REFERENCE: FSA202210

DATE: 09.09.2022

SUBJECT: 2DIN Radio Software Update

FSA TYPE: Next Service Visit

FSA202210A : 2DIN Radio Update (Part1) FSA202210B : 2DIN Radio + Navigation Update (Part1+Part2)

<u>Labour</u>

Labour Code	Labour Name	Labour time
29C005 U	2DIN Radio Update	0.1h
29C005 N	2DIN Radio + Navigation Update	0,15h

Part Information:

MC46-18K931-AA / AB / AC	:	2 DIN With No Navigation Data
MC46-18K931-BA / BB / BC	:	2 DIN With Navigation

Important Note!!: Part are not replaced within this FSA. Numbers are given only to identify Navigation Feature

General Information;

- TSB will be implemented to the vehicles which have 2DIN Touch Screen Multimedia Radio because radio stations music or broadcasting stop itself instantly.
- > USB Stick is needed for update operation.
- > All steps should be applied according to specified sequence below.

ARM, MCU and Navigation Update Instructions for ARM Version V2.0.27.0 or lower only.

NOTE:

MC46-18K931-** Parts have been using since after September 2021. Therefore, vehicles should be produced after September 2021.

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To update, we must first check the system information then the appropriate update procedure will be applied.

1) Click on settings from the menu then System Info.



2) If ARM Version is <u>V2.0.27.0 or lower</u> you can continue to update with this Update Instructions. If it is not, you do not have to update the device.

NOTE: In order to update the system properly, both of Part 1 (ARM and MCU Update) and Part 2 (Navigation Update) must be updated. Do not update only one part without updating the other one.

Yazılım Bilgisi			
ARM Versiyon	V2.0.27.0		Chack the version
MCU Versiyon	V1.7.2_NAV	=	number written her
Bluetooth	V1.34		
BT MAC	EC:5B:73:14:30:74	-	
Sari Numaraa	007-027b-0064-0154-2950-60-00-5-11-9261		

PART 1 – ARM MCU Update

Download the ARM and MCU UPDATE files (get them from the supplier) to the computer then extract files.
 ARM and MCU UPDATE files are as below and transfer them to an empty USB stick.

Note: USB stick size can be 32GB max. and the USB format must be FAT32.

🧼 > USB (F:)			
mcu s.bin	mcu s md5	md5	update

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3) Plug the USB stick into the device.

4) Click on settings from the menu.



5) Click on the System Info.

General S	ettings			
Touchsc	reen Beep		_	0
Android	Auto Auto Laur	nch		
System I	nfo			>
Restore	Factory Setting	js		
1	e.	Δ	:::	Ø,
Audio	Phone	Navigation	Apps	Settings

6) Click on the **1** icon.

	Yazılım Bilgisi
V2.0.27.0	ARM Versiyon
V1.7.2_NAV	MCU Versiyon
V1.34	Bluetooth
EC:5B:73:14:30:74	ВТ МАС

REFERENCE: FSA202210 SUBJECT: 2DIN Radio Software Update FSA TYPE: Next Service Visit

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7) Click on the Download button.



8) Check the software to be installed and press the "YES/EVET" button, the download will be started.



9) Check that the loading screen is as follows. After the first download is finished, it will switch to the second download, first and second loading screens are as follows.



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Part 2 – Navigation Update

Before Navigaton Update, Click on the Settings, then General



Click on the System info then Navigation

General Settings		System Info			
Trade and the second seco		MCU Version		V1.7.0_NAV	
		Bluetooth		V1.34	
Android Auto Auto Launch		BT MAC		EC:5B:73:20:47:93	=
System Info	2	Serial Number	6041:9493:0050:6944:	039c:30c0:e0ae:b57a	
Restore Factory Settings		Navigation		>	
	<i>n</i> .		• •		ñ.
Audio Phone Navigation Apps	Settings	Audio	Phone Navigati	on Apps	Settings

If version number is 2020Q2, you should use <2020.Q2 REV29> file.

If version number is 2021Q2, you should use <2021.Q2 REV29> file.

Navigation Version	9.35.2.262635	Gezinme Sürümü	9.35.2.267969
Map Version	FEU.2020Q2	Harita Sürümü	FEU.2021Q2
Software Update	>	Yazılım Güncellemesi	>

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FSA TYPE: Next Service Visit

1) Plug an empty USB stick into the device (you can use the same USB stick after deleting all the files inside.)

2) Click on Navigation from the menu then
icon.

Note: USB stick size can be 32GB max. and the USB format must be FAT32



3) Click on the Settings then Update

Main Menu	Ý	👚	¥
5. Sk		Navigation View	
3D Useful Information		Update	
Settings		Start Configuration Wizard	~

4) Click on the Yes button, the download will start. After the download is finished as follows, click on the OK button.



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FSA TYPE: Next Service Visit

5) Remove the USB stick from the device and plug it into the computer. Check the USB stick directory you should find a folder named (Navigation) as below. (The content of this folder could be different from the below showed files depending on the Navigation version)

Navigation			
content	1.01.2019.00.01	Dosva klasörü	1
license	1.01.2019 00:01	Dosya klasörü	
Navi	1.01.2019 00:01	Dosya klasörü	
device_checksum.md5	1.01.2019 00:01	MD5 Dosyası	1 KB
device_status	1.01.2019 00:01	Yapılandırma ayarları	1 KB

6) You also need the «2020.Q2 REV29 or 2021.Q2 REV29 » file depends on navigation version of the device to update.(Get it from the supplier)

Example Image	2020.Q2 REV29 > Navigation			
	Ad	Değiştirme tarihi	Tür	Boyut
	Content	29.03.2022 16:01	Dosya klasörü	
	3 license	29.03.2022 15:34	Dosya klasörü	
	synctool	29.03.2022 16:01	Dosya klasörü	
	📜 ux	29.03.2022 16:01	Dosya klasörü	
2020 02	data	17.01.2022 15:16	WinRAR ZIP arşivi	30.517 KB
2020.02	igo	17.01.2022 15:16	Dosya	29.101 KB
REV29	i sys	17.01.2022 15:16	Metin Belgesi	1 KB

7) Copy and paste licence folder from USB stick to <2020.Q2 REV29 or 2021.Q2 REV29 > Navigation then select «Replace the file in destination»

	Example Image	2020.Q2 REV29 > Navigation
USB (E:) > Navigation		Ad
content		content
Iicense		license
Navi		synctool
device_checksum.md5		🗱 data
device_status		igo
		sys
	✓ <u>Replace the file in the destination</u>]
	Skip this file	
	Compare info for both files	
	(···) More details	

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FSA TYPE: Next Service Visit

8) Copy and paste «Navigation» folder from 2020.Q2 REV29 or 2021.Q2 REV29 to an empty USB stick. You can use the same USB stick after deleting all the files inside then paste «Navigation» folder.

2020.Q2 REV29 Name Navigation Navigation Navigation Navigation Navigation	2020.Q2 REV29 Name Navigation Copying 1 item 11% complete II × Speed: 245 MB/s		Exa	mple li	nage	2	>	USB (F:)	
Name Navigation Navigation Navigation Navigation Navigation	Name Navigation Navigation Navigation Navigation Navigation	2020.Q2 REV29							
Copying 1 item To USB 11% complete II × Speed: 245 MB/s	Navigation Copying 1 item To USB 11% complete II × Speed: 245 MB/s	Name							
Copying 1 item To USB 11% complete II × Speed: 245 MB/s	Copying 1 item TO USB 11% complete II × Speed: 245 MB/s								Navigation
Speed: 245 MB/s	Speed: 245 MB/s	Copying 1 item 11% complete	To USB				×		
Speed. 243 Woys					Snee	d. 245	MR/c	1	
					Spee	0.245	1110/ 3	-	

9) Remove the USB stick from the computer and plug it into the device. Click on the Settings, then General.



10) Click on the System info then Navigation

			MCO version	A			reen Been	Touchscr
V1.34			Bluetooth					
5B:73:20:47:93	EC:5		BT MAC			ch	Auto Auto Laun	Android A
0c0:e0ae:b57a	3:0050:6944:039c:30	6041:9493	Serial Number	>	_	_	nfo	System I
>			Navigation			S	Factory Setting	Restore F
			1	*				1
	A	C.	5	\$:::	A	S.	1

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11) Click on the Software Update then Download



12) And the update starts. Update is completed.

Now you are going to update Navigation.	Now you are going to update Navigation.
It will take a few minutes to complete the update.	It will take a few minutes to complete the update.
Before the upgrade finished, please don't cut off power.	Before the upgrade finished, please don't cut off power.
Downlead	Update completed

- After update is completed, turn the battery power off, and then, turn it back on.
- If you want to change Navigation language, you should change on Navigation Settings.

Ford Trucks Service Engineering Ford Otosan A.Ş