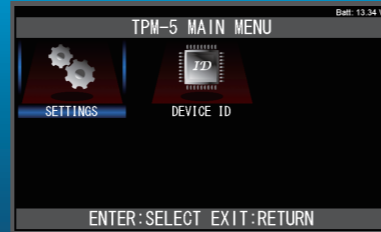# TPM-5 Quick Start Guide
Diagnostic Tool

Important

Please read this manual before using TPM-5.
Diagnosing software has not been installed yet.
Start diagnosing after registering and updating.

⚠️Warning

· If Diagnosing icon is not displayed on the main menu, the software has not been installed.
  Please diagnose with the newest version after registering and updating. (Figure 1)
· Please use TPM updating program with Window 7 or newer.
· If the TPM update software is deleted by security software,
  Please download from "http://www.scantool.jp/downloads/tpm/tpm.exe" and
  save it in the main unit.

(Figure 1)

TPM-5 Packing list

Please make sure that this product package includes the following.

TPM-5 base unit	OBD-II cable	Cigar cable	microUSB cable
Carrying case	Quick start guide		

⚠️**Warning** These items are subject to change without any notices.

Downloading the instruction manual

You can download the instruction manual with PDF file.

Step1
[TPM update] in start-up state, please click [Download user manual]

Step2
Downloading manual will start.

Step3
When the download is complete, please save the file as you wish.

Step4
There is a file which you saved (From Step 3). Please double click and open the file.

tpm-5_manual.pdf

⚠️**Warning** If you can not save the file, please try to change the location.
If you can not see the file well, please use the latest version of Adobe(R)READER(R).

User registration

Step1
Connect the TPM-5 base unit to computer with the included microUSB cable.
The illustration of the USB cable is displayed on the base unit screen and the PC connection mode is set.

Step2
When PC recognized TPM-5, auto play menu will display. And click open folder to view files.
If auto play menu will not displayed, simply choose [Explorer]-[PC]-[Removable disk]and run [tpm.exe].

Step3
[TPM update] screen is on, please click [Change user info].Please go to the next section after reading and understanding the privacy policy.

Step4
[User registration] screen is on, please fill out all boxes and click [Send].

Without all boxes filling, you can not send information.

Step5
After sending information, this message comes and please check your email box.

Step6
Please check your email. You should have email [scantool.jp registration email] from [admin@scantool.jp]. Please click the link

Scantool.jp user registration

Your confirmation link.
Please click this link to re-activate your product.
http://www.scantool.jp/script/confirm.php?passkey=1d8fd633acc384e14736916b061a5ef910192535&
If the above address cannot be clicked,
try copying and pasting the address on a new web browser window.

Step7
After clicking the link, the serial number of your base unit and the valid date appears.
(It is one year free updating since your registration date)

Serial number '35-100000' has been successfully registered.
License valid from '2021-04-01' to '2022-04-01'.

Please save this page for your records.
This information may be required for license extension.

After the update, you can check the "valid date" and "warranty date" from [unit ID] in the main menu.

⚠️**Warning** · Due to your security software, it may block communication. In that case, you will need changing setting of your security software.
· In case, you do not receive email, possibility of wrong email address or checking junk emails.
  When the valid date is not showing on authentication screen, please check the registration email once more.
  You are supposed to get emails as many as you click the link so check the latest one you have received.

Update

Connecting Base unit: Please check User registration Step 1 and Step 2

Step1
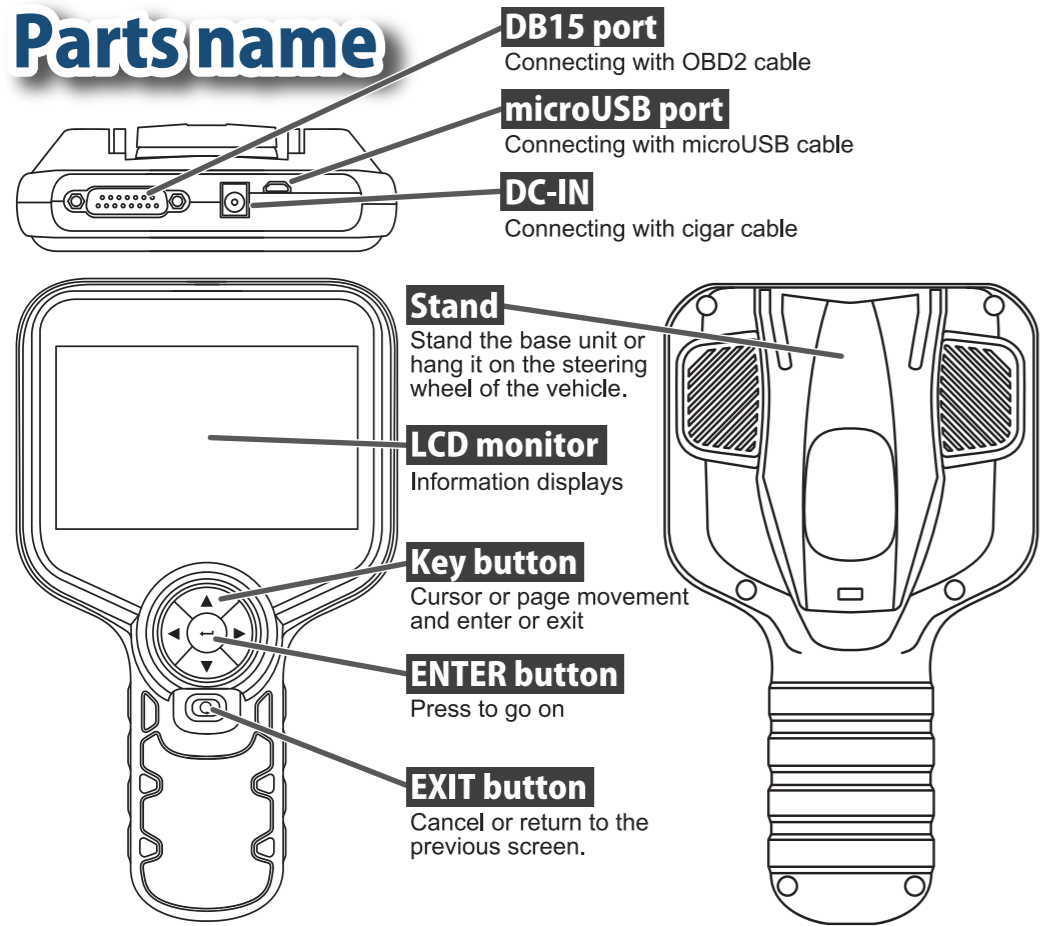Please click [Start update] on [TPM update] screen.

Step2
It will download and write into base unit.

Step3
When "Update complete" is displayed, click [OK] to exit the application. This completes the update.

Update complete

⚠️**Warning** If the "Unable to write" error is displayed when you start the update, check the security software settings.
Also, run it with an administrator account.

Parts name

DB15 port
Connecting with OBD2 cable

microUSB port
Connecting with microUSB cable

DC-IN
Connecting with cigar cable

Stand
Stand the base unit or hang it on the steering wheel of the vehicle.

LCD monitor
Information displays

Key button
Cursor or page movement and enter or exit

ENTER button
Press to go on

EXIT button
Cancel or return to the previous screen.

How to Diagnosis

How to diagnosis is the following
Please diagnose the vehicle with ignition key ON state.

Step1
Please make sure your vehicle ignition is ″OFF″. And connect TPM-5 to DLC, then turn ignition key ″ON″.

Ignition OFF → Ignition ON

Step2
TPM-5 main menu displays. Please select [SCAN] and [Enter].

TPM-5 MAIN MENU — Batt: 13.34 V
SCAN / SPECIAL FUNCTIONS / OBDII / SAVED DATA / SETTINGS / DEVICE ID
ENTER:SELECT EXIT:RETURN

Step3
Please select Domestic vehicle, Import, Truck or OBD and choose the car manufacture.

SELECT APPLICATION — Batt: 13.33 V
JAPANESE CARS / EUROPEAN CARS / JAPANESE TRUCKS / OBD-II
TOYOTA / NISSAN / HONDA / MITSUBISHI / SUZUKI / DAIHATSU / MAZDA / SUBARU
ENTER:SELECT EXIT:RETURN

Step4
[Vehicle select] : [Autodetect] or [Manual selection] and [Enter]

※It depends on the car manufacture.

VEHICLE SELECTION — Batt: 13.27 V
AUTODETECT / MANUAL SELECTION
ENTER:SELECT EXIT:RETURN

Step5
[Vehicle select]: [Brand] [Vehicle name] [Vehicle type] [Engine type] [Option]

※It depends on the car manufacture.

Brand — Batt: 13.27 V
LEXUS / TOYOTA
ENTER:SELECT EXIT:RETURN

Step6
[Main menu] displays. Please choose your demanding item and [Enter].

TOYOTA MAIN MENU — Batt: 13.33 V
DIAGNOSE / CUSTOMIZE / SUPPORT FUNCTIONS / ACTIVE TEST
ENTER:SELECT EXIT:RETURN

Step7
Selecting which you diagnose and push [Enter].This sample screen is selected [Short Test].

SELECT SYSTEM — Batt: 13.30 V
All ECUs / Powertrain / Chassis / Body Electrical / SHORT TEST
ENTER:SELECT EXIT:RETURN

Step8
[Short Test] checks all systems that the vehicle carries.

SHORT TEST — Batt: 13.34 V
DETECTING SYSTEMS PLEASE WAIT···
37%
Pre-Collision 2

⚠ **Warning** Please check the connector connection or ignition key ON when you have trouble with diagnosing.

Screen description

Scan
Diagnose.

Save data
Display the saved DTC and datastream.

Settings
Set the language, date, etc.

Selecting cursor
When you select item, the characters are highlighted.

Number of DTC's
DTC numbers display

Diagnosis trouble code
DTC displays with P,B,C,U plus 4 digits.

DTC description

Special functions
These special functions are included maintenance mode, DPF generation, Aiming and Battery test.

OBDII
Diagnosis with global OBD2 software.

Device ID
Serial number and valid date display.

Title
Present system or message displays.

Scroll bar
This displays when there are many diagnosing numbers.

Page numbers
Page numbers display. The page changes with direction (up & down) key.

Data save&print
You can select [Data save] to save into Base unit or [Print] to print with direct printer.

TPM-5 MAIN MENU — Batt: 13.34 V
SCAN / SPECIAL FUNCTIONS / OBDII / SAVED DATA / SETTINGS / DEVICE ID
ENTER:SELECT EXIT:RETURN

REVIEW — Batt: 13.31 V
Engine – 2 DTC / Hybrid Control – OK / Motor Generator – OK / Radar Cruise1 – OK / Radar Cruise2 – OK / ABS/VSC/TRC(TRAC) – 1 DTC / EMPS – OK / Air Conditioner – OK
ENTER:SELECT EXIT:RETURN

Confirmed (1/2)
P011015
Intake Air Temperature Sensor 1 Bank 1 Circuit Short to Battery or Open
SAVE / PRINT / FREEZE FRAME / DTC HELP

Diagnosing result: Display, Print, Save & Erase

After result of diagnosing the vehicle, your steps are the following.

Please erase DTC when the vehicle's ignition key ON. If engine runs, some DTC's can not clear.

Review
Review shows whether there are any DTC's or not. Please select ECU and push [Enter] so you may check individual ECU and DTC.

2 PROBLEMS — Batt: 13.31 V
REVIEW / PRINT / SAVE / CLEAR ALL
ENTER:SELECT EXIT:RETURN

REVIEW — Batt: 13.31 V
Engine – 2 DTC / Hybrid Control – OK / Motor Generator – OK / Radar Cruise1 – OK / Radar Cruise2 – OK / ABS/VSC/TRC(TRAC) – 1 DTC / EMPS – OK / Air Conditioner – OK
ENTER:SELECT EXIT:RETURN

Confirmed (1/2) — Batt: 13.33 V
P011015
Intake Air Temperature Sensor 1 Bank 1 Circuit Short to Battery or Open
SAVE / PRINT / FREEZE FRAME / DTC HELP

Print
[Print] and press [Enter] to print your result of diagnosing. Please turn on TPM-5 exclusive use printer before pressing [Enter] key.

※Requires an optional Bluetooth mini printer.

2 PROBLEMS — Batt: 13.30 V
REVIEW / PRINT / SAVE / CLEAR ALL
PRINT
PRINTING REPORT
PLEASE WAIT...
ENTER:SELECT EXIT:RETURN

Data save
[Save] and press [Enter] can save your selecting data. You may find saving data file on [Reports] folder in base unit. Due to memory size of the files, it may not be able to save the data so please send the data to your PC every time.

2 PROBLEMS — Batt: 13.31 V
REVIEW / PRINT / SAVE / CLEAR ALL
ENTER:SELECT EXIT:RETURN

— Batt: 13.29 V
REPORT SAVED TO:
All_2021-04-07_15.29.40.html
All_2021-04-07_15.29.40.xml
FOLDER:
/Reports/Toyota/DTC
ENTER/EXIT:RETURN

Clear All
[Clear All] and press [Enter] to erase all trouble codes. TPM-5 will erase all ECU code. When it is done, you see all ECU have been erased by looking the screen.
When the trouble is there, existing, the code will not be able to erase without fixing. Please try to erase the code after repair the trouble.

2 PROBLEMS — Batt: 13.32 V
REVIEW / PRINT / SAVE / CLEAR ALL
ENTER:SELECT EXIT:RETURN

CLEAR ALL
THIS WILL CLEAR TROUBLE CODES FROM ALL SYSTEMS
ENTER:START EXIT:CANCEL

REVIEW — Batt: 13.28 V
Engine – OK / Hybrid Control – OK / Motor Generator – OK / Radar Cruise1 – OK / Radar Cruise2 – OK / ABS/VSC/TRC(TRAC) – OK / EMPS – OK / Air Conditioner – OK
ENTER:SELECT EXIT:RETURN

⚠ **Warning** When you wish to finish diagnosing, please press [Exit] until [Maker select] and ignition OFF, disconnect TPM-5 from the vehicle connector.