



R20AN

IMPORTANT EMISSIONS RECALL NOTICE

DATE: October 9, 2020
TO: U.S. DEALERS
SUBJECT: RECALL R20AN, Gateway Module (GWM) Calibration, 6.8L 3V Ford Gasoline Engine

*This emissions recall notice applies to **2019 engine model year** Blue Bird Vision School Buses equipped with the Ford Gasoline 6.8L 3V engine built between July 1, 2019 and January 2, 2020. This recall affects buses with both 60 and 100-gallon gasoline fuel systems and does not apply to propane or compressed natural gas applications.*

This important emissions recall notice applies to your buses identified by both Blue Bird Body Number and Vehicle Identification Number (VIN) on the attached yellow cover sheet.

Blue Bird Body Company is recalling certain model year **2020-2021 Vision School Buses** with gasoline engines manufactured from July 2, 2019 through December 2, 2019, and certain model year **2021 Vision Non-School Buses** with gasoline engines manufactured from August 25, 2019 through October 16, 2019. This recall program is being conducted to correct the Gateway Module (GWM) calibration software in the vehicles described above. This issue only affects the diagnostics in-use monitor performance ratio (IUMPR) completion frequency and is not related to any starting, performance, or drivability issues with the vehicle. Any performance concerns presented by the customer should be diagnosed and repaired separately from this recall.

What You Should Do:

The Blue Bird Gateway Module will need to be reflashed to the latest software version. This will be accomplished using the Ametek FlashCF tooling software and the latest software versions which are available on the Blue Bird Dealer Vantage website. The software can be updated on a workbench or with the gateway module installed on a bus.

The following materials are needed to perform the reflash:

- Laptop with Ametek FlashCF tooling software and the latest Ametek Gateway Module software version.
- An RP1210 communication adapter supported by the Ametek FlashCF tooling software.
- Blue Bird recommended RP1210 communication adapter: Dearborn DPA-5 USB.
Tool #10069793 Bench program harness; only required if programming Ametek Gateway Module on workbench.
- 12V power supply; only required if programming Ametek Gateway Module on workbench.



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Enclosed please find the Ametek Gateway Software Update Instructions required to perform the reflash.

Blue Bird will reimburse the labor cost of reprogramming of the PCM for this recall at no cost to you the Dealer or to the vehicle owner. The standard repair time (SRT) to accomplish these repairs in accordance with the recall installation procedure is .3 hours (18 minutes) at your currently established warranty labor rate. **Recall remedy must be performed, per the enclosed instructions.**

NOTE: The State of California and the Commonwealth of Massachusetts require the completion of emission recall repairs prior to vehicle registration renewal. For vehicles registered in these states, please provide the owner with a Vehicle Emission Recall Proof of Correction Certificate upon completion of the repair.

Example of Proof of Correction Form:

Vehicle Emission Recall Proof of Correction													
Vehicle Identification Number													
License Number _____				Make _____		Year Model _____			Type _____				
Manufacturer <u>Blue Bird Corporation</u>						Recall Number _____							
The above described vehicle has been repaired, modified and/or equipped with new emission control devices to meet applicable California Emission Control Laws.													
Dealers Name _____						Address, City, State and Zip _____							
Date _____						Dealership's Authorized Signature _____							
						X							
This certificate must be returned to the Dept. of Mtr. Veh. (DMV) with your billing notice.													

In order to ensure your full protection under the emission warranty provisions, it is recommended that you have your vehicle serviced, as soon as possible. Failure to do so could be deemed a lack of proper maintenance of your vehicle.



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If Blue Bird's records indicate bus(es) subject to this recall were delivered in your service area, a list of affected bus(es) will be enclosed. The bus(es) will be identified by Blue Bird Body Number and Vehicle Identification Number (VIN) on the enclosed yellow cover sheet. **Dealers should verify correct owners and assure that complete mailing and shipping addresses are provided for each listed owner.**

It is the Dealer's responsibility to verify that the correct owner name, address, and telephone number is provided for each listed vehicle. Any corrections or updates should be made in ClaimsCenter. Addresses that cannot be updated should be forwarded to the Recall Administrator.

Federal law requires that any vehicle lessor receiving this recall notice must forward a copy of this notice to the lessee within ten days.

Dealers are reminded of their responsibilities under Section 154 of The National Traffic and Motor Vehicle Safety Act of 1991. Dealers are required to complete modifications on units in their inventory before delivering to the final owner. Reference Blue Bird Body Company Distributor Memo No. 42-92.

If you have in your possession or have sold a bus that was purchased from another dealer that may be affected by this recall, please notify me at 478-822-2242 or lisa.hancock@blue-bird.com.

Questions regarding this recall campaign should be directed to me at (478) 822-2242 or lisa.hancock@blue-bird.com.

Sincerely,

Lisa Hancock

Corporate Recall Administrator

Blue Bird Corporation

402 Blue Bird Blvd, Fort Valley, Georgia 31030

Phone 478.822.2242

lisa.hancock@blue-bird.com



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IMPORTANT EMISSIONS RECALL NOTICE

DATE: October 9, 2020

SUBJECT: RECALL R20AN, Gateway Module (GWM) Calibration, 6.8L 3V Ford Gasoline Engine

Dear Blue Bird Owner:

*This emissions recall notice applies to **2019 engine model year** Blue Bird Vision School Buses equipped with the Ford Gasoline 6.8L 3V engine built between July 1, 2019 and January 2, 2020. This recall affects buses with both 60 and 100-gallon gasoline fuel systems and does not apply to propane or compressed natural gas applications.*

This important safety recall notice applies to your bus(es) identified by both Blue Bird Body Number and Vehicle Identification Number (VIN) on the enclosed yellow cover sheet. If you no longer own the subject bus(es), please complete the appropriate section of the yellow reply sheet and return to Blue Bird in the enclosed pink postage prepaid envelope.

Blue Bird Body Company is recalling certain model year **2020-2021 Vision School Buses** with gasoline engines manufactured from July 2, 2019 through December 2, 2019, and certain model year **2021 Vision Non-School Buses** with gasoline engines manufactured from August 25, 2019 through October 16, 2019. This recall program is being conducted to correct the Gateway Module (GWM) calibration software in the vehicles described above. This issue only affects the diagnostics in-use monitor performance ratio (IUMPR) completion frequency and is not related to any starting, performance, or drivability issues with the vehicle. Any performance concerns presented by the customer should be diagnosed and repaired separately from this recall.

What You Should Do:

The Blue Bird Gateway Module will need to be reflashed to the latest software version. Please contact your local Blue Bird dealer to arrange to have the Recall performed. To locate an authorized dealer, search online at www.blue-bird.com/find-a-dealer . The Recall will take approximately 18 minutes and will be performed at no charge to you.

NOTE: The State of California and the Commonwealth of Massachusetts require the completion of emission recall repairs prior to vehicle registration renewal. For vehicles registered in these states, the Blue Bird Dealer should provide a Vehicle Emission Recall Proof of Correction Certificate, upon completion of the repair. If you need assistance with obtaining a Proof of Correction Certificate, please contact your Blue Bird Dealer.



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Example of Proof of Correction Form:

Vehicle Emission Recall Proof of Correction														
Vehicle Identification Number														
License Number _____				Make _____			Year Model _____			Type _____				
Manufacturer <u>Blue Bird Corporation</u>							Recall Number _____							
The above described vehicle has been repaired, modified and/or equipped with new emission control devices to meet applicable California Emission Control Laws.														
Dealers Name _____						Address, City, State and Zip _____								
Date _____						Dealership's Authorized Signature _____								
						X								
This certificate must be returned to the Dept. of Mtr. Veh. (DMV) with your billing notice.														

In order to ensure your full protection under the emission warranty provisions, it is recommended that you have your vehicle serviced, as soon as possible. Failure to do so could be deemed a lack of proper maintenance of your vehicle.

Federal law requires that any vehicle lessor receiving this recall notice must forward a copy of this notice to the lessee within ten days.

If the modifications directed by this notification were performed on your bus prior to the receipt of this recall notification, attach a copy of the work order/invoice. Mail the documents in the pink self-addressed postage prepaid envelope included with the pink reply sheet to Blue Bird for warranty consideration. Reimbursements will be made in accordance with the requirements of the National Highway Transportation Safety Act, Title 49 Code of Federal Regulations, Parts 573 and 577.

Please contact your local Blue Bird Dealer with any questions regarding this recall campaign.



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If Blue Bird Body Company should fail to or is unable to remedy this condition without charge to you, you may contact:

ADMINISTRATOR
NATIONAL HIGHWAY TRAFFIC SAFETY ADMINISTRATION
1200 NEW JERSEY AVENUE, SE
WASHINGTON, D.C. 20590

Or, you may call The National Highway Traffic Safety Administration toll free at:
1-888-327-4236 TTY 1-800-424-9153 or go to: <http://www.safercar.gov>

Vehicle Emission Recall Proof of Correction

Vehicle Identification Number

--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

License Number _____ Make _____ Year Model _____ Type _____

Manufacturer Blue Bird Corporation Recall Number _____

The above described vehicle has been repaired, modified and/or equipped with new emission control devices to meet applicable California Emission Control Laws.

Dealers Name _____ Address, City, State and Zip _____

Date _____ Dealership's Authorized Signature _____

X

_____ This certificate must be returned to the Dept. of Mtr. Veh. (DMV) wth your billing notice.



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Models Affected: Certain 2020 And 2021 Model Year Blue Bird Vision Buses With Ford Gasoline Fuel Systems

Issue: The diagnostics in-use monitor performance ratio (IUMPR) completion frequency is inaccurate for fuel level data used for emissions. It is not related to any starting, performance, or drivability issues with the vehicle.

Corrective Action: The Blue Bird Ametek Gateway Module will need to be reflashed to the latest software version.

Ametek Gateway Module (Blue Bird Part # 10062609) Shown Below, As Reference Only

Item# 10062609



Items Needed:

Item Number	Quantity	Description
1	1	Ametek FlashCF Tool Software (Available on Blue Bird Vantage Website)
2	1	Ametek Gateway Module Software Version 103570-001_V1.3 or Higher (Available on Blue Bird Vantage Website)
3	1	Laptop Computer (Windows Operating System)
4	1	RP1210 Communication Adapter Supported by the Ametek FlashCF Tool Software (Dearborn DPA-5 USB Recommended)
5	1	Blue Bird Bench Program Harness #10069793. Only Required if Programming Ametek Gateway Module on Workbench
6	1	12V Regulated Power Supply. Only Required if Programming Ametek Gateway Module on Workbench

Ametek FlashCF Tool Software and the latest Software Version to install in the Ametek Gateway Module are both available on the Blue Bird Dealer Vantage Website.

See Page 2 and 3 for Vantage Website illustration depicting software location.

Click here to go there now: [Ametek Software | Portal](#)

WARNING: Always follow all Federal, State, Local, and Shop safety standards and use proper safety equipment. Thoroughly read and understand all instructions before performing these procedures. Park bus on level surface, apply parking brake, turn off ignition key, and **chock wheels**.



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Instructions for Updating Ametek Gateway Module Software On The Bus

Downloading the proper software to your laptop

Once on the Ametek software page on Vantage Download and install the Ametek Flash Tool software onto your laptop by clicking the link shown below:

The screenshot shows a web browser window with the URL <https://vantage.blue-bird.com/Portal/Ametek-SoftwareDocument-Reference.aspx>. The page content includes:

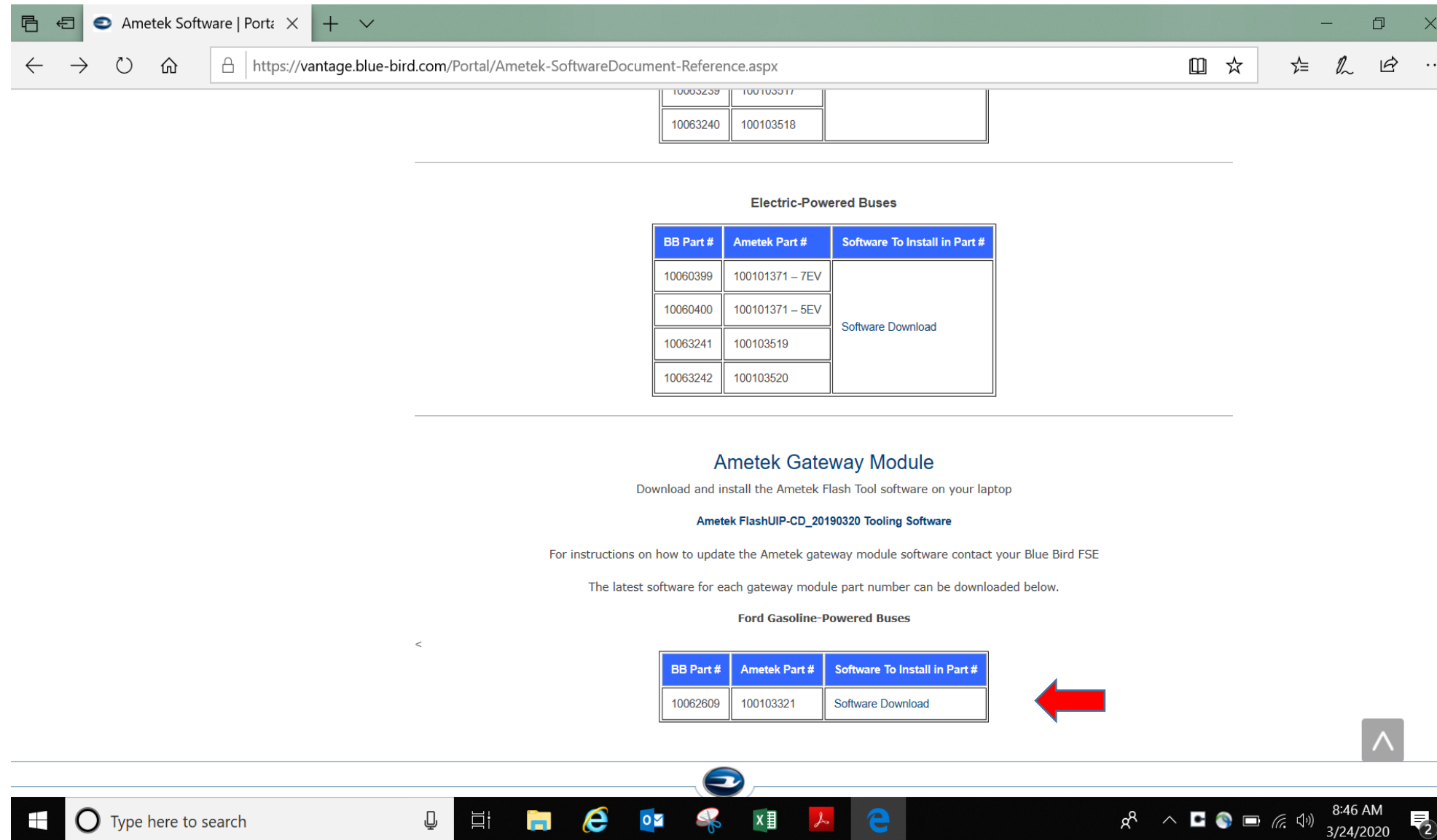
BB Part #	Ametek Part #	Software To Install in Part #
10060399	100101371 – 7EV	Software Download
10060400	100101371 – 5EV	
10063241	100103519	
10063242	100103520	

Ametek Gateway Module
Download and install the Ametek Flash Tool software on your laptop
[Ametek FlashUIP-CD_20190320 Tooling Software](#)
For instructions on how to update the Ametek gateway module software contact your Blue Bird FSE
The latest software for each gateway module part number can be downloaded below.

BB Part #	Ametek Part #	Software To Install in Part #
10062609	100103321	Software Download

The Windows taskbar at the bottom shows the time as 8:21 AM on 3/24/2020.

While still on the Vantage website download and save to desktop the Ametek software to install in the gateway module. (Link shown below):



10063239 100103517
10063240 100103518

Electric-Powered Buses

BB Part #	Ametek Part #	Software To Install in Part #
10060399	100101371 – 7EV	Software Download
10060400	100101371 – 5EV	
10063241	100103519	
10063242	100103520	

Ametek Gateway Module

Download and install the Ametek Flash Tool software on your laptop

Ametek FlashUIP-CD_20190320 Tooling Software

For instructions on how to update the Ametek gateway module software contact your Blue Bird FSE

The latest software for each gateway module part number can be downloaded below.

Ford Gasoline-Powered Buses

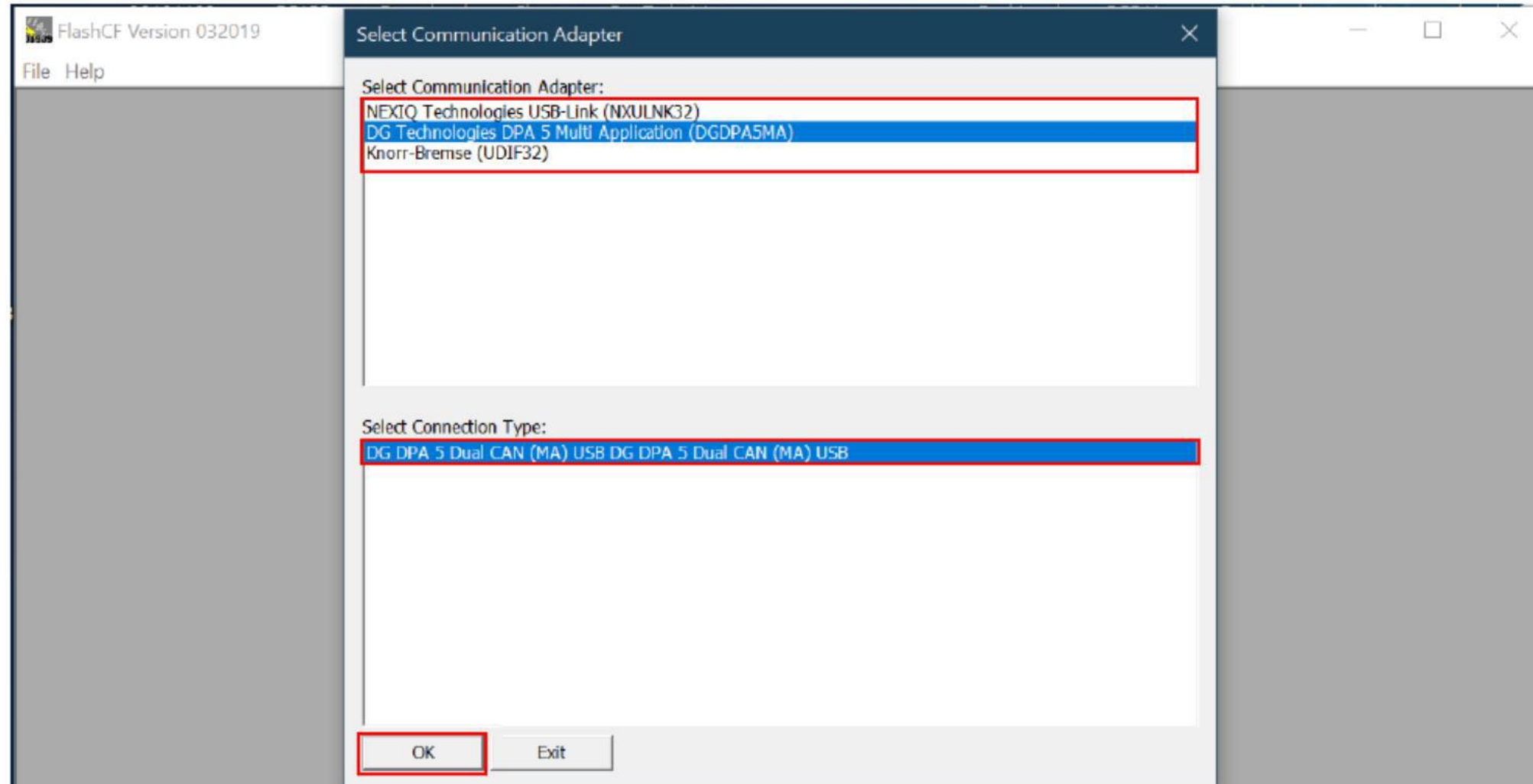
BB Part #	Ametek Part #	Software To Install in Part #
10062609	100103321	Software Download

Installing the Ametek software update to Gateway Module

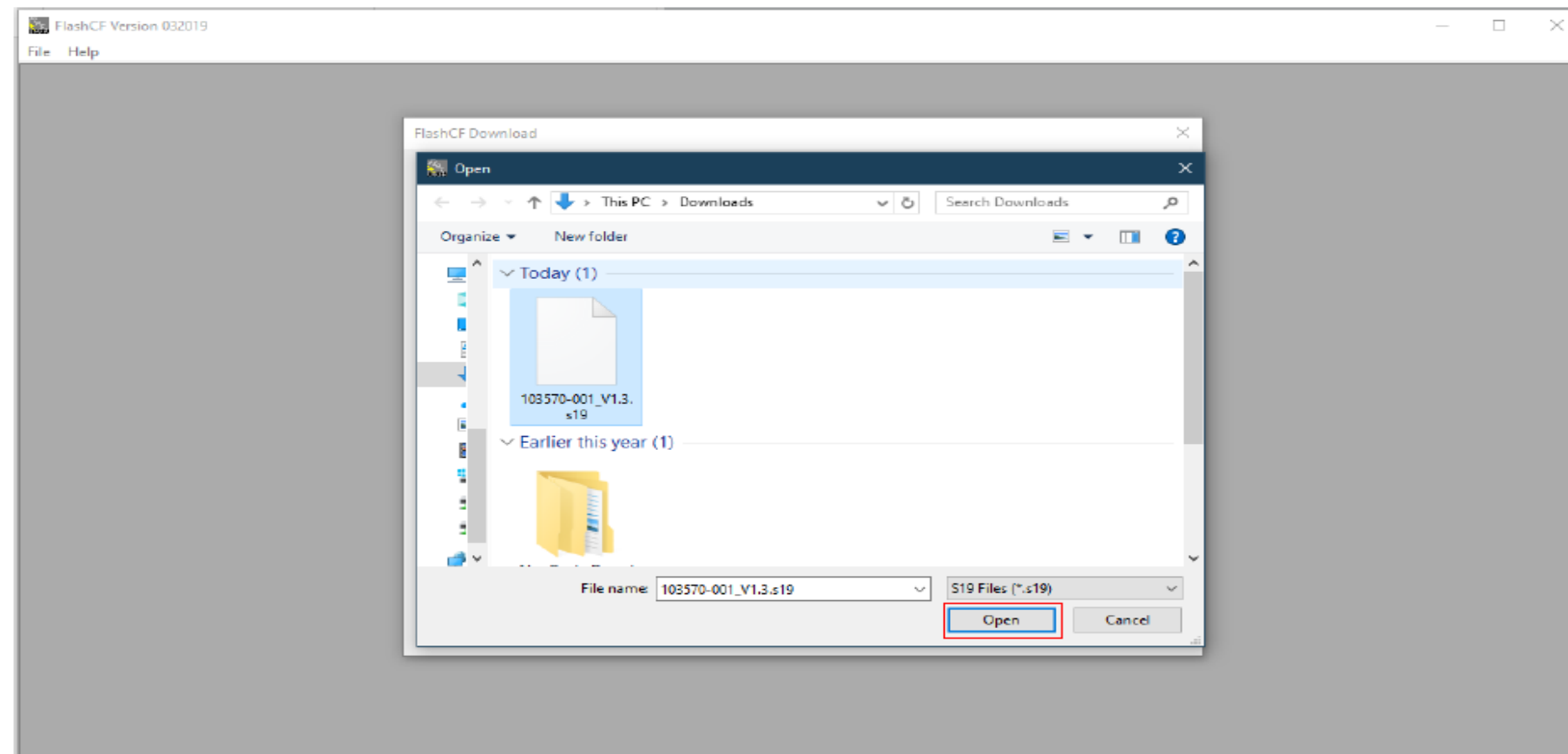
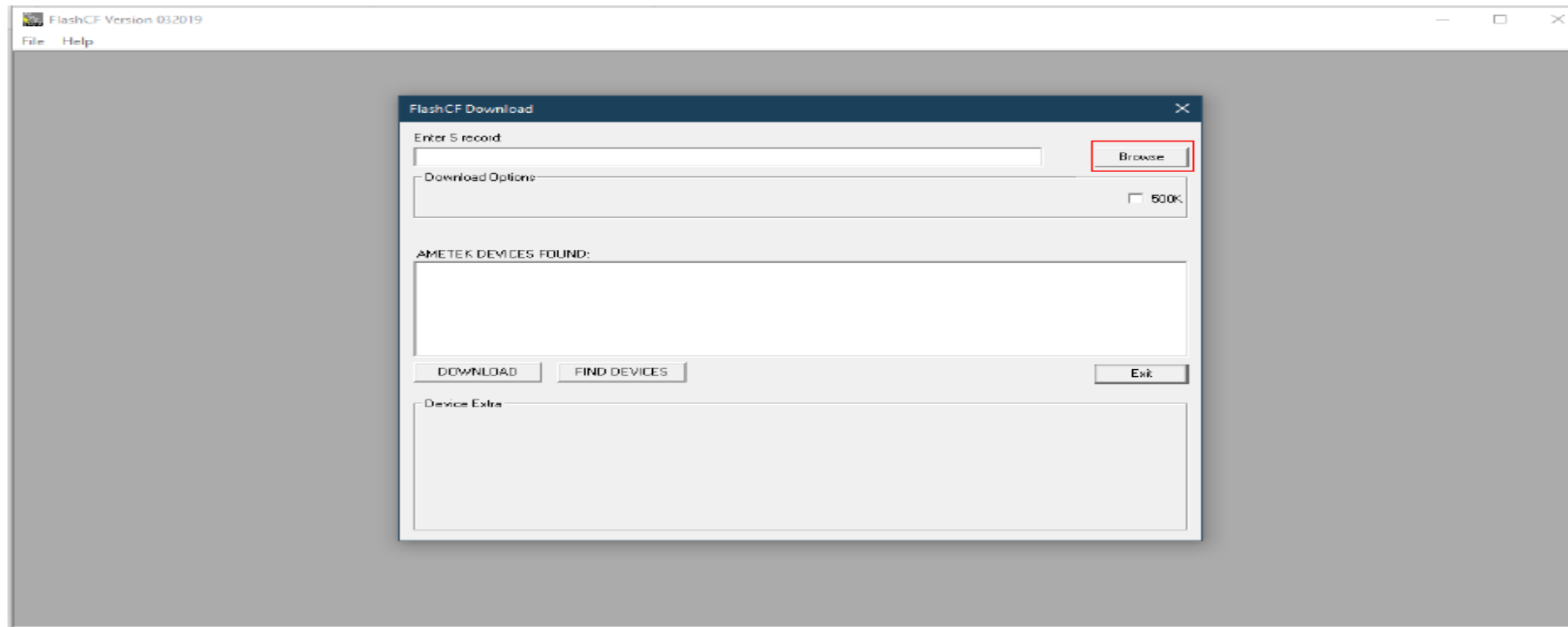
Connect Dearborn DPA-5 or supported RP1210 communication adapter to the laptop using the USB connection and then connect to the J1939 diagnostic port of the bus.



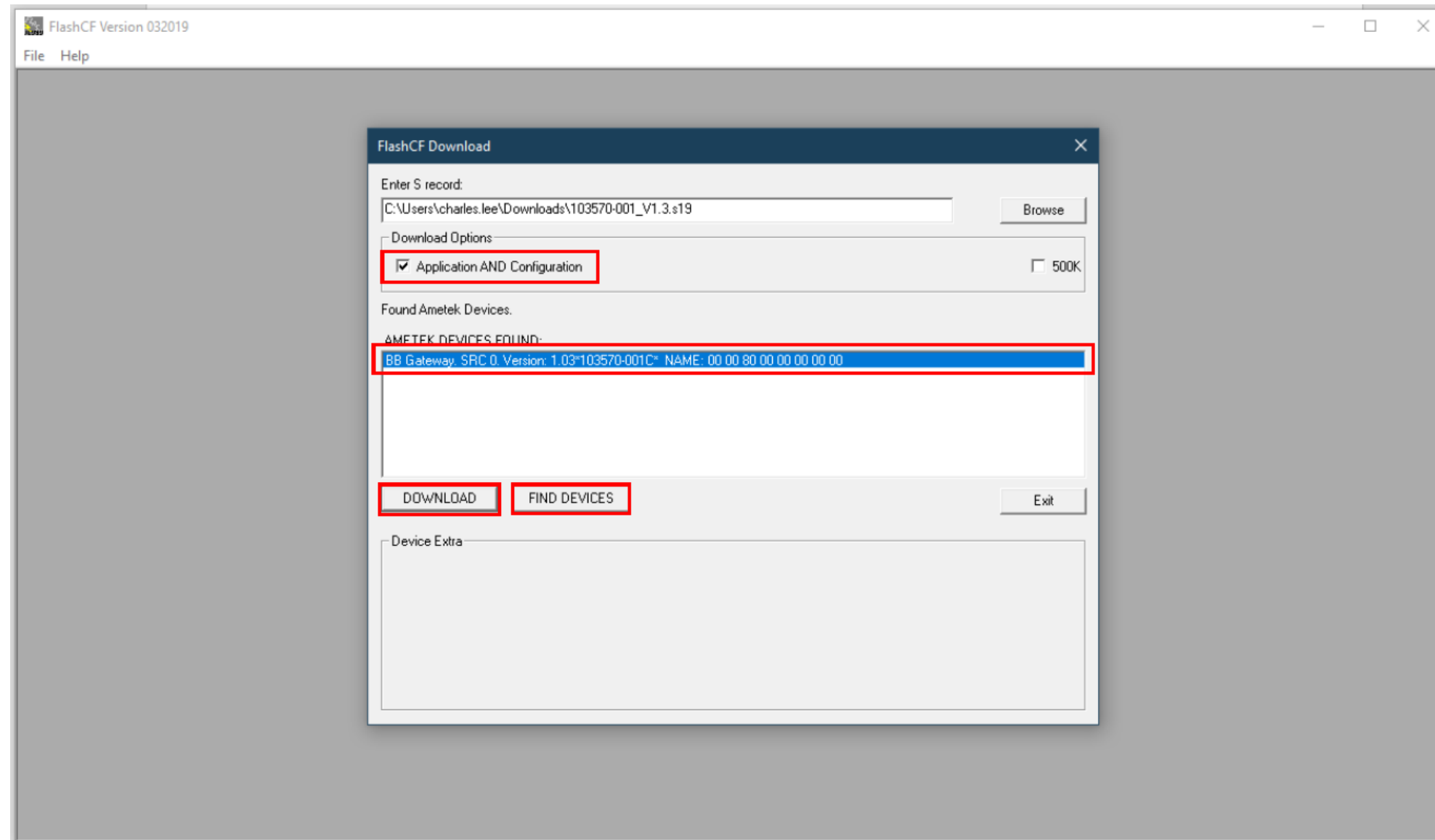
Select applicable supported RP1210 communication adapter and connection type from the list and click 'OK':



From the FlashCF Download screen, click 'Browse' and select the .s19 software to be installed in Gateway Module and click "Open":



Once the correct file is selected, click "FIND DEVICES" at the bottom of the window.
Then check the box for "Application AND Configuration", click "BB Gateway" and click "DOWNLOAD":

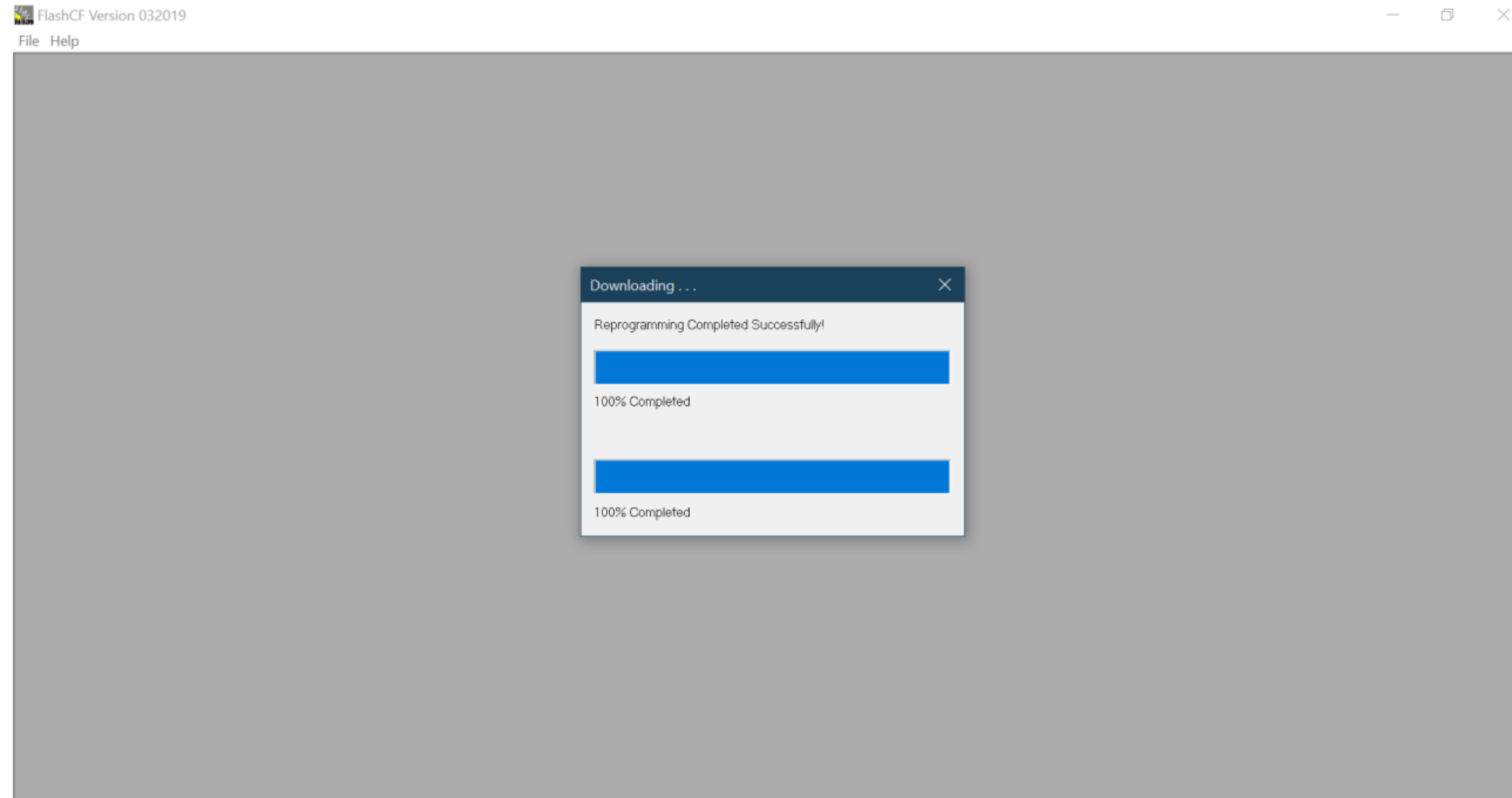




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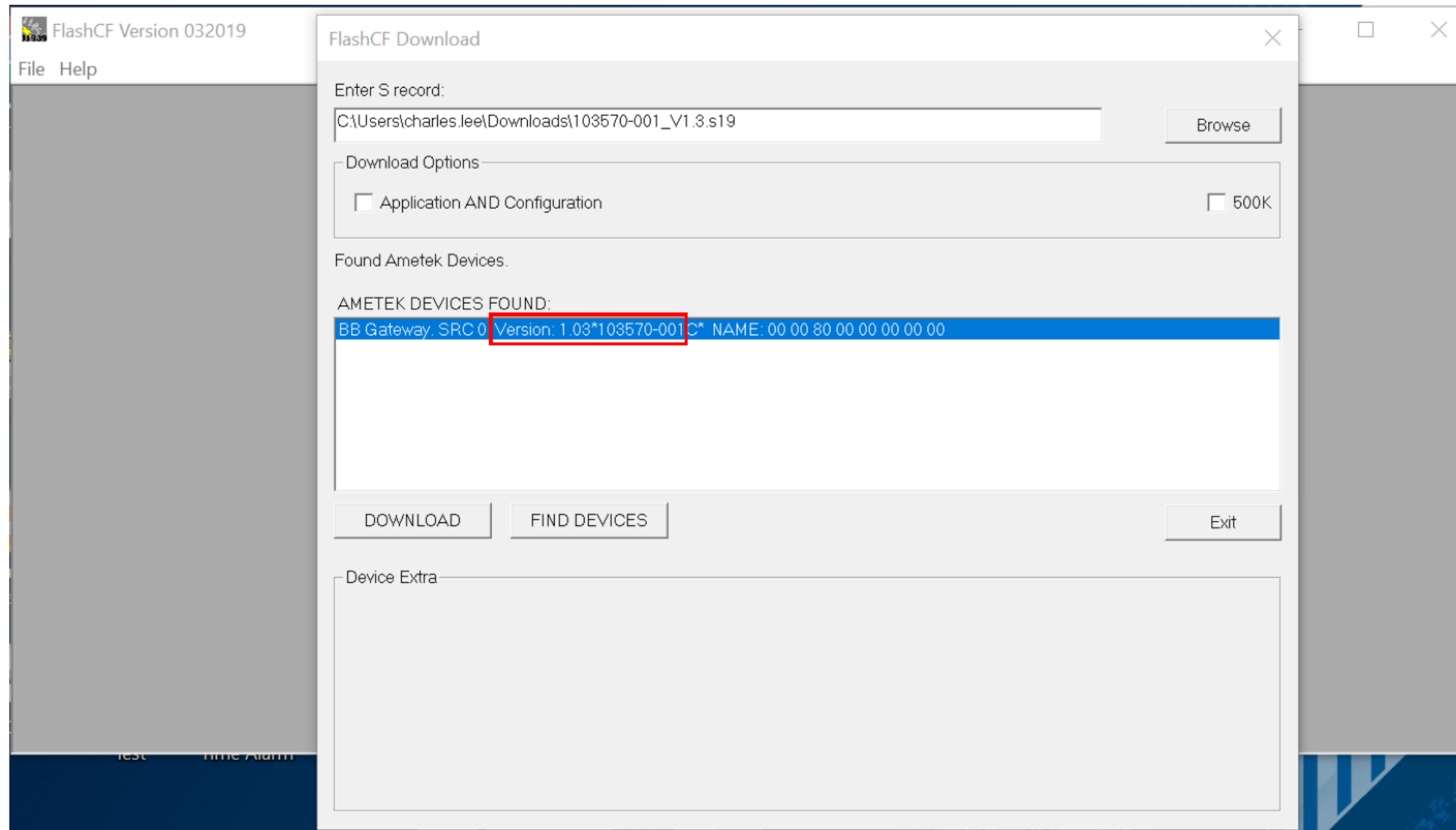
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Once downloading has completed, the screen will display "Reprogramming Completed Successfully!"
Both status bars will display "100% Completed" as shown below and you may exit the application:



Verify Ametek Gateway Module Software Update Using FlashCF Software Tool

Turn ignition or 12V power supply on, open FlashCF software tool, follow the updating steps listed above up to click "FIND DEVICES". Verify the software version and number listed matches what you just installed.



Instructions for Updating Ametek Gateway Module Software On A Workbench

To update the Ametek gateway module software version on a workbench, connect bench program harness #10069793 to gateway module. Connect black J1939 diagnostic port connector on bench program harness to a Dearborn DPA-5 or supported RP1210 communication adapter. Then connect Dearborn DPA-5 or supported RP1210 communication adapter to the laptop using the USB connection. Last connect bench program harness #10069793 to a 12V power supply. Turn 12V power supply on.
Note: All other instruction steps are the same as listed above for updating Ametek gateway module software on the bus.

Example Workbench connections shown below:

