



RV CHASSIS
A Shyft Group Brand

1000 Reynolds Road, Charlotte, MI 48813 | P: 517.543.6400
SPARTANRVCHASSIS.COM

Technical Service Bulletin TSB24-500-002

<u>DATE:</u>	March 2025		
<u>APPLIES TO:</u>	This service bulletin applies to 2022 – 2025 model year, K1, K2, K3, and K4 model motor home chassis built between September 10 th , 2021 – October 23, 2023, equipped with a three pod steering wheel and an ICM.		
<u>CONDITION:</u>	Steering wheel switches may stop working and flash their backlight.		
<u>CORRECTION:</u>	Update the ICM application code to the new version.		
<u>LABOR ALLOCATION:</u>	1 hour		
<u>CLASSIFICATION:</u>	T3		
<u>PARTS NEEDED:</u>	<u>QTY</u>	<u>Part Number</u>	<u>Description</u>
	1	TSB24-500-002	Service Bulletin

GENERAL INSTRUCTIONS:

Thoroughly review entire service bulletin before starting work. If there are questions or concerns with steps defined in this service bulletin, contact Spartan RV Chassis Customer & Product Support Group.

All applicable industry safety standards must be followed when performing work identified in this procedure.

Service Bulletins are intended for use by Professional Technicians only. They are written to guide Professional Technicians in performing service to vehicles of specific nature in conjunction with industry standards. Professional Technicians should be appropriately trained on industry standards and have the tools and equipment to perform procedures safely and properly.



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STEP-BY-STEP INSTRUCTIONS:

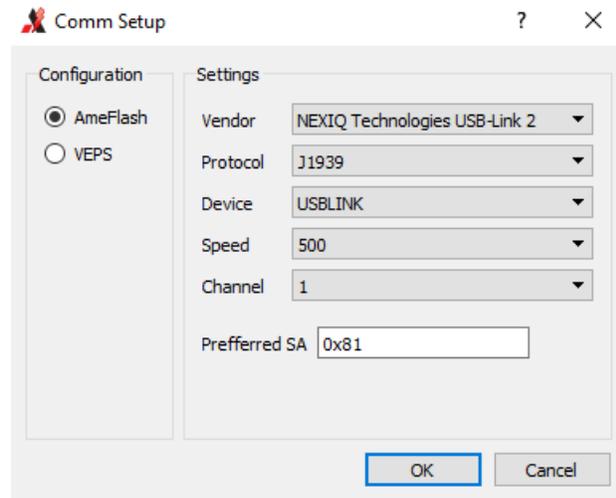
1. Download the ICM update software from the Spartan Academy site from the RSB23-500-001 ICM Recall download.
 - a. If the ICM has already been updated to v1.4 app code as part of RSB23-500-001 then no further action is required.

RSB23-500-001 ICM Recall

[Download RSB23-500-001 ICM Recall](#)

[AmeFlash Installer](#)

2. If AmeFlash hasn't been ran on the used computer before, perform the following steps.
 - a. Run the 'AmeFlashInstaller-Spartan.exe'.
 - b. When prompted, do not change the 'Destination Folder' from the default and just press install.
 - c. Open the AmeFlash program. On your first time launching it, it should bring up the Comm Setup window.



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- d. Ensure the settings are set for a Nexiq 2 and 500k (matching the picture above) and press 'OK'. If you are using a different adapter tool, change your settings accordingly.
3. Save the 'APP_PMM_CK_1.4.s19' file from the downloaded software to an easily found folder.
4. Connect your laptop to the diagnostic port of the vehicle with your adapter.
5. Launch AmeFlash. After a short period of 'Searching for Ametek Devices...' it should show the screen below.



6. Select the PMM module (there may be other items present in the list).
 - a. If the module shown is instead named SCM, do not attempt to run the update. The vehicle is not equipped with an ICM and running this software update on that device will disable it. If this does get updated, contact Spartan CPS to get the needed software to revert it to the original software.
7. In the right pane, press the select button next to the APP line. Browse to where you saved the 'APP_PMM_CK_1.4.s19' earlier, select it, and press OK.
8. The box next to APP should now have a file path in it. Press 'Flash'.

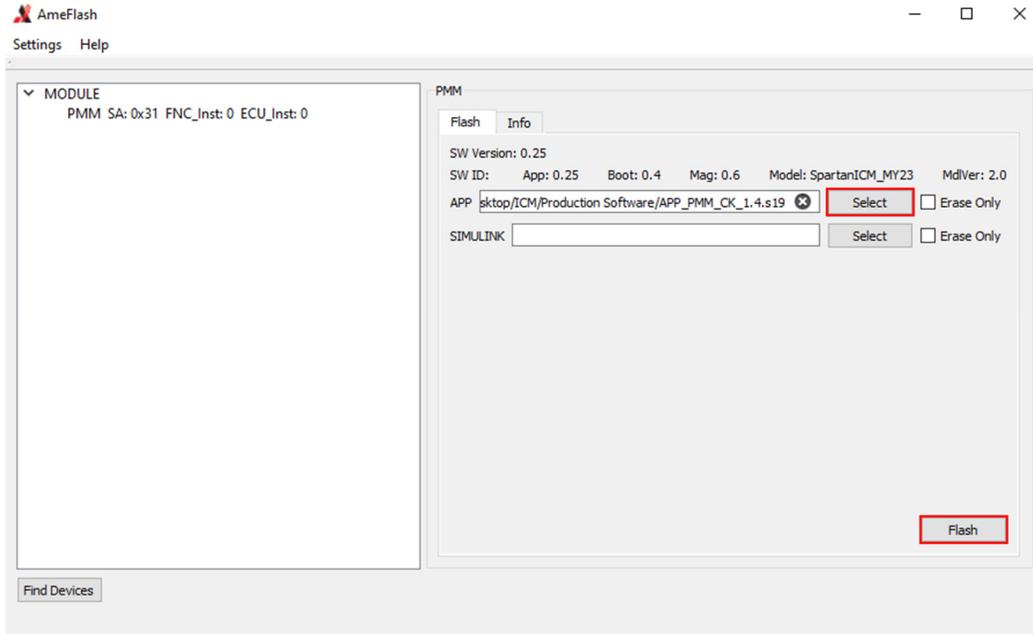
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9. The ICM should pop up a flash progress window that will go through the following steps.



- a. Entering Flash Mode
- b. Erasing Section: APP
- c. Flashing Section: APP

10. Once done, the flash progress window will close on its own and the ICM should restart. If the vehicle is equipped with PKS, turn the ignition back on. Press the 'Find Devices' button again and select the PMM. The App code should now say it is version '1.4'.

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PMM

Flash Info

SW Version: 1.4

SW ID: App: 1.4 Boot: 0.4 Mag: 0.6 Model: SpartanICM_MY23 MdlVer: 2.0

APP Erase Only

SIMULINK Erase Only

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