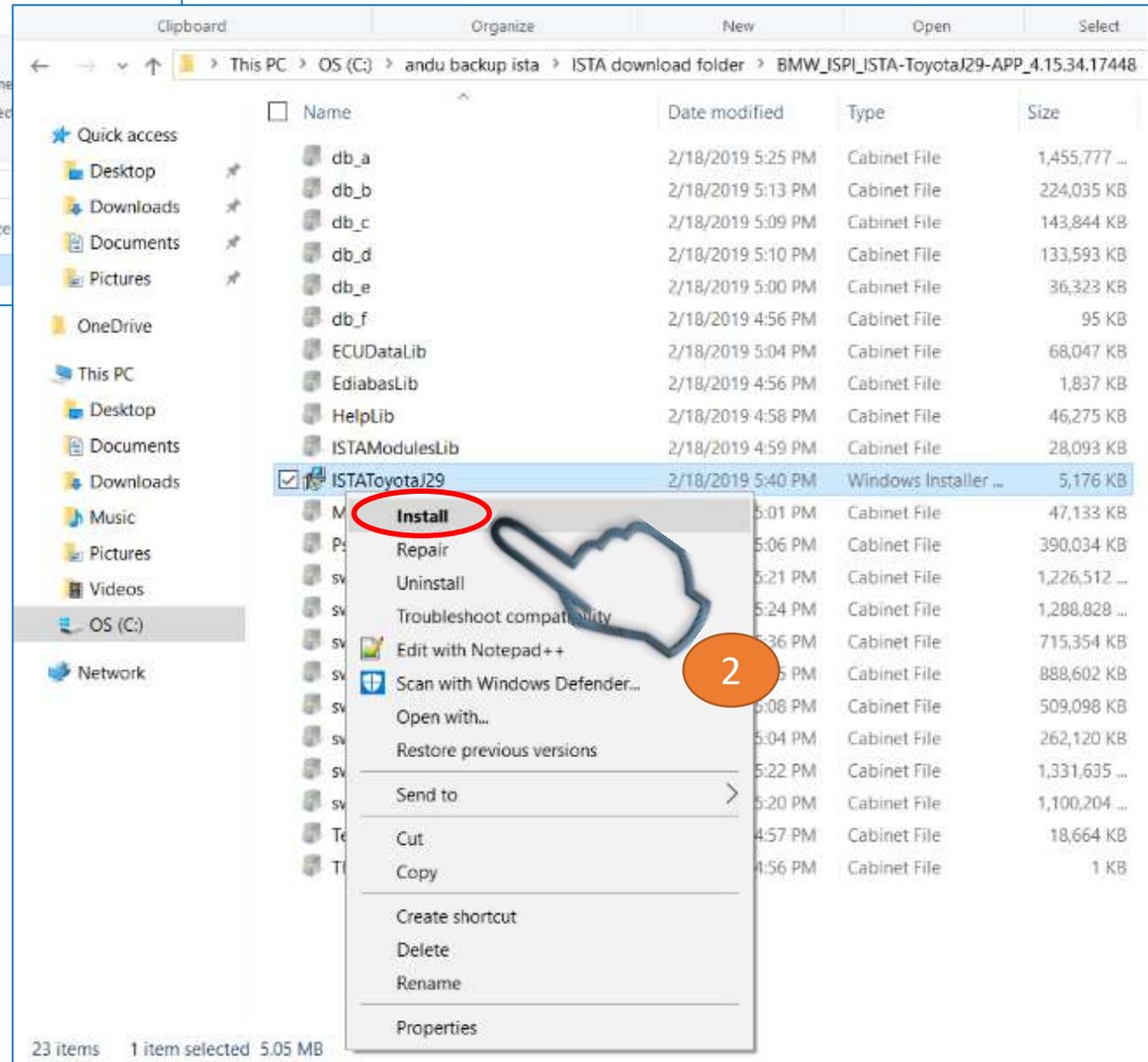
# Step 3: ISTA installation



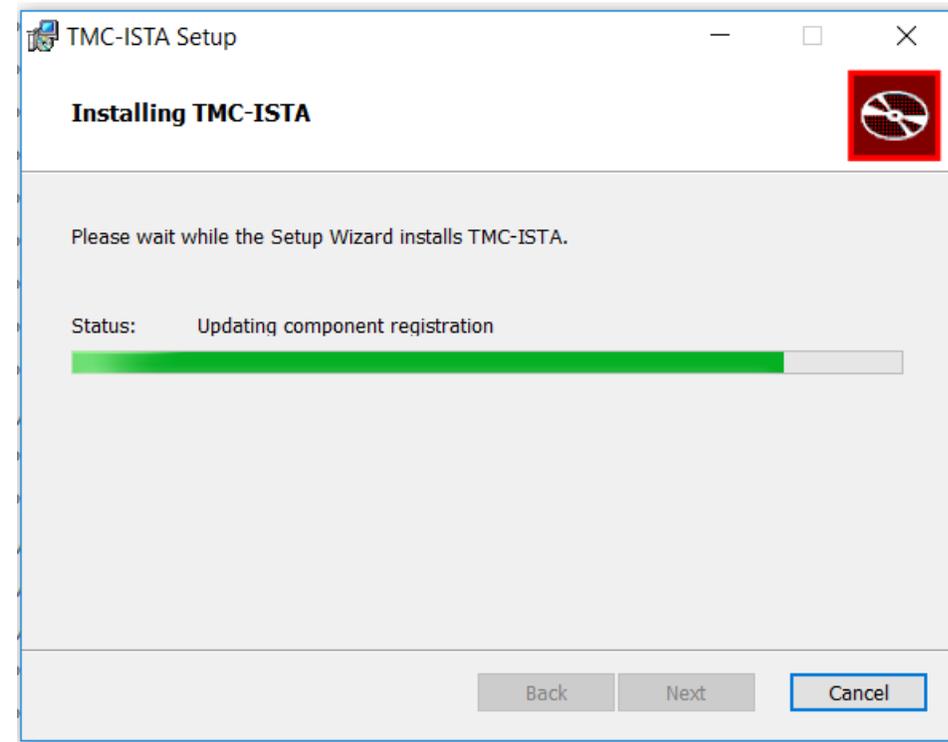
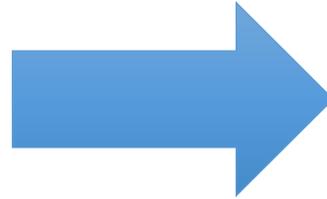
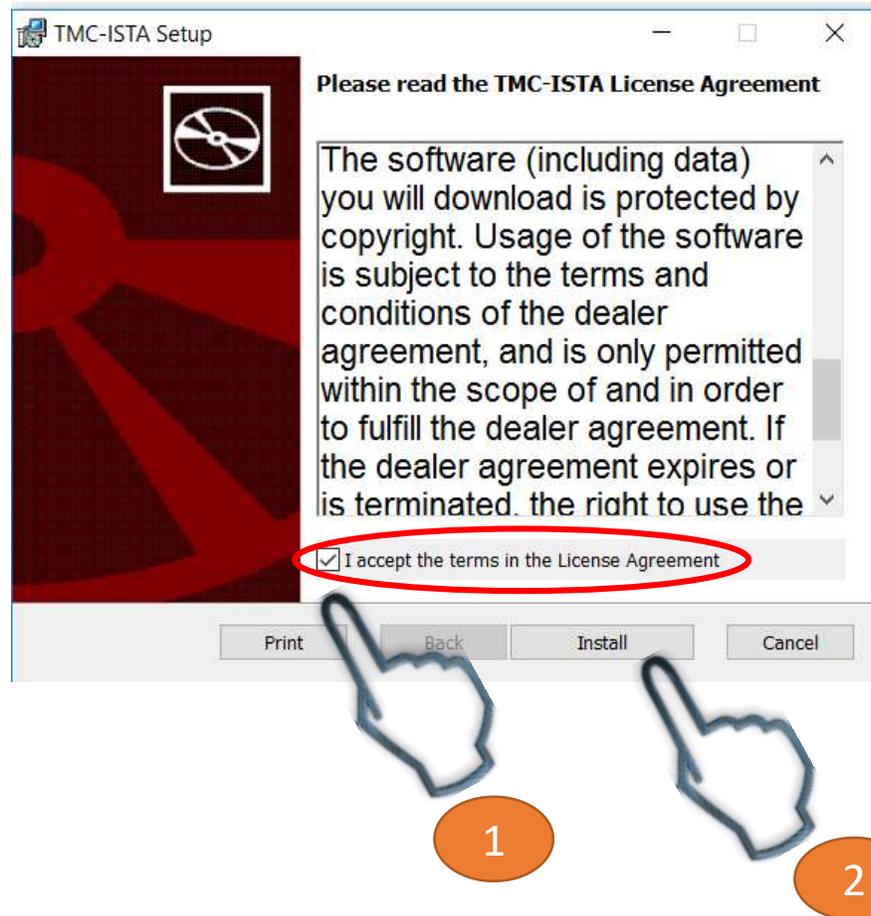
At the end of your de-archiving process you will obtain a folder with the corresponding name. double click in order to get into this folder.

Once inside the ISTA folder, please scroll down and locate the executable file named **ISTAToyotaJ29**.

Right click on **ISTAToyotaJ29** and select the option **Install**.



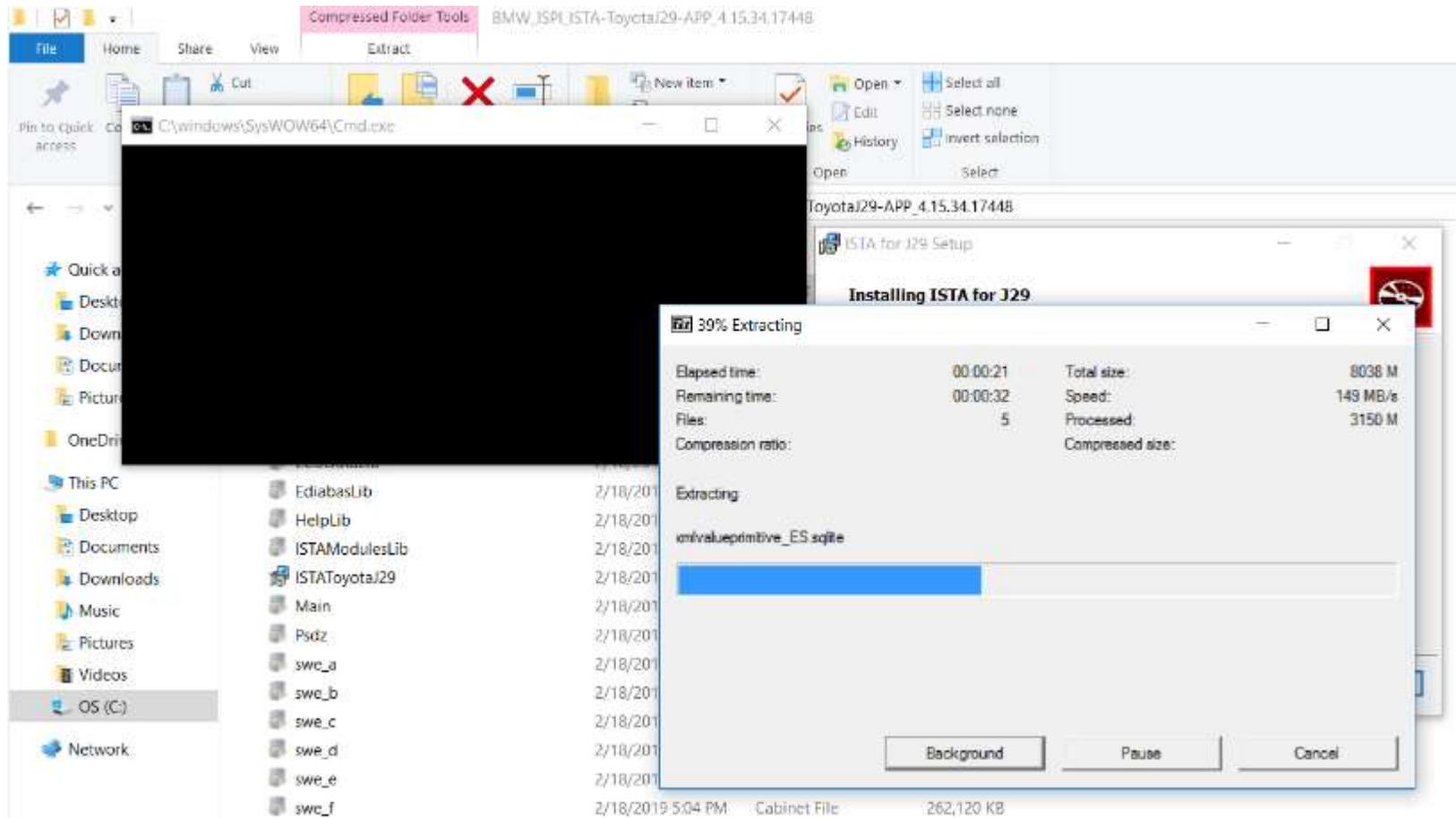
# Step 3: ISTA installation



Immediately after the start of the installation the ISTA installer will display a Software License agreement.

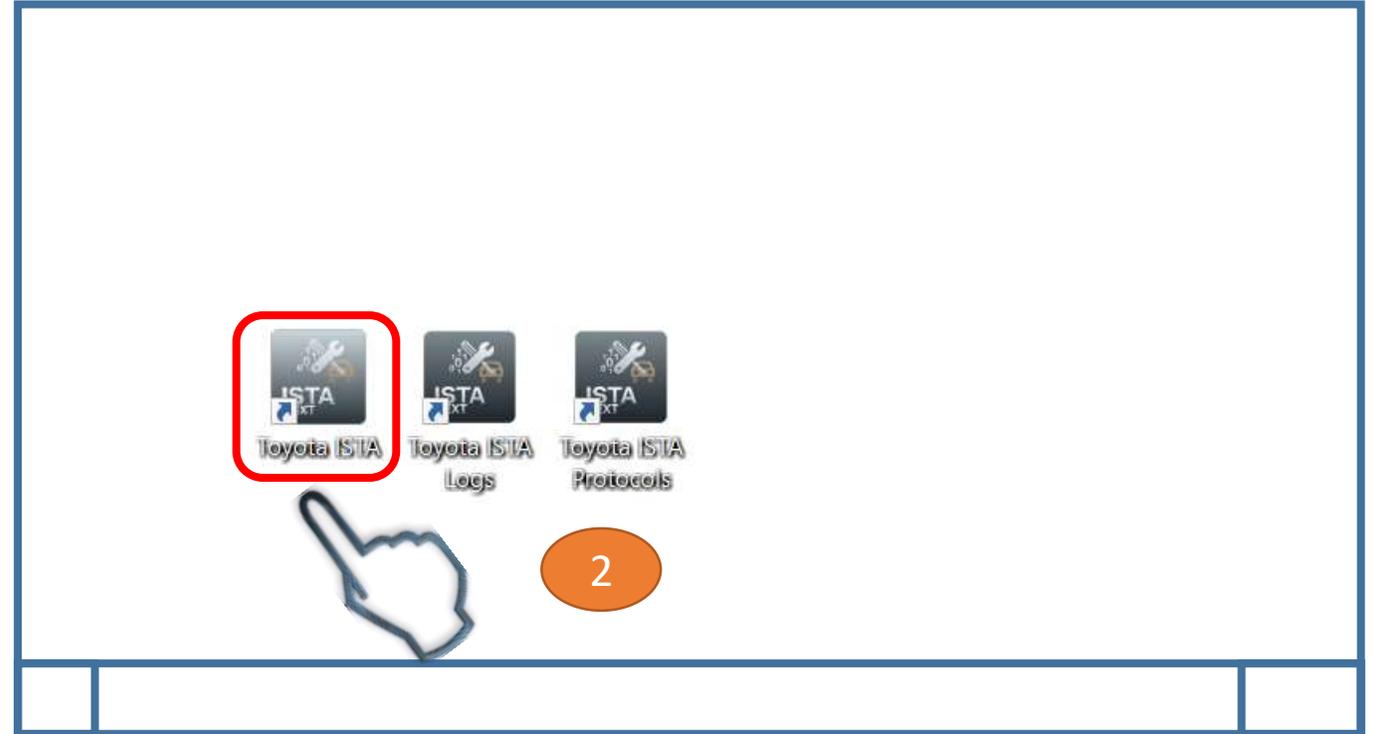
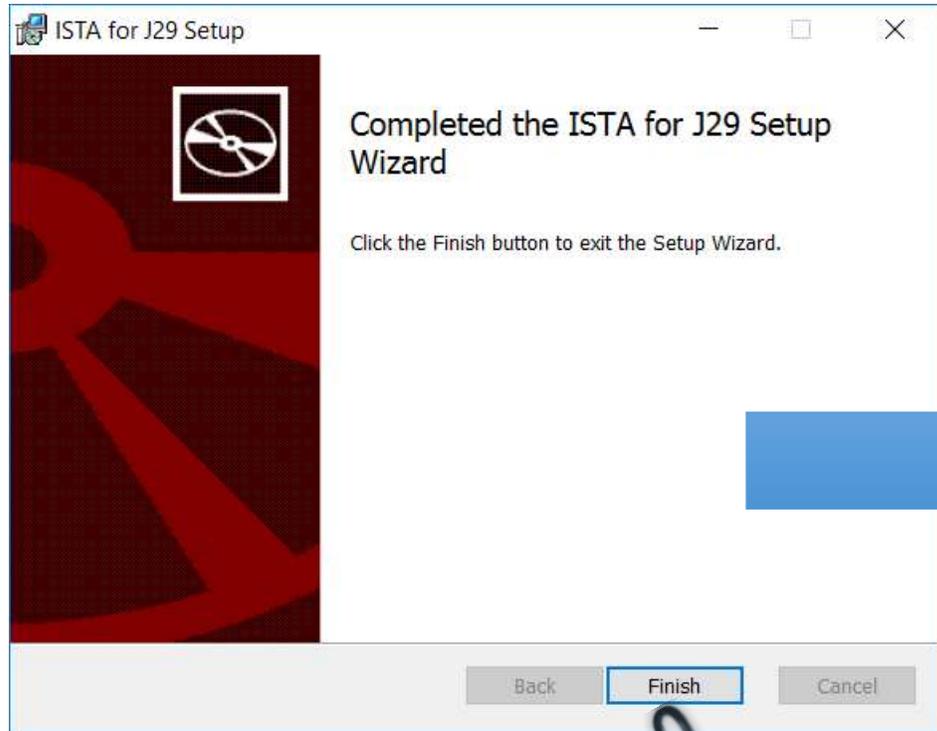
Please check the box “ **I accept the terms in the License Agreement** ” and click **Install** in order to continue.

# Step 3: ISTA installation



If during the installation this screen is displayed please **DO NOT take any action!** The installation application is handling this process by it self.

# Step 3: ISTA installation



At the end of the installation process please press the **Finish** button.

On the desktop of your PC you will have now an icon with the name of **Toyota ISTA**.

Together with it there will be 2 more shortcuts for **Toyota ISTA Protocols and Logs**. Their role will be explained in the ISTA support guide.

# Step 4: Before starting ISTA for the first time

Techstream (Ver 14.00.015)

File Function Setup TechDoc User Help

Connect to Vehicle

Open Scan Data File

1

Before starting ISTA, please verify that you have installed Techstream with a **minimum version of 14.10.033** and that you have an **active Subscription**.

If the above conditions are not respected ISTA will NOT start!

Advanced Function

Log Out

Ver 14.00.015

Subscription Expiration  
364d 03h 47m

S200-01

11/02/2020

VIM - TIS Techstream VIM

Techstream Configuration (S822-04)

Area Selection

Europe

Next>

Cancel

Please verify that your Techstream input details are correct and exact. For the Repairer address please provide also a Postal code!

2

Techstream Configuration (S822-03)

Please input the following information.

Required Information

This information is used for error report follow up.

Repairer Name Xela

Repairer Code 112227

Repairer Phone 0032245562

Repairer Country /Region Belgium

This selection is used to configure Techstream network settings.

User Type Authorized Repairer

Example:

Authorized Repairers

Optional Information

This information will appear on the header of printed reports.

Repairer Address

Nossegemstraat 60, 1140, Evere

Repairer Email

repair@xela.com

Repairer Website

OK

Cancel

## Step 5: Starting ISTA for the first time



For opening ISTA either double-click on the desktop shortcut Toyota-ISTA or make a right click and select the option **Open**

**Important:** Between the moment you selected (or double clicked) to open the Toyota ISTA and the moment the first screen is displayed there is a **delay of approx. 10 seconds**. There is no need to try to open again, please wait.

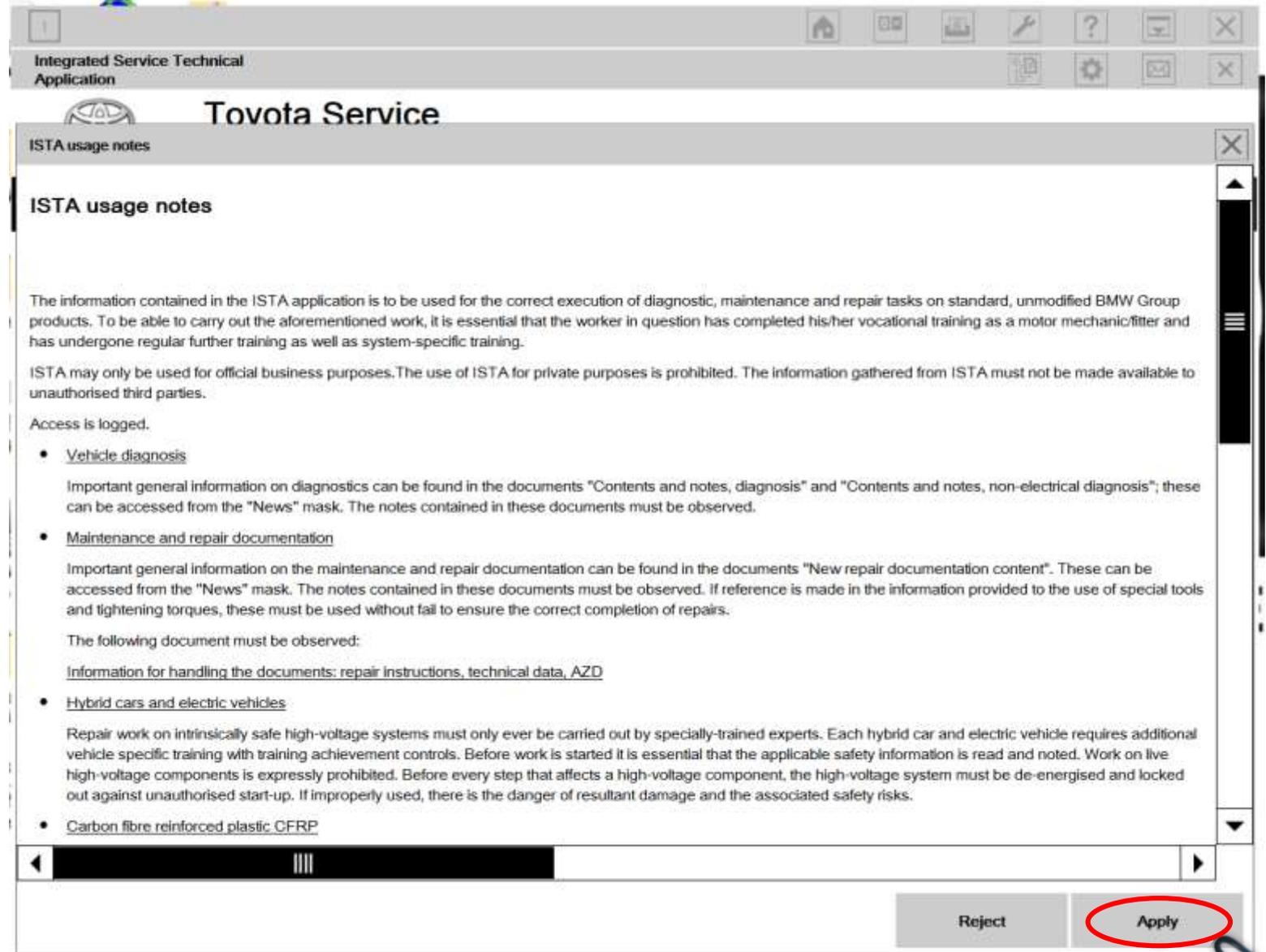


# Step 5: Starting ISTA for the first time

After double clicking, the first page you will encounter represents the ISTA usage notes.

Please note that this document is ISTA specific so therefore this notice is applicable to a large series of vehicles produced by our collaboration partner, BMW.

Please click on **Apply**



The screenshot shows the 'Integrated Service Technical Application' window for 'Toyota Service'. The main content area is titled 'ISTA usage notes' and contains the following text:

The information contained in the ISTA application is to be used for the correct execution of diagnostic, maintenance and repair tasks on standard, unmodified BMW Group products. To be able to carry out the aforementioned work, it is essential that the worker in question has completed his/her vocational training as a motor mechanic/fitter and has undergone regular further training as well as system-specific training.

ISTA may only be used for official business purposes. The use of ISTA for private purposes is prohibited. The information gathered from ISTA must not be made available to unauthorised third parties.

Access is logged.

- [Vehicle diagnosis](#)  
Important general information on diagnostics can be found in the documents "Contents and notes, diagnosis" and "Contents and notes, non-electrical diagnosis"; these can be accessed from the "News" mask. The notes contained in these documents must be observed.
- [Maintenance and repair documentation](#)  
Important general information on the maintenance and repair documentation can be found in the documents "New repair documentation content". These can be accessed from the "News" mask. The notes contained in these documents must be observed. If reference is made in the information provided to the use of special tools and tightening torques, these must be used without fail to ensure the correct completion of repairs.  
The following document must be observed:  
[Information for handling the documents: repair instructions, technical data, AZD](#)
- [Hybrid cars and electric vehicles](#)  
Repair work on intrinsically safe high-voltage systems must only ever be carried out by specially-trained experts. Each hybrid car and electric vehicle requires additional vehicle specific training with training achievement controls. Before work is started it is essential that the applicable safety information is read and noted. Work on live high-voltage components is expressly prohibited. Before every step that affects a high-voltage component, the high-voltage system must be de-energised and locked out against unauthorised start-up. If improperly used, there is the danger of resultant damage and the associated safety risks.
- [Carbon fibre reinforced plastic CFRP](#)

At the bottom of the page, there are two buttons: 'Reject' and 'Apply'. The 'Apply' button is circled in red, and a hand icon is pointing to it.

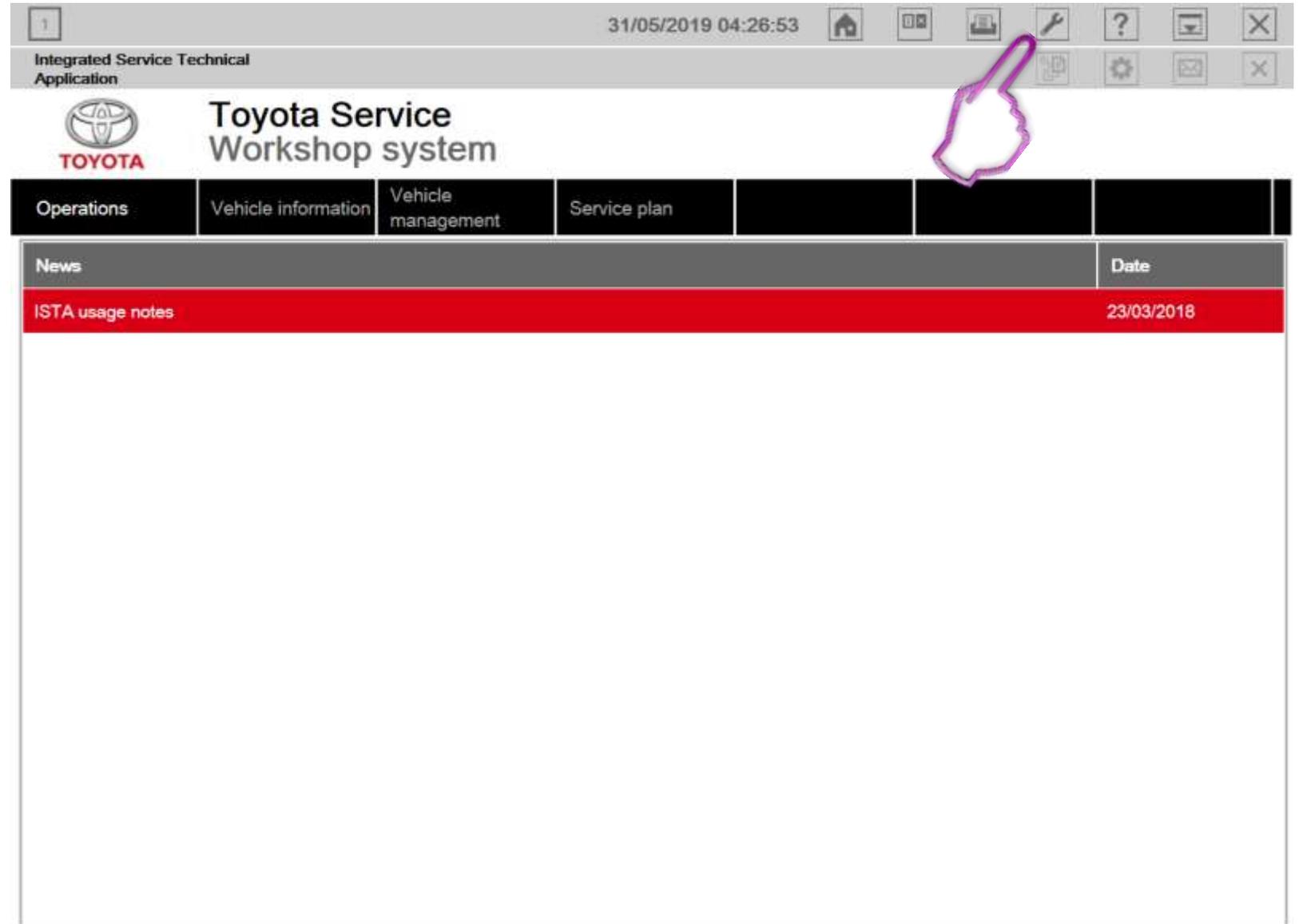
# Installation complete!

Congratulations! You have now successfully installed Toyota-ISTA!

In order to be sure of correct operation of Toyota ISTA please perform the next series of verifications and customizations.



Please press the **Configurations** button as displayed in the right image.



31/05/2019 04:26:53

Integrated Service Technical Application

TOYOTA Toyota Service Workshop system

Operations Vehicle information Vehicle management Service plan

News	Date
ISTA usage notes	23/03/2018

# Customization and correct set-up

1: In this module you can select your language from the existing list.

**Important:** if a language is grayed up this means that language is not supported by the application.

**Delete local data-** represents a local copy of all diagnostic actions you have performed on each vehicle diagnosed. Please put this to either after 90 days or better to **Never**.

2. After performing this please click on **Vehicle Interface**

Administration

Client settings Dealer data Version Initial operation settings **Vehicle interface** Data protection

Select language

<input type="radio"/> American English (en-US)	<input checked="" type="radio"/> British English (en-GB)	<input type="radio"/> Deutsch (de-DE)	<input type="radio"/> Español (es-ES)
<input type="radio"/> Français (fr-FR)	<input type="radio"/> Italiano (it-IT)	<input type="radio"/> Polski (pl-PL)	<input type="radio"/> čeština (cs-CZ)
<input type="radio"/> Português (pt-PT)	<input type="radio"/> Türkçe (tr-TR)	<input type="radio"/> Svenska (sv-SE)	<input type="radio"/> Nederlands (nl-NL)
<input type="radio"/> Indonesia (id-ID)	<input type="radio"/> ελληνικά (el_GR)	<input type="radio"/> русский (ru-RU)	<input type="radio"/> 中文(简体) (zh-CN)
<input type="radio"/> 中文(繁體) (zh-TW)	<input type="radio"/> 日本 (ja-JP)	<input type="radio"/> 한국의 (ko-KR)	<input type="radio"/> ภาษาไทย (th-TH)

Select brand

Toyota Motor Corporation

Printing type:

Print to file       Printer selection       Print from default printer

Limit display time period for news:

1 month       3 months       6 months       12 months

Delete local order data:

after 7 days       after 14 days       after 30 days       after 90 days       never

Cancel OK

# Customization and correct set-up

## Very important!!



Please verify that your selected **Interface type** is **Dealer organization ICOM/ENET local area network** (the middle option of the menu)

Please make sure that you always use for connecting to the vehicle the Toyota Supra diagnostic cable!

### Warning:

Usage of a J2534 compliant interface presents an important risks for damaging the ECUs on board so please do not use such kind of devices for diagnosing and especially reprogramming the New Toyota Supra

31/05/2019 04:27:44

Integrated Service Technical Application

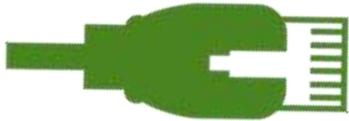
### Toyota Service

Administration

Client settings | Dealer data | Version | Initial operation settings | **Vehicle interface**

Interface type: Search Broadcast: 255.255.255.255,169.254.255.255

- Pass-Thru tool (SAE J2534)
- Dealer organisation ICOM / ENET local area network**
- Dealer organisation ICOM / ENET direct connection

 = OK

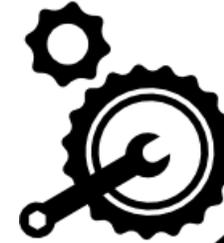
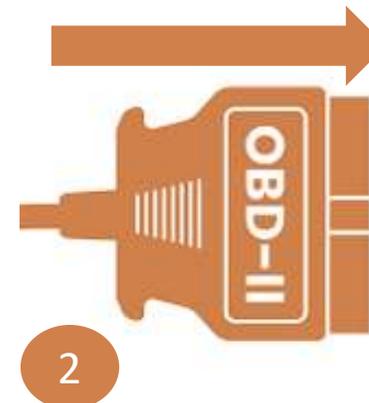
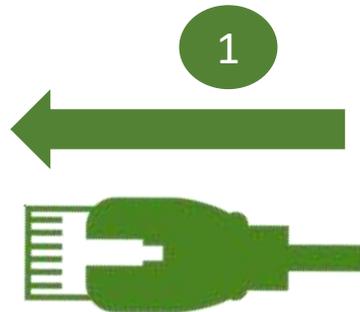
 = NOK

Cancel | Keyboard | OK

# Important information

Please always connect the Toyota Supra cable **first** to your **PC LAN port (1)** and only after that to the OBD port of the vehicle **(2)**.

If this order of operations is not respected possible vehicle communication issues may occur when using ISTA software for diagnostic and repair!



Please don't forget to connect the battery charger

# Customisation complete-> Start to use

**You have now finished the configuration process, your Toyota ISTA software should be ready now to be used.**

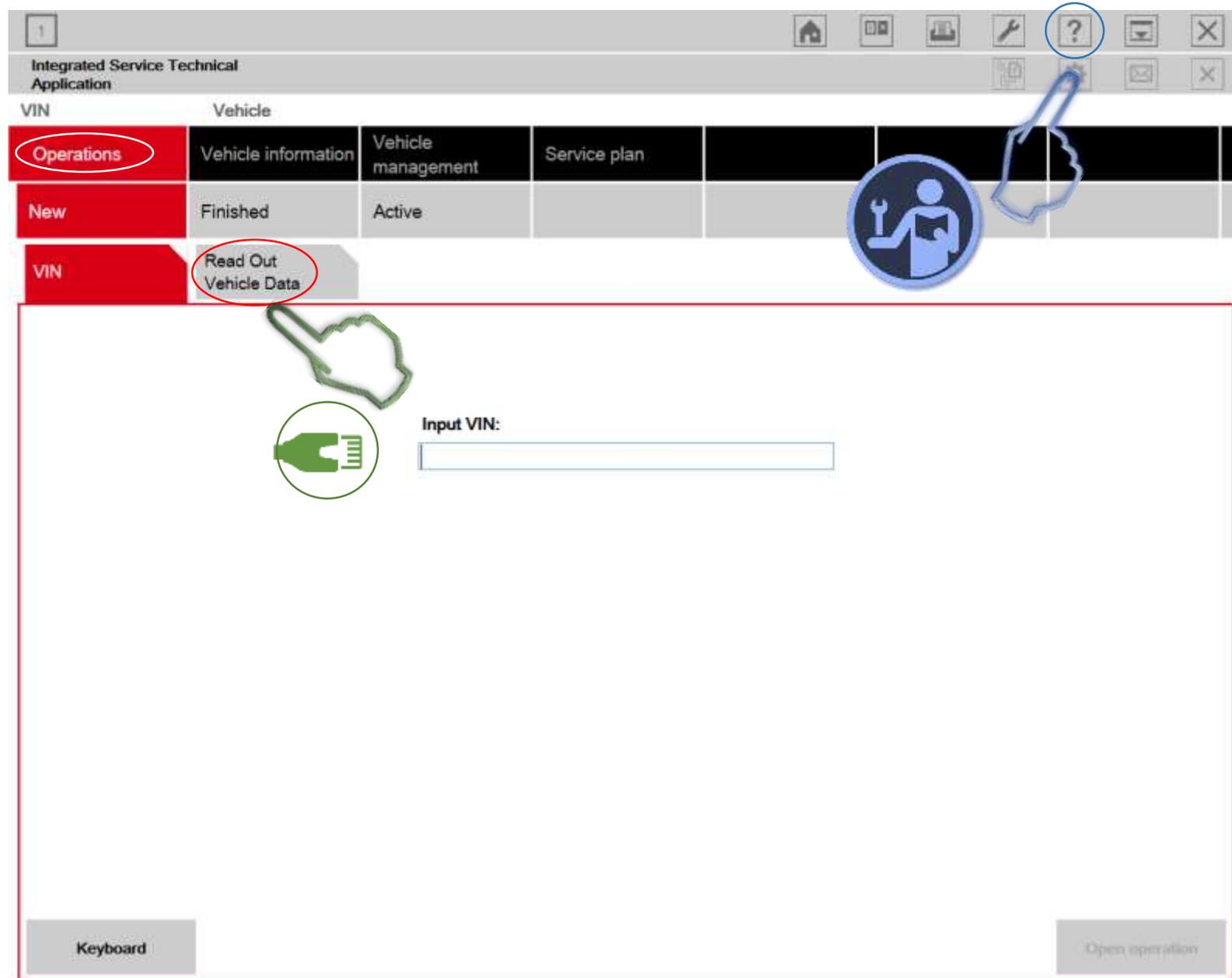
Please proceed for diagnostic by selecting the **Operations Tab**.

In here you can chose to fill in a VIN or to do a real vehicle connection by pressing **Read Out Vehicle Data**.

For more details on how to operate Toyota ISTA diagnostic software, please consult the **Toyota ISTA Operation guide**.

This is available into the help menu of Toyota ISTA (the ? menu)

Thank you for following closely the instructions of this guide!



The screenshot displays the Toyota ISTA software interface. The top menu bar includes icons for Home, Settings, Print, Tools, Help (circled in blue with a question mark), and Exit. Below the menu bar, the 'VIN' and 'Vehicle' sections are visible. The 'Operations' tab is selected and circled in red. The 'Read Out Vehicle Data' option is also circled in red. A green hand icon points to the 'Read Out Vehicle Data' option, and a blue hand icon points to the Help icon. The main area shows an 'Input VIN:' field with a text input box. At the bottom, there are 'Keyboard' and 'Open operation' buttons.

VIN	Vehicle	Vehicle information	Vehicle management	Service plan
New	Finished	Active		
VIN	Read Out Vehicle Data			