SERVICE BULLETIN

Subject: General Software Improvement Bulletin	Bulletin Type: Field Fix Conditional
Bulletin No: TS30-FC-2301	PQR No: 500000007196, 500000007197
Rev No: 00	Ref. No: 700004192
Vehicle Model: TS30	Flat Rate Time / Code:50 min
Date of issue: 03.02.2023	Modify Before: 03.02.2024

What to do with off coming parts:	What to do with outstanding parts of previous revision:
☐ Scrap	☐Scrap
☐Return	☐Return
☐Use with additional parts	☐Use with additional parts
☐On consignment	☐On consignment
☒ No off coming parts	☒ No outstanding parts

Description of the modification:

The purpose of the bulletin is to ensure the improvement of brake air tank pressure sensor warnings and fire extinguishing system warnings.

Bulletin Responsible: Bahadır Kaya

Published & Approved By: Alper Tekniker

SERVICE BULLETIN

SAFETY INSTRUCTIONS

1. Mechanical Requested Dress Code



WARNING:

- Dress properly to avoid personal injury and damage to the vehicle

- ✓ Always wear protective clothing
- ✓ Do not wear any worn or loose-fitting clothing
- ✓ Remove jewelry before starting to work
- ✓ In case of long hair, use hairnet
- ✓ The illustration on the left shows some of the correct and incorrect clothing
- ✓ Sharp edged items should be avoided in order not to scratch vehicle (i.e. belts, watches, necklace)

2. Protect Seats when Mechanic Starts Working



- ✓ Seats, trimming, upholstery stuff and carpeting should be protected with appropriate coverings.

3. Welding on the Chassis

a. Always disconnect the batteries (starting with the negative lead).
b. Disconnect the connectors of electrical and electronic equipment (electronic control units, sensors and actuators) if they are less than 2 meters away from the chassis part to be welded or the earth terminal of the welding equipment.
c. The earth terminal should never be attached to vehicle components such as engine, axles and springs. Arcing on these parts is not permitted, because of the risk of damage to bearings, springs, etc.
d. The earth terminal must make good contact and be placed as close as possible to the part to be welded.
e. Plastic pipes, rubber parts and parabolic springs should be well protected against welding spatter and temperatures higher than 70°.
f. The contact switch must not be in the accessory or contact position. The contact key should be removed.
g. Reconnect in reversed order of disconnecting. Ensure that a good earth connection is made between chassis, engine and cab.

SERVICE BULLETIN

INCLUDED PARTS LIST

	Part No	Part Name	Picture	Qty	Unit of Measure

The program Link

Kibes :

** TS00-LC3-018 software should be installed on vehicles with software starting with TS00-LC3-…

https://content.temsa.com/ContentServer/ContentServer.dll?get&pVersion=0045&contRep=ZADNSPEKTEP07101&docId=5CF3FCE8C08E1EEDAAF21ED3D07ABF82&accessMode=r&compId=TS00-LC3-018.zip

Multiviu :

**TS00-MV-024 software should be installed on vehicles with software starting with TS00-MV-…

https://content.temsa.com/ContentServer/ContentServer.dll?get&pVersion=0045&contRep=ZADNSPEKTEP07101&docId=5CF3FCE8C08E1EEDA8F3617B4F9FBF82&accessMode=r&compId=TS00_MV_024.L2P.zip

Uploading the up to date program(Kibes):

1- Park the vehicle to an area which is proper to work.



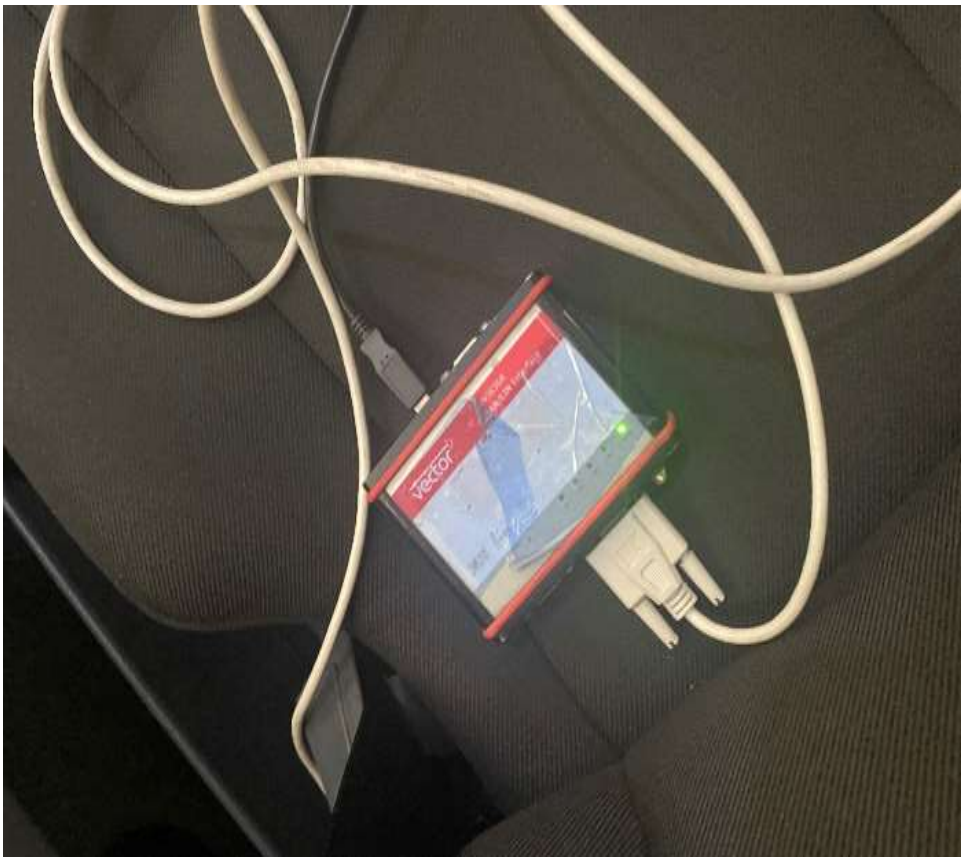
2- To install the KIBES software, locate the KIBES socket next to the OBD socket by looking at the label on the cover.

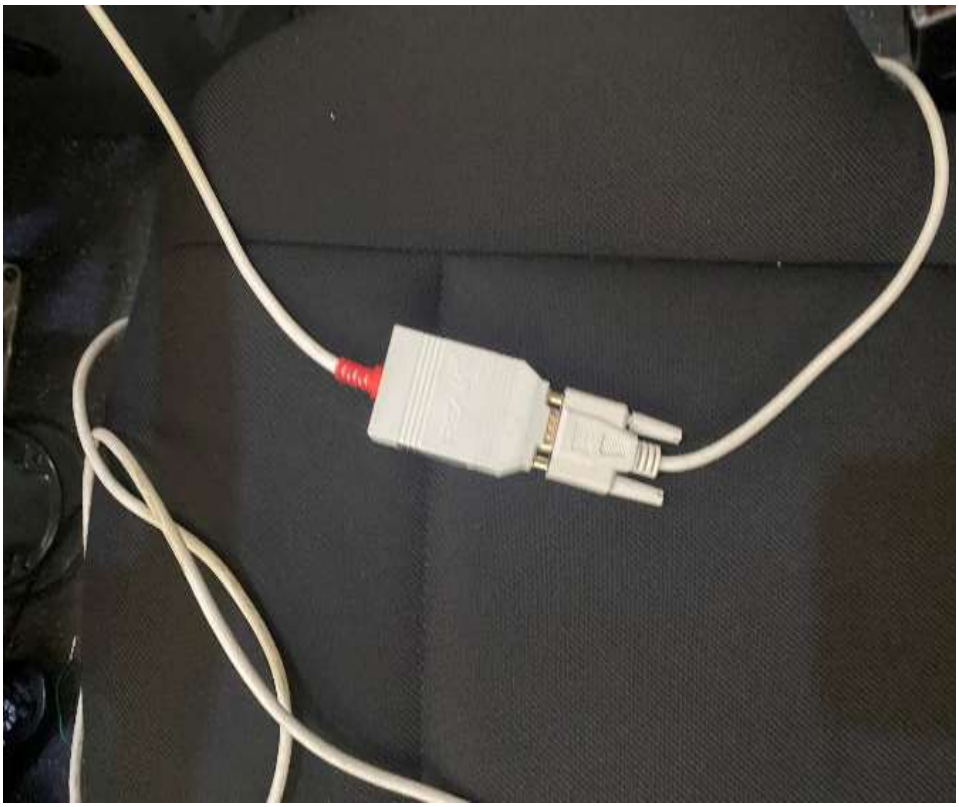


3- Connect one end of the KIBES cable to the CANanalyzer or Peak cable and the other end to the KIBES diagnostic socket. Connect the CANanalyzer or Peak output to the computer. Make sure that the KIBES dongle is inserted to your computer.

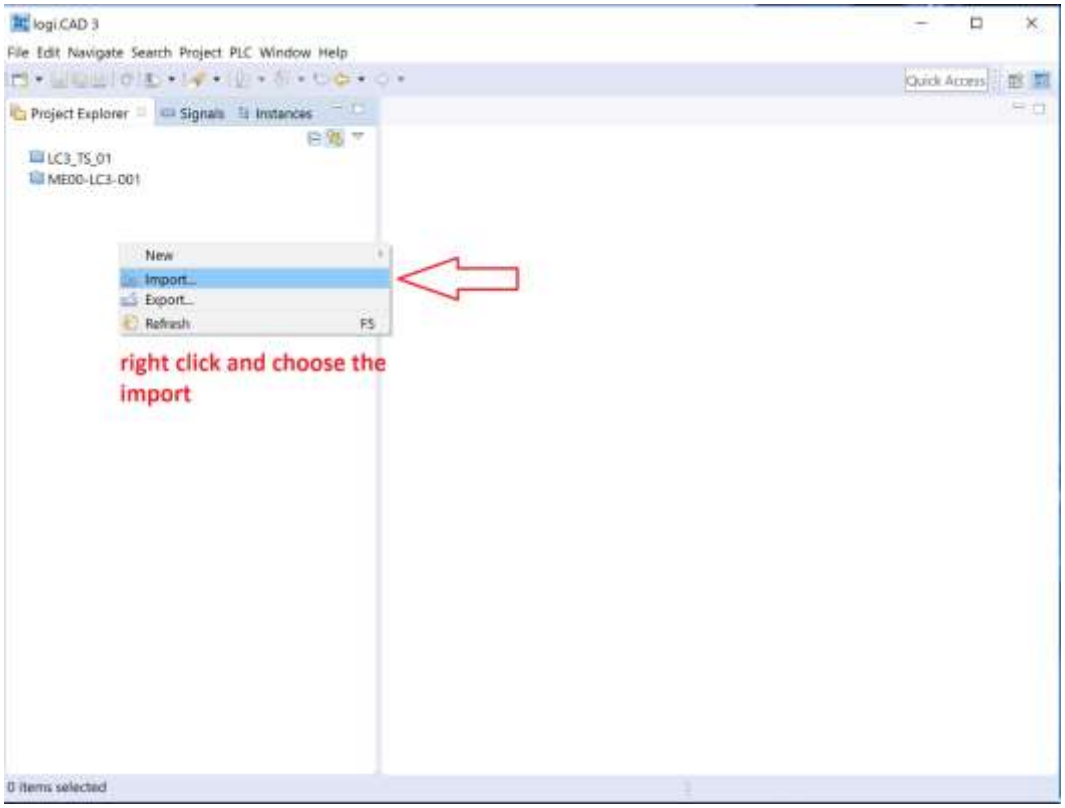


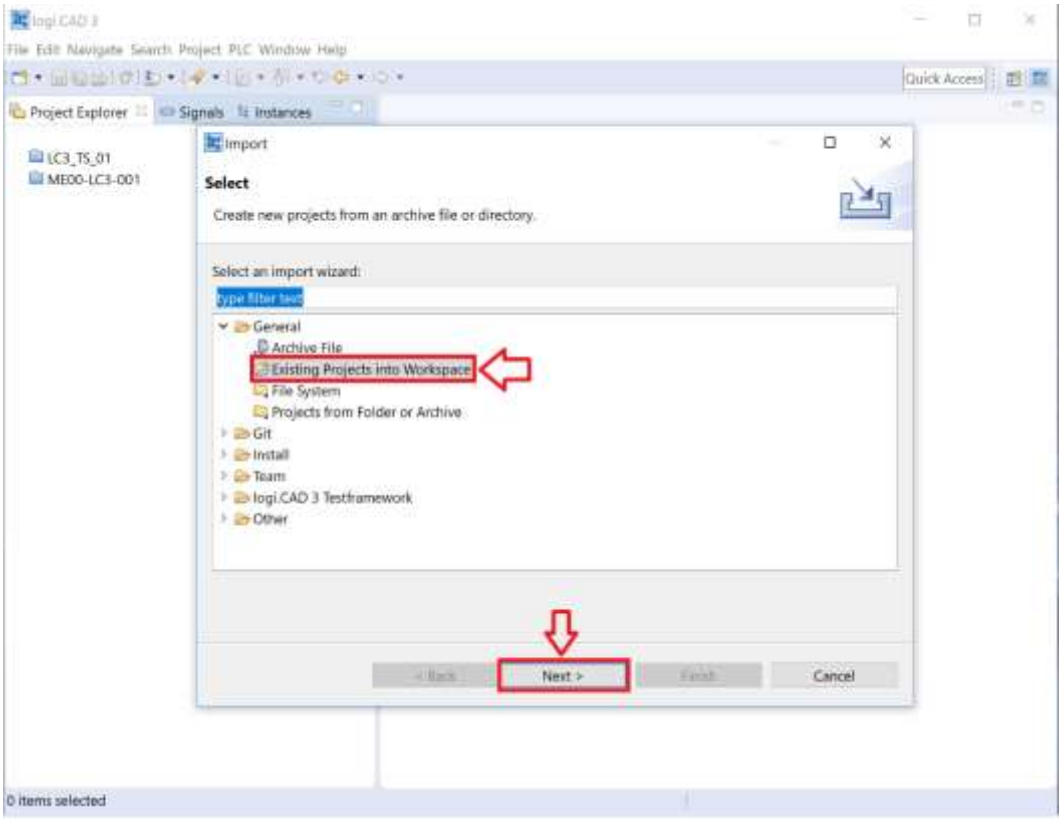


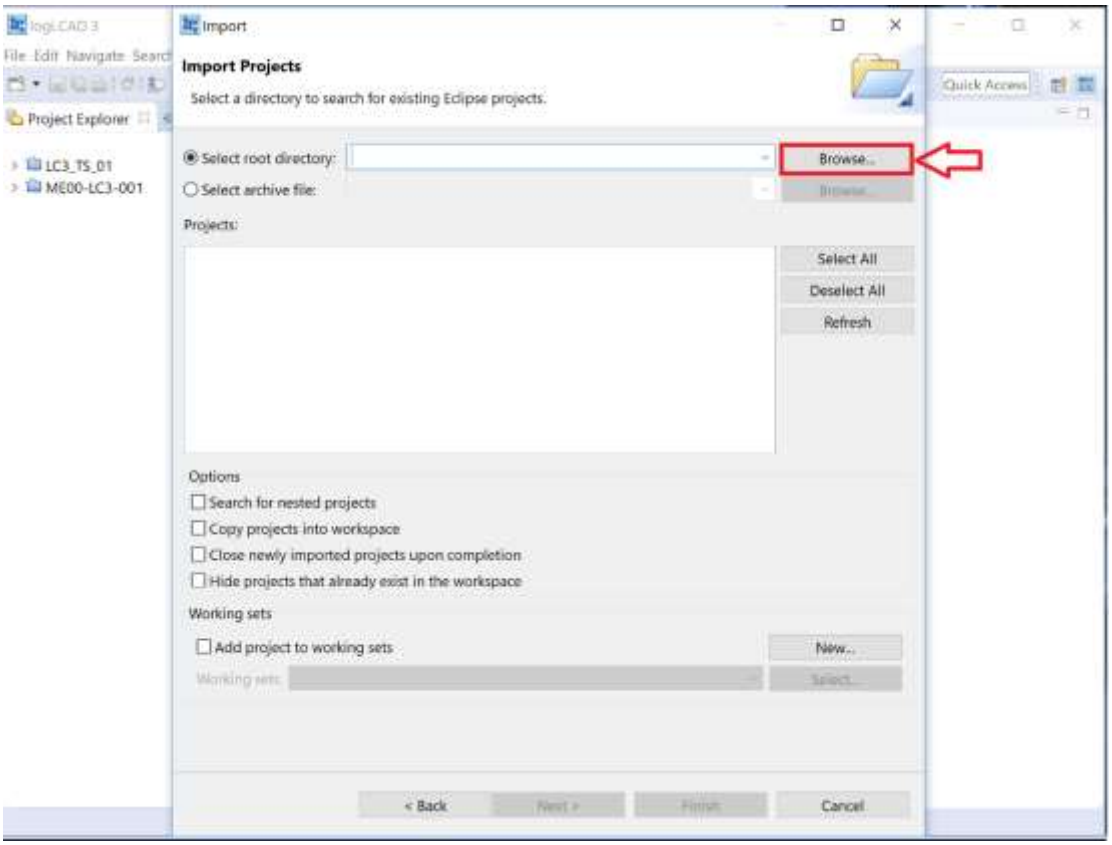

Vector



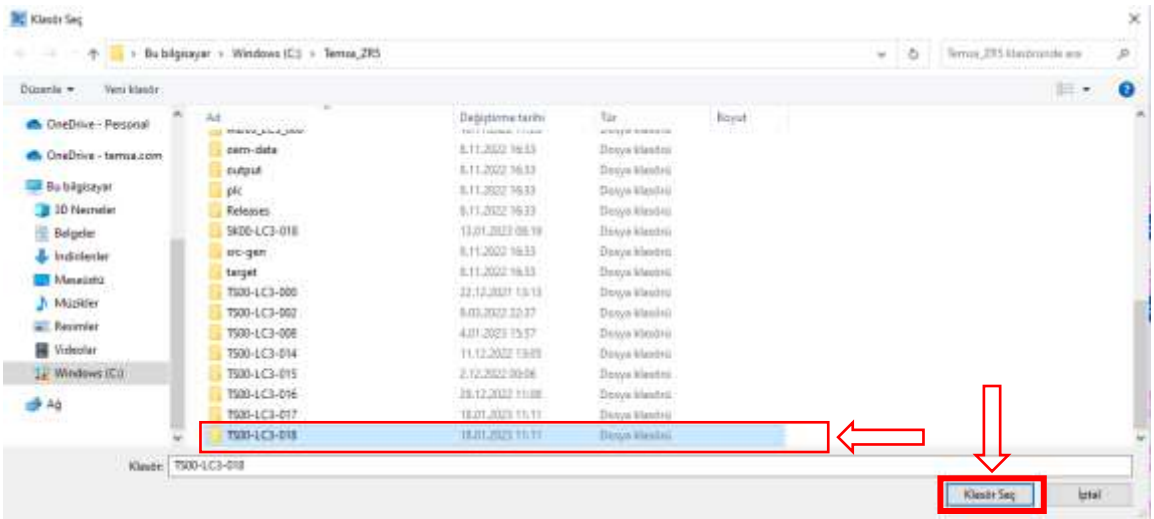
4- Install the KIBES software on the vehicle as described in the images. Turn the ignition switch on. Do not start the engine.

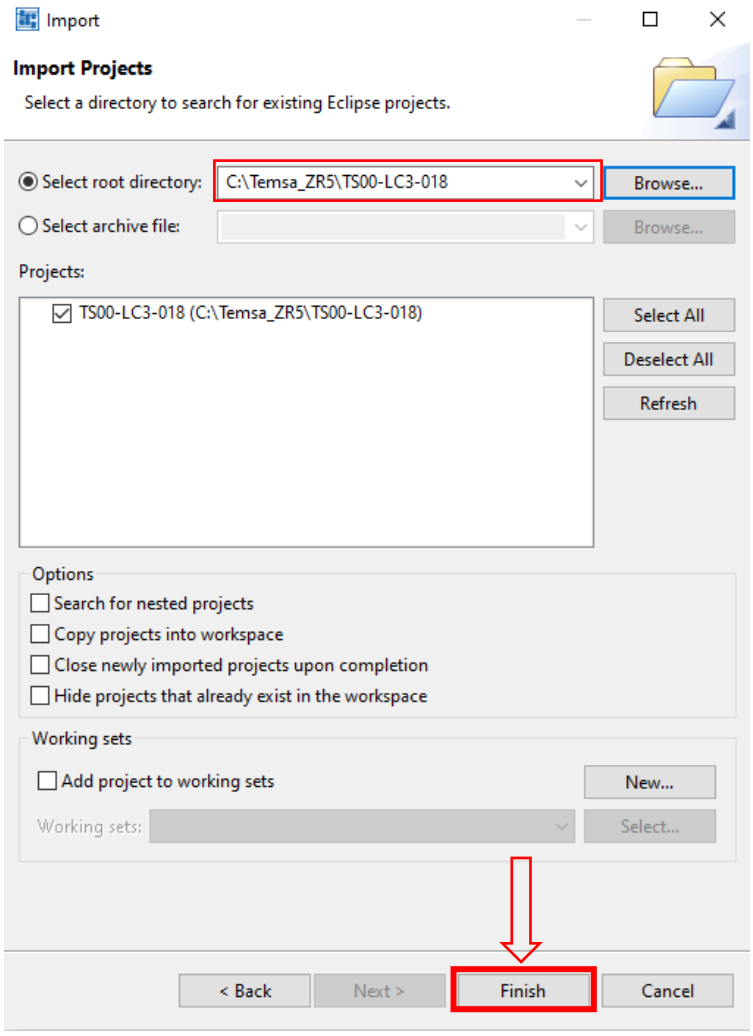




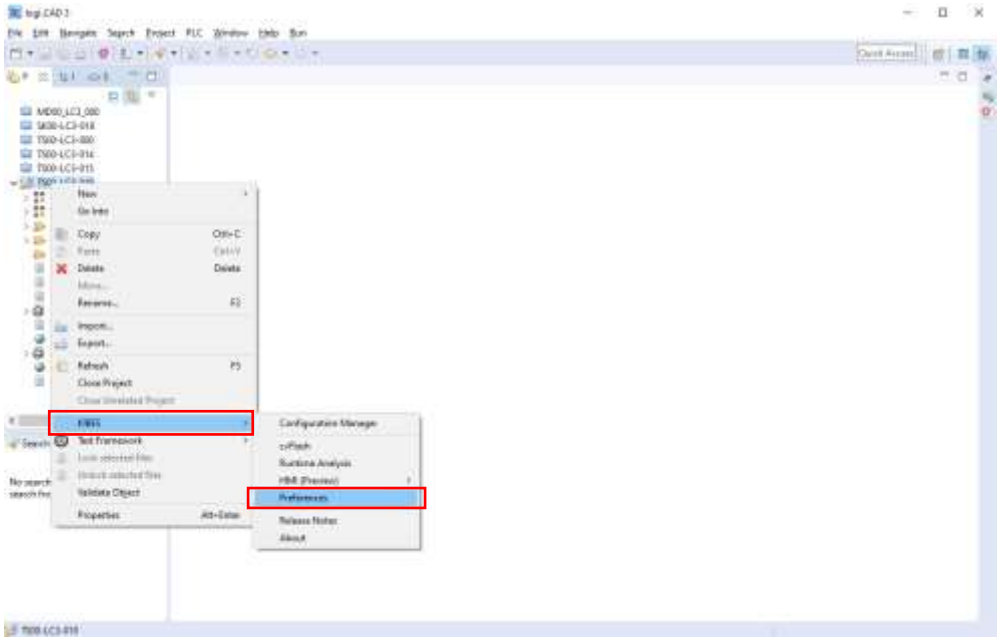


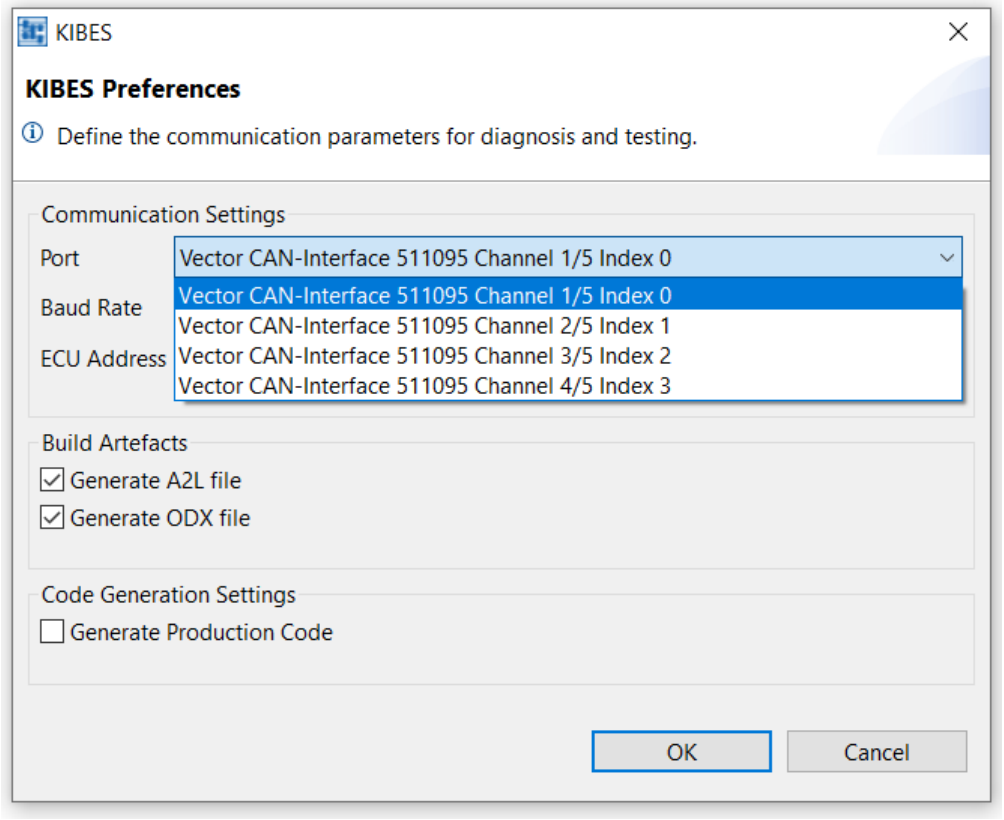
Hint: The software version must be selected correctly. The number shown in the picture may be representative.



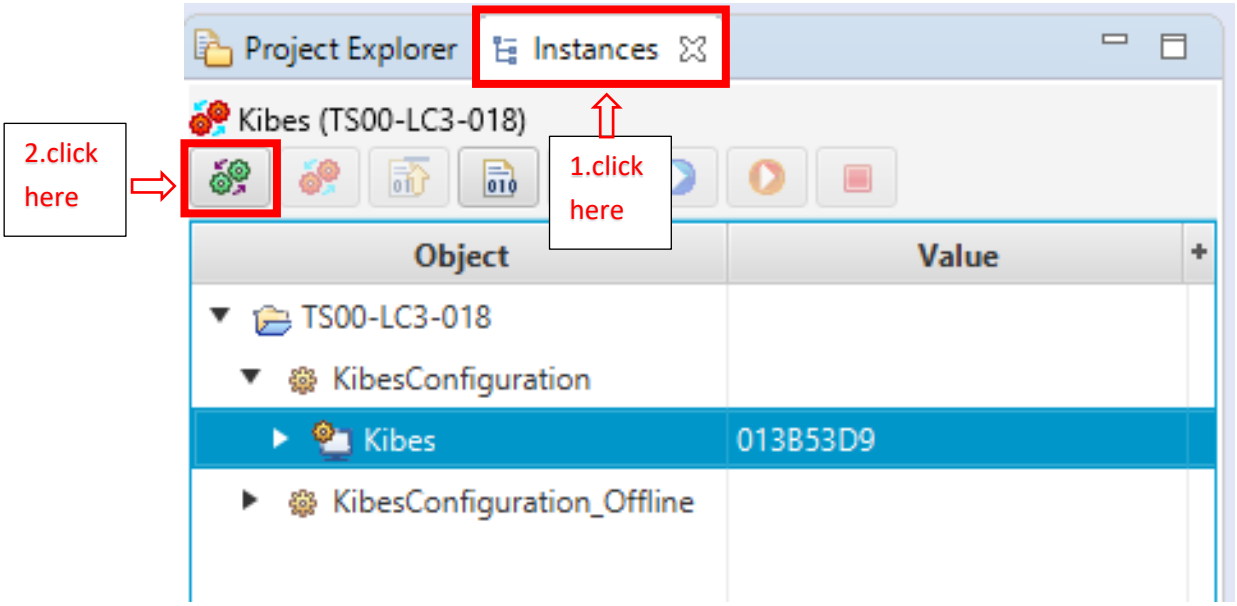

Import
Import Projects
Select a directory to search for existing Eclipse projects.
Select root directory:
C:\Temsa_ZR5\TS00-LC3-018
Browse...
Select archive file:
Browse...
Projects:
TS00-LC3-018 (C:\Temsa_ZR5\TS00-LC3-018)
Select All
Deselect All
Refresh
Options
Search for nested projects
Copy projects into workspace
Close newly imported projects upon completion
Hide projects that already exist in the workspace
Working sets
Add project to working sets
New...
Working sets:
Select...
< Back
Next >
Finish
Cancel

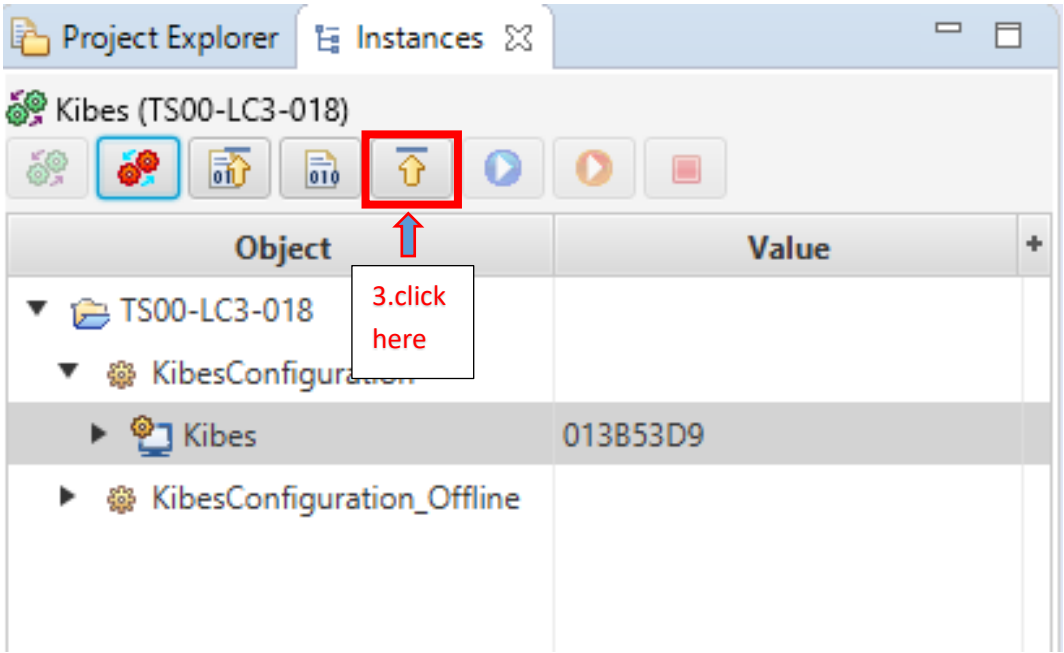
4.1- Click "Preferences" to check the Baudrate and port. (for TS Coachs 250000)





4.2- Click on the instructions shown in order in the picture.





Uploading the up to date program (Multiviu):

1-Park the vehicle to an area which is proper to work.

2-Connect your computer to the vehicle by using the CANalyzer interface. Plug the USB part into your computer and connect your CAN cable to the 9 pinned OBD port with the D pin low and the C pin high.





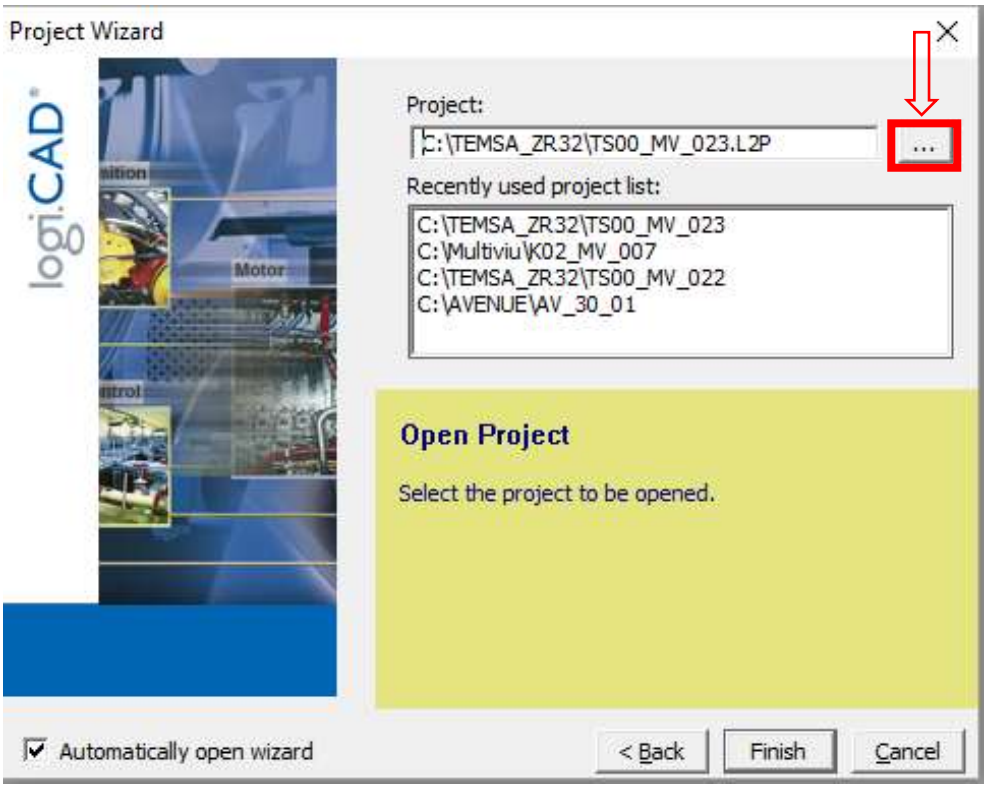
3- Turn the ignition switch on. Do not start the engine.

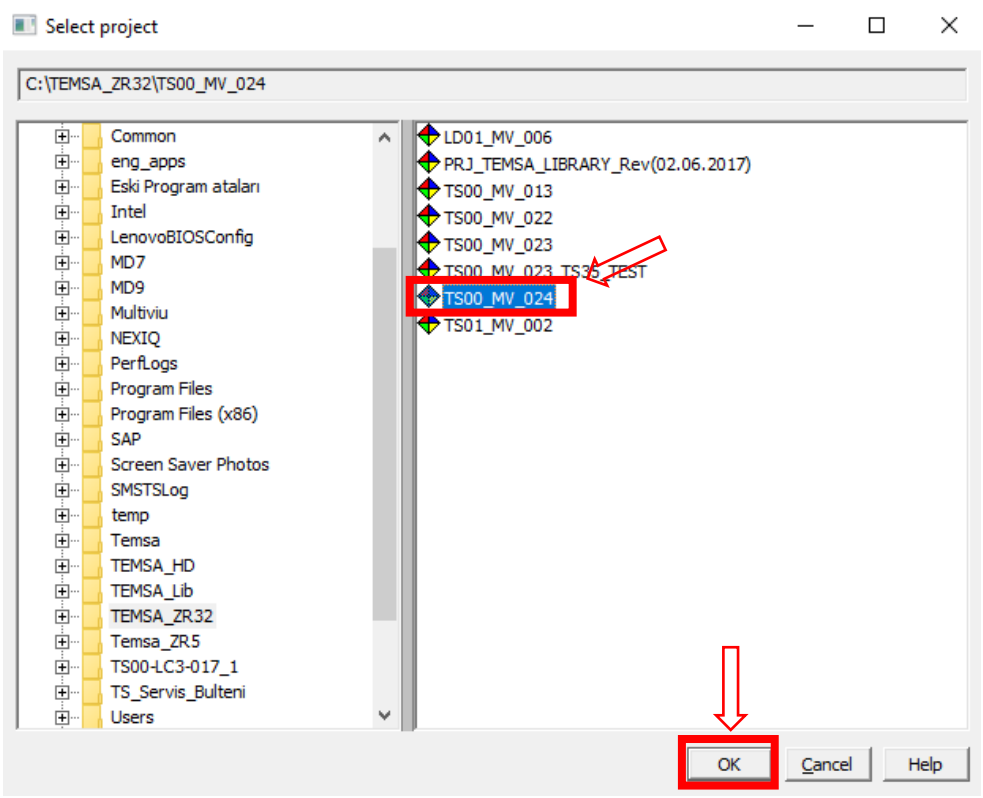
4- Make sure that the KIBES dongle is inserted to your computer.



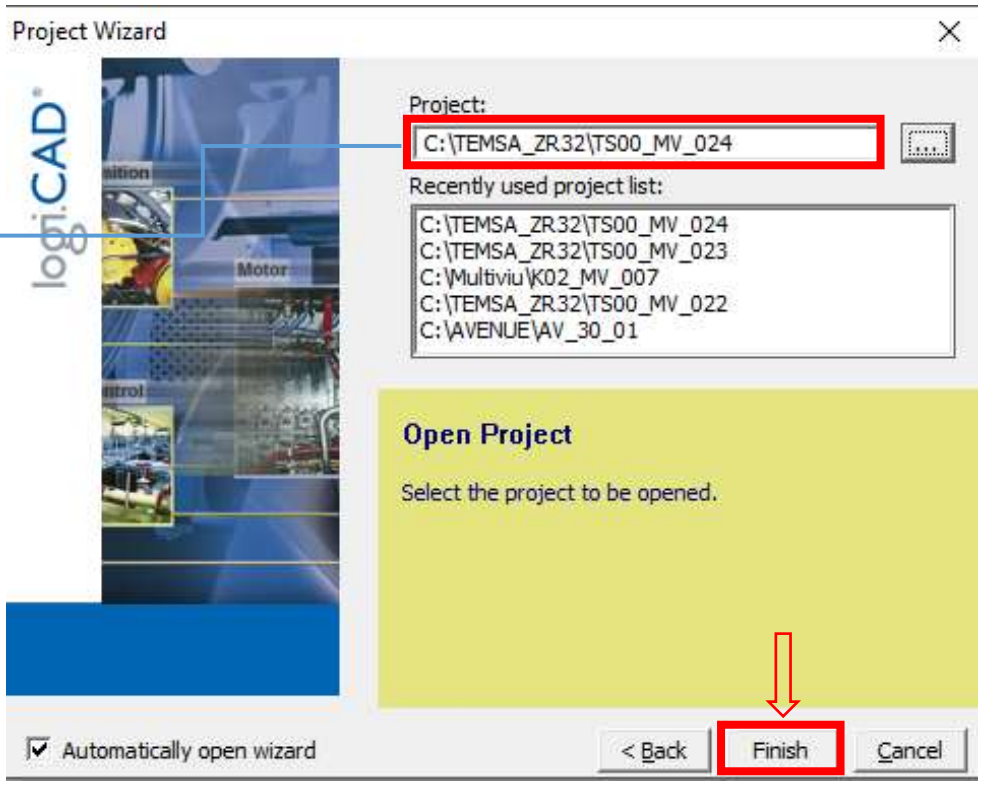
5- Select the “Open Project” selection and click “next”.



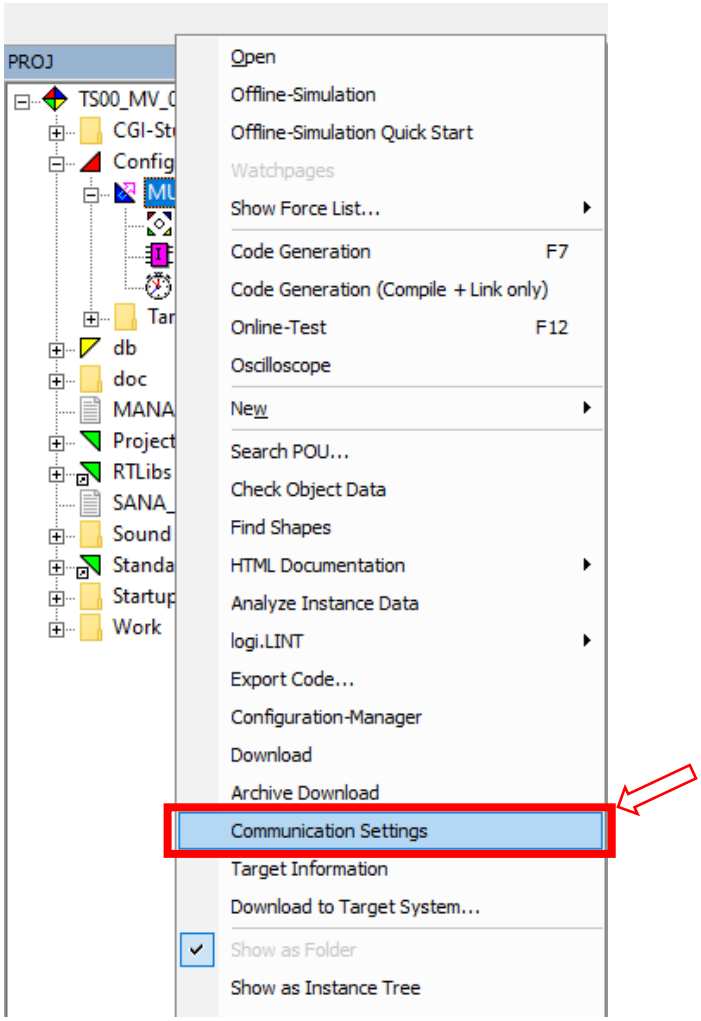


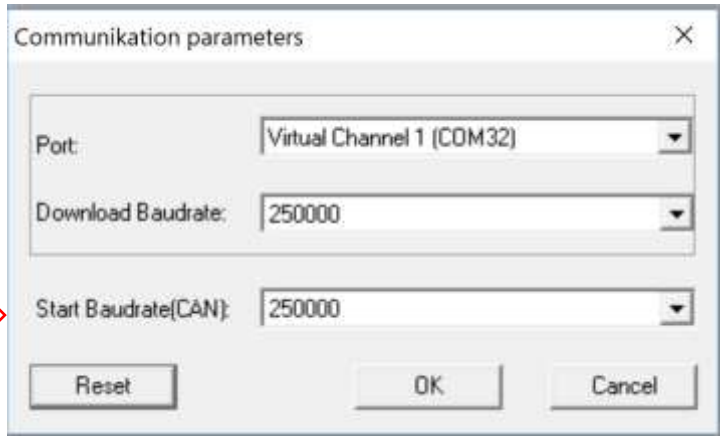


Make sure that right program is choosen.



6-Right click on Mulviu then click “Communication Settings” check the Port and Baudrate.



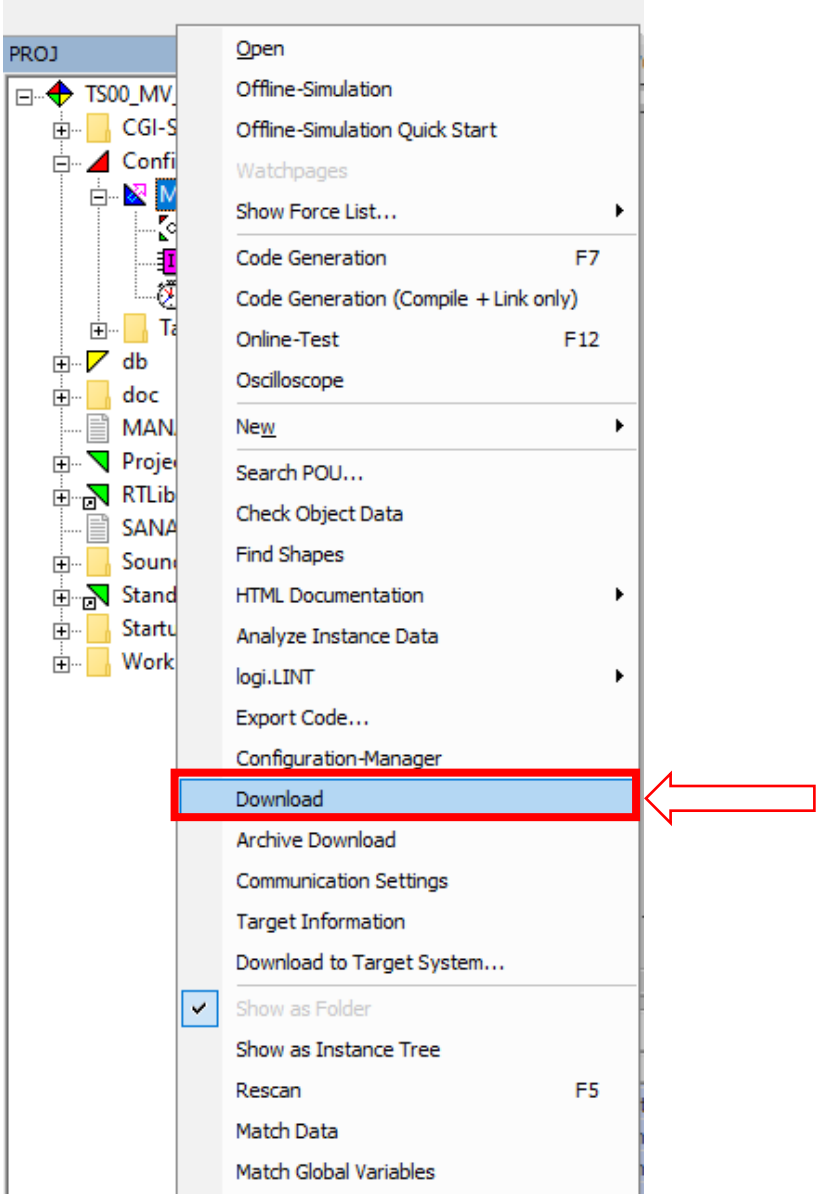


You can change port here. Please make sure correct port.

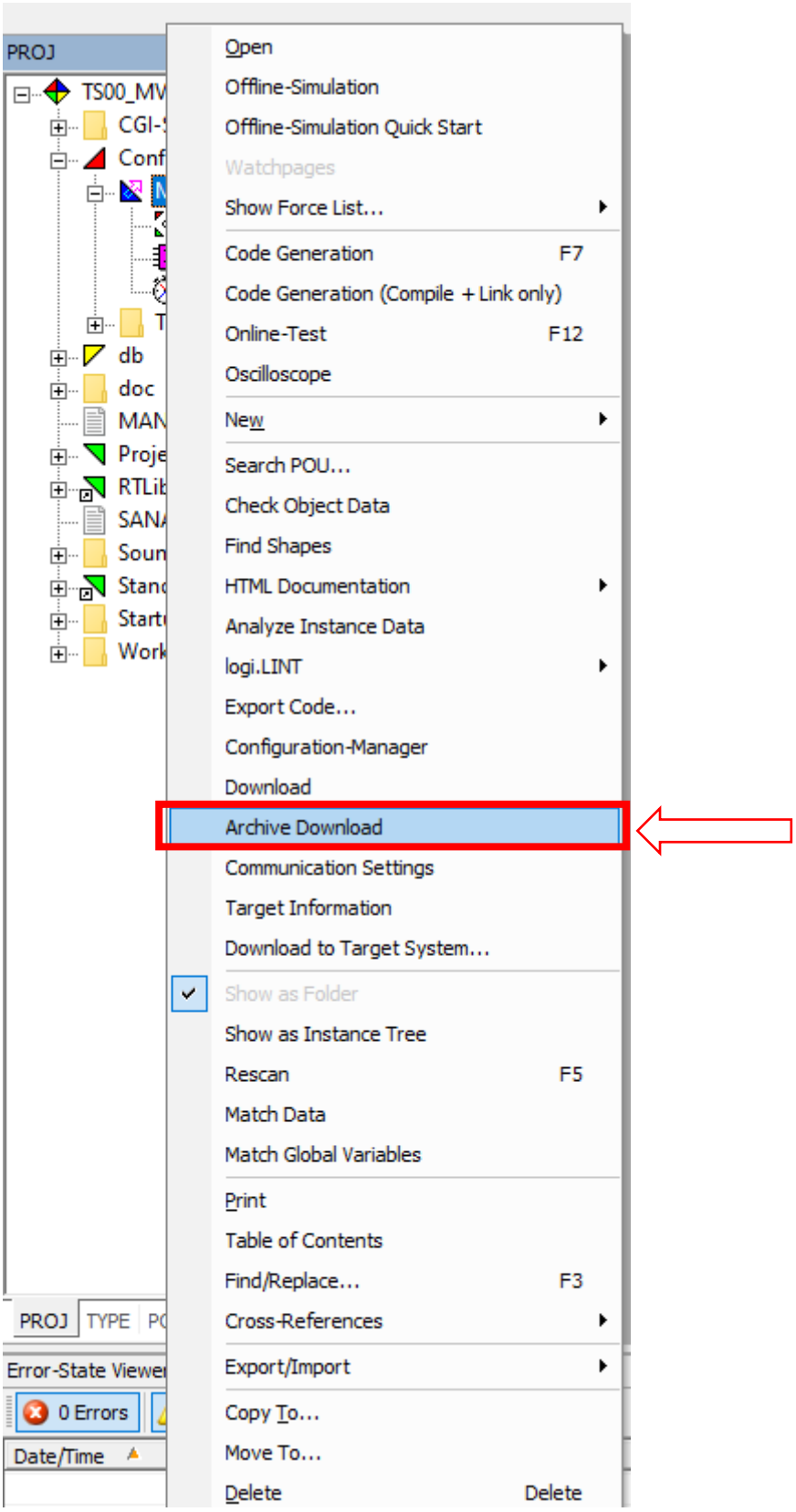
You can change “Download Baudrate” here

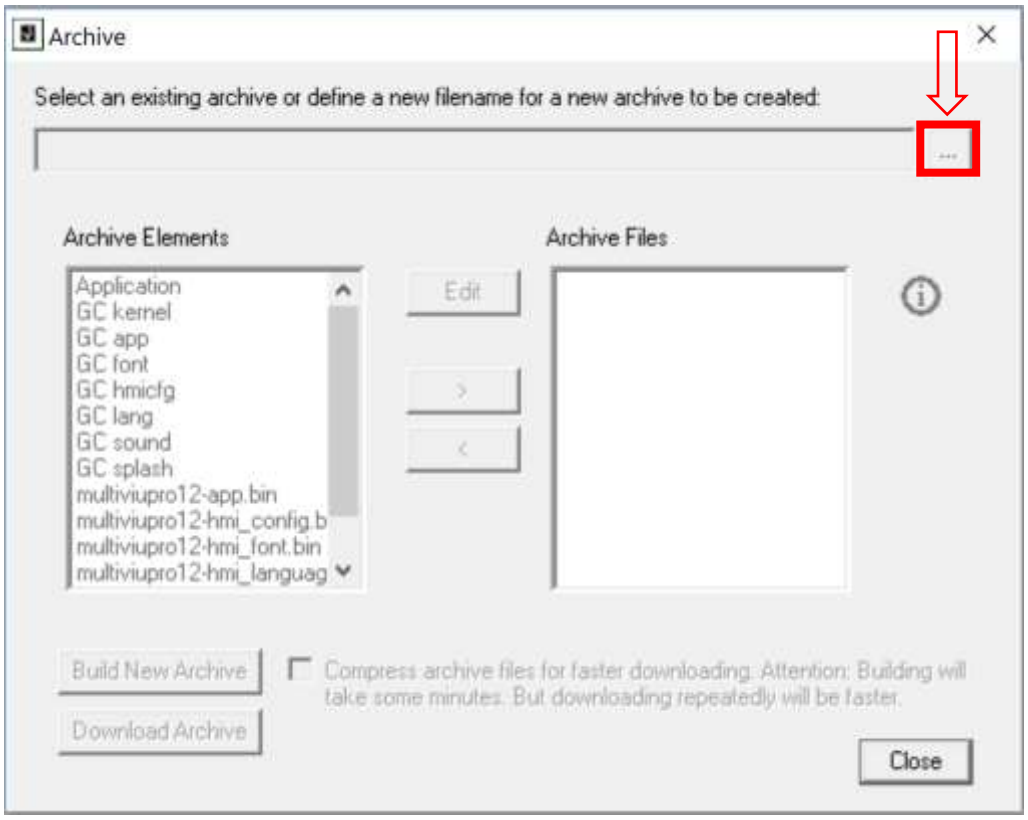
You can change “Start Baudrate” here

7-Then Right click on Mulviu, Download the logic side of the program.

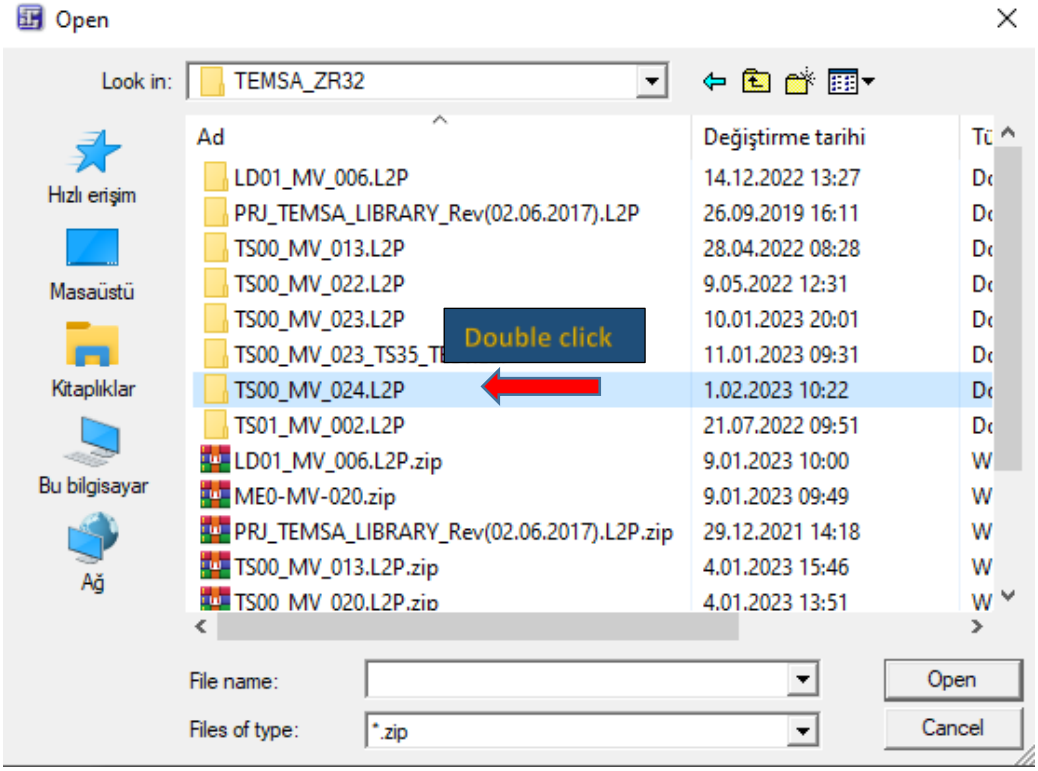


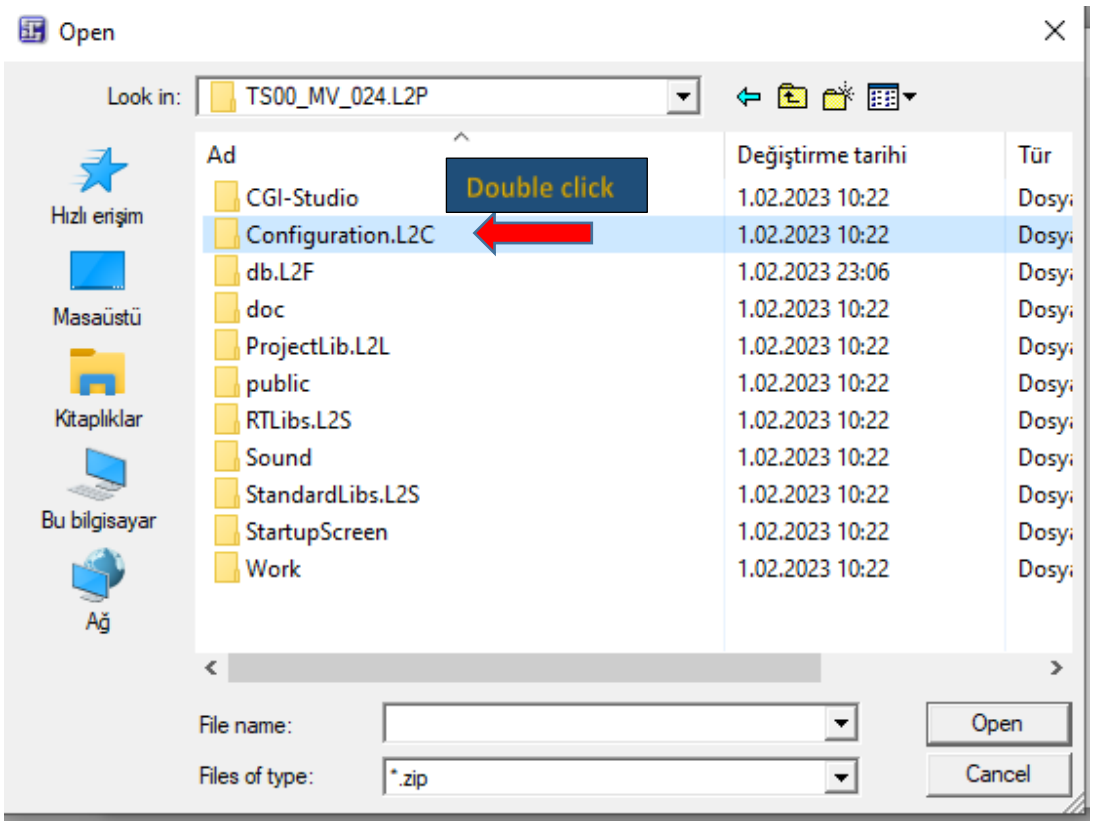
8-Right click on Mulviu again then click “Archive Download”

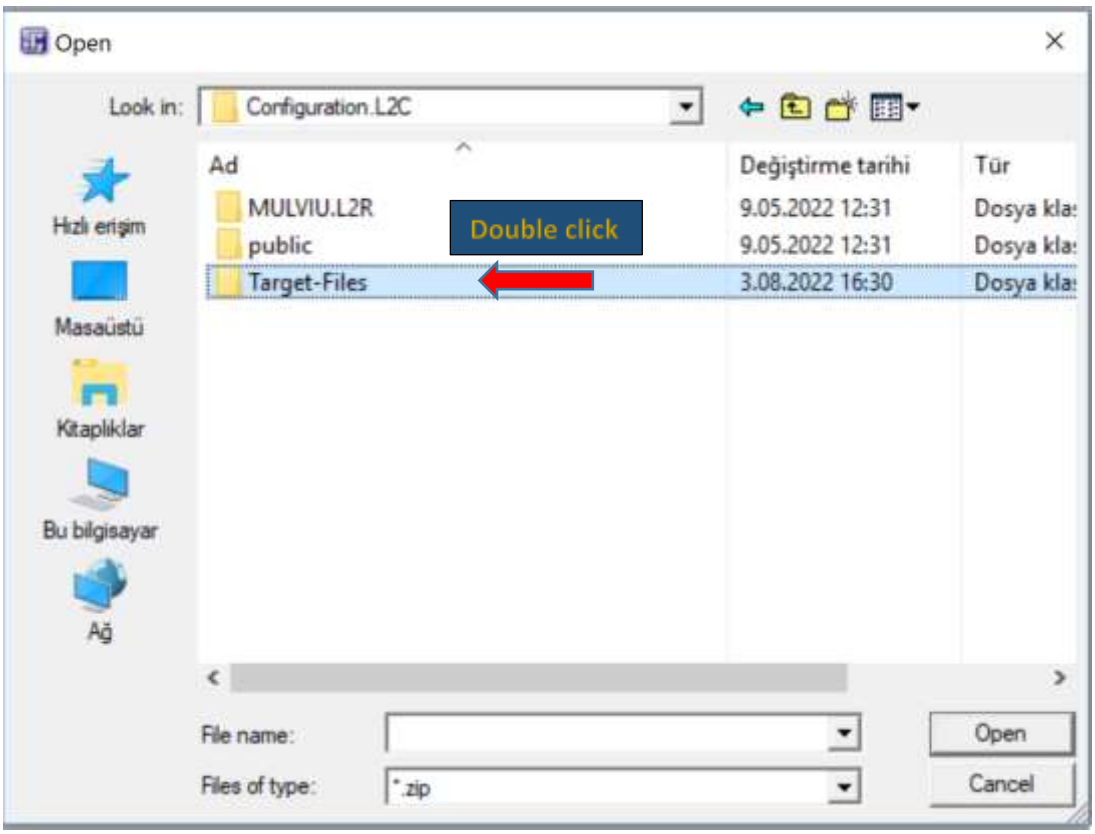




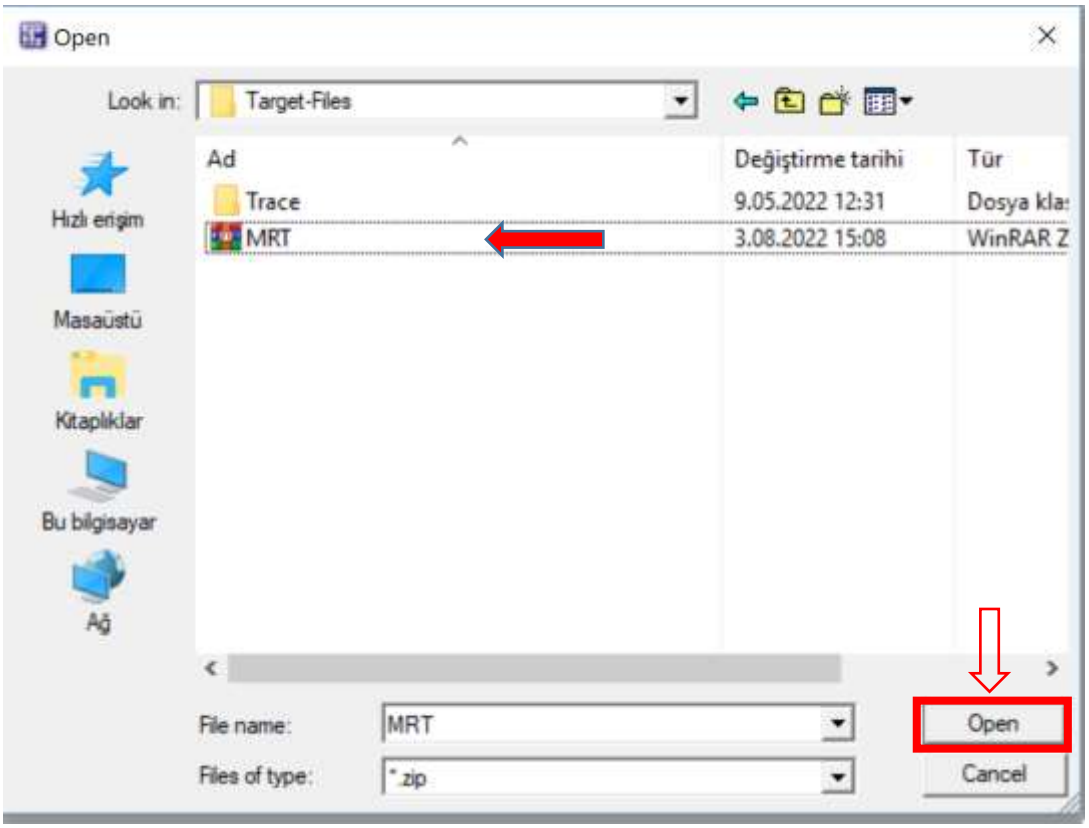
9- You should find program in your workspace then double click the program.

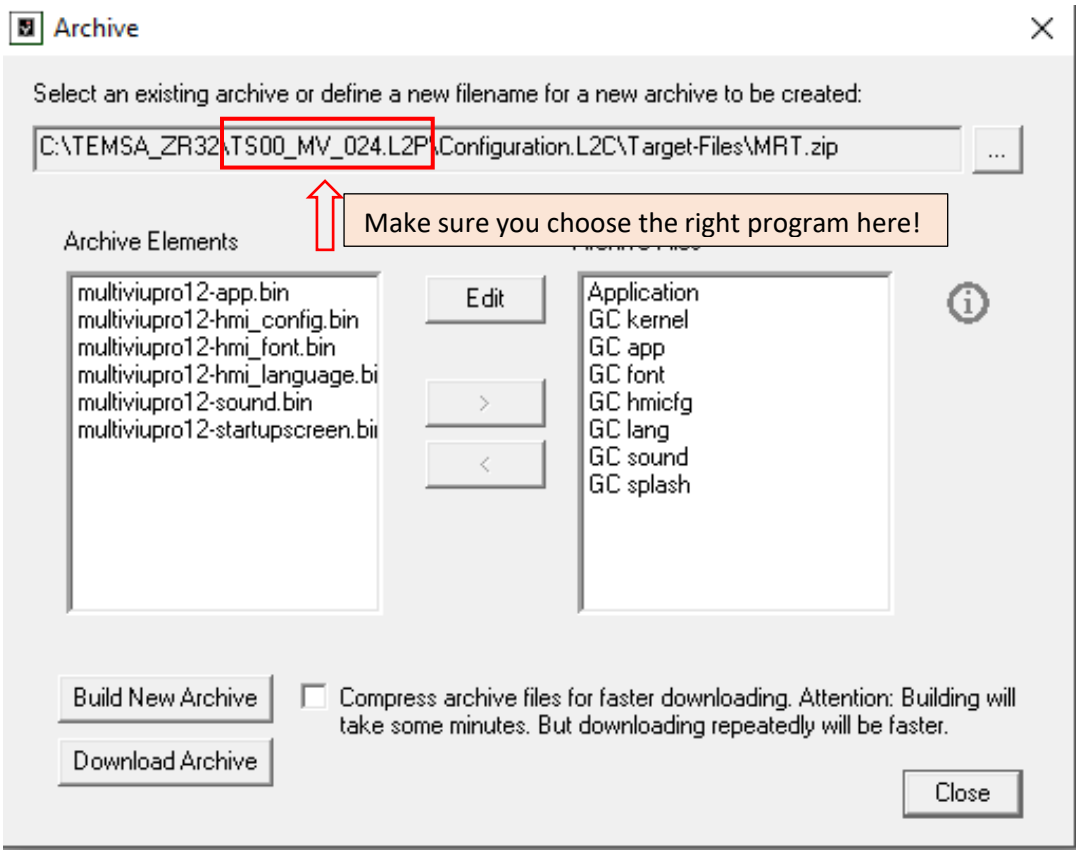



Open
Look in:
TS00_MV_024.L2P
Ad
Değiştirme tarihi
Tür
Double click
CGI-Studio
Configuration.L2C
db.L2F
doc
ProjectLib.L2L
public
RTLibs.L2S
Sound
StandardLibs.L2S
StartupScreen
Work
1.02.2023 10:22
1.02.2023 23:06
Hızlı erişim
Masaüstü
Kitaplıklar
Bu bilgisayar
Ağ
File name:
Files of type:
*.zip
Open
Cancel

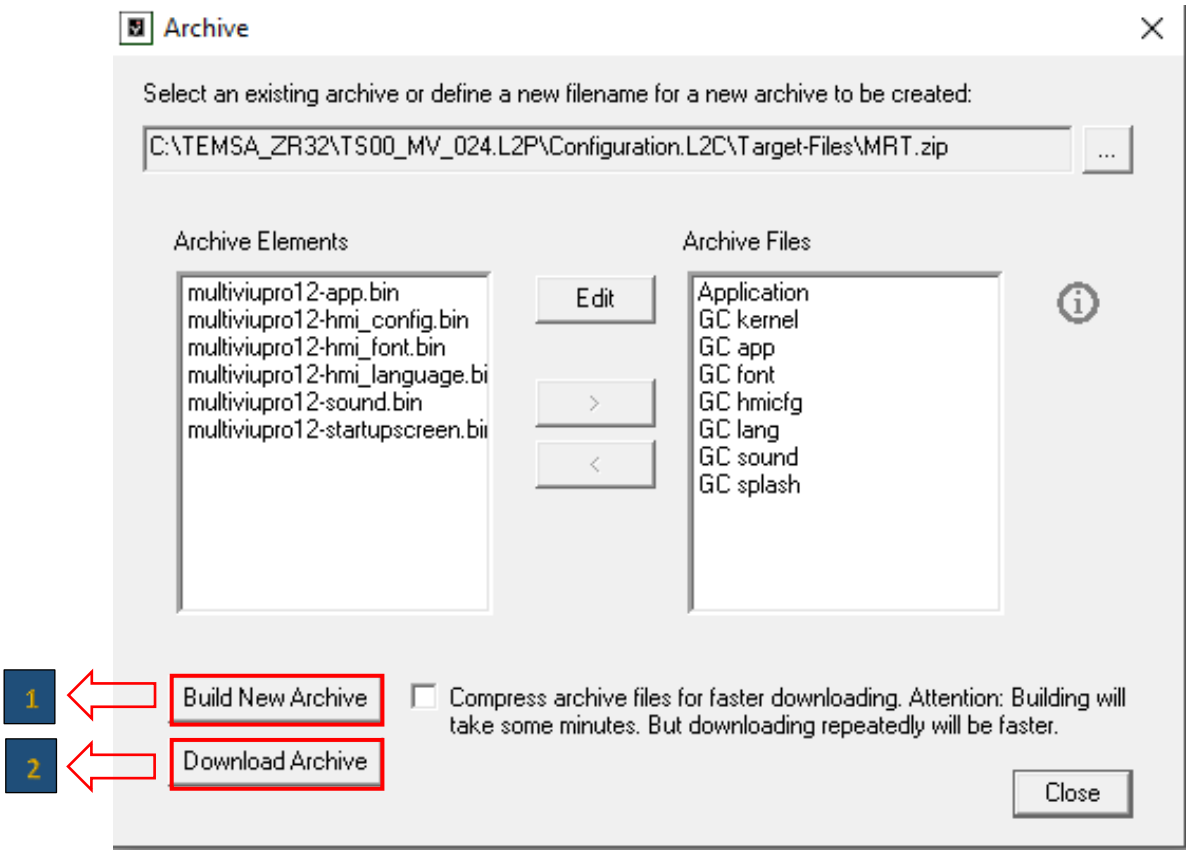

Open
Look in:
Configuration.L2C
Ad
Değiştirme tarihi
Tür
Double click
MULVIU.L2R
public
Target-Files
9.05.2022 12:31
3.08.2022 16:30
Dosya kla
Hızlı erişim
Masaüstü
Kitaplıklar
Bu bilgisayar
Ağ
File name:
Files of type:
*.zip
Open
Cancel

10- Click on “MRT” then click “Open”.





11- After the software is checked, click the “Build New Archive”, then click the “Archive Download”.



12-When a warning occurs, click OK, then wait for the program to be downloaded. Do not cut the power off during the download process, this could cause the body controller to dysfunction.

SERVICE BULLETIN

VEHICLE LIST

No	Otpa No	Model	Chassis No	Country
1.	OA15583	TS30	NLTAPLA57N1000281	USA
2.	OA16248	TS30	NLTAPLA50M1000248	USA
3.	OA16272	TS30	NLTAPLA50N1000249	USA
4.	OA16382	TS30	NLTAPLA57N1000250	USA
5.	OA16383	TS30	NLTAPLA59N1000251	USA
6.	OA16384	TS30	NLTAPLA50N1000252	USA
7.	OA16385	TS30	NLTAPLA52N1000253	USA
8.	OA16386	TS30	NLTAPLA54N1000254	USA
9.	OA16387	TS30	NLTAPLA56N1000255	USA
10.	OA16388	TS30	NLTAPLA58N1000256	USA
11.	OA16389	TS30	NLTAPLA5XN1000257	USA
12.	OA16390	TS30	NLTAPLA51N1000258	USA
13.	OA16391	TS30	NLTAPLA53N1000259	USA
14.	OA16392	TS30	NLTAPLA5XN1000260	USA
15.	OA16412	TS30	NLTAPLA51N1000261	USA
16.	OA16413	TS30	NLTAPLA53N1000262	USA
17.	OA16414	TS30	NLTAPLA55N1000263	USA
18.	OA16415	TS30	NLTAPLA57N1000264	USA
19.	OA16416	TS30	NLTAPLA59N1000265	USA
20.	OA16417	TS30	NLTAPLA50N1000266	USA
21.	OA16418	TS30	NLTAPLA52N1000267	USA
22.	OA16419	TS30	NLTAPLA54N1000268	USA
23.	OA16420	TS30	NLTAPLA56N1000269	USA
24.	OA16421	TS30	NLTAPLA52N1000270	USA
25.	OA16467	TS30	NLTAPLA54N1000271	USA
26.	OA16468	TS30	NLTAPLA56N1000272	USA
27.	OA16469	TS30	NLTAPLA58N1000273	USA
28.	OA16878	TS30	NLTAPLA58P1000275	USA
29.	OA16879	TS30	NLTAPLA5XP1000276	USA
30.	OA16908	TS30	NLTAPLA51P1000277	USA
31.	OA16920	TS30	NLTAPLA53P1000278	USA
32.	OA16921	TS30	NLTAPLA55P1000279	USA
33.	OA16946	TS30	NLTAPLA51P1000280	USA

LABOR BREAKDOWN

Application	**Time**
Downloading ZR5 Kibes Program	5m
Downloading Multiviu Program	5m
Archive Downloading of Multiviu	40m
Total Labor Time	50m