



INSTRUCTION TO SERVICE

ITS61677		04/21/2026
SECTION:	290-IP Config Programs	
SUBJECT:	IP-Cluster physical gauges to light up at Night-Run	
ISSUE:	Customer's request to light up physical gauges at Night-Run	
SUMMARY:	Flash Latest Released IP Config Program to the Vehicle	

ITS61677

Ref. NHTSA Recall No.	Ref. Transport Canada Recall No.
Not Applicable	Not Applicable

THIS ITS DOCUMENT SHOULD BE RETAINED AND REFERRED TO FOR FUTURE MAINTENANCE UNTIL THE NEW FLYER PARTS AND/OR SERVICE MANUAL IS UPDATED TO REFLECT WORK DONE AS A RESULT OF THIS DOCUMENT. ENSURE THAT THIS DOCUMENT IS AVAILABLE FOR PARTS AND MAINTENANCE STAFF GOING FORWARD.

Section	Field Name	Input / Example
1. EXECUTIVE SUMMARY	Document Type	Customer Request
	Year and Model Affected	Select 2022 XE40 vehicles
	Triggering Event	Customer requests to light up physical gauges at Night-Run
2. SAFETY RISK	Safety Risk Statement	Not Applicable
3. CORRECTIVE ACTION	Corrective Measure	Flash Latest Released IP Config Program to the Vehicle
	Issue Resolution Statement	Issue resolved by updating IP Cluster Config "GAUGE BACKLIGHT BRIGHTNESS" field, as requested by customer
	Validation Criteria	Put the bus into Night-Run mode, and check physical gauges to light up

PROCEDURE:

1. Load the supplied IP Cluster Configuration File onto the root of an empty flash drive.

NOTE: DO NOT UNZIP THE CONFIG FILE. It is intentionally packaged as a “.tar.gz” file and needs to stay that way for flashing.

NOTE: DO NOT PUT THE CONFIG FILE INTO A SUB-FOLDER. It needs to be right in the root (the base directory, shown below) of the flash drive for the Cluster to find the file. It should be the only config file in the root of the flash drive intended to be used to be sure the correct file is selected.

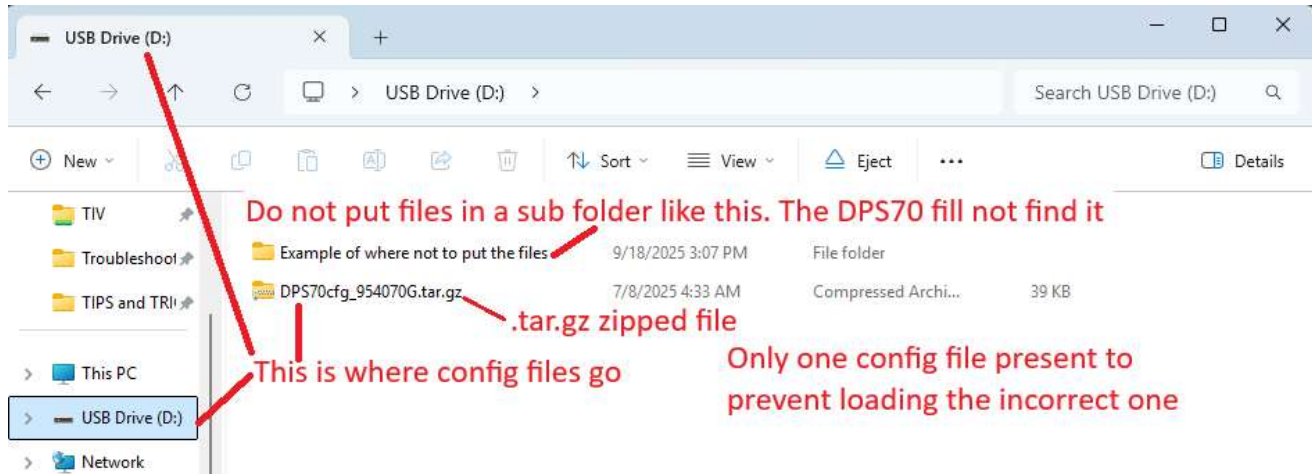


Figure 1: Flash Drive Examples

2. Connect the flash drive to the dash, either through the external USB-A connector underneath the dash, or with an added harness directly into the back of the dash's 4-pin USB connector port (only applies to a very small selection of dashes that lack the added USB port underneath).
3. Turn the MRS to the ON position.
4. Enter the IP Cluster into Service Mode by tapping on the Service Mode Icon (shown below) in the top right corner of the touch screen.

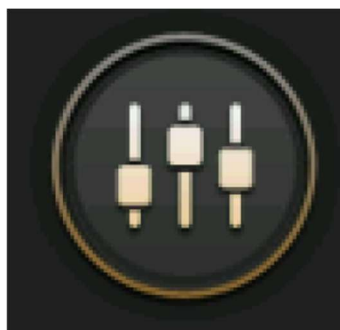


Figure 2: Service Mode Icon

5. A prompt for a password will appear, it is "9876543210" which gives full access to diagnostic mode and many diagnostic features.
6. Once in Service Mode, tap on the "Update Application" button (shown below).

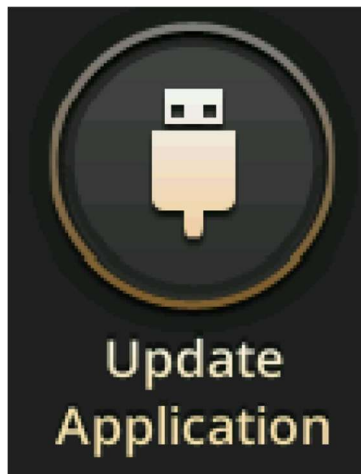


Figure 3: Update Application Button

7. Select the supplied IP Cluster Configuration file, and then press the green check mark to proceed. A warning will appear, press the green check mark again to start flashing.
 - a. If the configuration file is not appearing, double check that the rules outlined in Step 32 are followed (no unzipping, no sub folders, no multiple configs in the same flash drive root directory).
8. Once flashing is complete, the on-screen instructions will inform you to eject the flash drive, meaning it is safe to remove the flash drive.

LABOUR ESTIMATE				
	Operation	Number of Technician(s)	Hours	Labor Time T X HR
1	Update IP Configuration File	1	0.5	0.5

SPECIAL TOOLS REQUIRED					
Item	Part Number	Description	Qty.	Units	Notes
1		Flash drive with empty root directory	1	EA	For IP Config