

REFERENCE:	Nova Bus Manuals
SECTION:	17: Radios and Accessories
RS N°:	MQR 7621-990
EFFECTIVE IN PROD.:	N/A

APPLICATION DEADLINE: N/A

SUBJECT:	Clever Device
JUSTIFICATION:	This campaign is being issued to highlight the erroneous "DVR Not Operational" and "Roll Call Timeout-Camera" faults of Apollo system.

LEVEL	DESCRIPTION	DIRECT CHARGES		TIME
		LABOUR	MATERIAL	
1	Updation of NiiU hardware from firmware version 12.4 to 12.5	–	–	–
2	–	–	–	–

MATERIAL

QTY	PART N°	REV.	DESCRIPTION	REPLACES PART N°
LEVEL 1				
–	–	–	–	–
LEVEL 2				
–	–	–	–	–

DISPOSAL OF PARTS

REMOVED PARTS ARE:	DISCARDED	RETAINED	–
	–	–	

REVISION HISTORY

REV.	DATE	CHANGE DESCRIPTION	WRITTEN BY
NR	2016MA30	Initial release	Kumaraswamy K S

APPROVED BY:

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CLIENT	ORDER	ROAD NUMBER		VIN (2NVY/4RKY...)		QTY
		FROM	TO	FROM	TO	
Chicago Transit Authority - CTA - Illinois	L773	—	—	L82JXD4500429	L82J6D4500430	2
Chicago Transit Authority - CTA - Illinois	L811	7902	7949	L82J6E4500509	L82J6E4500526	48
Chicago Transit Authority - CTA - Illinois	L837	7950	7999	L82J6E4500655	L82J1E4500708	50
Chicago Transit Authority - CTA - Illinois	L847	8000	8049	L82J1E4500773	L82JXE4500822	50
Chicago Transit Authority - CTA - Illinois	L848	8050	8099	L82JXF4500823	L82J1F4500872	50
Chicago Transit Authority - CTA - Illinois	L849	8100	8149	L82J5F4500874	L82J3F4500923	50
Chicago Transit Authority - CTA - Illinois	L850	8150	8199	L82J5F4500924	L82J6G9775013	50
Chicago Transit Authority - CTA - Illinois	L943	8200	8324	L82JXG9775225	L82J3G9775406	125

**WARNING**

Follow your internal safety procedures.

**NOTE**

Repair will be accomplished by Apollo technicians from starting week of May 23rd and will continue for 5 weeks. Please contact your respective Customer Service Representative for further details.

PROCEDURE

- 1.1. Update the NiiU in the ITS cabinet from firmware version 12.4 to 12.5. This is to solve the error messages triggered in the AVM report about DVR not Operational and Roll Call Timeout-Camera (see Figure 1 and Figure 2).❖



Figure 1 - Typical Clever Device Location

Bus: 7978								
Bus	Garage	Component	Manufacturer And Model	Fault Description	Code	Date Time	Severity	Total Duration [Days]HH:MM:SS
7978	77th	Camera	Apollo DVR	DVR Not Operational		10/07/2015 11:04:42 PM	●	00:00:00
7978	77th	Camera	Apollo DVR	DVR Not Operational		10/08/2015 12:16:33 AM	●	00:00:00
7978	77th	Camera	Apollo DVR	DVR Not Operational		10/08/2015 1:18:53 AM	●	00:00:00
7978	77th	Camera	Apollo DVR	DVR Not Operational		10/08/2015 1:24:19 AM	●	00:00:00
7978	77th	Camera	Apollo DVR	DVR Not Operational		10/08/2015 1:27:55 AM	●	01:59:27

Bus: 7900								
Bus	Garage	Component	Manufacturer And Model	Fault Description	Code	Date Time	Severity	Total Duration [Days]HH:MM:SS
7900	77th	Camera	Apollo Road Runner	Roll Call Timeout - Camera	N/A	11/23/2015 8:25:37 PM	●	00:01:00
7902	77th	Camera	Apollo Road Runner	Roll Call Timeout - Camera	N/A	11/23/2015 1:33:23 PM	●	09:07:52

Figure 2 - Typical DVR Not Operational and Roll Call Timeout - Camera Fault Logs