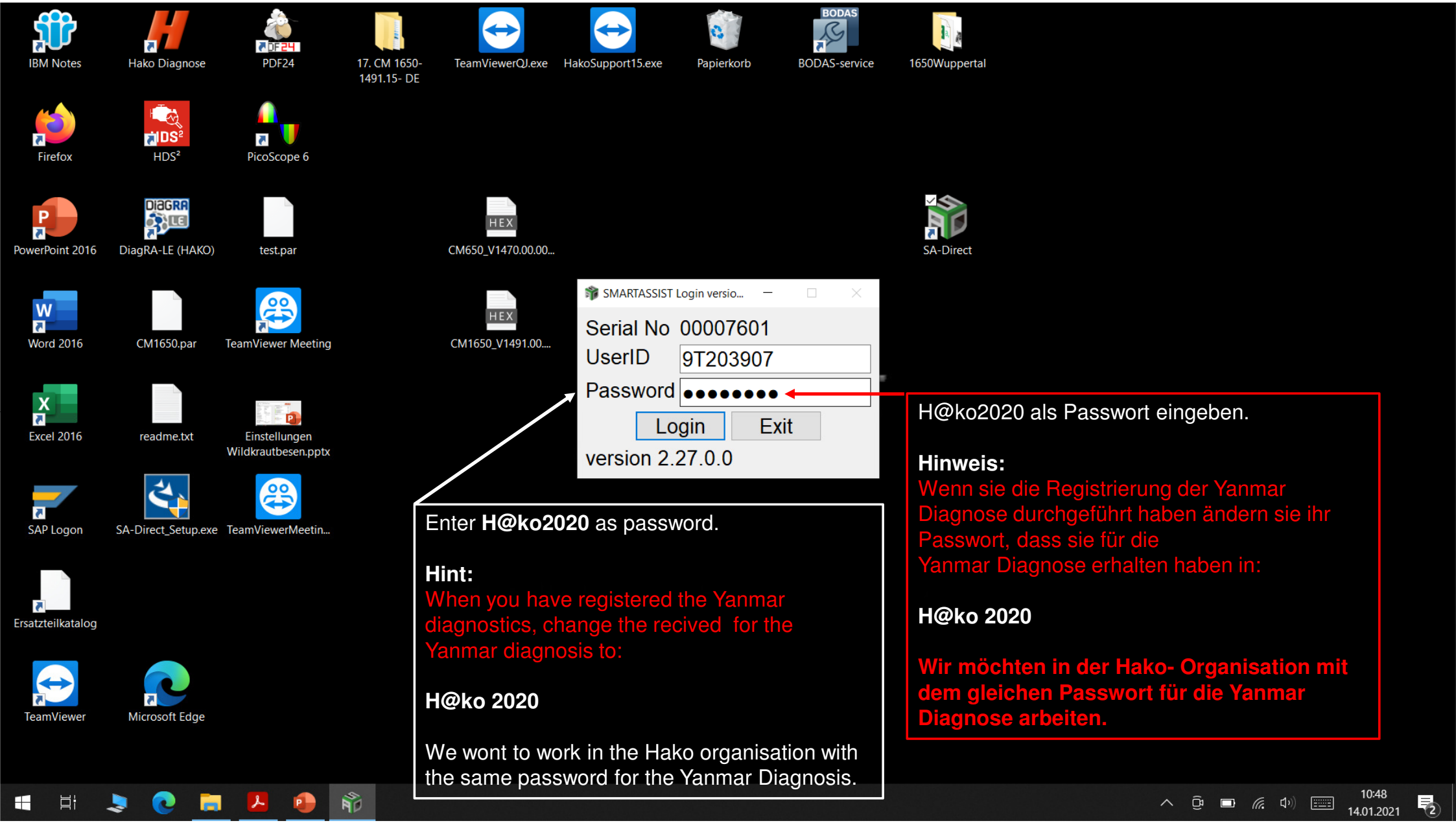

IBM Notes
Hako Diagnose
PDF24
17. CM 1650-1491.15- DE
TeamViewerQJ.exe
HakoSupport15.exe
Papierkorb
BODAS-service
1650Wuppertal
Firefox
HDS²
PicoScope 6
PowerPoint 2016
DiagRA-LE (HAKO)
test.par
CM650_V1470.00.00...
SA-Direct
Word 2016
CM1650.par
TeamViewer Meeting
CM1650_V1491.00....
Excel 2016
readme.txt
Einstellungen Wildkrautbesen.pptx
SAP Logon
SA-Direct_Setup.exe
TeamViewerMeetin...
Ersatzteilkatalog
TeamViewer
Microsoft Edge
Hako
Yanmar Diagnose
SA- Direkt
mit Doppel- Klick starten
Yanmar Diagnosis
SA- Direct
start with double click
10:46
14.01.2021


IBM Notes
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PDF24
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TeamViewerQJ.exe
HakoSupport15.exe
Papierkorb
BODAS-service
1650Wuppertal
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PowerPoint 2016
DiagRA-LE (HAKO)
test.par
CM650_V1470.00.00...
SA-Direct
Word 2016
CM1650.par
TeamViewer Meeting
CM1650_V1491.00....
Excel 2016
readme.txt
Einstellungen Wildkrautbesen.pptx
SAP Logon
SA-Direct_Setup.exe
TeamViewerMeetin...
Ersatzteilkatalog
TeamViewer
Microsoft Edge
SMARTASSIST Login versio...
Serial No 00007601
UserID 9T203907
Password
Login
Exit
version 2.27.0.0
Enter H@ko2020 as password.
Hint:
When you have registered the Yanmar diagnostics, change the recived for the Yanmar diagnosis to:
H@ko 2020
We wont to work in the Hako organisation with the same password for the Yanmar Diagnosis.
H@ko2020 als Passwort eingeben.
Hinweis:
Wenn sie die Registrierung der Yanmar Diagnose durchgeführt haben ändern sie ihr Passwort, dass sie für die Yanmar Diagnose erhalten haben in:
H@ko 2020
Wir möchten in der Hako- Organisation mit dem gleichen Passwort für die Yanmar Diagnose arbeiten.
10:48
14.01.2021

IBM Notes
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PDF24
17. CM 1650-1491.15- DE
TeamViewerQJ.exe
HakoSupport15.exe
Papierkorb
BODAS-service
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Firefox
HDS²
PicoScope 6
PowerPoint 2016
DiagRA-LE (HAKO)
test.par
Word 2016
CM1650.par
TeamViewer Meeting
Excel 2016
readme.txt
Einstellungen Wildkrautbesen.pptx
SAP Logon
SA-Direct_Setup.exe
TeamViewerMeetin...
Ersatzteilkatalog
TeamViewer
Microsoft Edge

SMARTASSIST-Direct

SMARTASSIST Direct

Terminal Information / Job Edit

Language : English

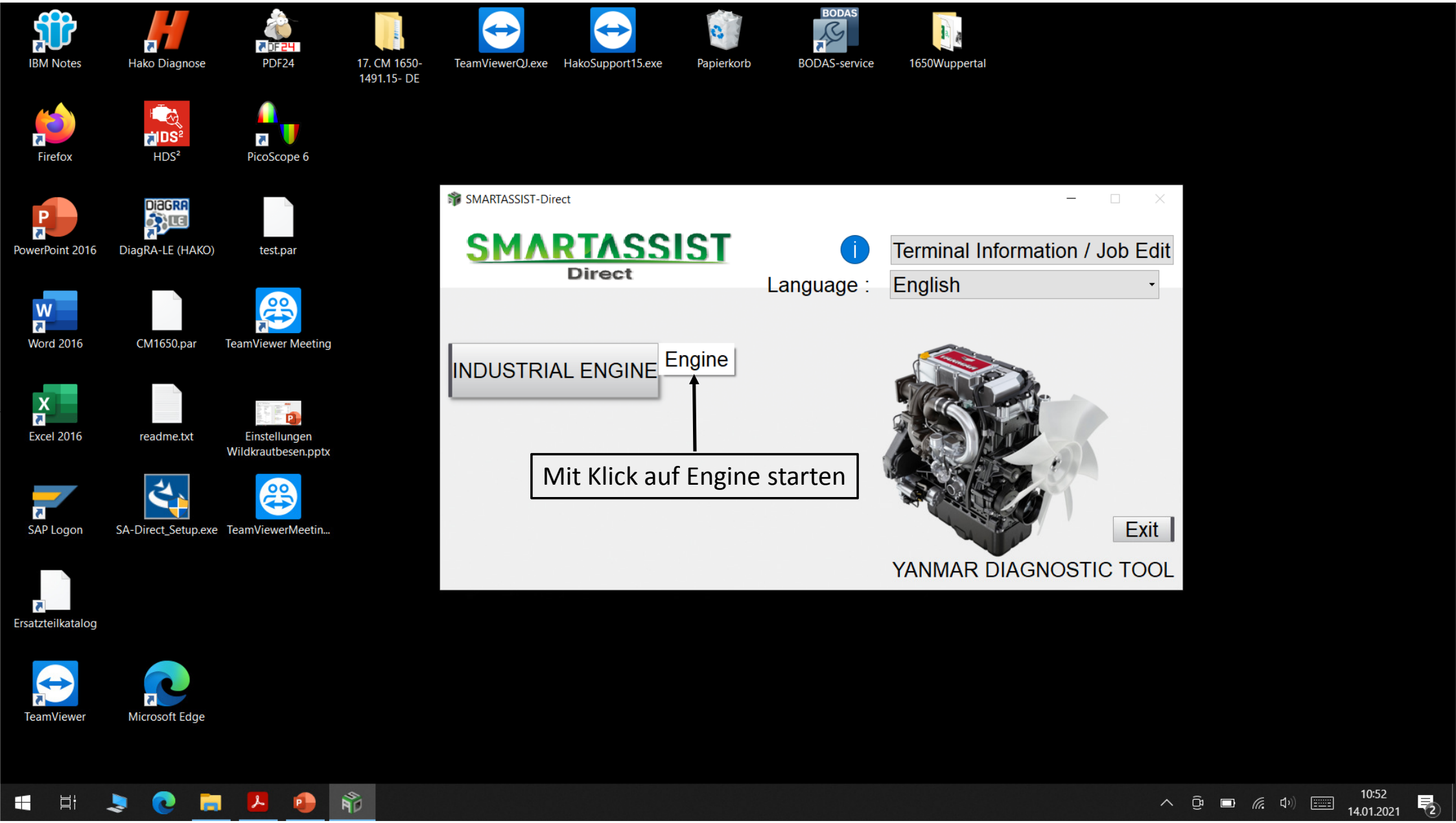
INDUSTRIAL ENGINE

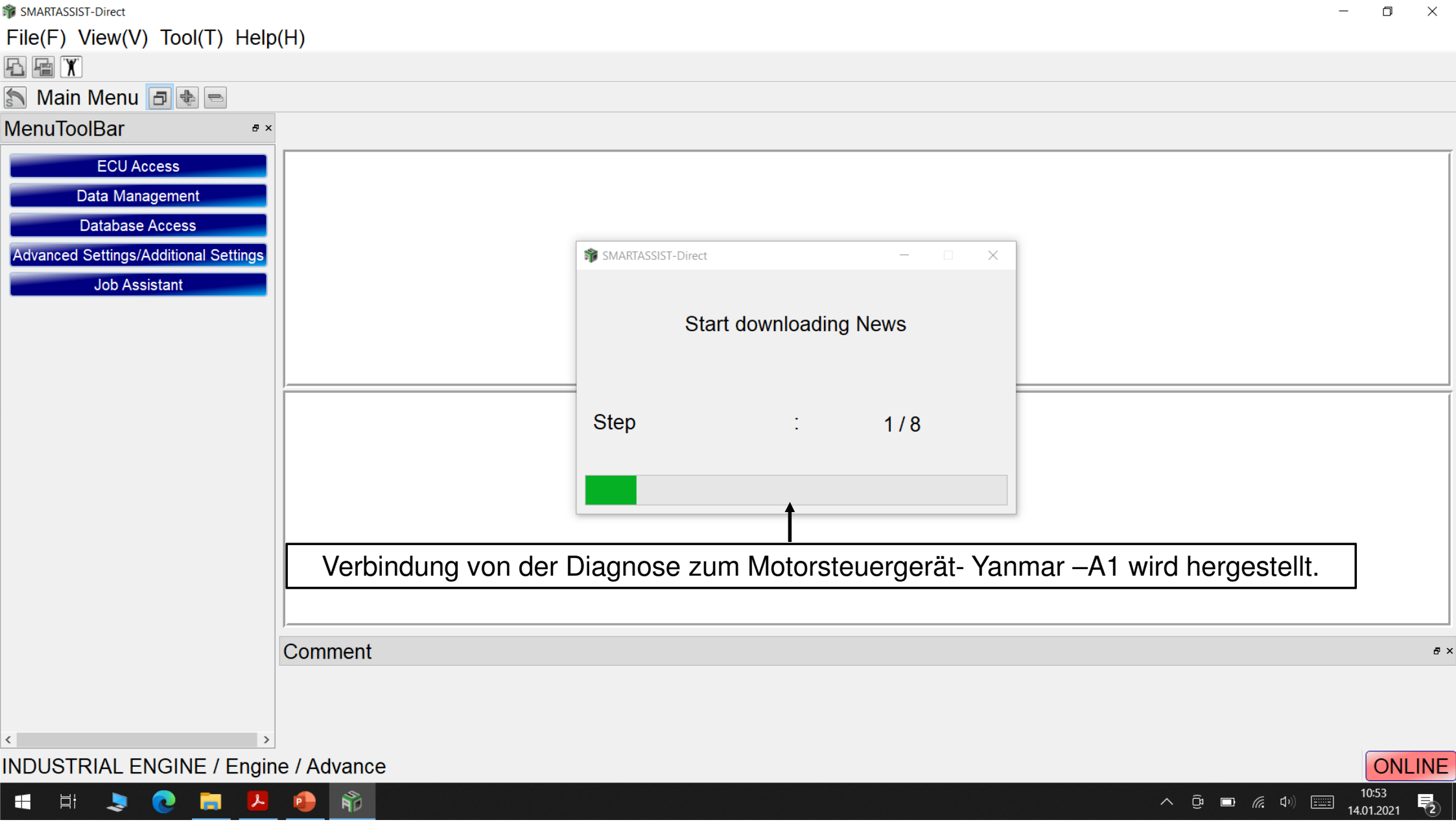
Diagnose mit Klick auf Industrial Engine starten

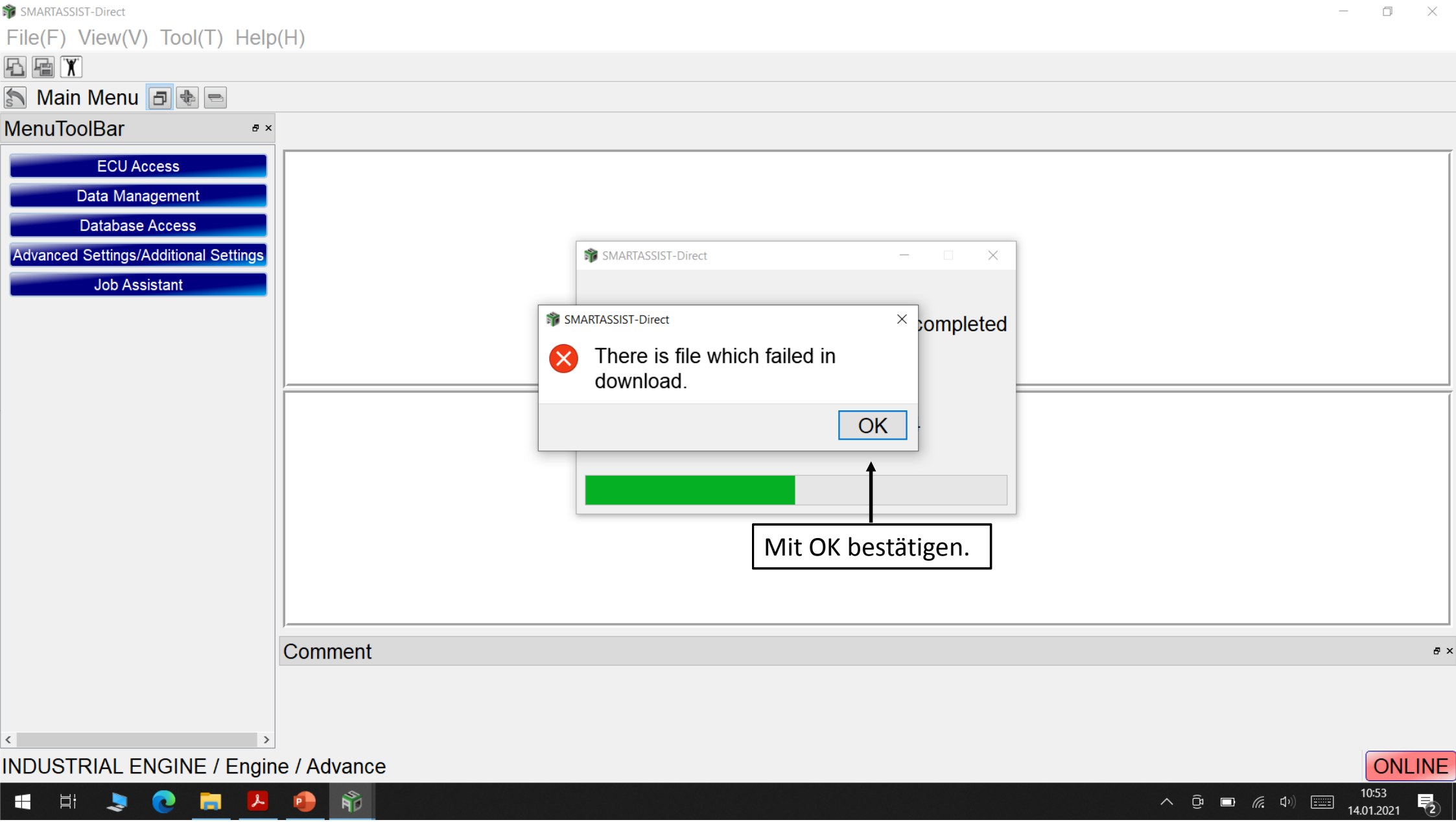
Exit

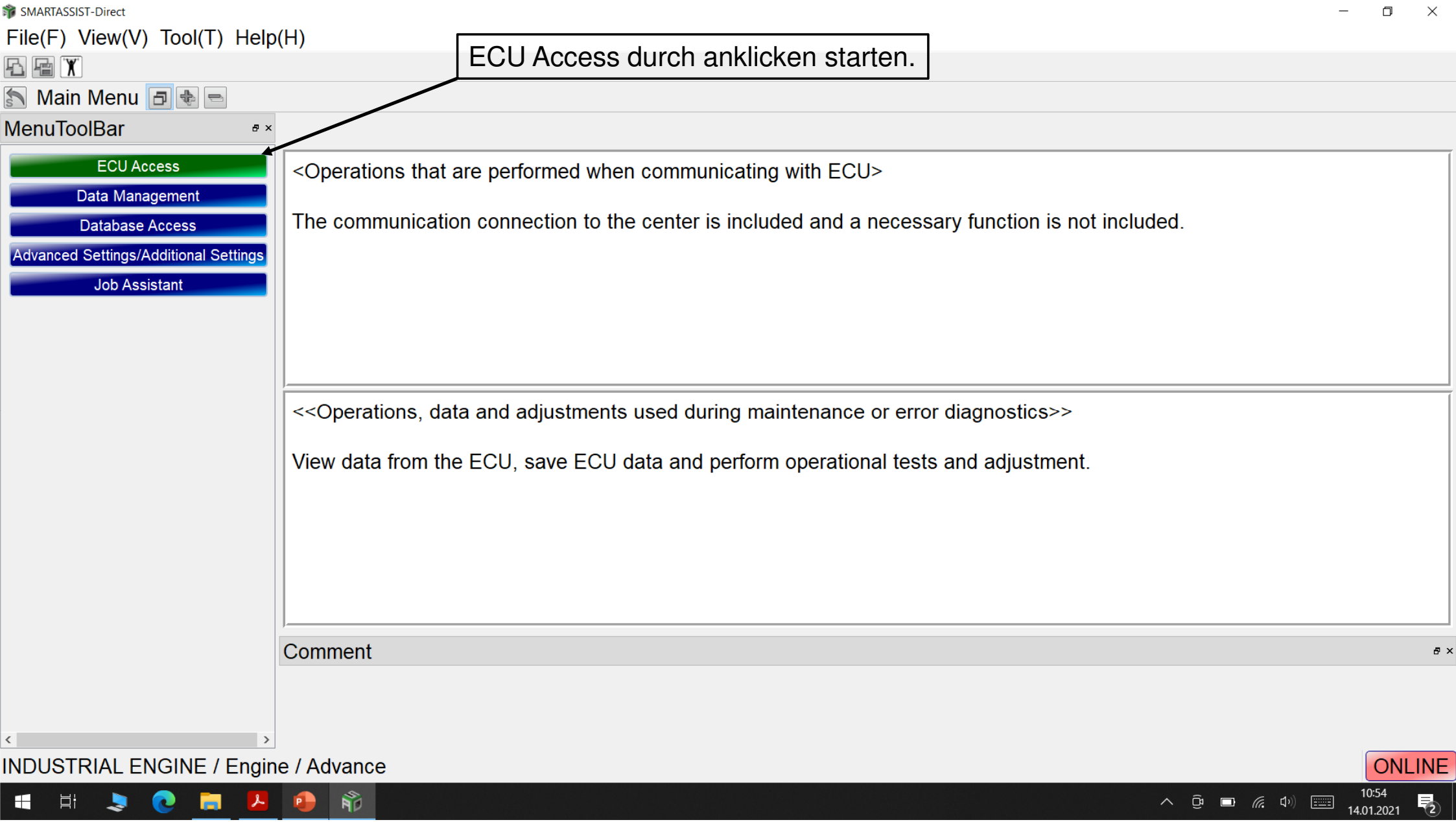
YANMAR DIAGNOSTIC TOOL

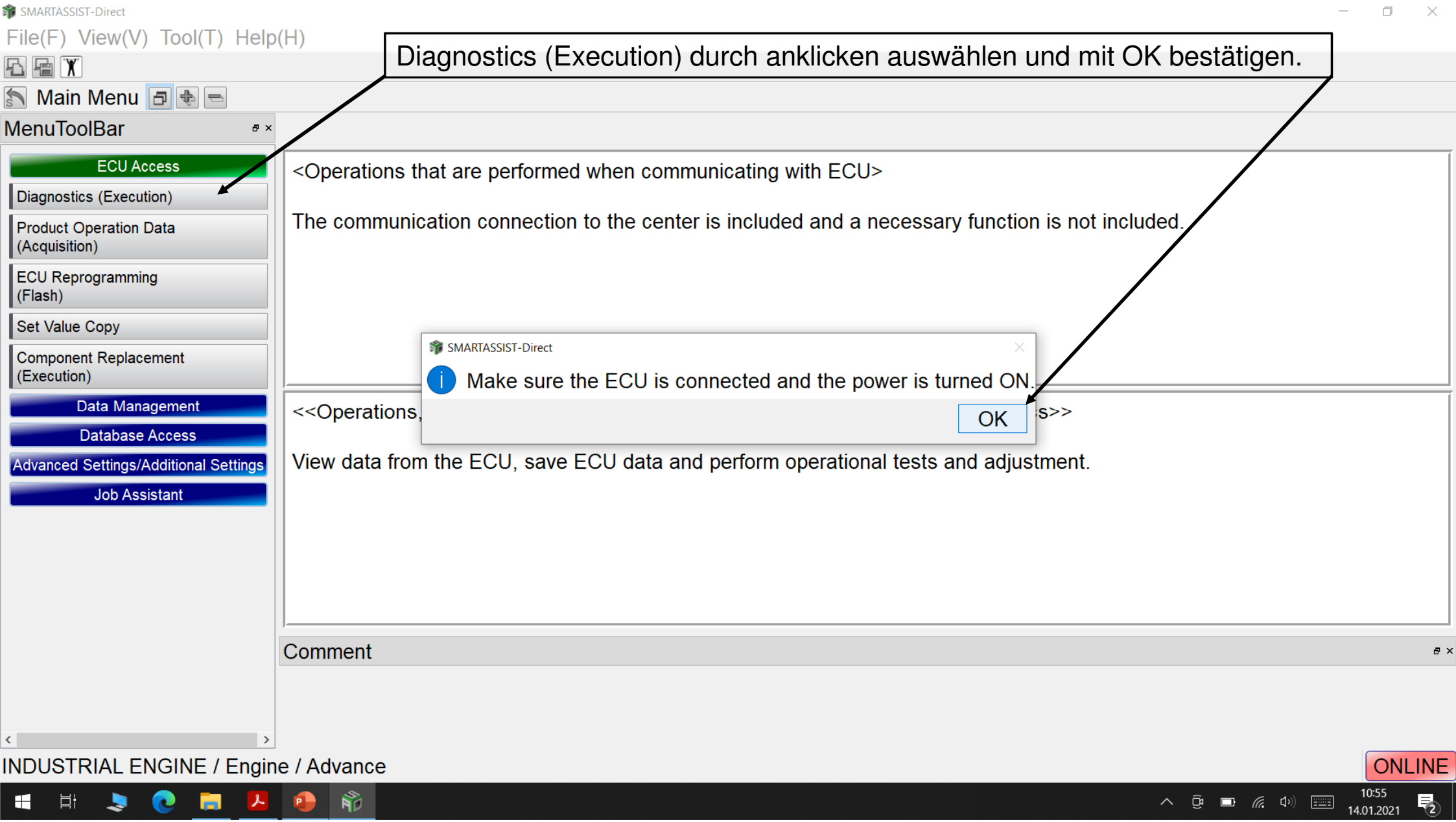
10:51
14.01.2021

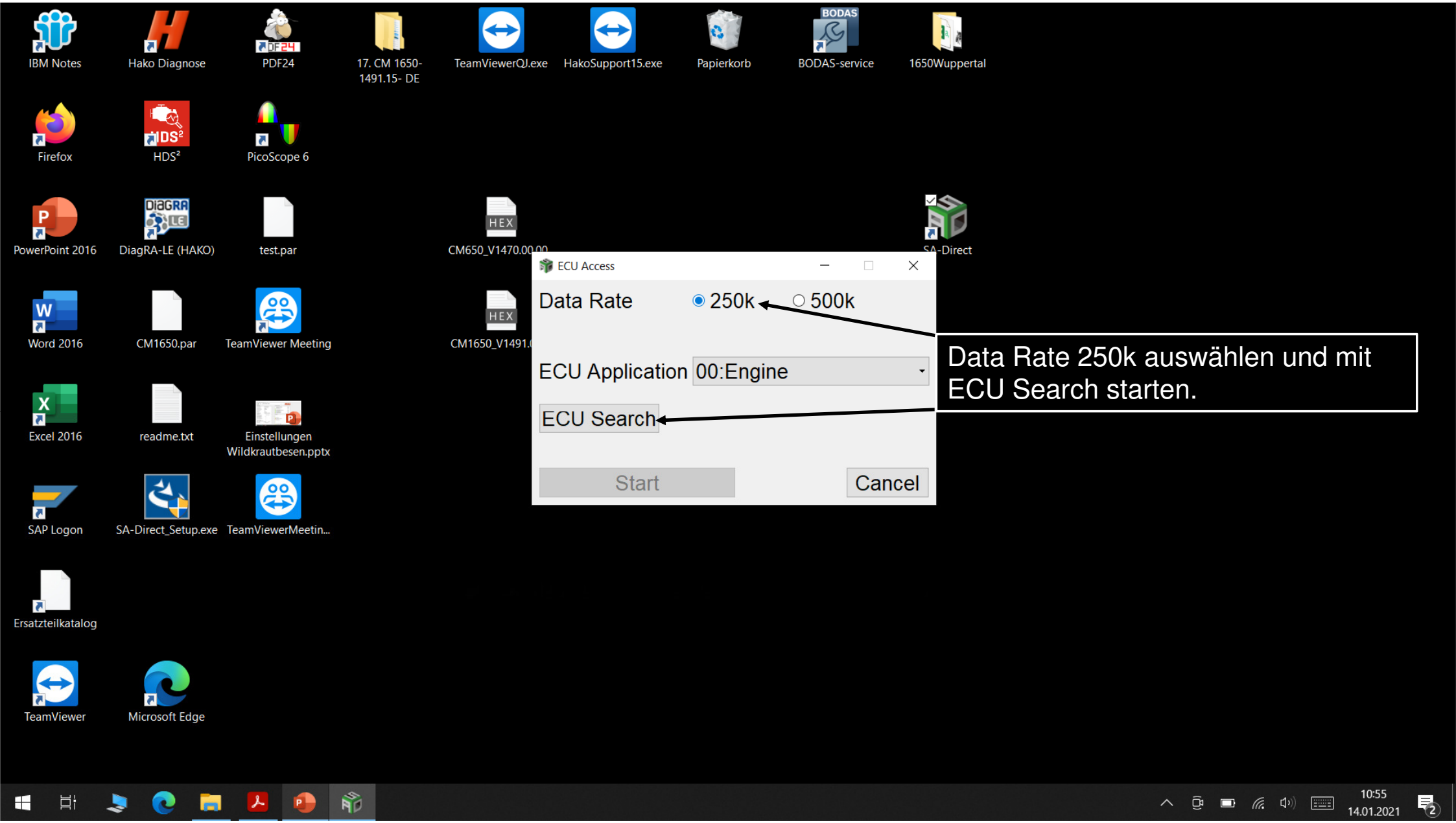

IBM Notes
Hako Diagnose
PDF24
17. CM 1650-1491.15- DE
TeamViewerQJ.exe
HakoSupport15.exe
Papierkorb
BODAS-service
1650Wuppertal
Firefox
HDS²
PicoScope 6
PowerPoint 2016
DiagRA-LE (HAKO)
test.par
Word 2016
CM1650.par
TeamViewer Meeting
Excel 2016
readme.txt
Einstellungen Wildkrautbesen.pptx
SAP Logon
SA-Direct_Setup.exe
TeamViewerMeetin...
Ersatzteilkatalog
TeamViewer
Microsoft Edge
SMARTASSIST-Direct
SMARTASSIST
Direct
Terminal Information / Job Edit
Language :
English
INDUSTRIAL ENGINE
Engine
Mit Klick auf Engine starten
Exit
YANMAR DIAGNOSTIC TOOL
10:52
14.01.2021

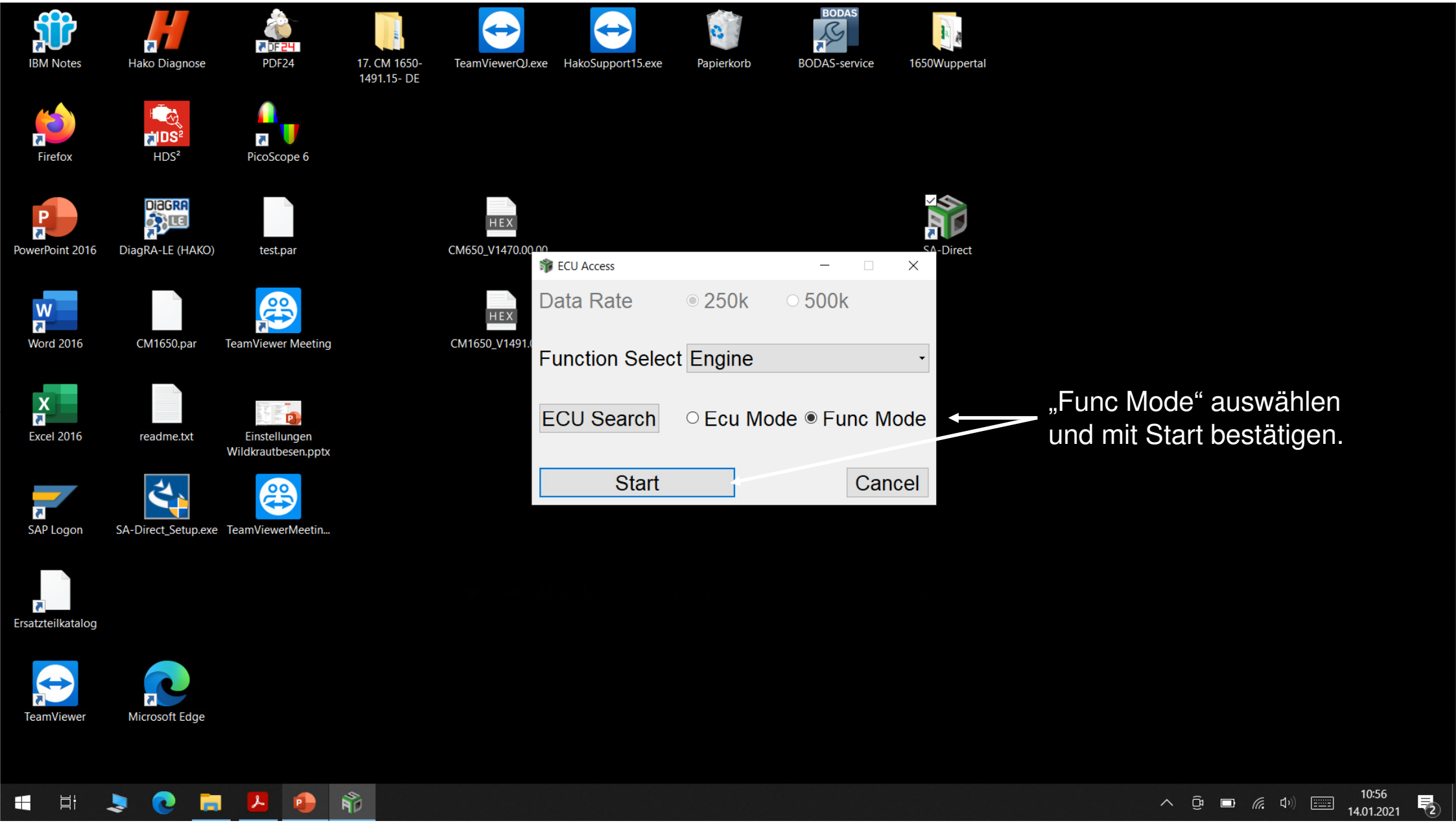

SMARTASSIST-Direct
File(F) View(V) Tool(T) Help(H)
Main Menu
MenuToolBar
ECU Access
Data Management
Database Access
Advanced Settings/Additional Settings
Job Assistant
SMARTASSIST-Direct
Start downloading News
Step : 1 / 8
Verbindung von der Diagnose zum Motorsteuergerät- Yanmar –A1 wird hergestellt.
Comment
INDUSTRIAL ENGINE / Engine / Advance
ONLINE
10:53
14.01.2021


SMARTASSIST-Direct
File(F) View(V) Tool(T) Help(H)
Main Menu
MenuToolBar
ECU Access
Data Management
Database Access
Advanced Settings/Additional Settings
Job Assistant
SMARTASSIST-Direct
completed
SMARTASSIST-Direct
There is file which failed in download.
OK
Mit OK bestätigen.
Comment
INDUSTRIAL ENGINE / Engine / Advance
ONLINE
10:53
14.01.2021


SMARTASSIST-Direct
File(F) View(V) Tool(T) Help(H)
ECU Access durch anklicken starten.
Main Menu
MenuToolBar
ECU Access
Data Management
Database Access
Advanced Settings/Additional Settings
Job Assistant
<Operations that are performed when communicating with ECU>
The communication connection to the center is included and a necessary function is not included.
<<Operations, data and adjustments used during maintenance or error diagnostics>>
View data from the ECU, save ECU data and perform operational tests and adjustment.
Comment
INDUSTRIAL ENGINE / Engine / Advance
ONLINE
10:54
14.01.2021


SMARTASSIST-Direct
File(F) View(V) Tool(T) Help(H)
Diagnostics (Execution) durch anklicken auswählen und mit OK bestätigen.
Main Menu
MenuToolBar
ECU Access
Diagnostics (Execution)
Product Operation Data (Acquisition)
ECU Reprogramming (Flash)
Set Value Copy
Component Replacement (Execution)
Data Management
Database Access
Advanced Settings/Additional Settings
Job Assistant
<Operations that are performed when communicating with ECU>
The communication connection to the center is included and a necessary function is not included.
SMARTASSIST-Direct
Make sure the ECU is connected and the power is turned ON.
OK
<<Operations,
s>>
View data from the ECU, save ECU data and perform operational tests and adjustment.
Comment
INDUSTRIAL ENGINE / Engine / Advance
ONLINE
10:55
14.01.2021


IBM Notes
Hako Diagnose
PDF24
17. CM 1650-1491.15- DE
TeamViewerQJ.exe
HakoSupport15.exe
Papierkorb
BODAS-service
1650Wuppertal
Firefox
HDS²
PicoScope 6
PowerPoint 2016
DiagRA-LE (HAKO)
test.par
CM650_V1470.00.00
SA-Direct
Word 2016
CM1650.par
TeamViewer Meeting
CM1650_V1491.(
Excel 2016
readme.txt
Einstellungen Wildkrautbesen.pptx
SAP Logon
SA-Direct_Setup.exe
TeamViewerMeetin...
Ersatzteilkatalog
TeamViewer
Microsoft Edge
ECU Access
Data Rate
250k
500k
ECU Application
00:Engine
ECU Search
Start
Cancel
Data Rate 250k auswählen und mit ECU Search starten.
10:55
14.01.2021


IBM Notes
Hako Diagnose
PDF24
17. CM 1650-1491.15- DE
TeamViewerQJ.exe
HakoSupport15.exe
Papierkorb
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1650Wuppertal
Firefox
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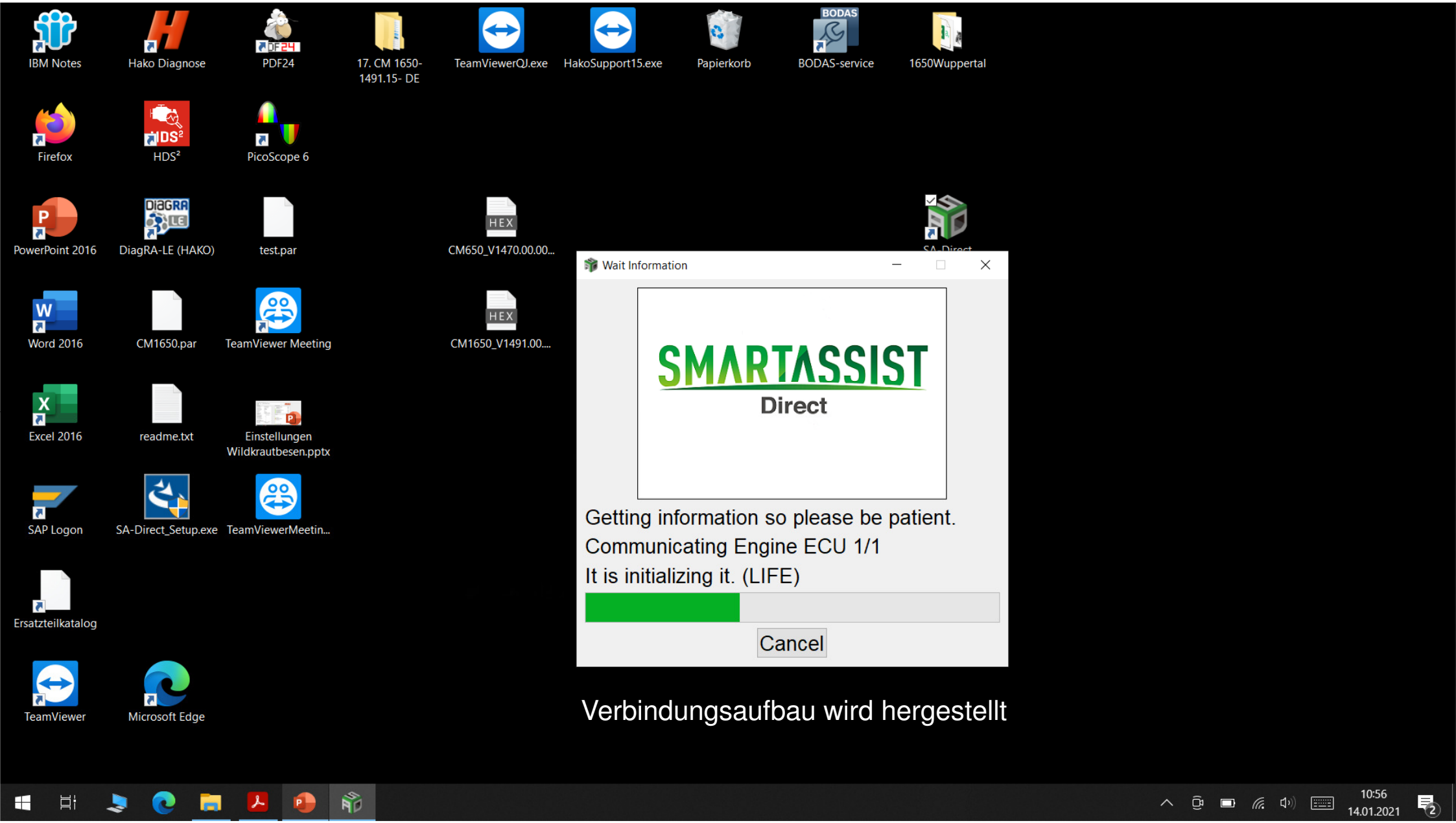
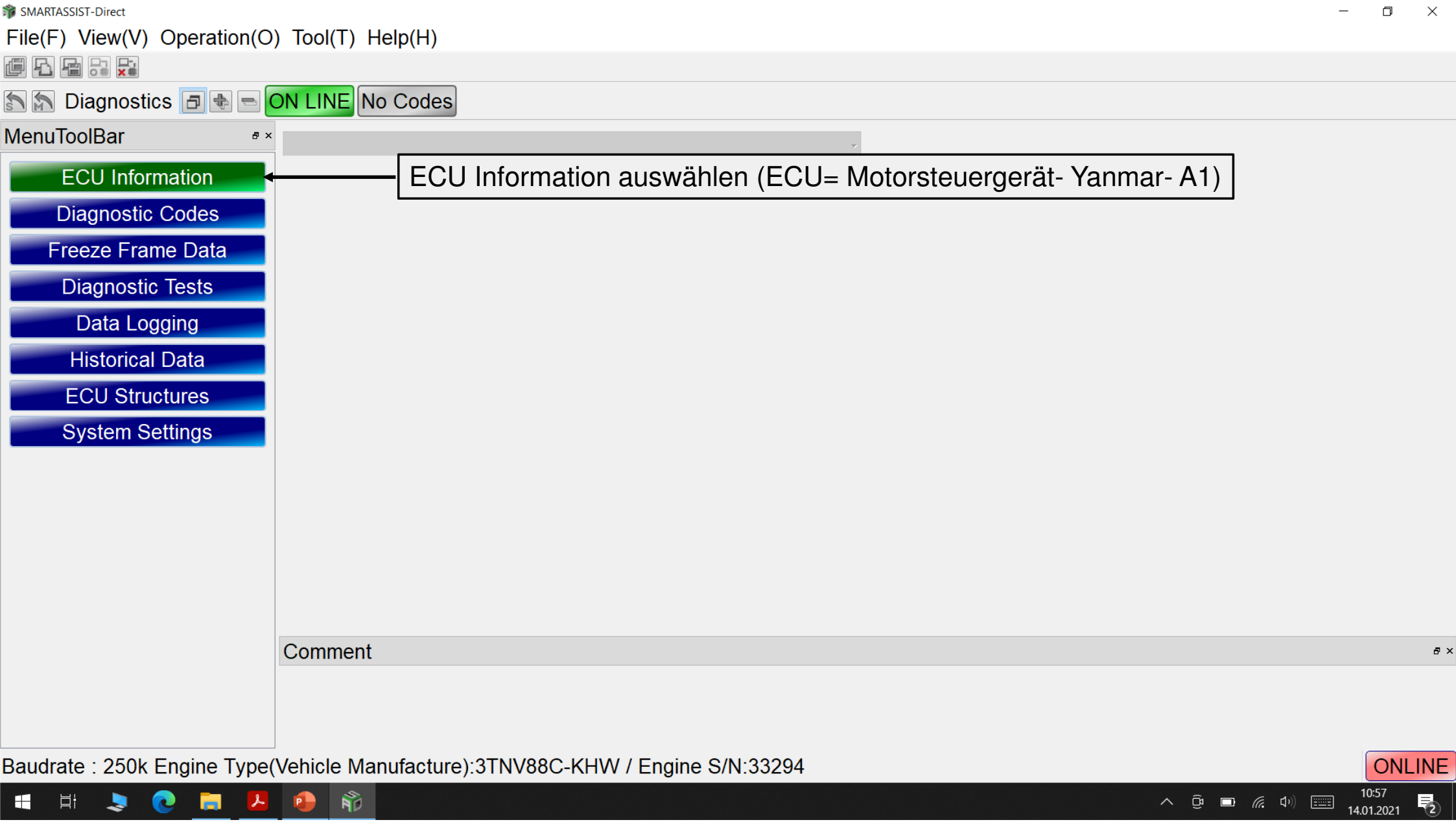
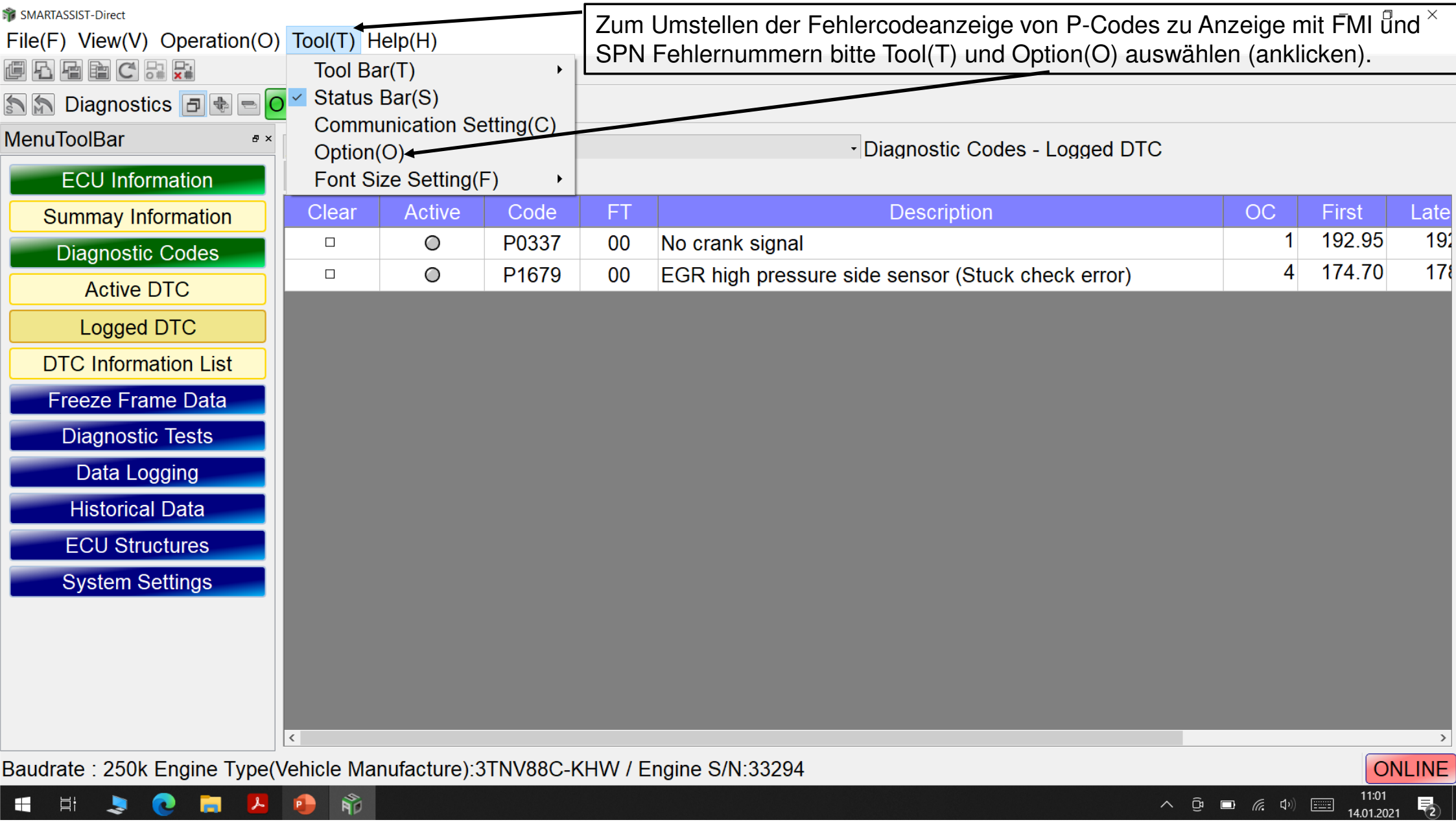
PowerPoint 2016
DiagRA-LE (HAKO)
test.par
CM650_V1470.00.00
SA-Direct
Word 2016
CM1650.par
TeamViewer Meeting
CM1650_V1491.(
Excel 2016
readme.txt
Einstellungen Wildkrautbesen.pptx
SAP Logon
SA-Direct_Setup.exe
TeamViewerMeetin...
Ersatzteilkatalog
TeamViewer
Microsoft Edge
ECU Access
Data Rate
250k
500k
Function Select
Engine
ECU Search
Ecu Mode
Func Mode
Start
Cancel
„Func Mode“ auswählen
und mit Start bestätigen.
10:56
14.01.2021

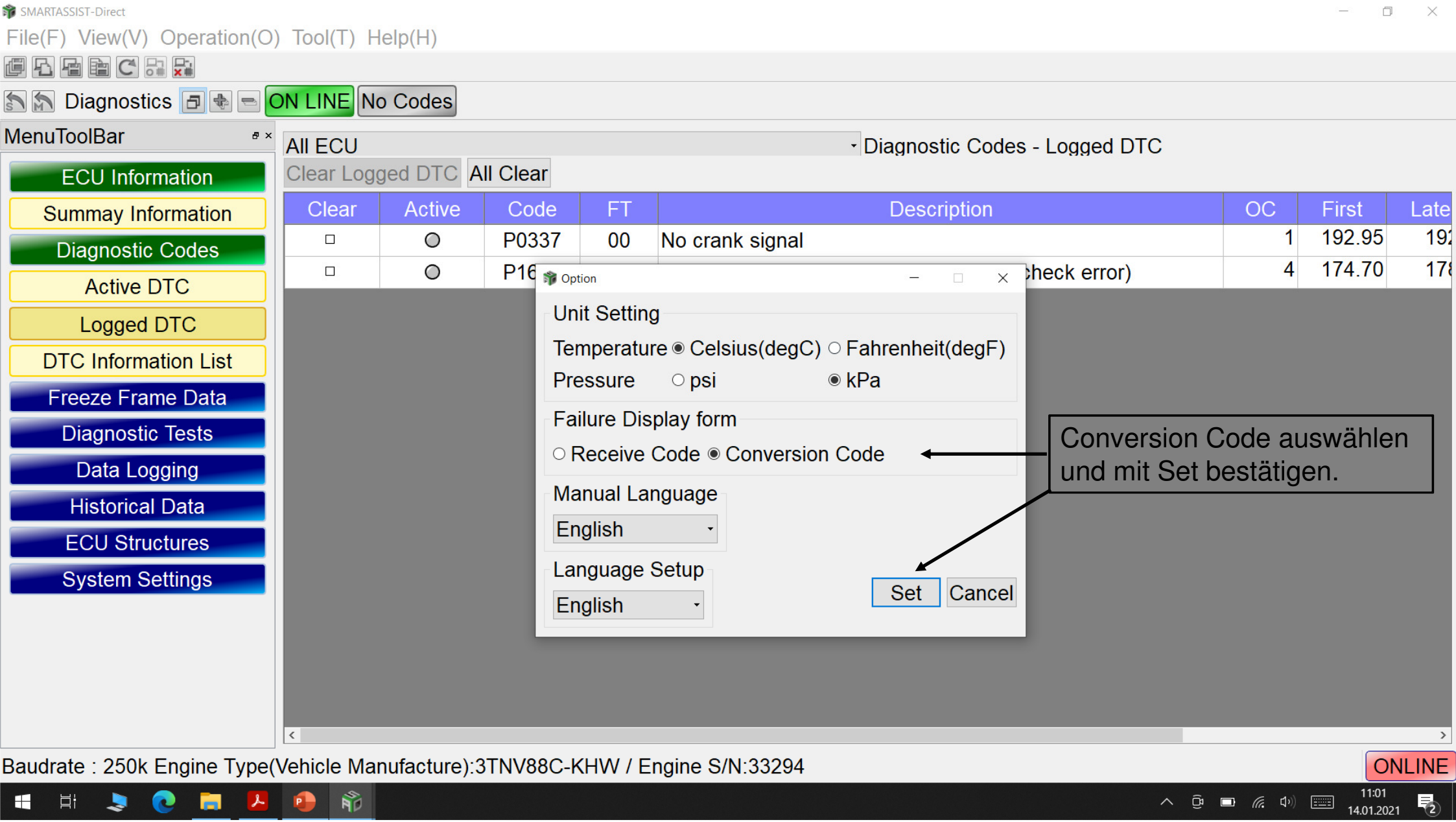


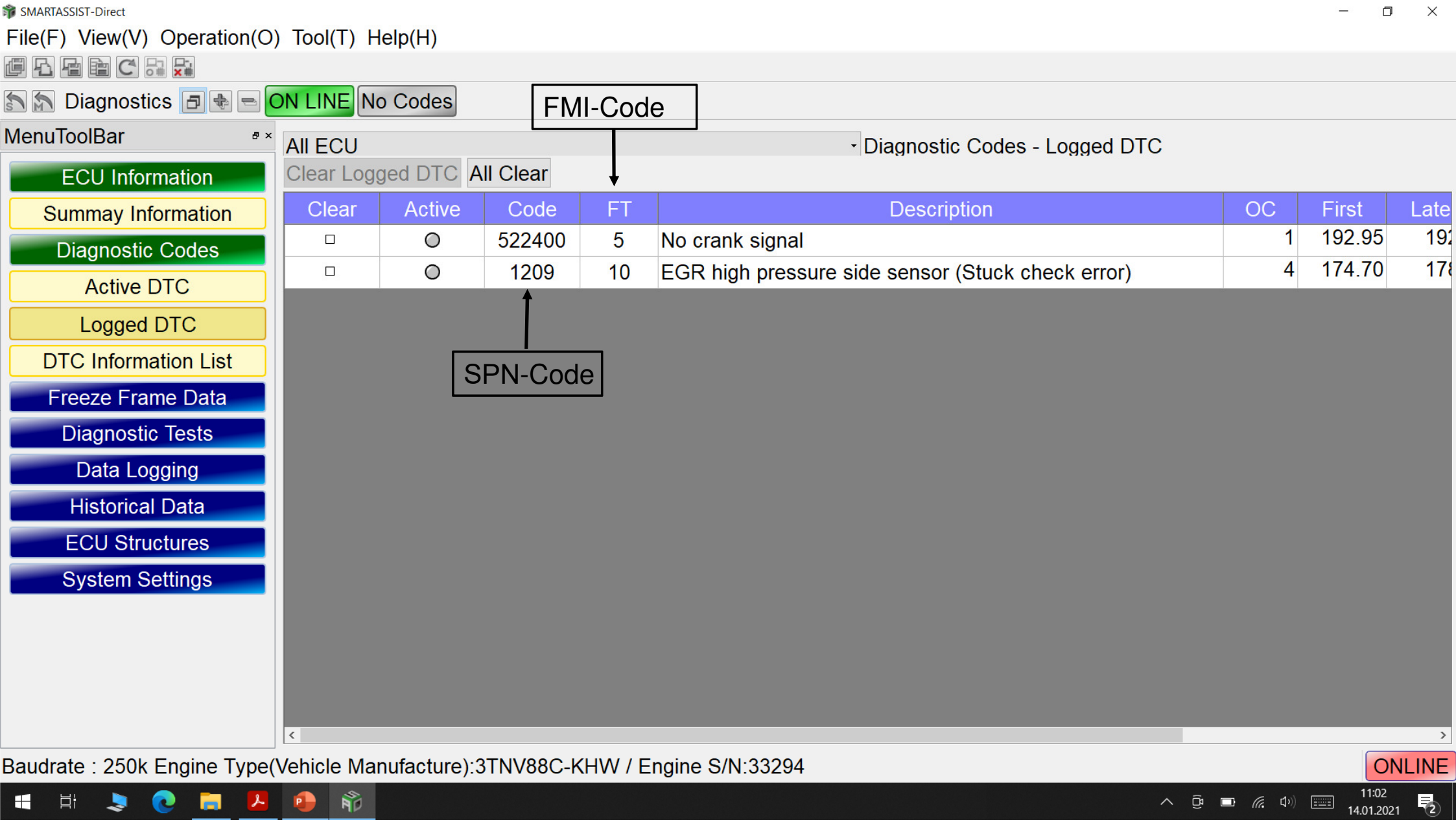
Verbindungsaufbau wird hergestellt

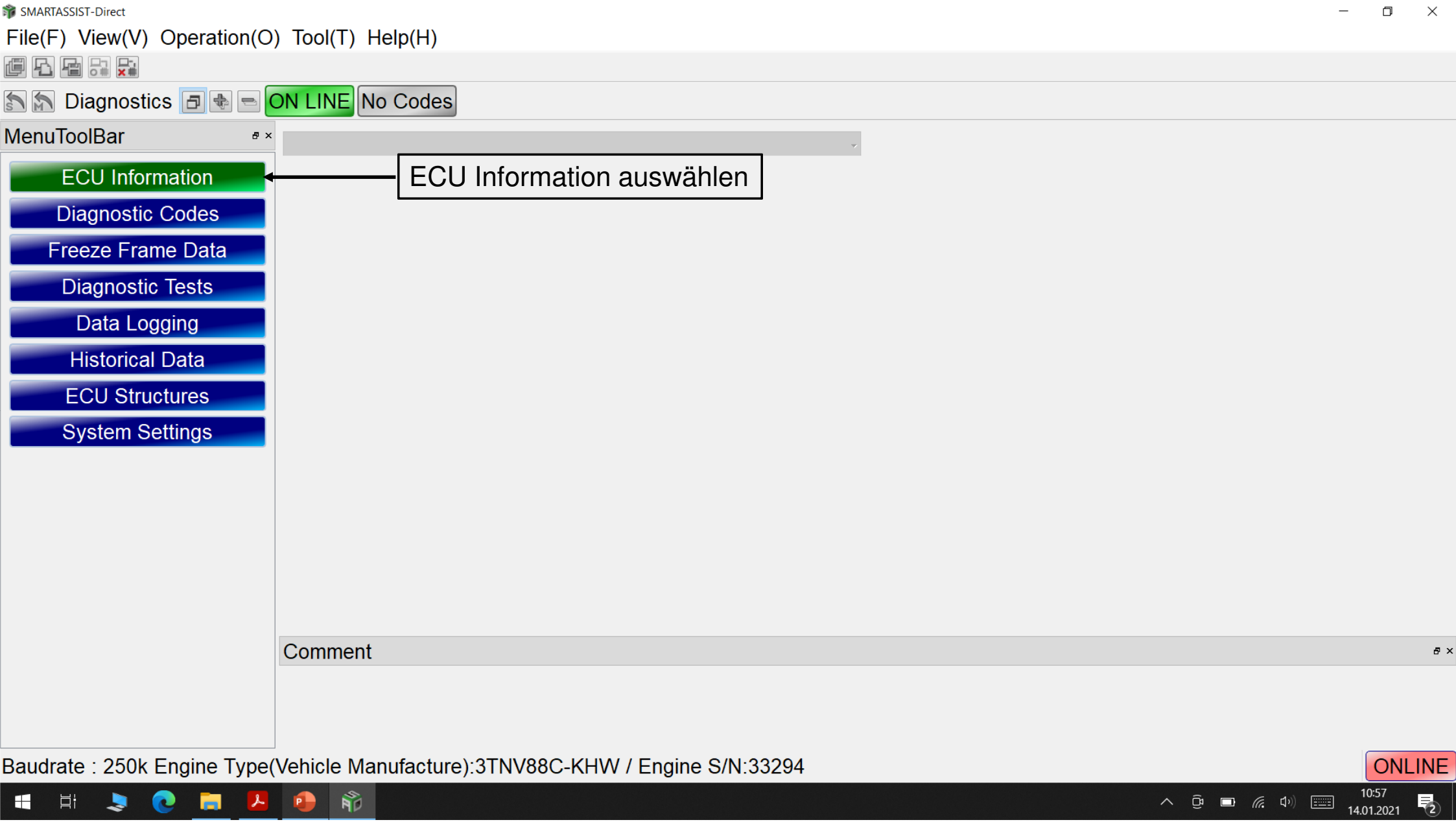

SMARTASSIST-Direct
File(F) View(V) Operation(O) Tool(T) Help(H)
Diagnostics
ON LINE
No Codes
MenuToolBar
ECU Information
Diagnostic Codes
Freeze Frame Data
Diagnostic Tests
Data Logging
Historical Data
ECU Structures
System Settings
ECU Information auswählen (ECU= Motorsteuergerät- Yanmar- A1)
Comment
Baudrate : 250k Engine Type(Vehicle Manufacture):3TNV88C-KHW / Engine S/N:33294
ONLINE
10:57
14.01.2021

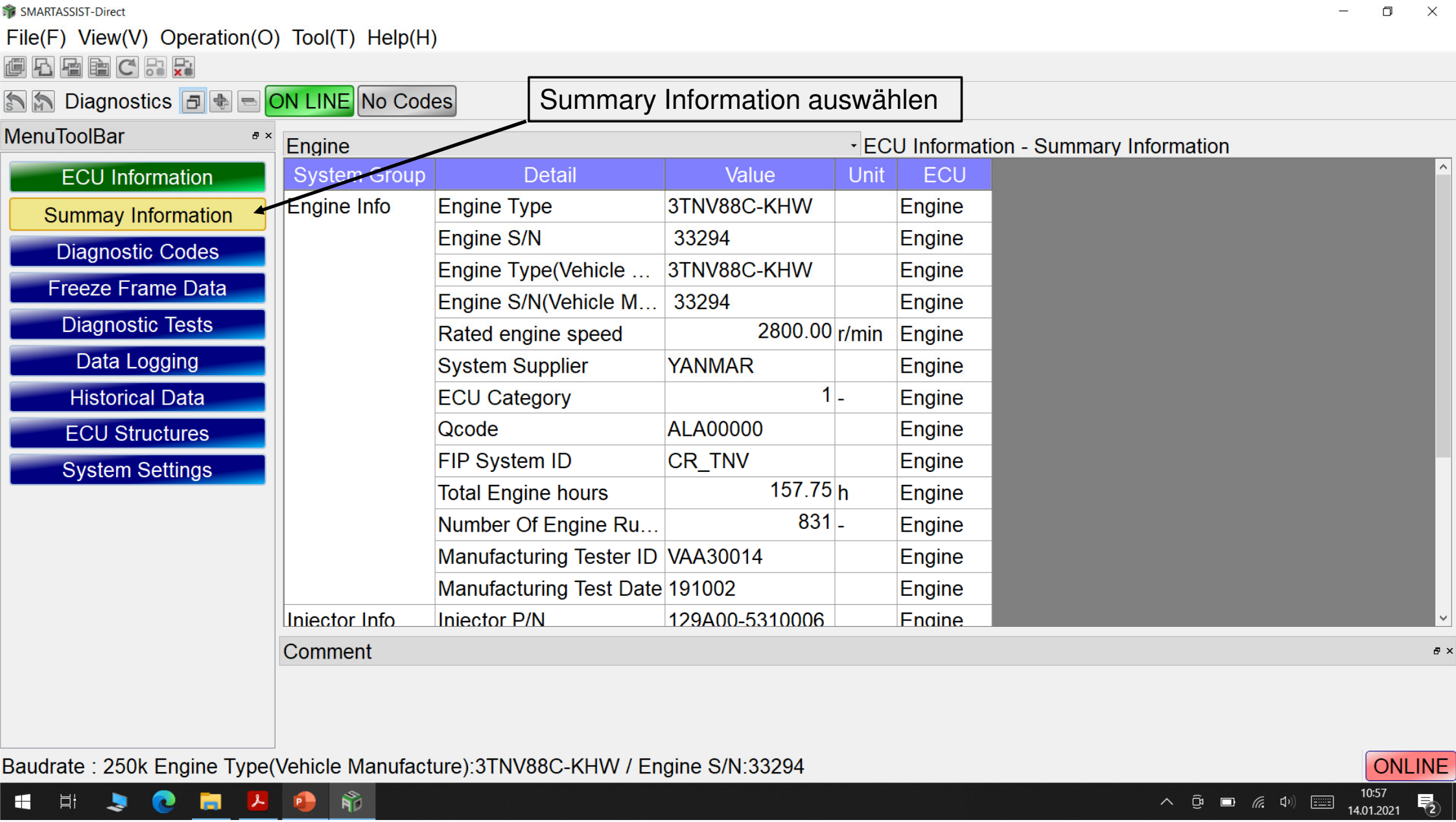


Zum Umstellen der Fehlercodeanzeige von P-Codes zu Anzeige mit FMI und SPN Fehlernummern bitte Tool(T) und Option(O) auswählen (anklicken).


SMARTASSIST-Direct
File(F) View(V) Operation(O) Tool(T) Help(H)
Diagnostics
ON LINE
No Codes
MenuToolBar
ECU Information
Summay Information
Diagnostic Codes
Active DTC
Logged DTC
DTC Information List
Freeze Frame Data
Diagnostic Tests
Data Logging
Historical Data
ECU Structures
System Settings
All ECU
Diagnostic Codes - Logged DTC
Clear Logged DTC
All Clear
Clear
Active
Code
FT
Description
OC
First
Late
P0337
00
No crank signal
1
192.95
P16
heck error)
4
174.70
Option
Unit Setting
Temperature
Celsius(degC)
Fahrenheit(degF)
Pressure
psi
kPa
Failure Display form
Receive Code
Conversion Code
Manual Language
English
Language Setup
English
Set
Cancel
Conversion Code auswählen
und mit Set bestätigen.
Baudrate : 250k Engine Type(Vehicle Manufacture):3TNV88C-KHW / Engine S/N:33294
ONLINE
11:01
14.01.2021


SMARTASSIST-Direct
File(F) View(V) Operation(O) Tool(T) Help(H)
Diagnostics
ON LINE
No Codes
FMI-Code
MenuToolBar
ECU Information
Summay Information
Diagnostic Codes
Active DTC
Logged DTC
DTC Information List
Freeze Frame Data
Diagnostic Tests
Data Logging
Historical Data
ECU Structures
System Settings
All ECU
Diagnostic Codes - Logged DTC
Clear Logged DTC
All Clear
Clear
Active
Code
FT
Description
OC
First
Late
522400
5
No crank signal
1
192.95
1209
10
EGR high pressure side sensor (Stuck check error)
4
174.70
SPN-Code
Baudrate : 250k Engine Type(Vehicle Manufacture):3TNV88C-KHW / Engine S/N:33294
ONLINE
11:02
14.01.2021


SMARTASSIST-Direct
File(F) View(V) Operation(O) Tool(T) Help(H)
Diagnostics
ON LINE
No Codes
MenuToolBar
ECU Information
Diagnostic Codes
Freeze Frame Data
Diagnostic Tests
Data Logging
Historical Data
ECU Structures
System Settings
ECU Information auswählen
Comment
Baudrate : 250k Engine Type(Vehicle Manufacture):3TNV88C-KHW / Engine S/N:33294
ONLINE
10:57
14.01.2021


SMARTASSIST-Direct
File(F) View(V) Operation(O) Tool(T) Help(H)
Diagnostics
ON LINE
No Codes
Summary Information auswählen
MenuToolBar
ECU Information
Summay Information
Diagnostic Codes
Freeze Frame Data
Diagnostic Tests
Data Logging
Historical Data
ECU Structures
System Settings
Engine
ECU Information - Summary Information
System Group | Detail | Value | Unit | ECU
Engine Info | Engine Type | 3TNV88C-KHW | | Engine
Engine S/N | 33294 | | Engine
Engine Type(Vehicle … | 3TNV88C-KHW | | Engine
Engine S/N(Vehicle M… | 33294 | | Engine
Rated engine speed | 2800.00 | r/min | Engine
System Supplier | YANMAR | | Engine
ECU Category | 1 | - | Engine
Qcode | ALA00000 | | Engine
FIP System ID | CR_TNV | | Engine
Total Engine hours | 157.75 | h | Engine
Number Of Engine Ru… | 831 | - | Engine
Manufacturing Tester ID | VAA30014 | | Engine
Manufacturing Test Date | 191002 | | Engine
Injector Info | Injector P/N | 129A00-5310006 | | Engine
Comment
Baudrate : 250k Engine Type(Vehicle Manufacture):3TNV88C-KHW / Engine S/N:33294
ONLINE
10:57
14.01.2021

SMARTASSIST-Direct

File(F) View(V) Operation(O) Tool(T) Help(H)

Diagnostics ON LINE No Codes

MenuToolBar

- ECU Information
- Summay Information
- Diagnostic Codes
- Freeze Frame Data
- Diagnostic Tests
- Data Logging
- Historical Data
- ECU Structures
- System Settings

Engine

ECU Information - Summary Information

System Group	Detail	Value	Unit	ECU
Engine Info	Engine Type	3TNV88C-KHW		Engine
	Engine S/N	33294		Engine
	Engine Type(Vehicle …	3TNV88C-KHW		Engine
	Engine S/N(Vehicle M…	33294		Engine
	Rated engine speed	2800.00	r/min	Engine
	System Supplier	YANMAR		Engine
	ECU Category	1	-	Engine
	Qcode	ALA00000		Engine
	FIP System ID	CR_TNV		Engine
	Total Engine hours	157.75	h	Engine
	Number Of Engine Ru…	831	-	Engine
	Manufacturing Tester ID	VAA30014		Engine
	Manufacturing Test Date	191002		Engine
Injector Info	Injector P/N	129A00-5310006		Engine

Comment

Baudrate : 250k Engine Type(Vehicle Manufacture):3TNV88C-KHW / Engine S/N:33294

ONLINE

10:58
14.01.2021

SMARTASSIST-Direct

File(F) View(V) Operation(O) Tool(T) Help(H)

Diagnostics ON LINE No Codes

MenuToolBar

- ECU Information
- Summay Information
- Diagnostic Codes
- Active DTC
- Logged DTC
- DTC Information List
- Freeze Frame Data
- Diagnostic Tests
- Data Logging
- Historical Data
- ECU Structures
- System Settings

Engine — ECU Information - Summary Information

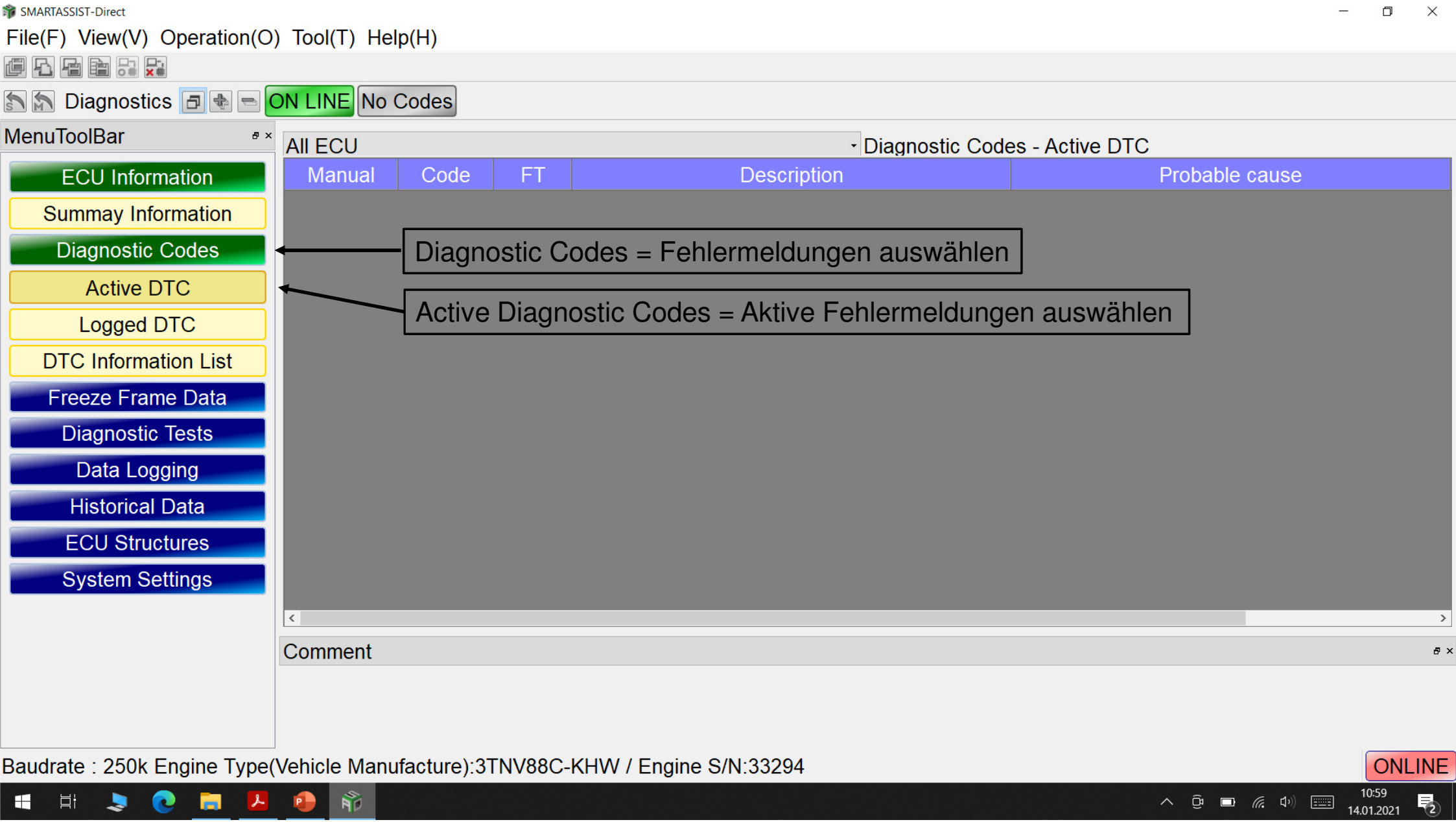
System Group	Detail	Value	Unit	ECU
Engine Info	Engine Type	3TNV88C-KHW		Engine
	Engine S/N	33294		Engine
	Engine Type(Vehicle …	3TNV88C-KHW		Engine
	Engine S/N(Vehicle M…	33294		Engine
	Rated engine speed	2800.00	r/min	Engine
	System Supplier	YANMAR		Engine
	ECU Category	1	-	Engine
	Qcode	ALA00000		Engine
	FIP System ID	CR_TNV		Engine
	Total Engine hours	157.75	h	Engine
	Number Of Engine Ru…	831	-	Engine
	Manufacturing Tester ID	VAA30014		Engine
	Manufacturing Test Date	191002		Engine
Injector Info	Injector P/N	129A00-5310006		Engine

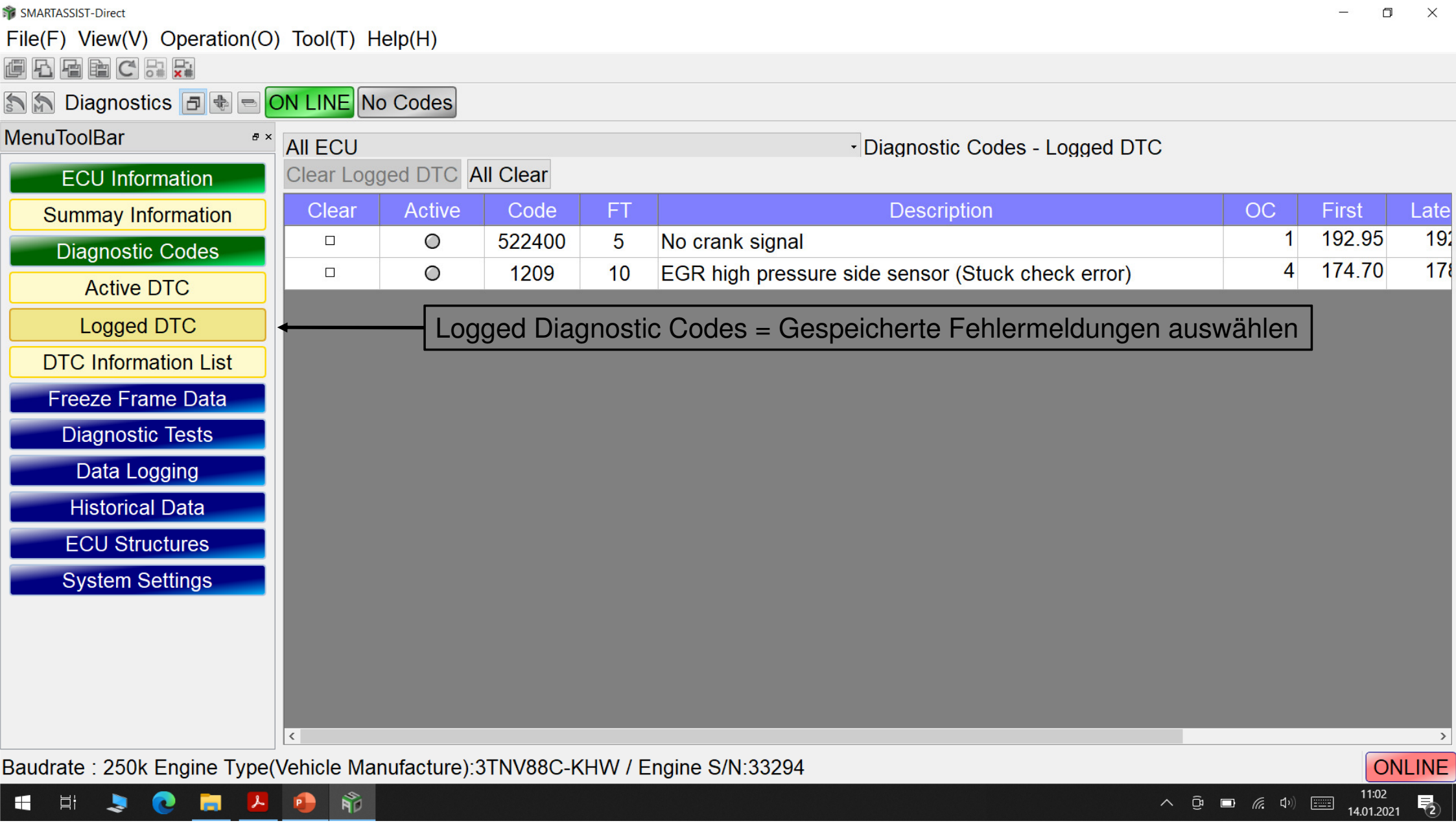
Comment

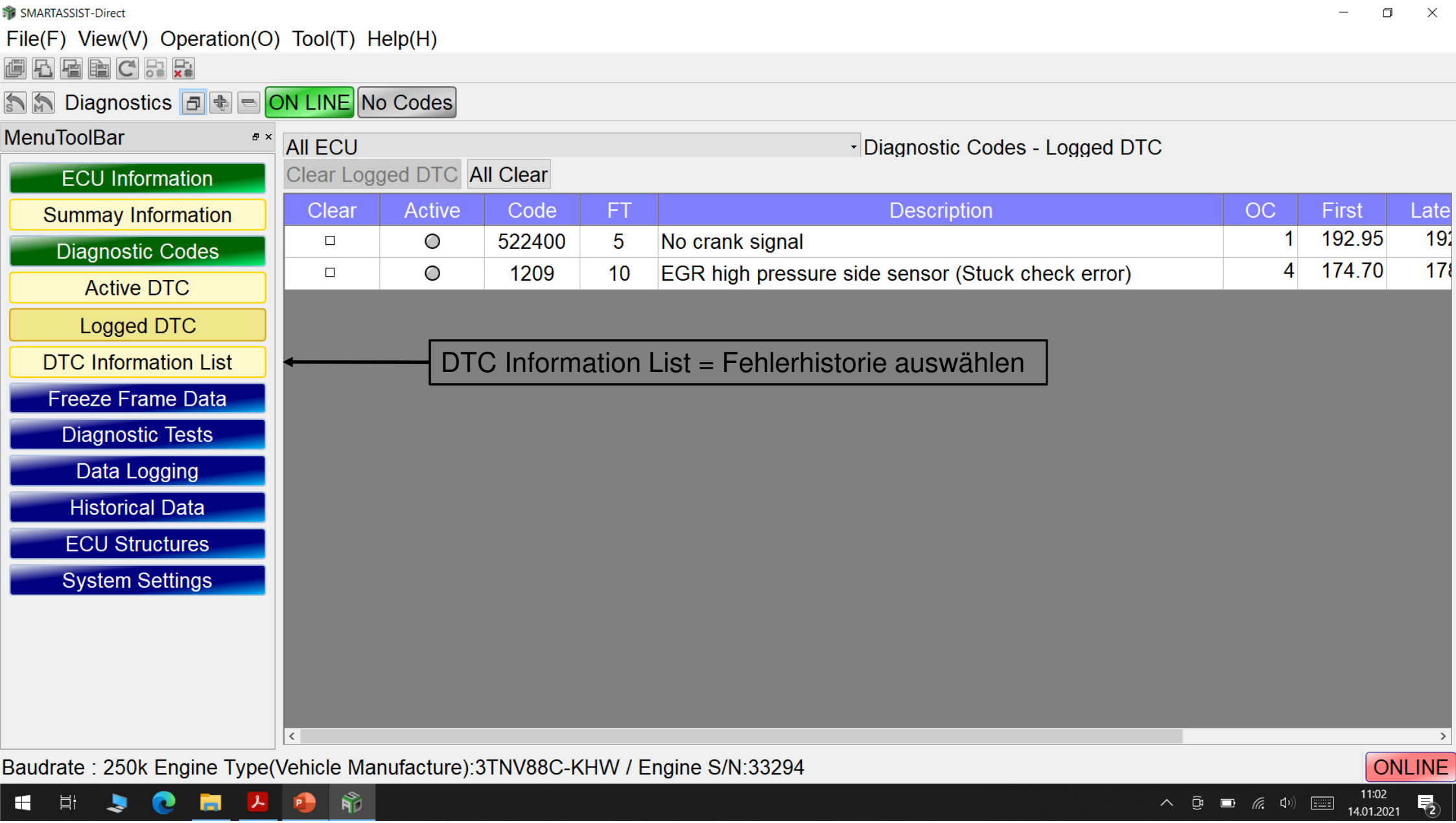
Baudrate : 250k Engine Type(Vehicle Manufacture):3TNV88C-KHW / Engine S/N:33294

ONLINE

10:58
14.01.2021


SMARTASSIST-Direct
File(F) View(V) Operation(O) Tool(T) Help(H)
Diagnostics
ON LINE
No Codes
MenuToolBar
ECU Information
Summay Information
Diagnostic Codes
Active DTC
Logged DTC
DTC Information List
Freeze Frame Data
Diagnostic Tests
Data Logging
Historical Data
ECU Structures
System Settings
All ECU
Diagnostic Codes - Active DTC
Manual
Code
FT
Description
Probable cause
Diagnostic Codes = Fehlermeldungen auswählen
Active Diagnostic Codes = Aktive Fehlermeldungen auswählen
Comment
Baudrate : 250k Engine Type(Vehicle Manufacture):3TNV88C-KHW / Engine S/N:33294
ONLINE
10:59
14.01.2021


SMARTASSIST-Direct
File(F) View(V) Operation(O) Tool(T) Help(H)
Diagnostics
ON LINE
No Codes
MenuToolBar
ECU Information
Summay Information
Diagnostic Codes
Active DTC
Logged DTC
DTC Information List
Freeze Frame Data
Diagnostic Tests
Data Logging
Historical Data
ECU Structures
System Settings
All ECU
Diagnostic Codes - Logged DTC
Clear Logged DTC
All Clear
Clear
Active
Code
FT
Description
OC
First
Late
522400
5
No crank signal
1
192.95
1209
10
EGR high pressure side sensor (Stuck check error)
4
174.70
Logged Diagnostic Codes = Gespeicherte Fehlermeldungen auswählen
Baudrate : 250k Engine Type(Vehicle Manufacture):3TNV88C-KHW / Engine S/N:33294
ONLINE
11:02
14.01.2021


SMARTASSIST-Direct
File(F) View(V) Operation(O) Tool(T) Help(H)
Diagnostics
ON LINE
No Codes
MenuToolBar
ECU Information
Summay Information
Diagnostic Codes
Active DTC
Logged DTC
DTC Information List
Freeze Frame Data
Diagnostic Tests
Data Logging
Historical Data
ECU Structures
System Settings
All ECU
Diagnostic Codes - Logged DTC
Clear Logged DTC
All Clear
Clear
Active
Code
FT
Description
OC
First
Late
522400
5
No crank signal
1
192.95
1209
10
EGR high pressure side sensor (Stuck check error)
4
174.70
DTC Information List = Fehlerhistorie auswählen
Baudrate : 250k Engine Type(Vehicle Manufacture):3TNV88C-KHW / Engine S/N:33294
ONLINE
11:02
14.01.2021

SMARTASSIST-Direct

File(F) View(V) Operation(O) Tool(T) Help(H)

Diagnostics ON LINE No Codes

MenuToolBar

- ECU Information
- Summay Information
- Diagnostic Codes
- Active DTC
- Logged DTC
- DTC Information List
- Freeze Frame Data
- Diagnostic Tests
- Data Logging
- Historical Data
- ECU Structures
- System Settings

Diagnostic Codes - DTC Information List

Description Search Search

Code	FT	Description	SPN	ECU
P0008	00	No signal on both crank and cam speed sensor	523249 FMI:5	Engine
P000F	00	PLV open valve	157 FMI:16	Engine
P0088	00	Actual rail pressure rise error	157 FMI:0	Engine
P0093	00	Rail pressure deviation error during the actual rail pressure rise	157 FMI:15	Engine
P0094	00	Rail pressure deviation error during the actual rail pressure drop	157 FMI:18	Engine
P0112	00	New air temperature sensor fault (Low voltage)	172 FMI:4	Engine
P0113	00	New air temperature sensor fault (High voltage)	172 FMI:3	Engine
P0117	00	Cooling water temperature sensor fault (Low voltage)	110 FMI:4	Engine
P0118	00	Cooling water temperature sensor fault (High voltage)	110 FMI:3	Engine
P0122	00	Accelerator sensor 1 (Insufficient sensor output)	91 FMI:4	Engine
P0123	00	Accelerator sensor 1 (Excessive sensor output)	91 FMI:3	Engine
P0168	00	Fuel temperature sensor temperature abnormal high	174 FMI:0	Engine
P0182	00	Fuel temperature sensor fault (Low voltage)	174 FMI:4	Engine
P0183	00	Fuel temperature sensor fault (High voltage)	174 FMI:3	Engine
P0192	00	Rail pressure sensor fault (Low voltage)	157 FMI:4	Engine
P0193	00	Rail pressure sensor fault (High voltage)	157 FMI:3	Engine

Baudrate : 250k Engine Type(Vehicle Manufacture):3TNV88C-KHW / Engine S/N:33294

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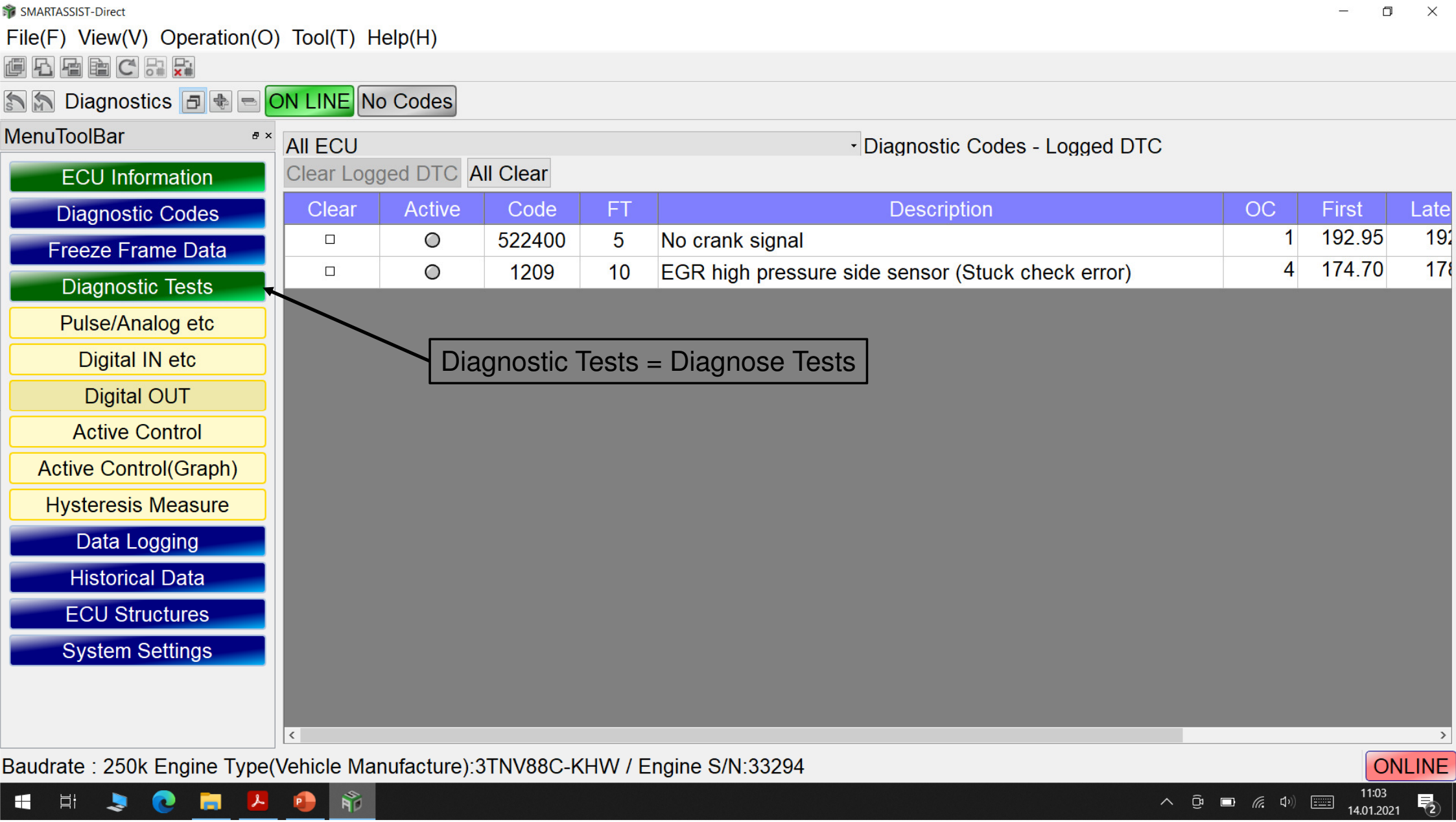
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All Clear
Clear
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Code
FT
Description
OC
First
Late
522400
5
No crank signal
1
192.95
1209
10
EGR high pressure side sensor (Stuck check error)
4
174.70
Diagnostic Tests = Diagnose Tests
Baudrate : 250k Engine Type(Vehicle Manufacture):3TNV88C-KHW / Engine S/N:33294
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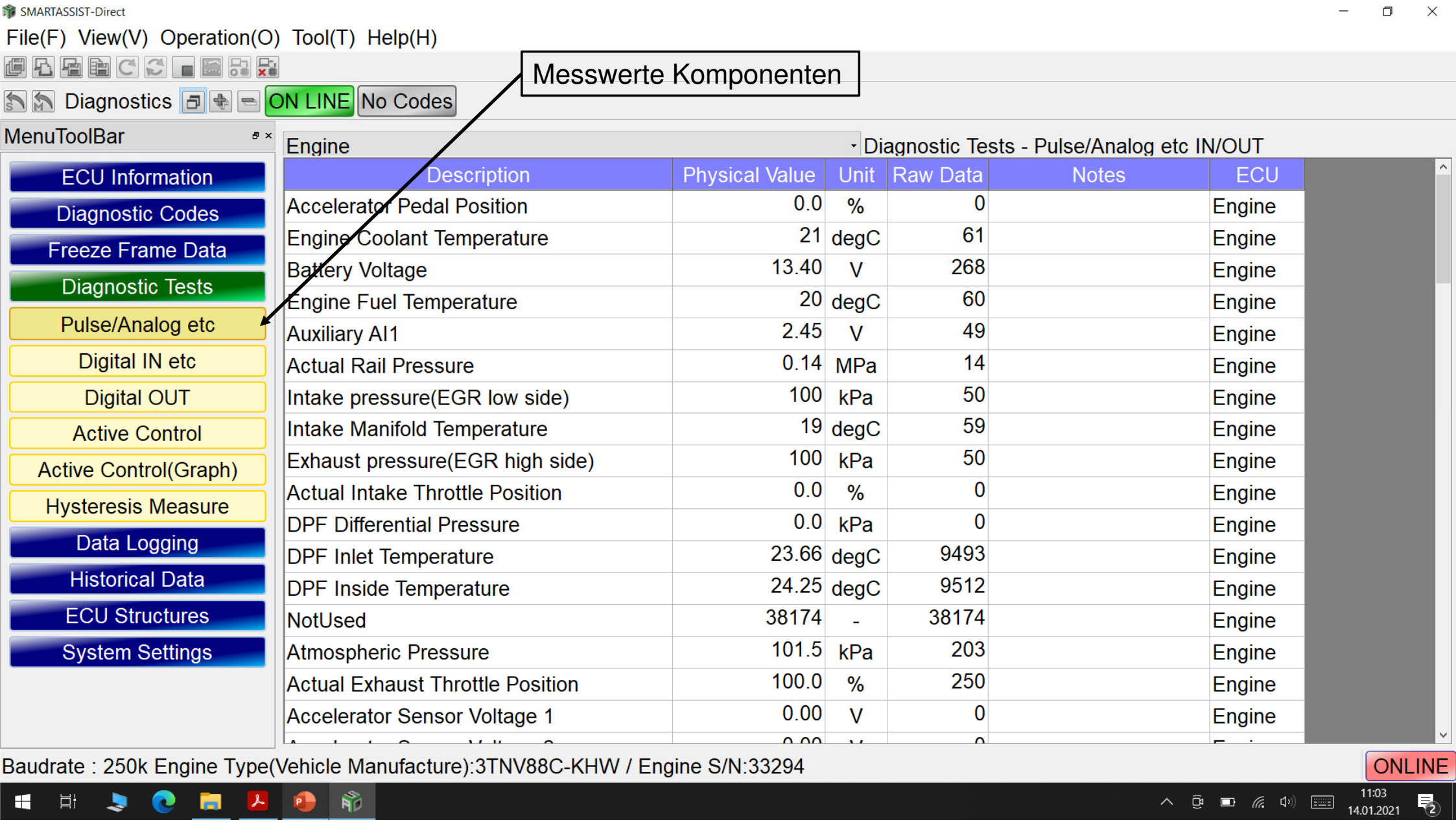
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Diagnostic Tests - Pulse/Analog etc IN/OUT
Description | Physical Value | Unit | Raw Data | Notes | ECU
Accelerator Pedal Position | 0.0 | % | 0 | | Engine
Engine Coolant Temperature | 21 | degC | 61 | | Engine
Battery Voltage | 13.40 | V | 268 | | Engine
Engine Fuel Temperature | 20 | degC | 60 | | Engine
Auxiliary AI1 | 2.45 | V | 49 | | Engine
Actual Rail Pressure | 0.14 | MPa | 14 | | Engine
Intake pressure(EGR low side) | 100 | kPa | 50 | | Engine
Intake Manifold Temperature | 19 | degC | 59 | | Engine
Exhaust pressure(EGR high side) | 100 | kPa | 50 | | Engine
Actual Intake Throttle Position | 0.0 | % | 0 | | Engine
DPF Differential Pressure | 0.0 | kPa | 0 | | Engine
DPF Inlet Temperature | 23.66 | degC | 9493 | | Engine
DPF Inside Temperature | 24.25 | degC | 9512 | | Engine
NotUsed | 38174 | - | 38174 | | Engine
Atmospheric Pressure | 101.5 | kPa | 203 | | Engine
Actual Exhaust Throttle Position | 100.0 | % | 250 | | Engine
Accelerator Sensor Voltage 1 | 0.00 | V | 0 | | Engine
Baudrate : 250k Engine Type(Vehicle Manufacture):3TNV88C-KHW / Engine S/N:33294
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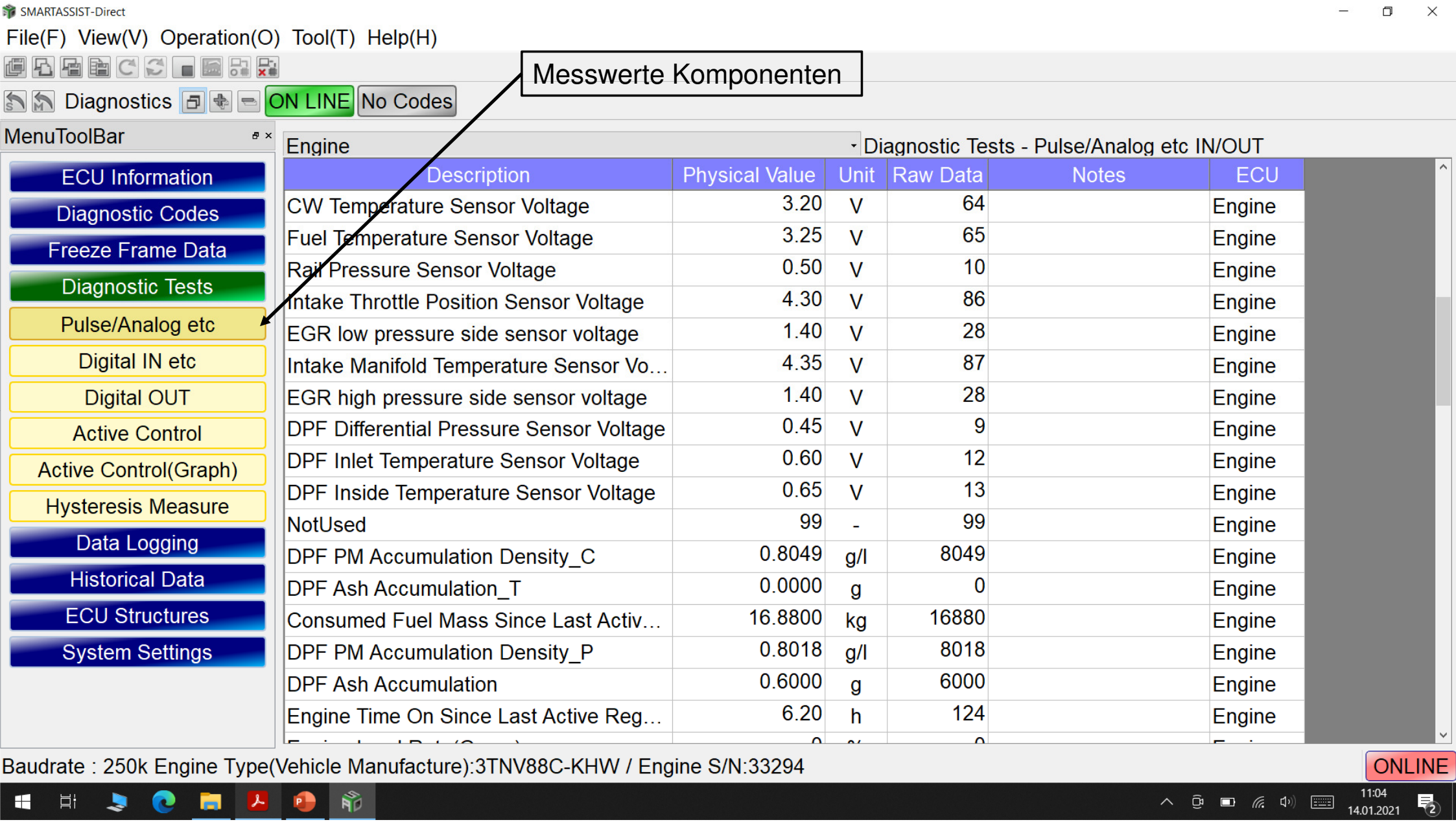
14.01.2021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Description | Physical Value | Unit | Raw Data | Notes | ECU
CW Temperature Sensor Voltage | 3.20 | V | 64 | | Engine
Fuel Temperature Sensor Voltage | 3.25 | V | 65 | | Engine
Rail Pressure Sensor Voltage | 0.50 | V | 10 | | Engine
Intake Throttle Position Sensor Voltage | 4.30 | V | 86 | | Engine
EGR low pressure side sensor voltage | 1.40 | V | 28 | | Engine
Intake Manifold Temperature Sensor Vo… | 4.35 | V | 87 | | Engine
EGR high pressure side sensor voltage | 1.40 | V | 28 | | Engine
DPF Differential Pressure Sensor Voltage | 0.45 | V | 9 | | Engine
DPF Inlet Temperature Sensor Voltage | 0.60 | V | 12 | | Engine
DPF Inside Temperature Sensor Voltage | 0.65 | V | 13 | | Engine
NotUsed | 99 | - | 99 | | Engine
DPF PM Accumulation Density_C | 0.8049 | g/l | 8049 | | Engine
DPF Ash Accumulation_T | 0.0000 | g | 0 | | Engine
Consumed Fuel Mass Since Last Activ… | 16.8800 | kg | 16880 | | Engine
DPF PM Accumulation Density_P | 0.8018 | g/l | 8018 | | Engine
DPF Ash Accumulation | 0.6000 | g | 6000 | | Engine
Engine Time On Since Last Active Reg… | 6.20 | h | 124 | | Engine
Baudrate : 250k Engine Type(Vehicle Manufacture):3TNV88C-KHW / Engine S/N:33294
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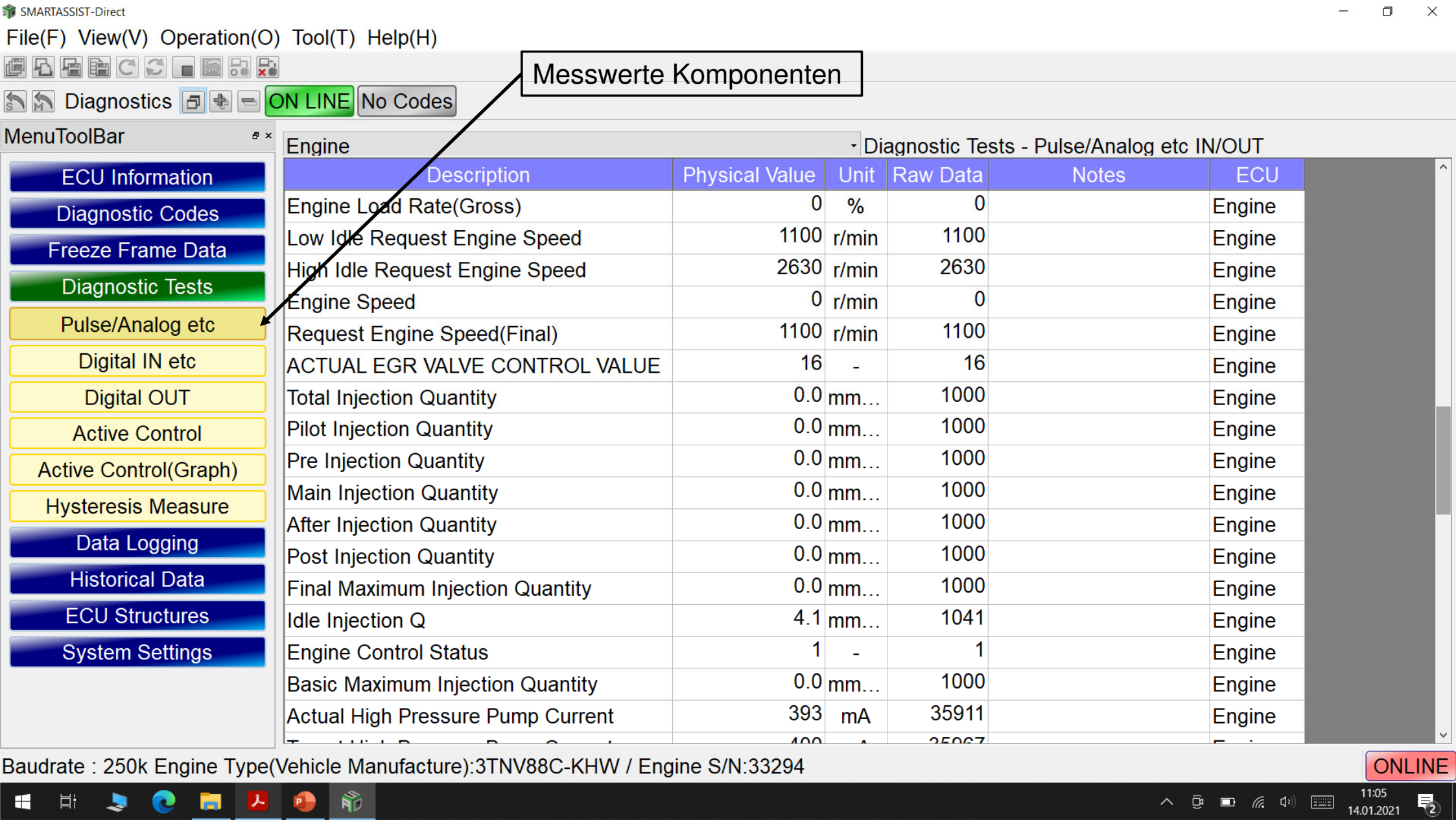
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Diagnostic Tests - Pulse/Analog etc IN/OUT
Description | Physical Value | Unit | Raw Data | Notes | ECU
Engine Load Rate(Gross) | 0 | % | 0 | | Engine
Low Idle Request Engine Speed | 1100 | r/min | 1100 | | Engine
High Idle Request Engine Speed | 2630 | r/min | 2630 | | Engine
Engine Speed | 0 | r/min | 0 | | Engine
Request Engine Speed(Final) | 1100 | r/min | 1100 | | Engine
ACTUAL EGR VALVE CONTROL VALUE | 16 | - | 16 | | Engine
Total Injection Quantity | 0.0 | mm... | 1000 | | Engine
Pilot Injection Quantity | 0.0 | mm... | 1000 | | Engine
Pre Injection Quantity | 0.0 | mm... | 1000 | | Engine
Main Injection Quantity | 0.0 | mm... | 1000 | | Engine
After Injection Quantity | 0.0 | mm... | 1000 | | Engine
Post Injection Quantity | 0.0 | mm... | 1000 | | Engine
Final Maximum Injection Quantity | 0.0 | mm... | 1000 | | Engine
Idle Injection Q | 4.1 | mm... | 1041 | | Engine
Engine Control Status | 1 | - | 1 | | Engine
Basic Maximum Injection Quantity | 0.0 | mm... | 1000 | | Engine
Actual High Pressure Pump Current | 393 | mA | 35911 | | Engine
Baudrate : 250k Engine Type(Vehicle Manufacture):3TNV88C-KHW / Engine S/N:33294
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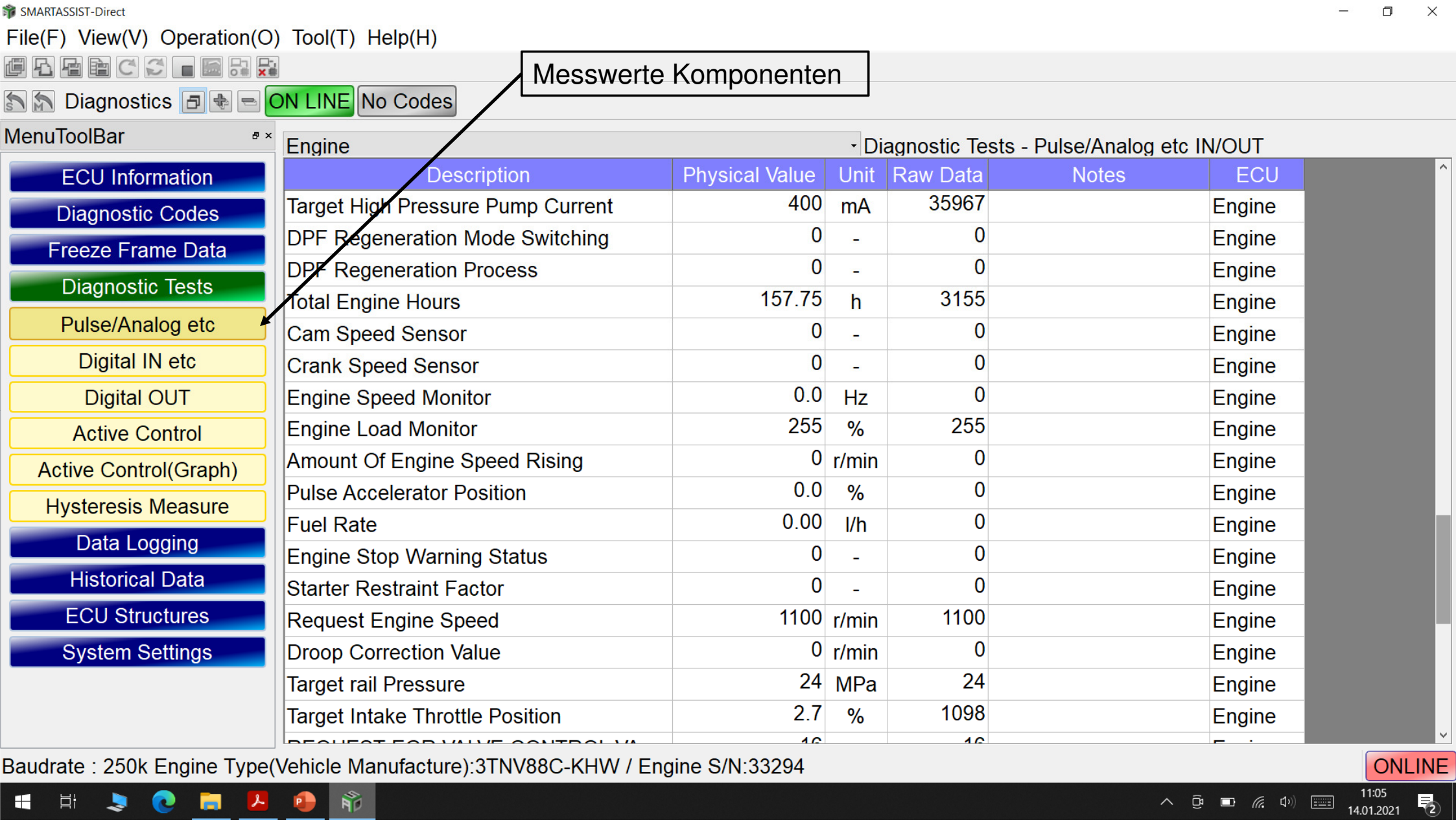
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Diagnostic Tests - Pulse/Analog etc IN/OUT
Description | Physical Value | Unit | Raw Data | Notes | ECU
Target High Pressure Pump Current | 400 | mA | 35967 | | Engine
DPF Regeneration Mode Switching | 0 | - | 0 | | Engine
DPF Regeneration Process | 0 | - | 0 | | Engine
Total Engine Hours | 157.75 | h | 3155 | | Engine
Cam Speed Sensor | 0 | - | 0 | | Engine
Crank Speed Sensor | 0 | - | 0 | | Engine
Engine Speed Monitor | 0.0 | Hz | 0 | | Engine
Engine Load Monitor | 255 | % | 255 | | Engine
Amount Of Engine Speed Rising | 0 | r/min | 0 | | Engine
Pulse Accelerator Position | 0.0 | % | 0 | | Engine
Fuel Rate | 0.00 | l/h | 0 | | Engine
Engine Stop Warning Status | 0 | - | 0 | | Engine
Starter Restraint Factor | 0 | - | 0 | | Engine
Request Engine Speed | 1100 | r/min | 1100 | | Engine
Droop Correction Value | 0 | r/min | 0 | | Engine
Target rail Pressure | 24 | MPa | 24 | | Engine
Target Intake Throttle Position | 2.7 | % | 1098 | | Engine
Baudrate : 250k Engine Type(Vehicle Manufacture):3TNV88C-KHW / Engine S/N:33294
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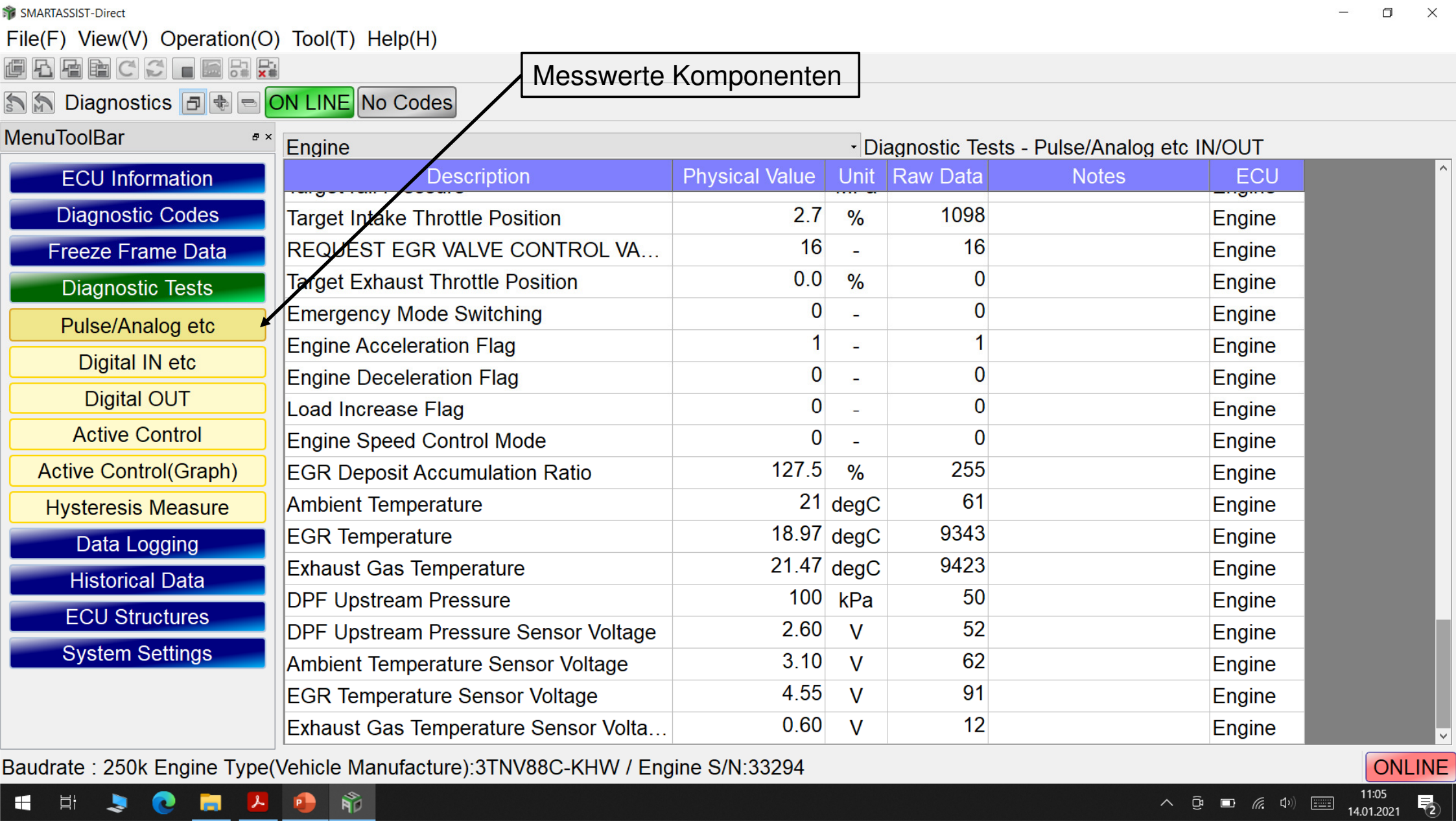
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Diagnostic Tests - Pulse/Analog etc IN/OUT
Description | Physical Value | Unit | Raw Data | Notes | ECU
Target Intake Throttle Position | 2.7 | % | 1098 | | Engine
REQUEST EGR VALVE CONTROL VA... | 16 | - | 16 | | Engine
Target Exhaust Throttle Position | 0.0 | % | 0 | | Engine
Emergency Mode Switching | 0 | - | 0 | | Engine
Engine Acceleration Flag | 1 | - | 1 | | Engine
Engine Deceleration Flag | 0 | - | 0 | | Engine
Load Increase Flag | 0 | - | 0 | | Engine
Engine Speed Control Mode | 0 | - | 0 | | Engine
EGR Deposit Accumulation Ratio | 127.5 | % | 255 | | Engine
Ambient Temperature | 21 | degC | 61 | | Engine
EGR Temperature | 18.97 | degC | 9343 | | Engine
Exhaust Gas Temperature | 21.47 | degC | 9423 | | Engine
DPF Upstream Pressure | 100 | kPa | 50 | | Engine
DPF Upstream Pressure Sensor Voltage | 2.60 | V | 52 | | Engine
Ambient Temperature Sensor Voltage | 3.10 | V | 62 | | Engine
EGR Temperature Sensor Voltage | 4.55 | V | 91 | | Engine
Exhaust Gas Temperature Sensor Volta... | 0.60 | V | 12 | | Engine
Baudrate : 250k Engine Type(Vehicle Manufacture):3TNV88C-KHW / Engine S/N:33294
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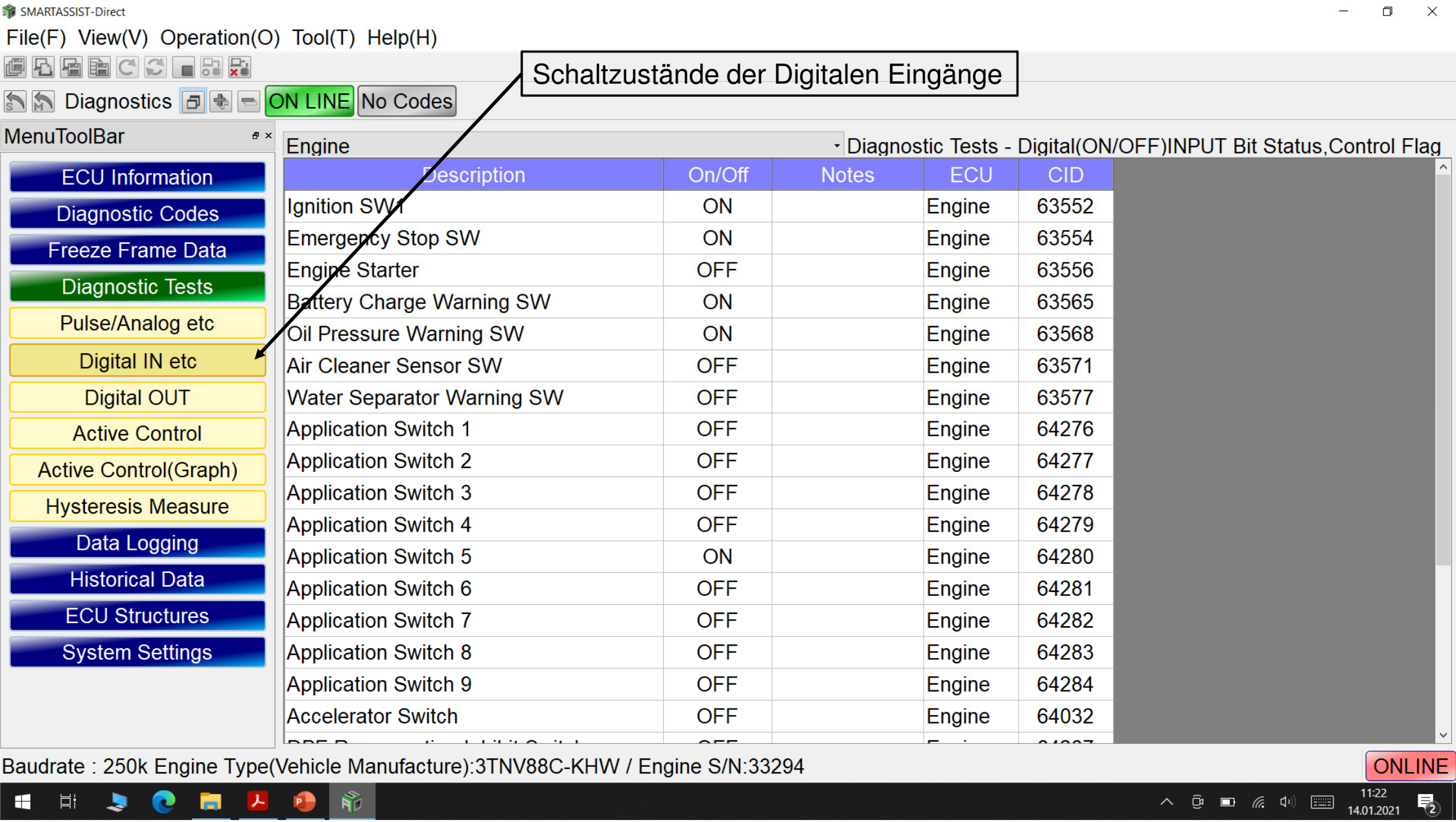
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Engine
Diagnostic Tests - Digital(ON/OFF)INPUT Bit Status,Control Flag
Description | On/Off | Notes | ECU | CID
Ignition SW1 | ON | | Engine | 63552
Emergency Stop SW | ON | | Engine | 63554
Engine Starter | OFF | | Engine | 63556
Battery Charge Warning SW | ON | | Engine | 63565
Oil Pressure Warning SW | ON | | Engine | 63568
Air Cleaner Sensor SW | OFF | | Engine | 63571
Water Separator Warning SW | OFF | | Engine | 63577
Application Switch 1 | OFF | | Engine | 64276
Application Switch 2 | OFF | | Engine | 64277
Application Switch 3 | OFF | | Engine | 64278
Application Switch 4 | OFF | | Engine | 64279
Application Switch 5 | ON | | Engine | 64280
Application Switch 6 | OFF | | Engine | 64281
Application Switch 7 | OFF | | Engine | 64282
Application Switch 8 | OFF | | Engine | 64283
Application Switch 9 | OFF | | Engine | 64284
Accelerator Switch | OFF | | Engine | 64032
Baudrate : 250k Engine Type(Vehicle Manufacture):3TNV88C-KHW / Engine S/N:33294
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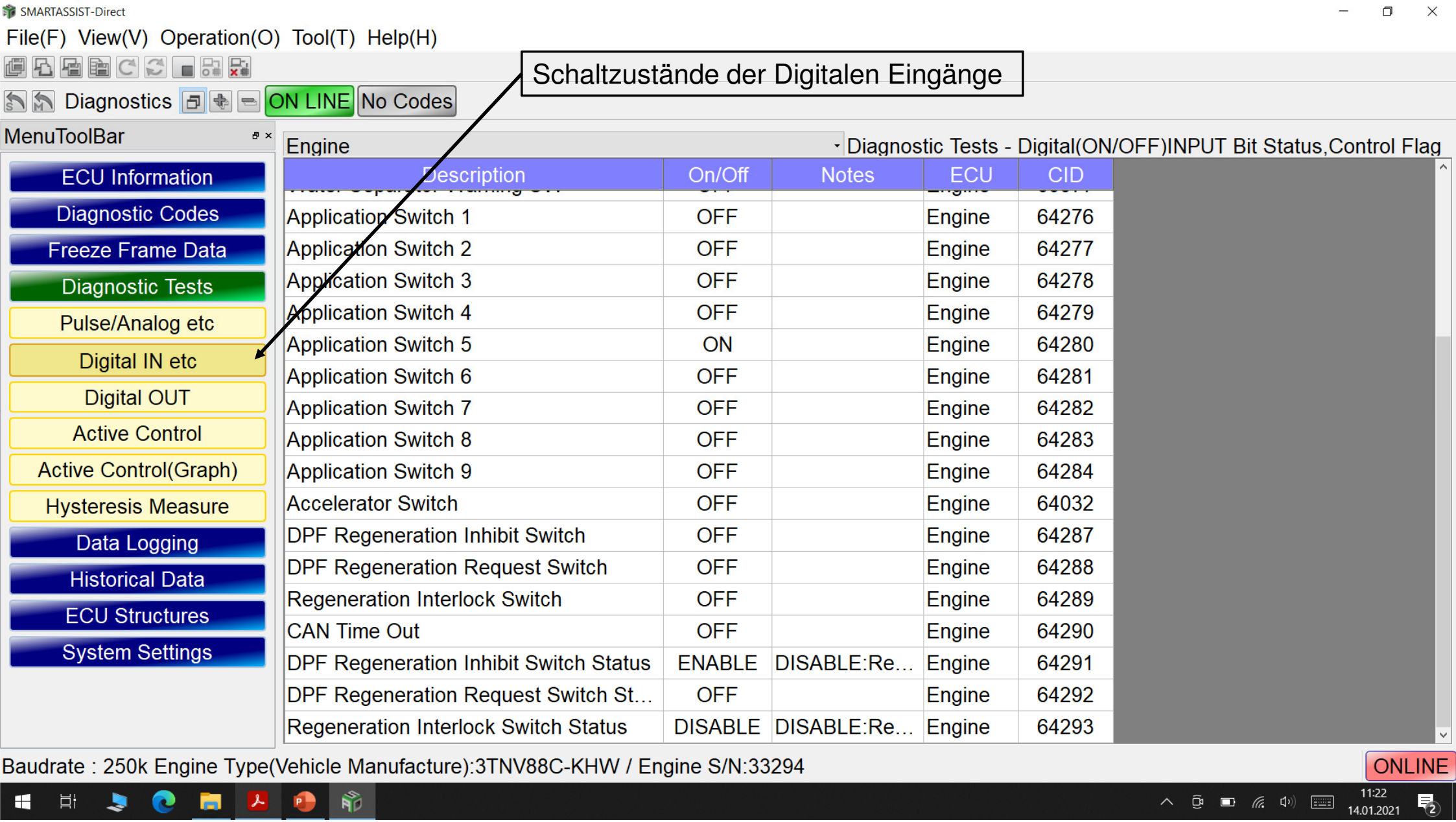
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Engine
Diagnostic Tests - Digital(ON/OFF)INPUT Bit Status,Control Flag
Description | On/Off | Notes | ECU | CID
Application Switch 1 | OFF | | Engine | 64276
Application Switch 2 | OFF | | Engine | 64277
Application Switch 3 | OFF | | Engine | 64278
Application Switch 4 | OFF | | Engine | 64279
Application Switch 5 | ON | | Engine | 64280
Application Switch 6 | OFF | | Engine | 64281
Application Switch 7 | OFF | | Engine | 64282
Application Switch 8 | OFF | | Engine | 64283
Application Switch 9 | OFF | | Engine | 64284
Accelerator Switch | OFF | | Engine | 64032
DPF Regeneration Inhibit Switch | OFF | | Engine | 64287
DPF Regeneration Request Switch | OFF | | Engine | 64288
Regeneration Interlock Switch | OFF | | Engine | 64289
CAN Time Out | OFF | | Engine | 64290
DPF Regeneration Inhibit Switch Status | ENABLE | DISABLE:Re... | Engine | 64291
DPF Regeneration Request Switch St... | OFF | | Engine | 64292
Regeneration Interlock Switch Status | DISABLE | DISABLE:Re... | Engine | 64293
Baudrate : 250k Engine Type(Vehicle Manufacture):3TNV88C-KHW / Engine S/N:33294
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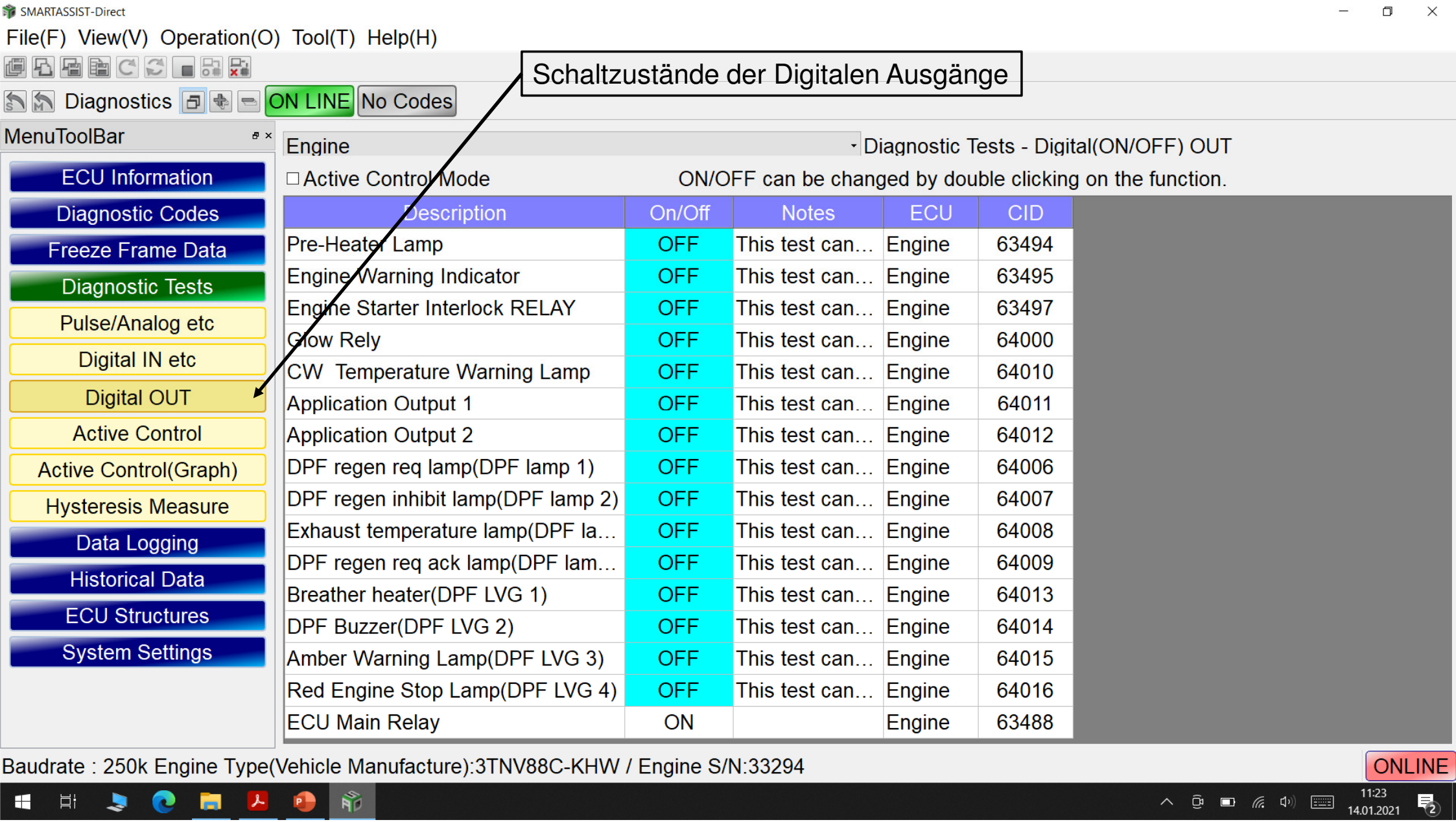
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Active Control Mode
ON/OFF can be changed by double clicking on the function.
Description | On/Off | Notes | ECU | CID
Pre-Heater Lamp | OFF | This test can... | Engine | 63494
Engine Warning Indicator | OFF | This test can... | Engine | 63495
Engine Starter Interlock RELAY | OFF | This test can... | Engine | 63497
Glow Rely | OFF | This test can... | Engine | 64000
CW Temperature Warning Lamp | OFF | This test can... | Engine | 64010
Application Output 1 | OFF | This test can... | Engine | 64011
Application Output 2 | OFF | This test can... | Engine | 64012
DPF regen req lamp(DPF lamp 1) | OFF | This test can... | Engine | 64006
DPF regen inhibit lamp(DPF lamp 2) | OFF | This test can... | Engine | 64007
Exhaust temperature lamp(DPF la... | OFF | This test can... | Engine | 64008
DPF regen req ack lamp(DPF lam... | OFF | This test can... | Engine | 64009
Breather heater(DPF LVG 1) | OFF | This test can... | Engine | 64013
DPF Buzzer(DPF LVG 2) | OFF | This test can... | Engine | 64014
Amber Warning Lamp(DPF LVG 3) | OFF | This test can... | Engine | 64015
Red Engine Stop Lamp(DPF LVG 4) | OFF | This test can... | Engine | 64016
ECU Main Relay | ON | | Engine | 63488
Baudrate : 250k Engine Type(Vehicle Manufacture):3TNV88C-KHW / Engine S/N:33294
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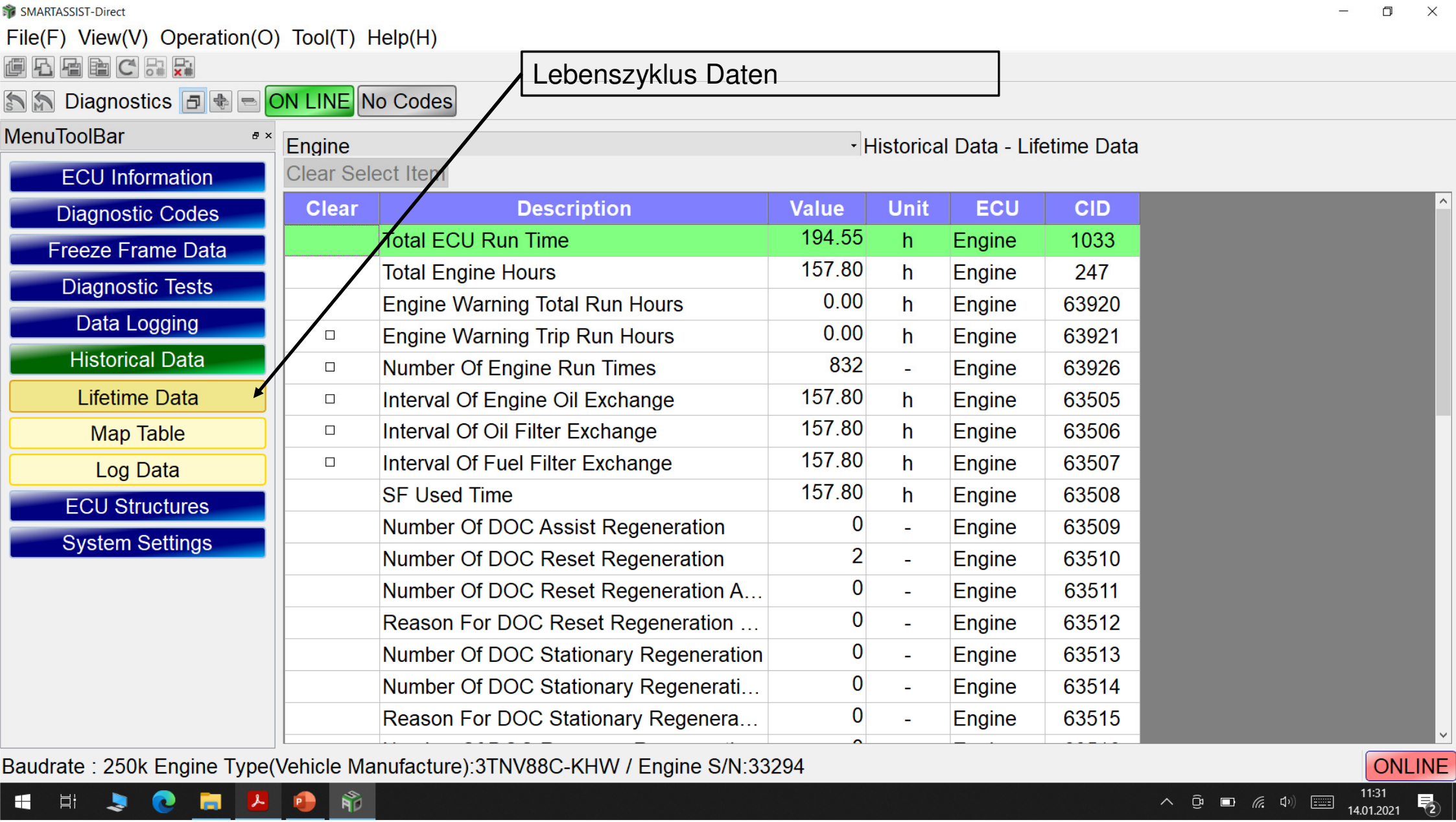
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Clear
Description
Value
Unit
ECU
CID
Total ECU Run Time 194.55 h Engine 1033
Total Engine Hours 157.80 h Engine 247
Engine Warning Total Run Hours 0.00 h Engine 63920
Engine Warning Trip Run Hours 0.00 h Engine 63921
Number Of Engine Run Times 832 - Engine 63926
Interval Of Engine Oil Exchange 157.80 h Engine 63505
Interval Of Oil Filter Exchange 157.80 h Engine 63506
Interval Of Fuel Filter Exchange 157.80 h Engine 63507
SF Used Time 157.80 h Engine 63508
Number Of DOC Assist Regeneration 0 - Engine 63509
Number Of DOC Reset Regeneration 2 - Engine 63510
Number Of DOC Reset Regeneration A... 0 - Engine 63511
Reason For DOC Reset Regeneration ... 0 - Engine 63512
Number Of DOC Stationary Regeneration 0 - Engine 63513
Number Of DOC Stationary Regenerati... 0 - Engine 63514
Reason For DOC Stationary Regenera... 0 - Engine 63515
Baudrate : 250k Engine Type(Vehicle Manufacture):3TNV88C-KHW / Engine S/N:33294
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