

**FT5048 Front camera bracket breaking NYCT**

**Technical writer name**  
Devanand

**Manual section** 17

First Level Parts		
Material	Part Number	QTY
-	-	-

**Nb hours Level 1** 0.33 hr **MQR** 7621-2237

Second Level Parts (50% of 415 vehicles)		
Material	Part Number	QTY
SCREW M6X35 R/C CR B633 TYPEVI	N16729	2
RIVNUT M6 CYL OPEN YZ TRI 96H	N30499	2
WASHER FLAT OVS M6 SS DIN9021	N17565	2
WASHER LOCKHELI M6 SSA4	N44689	2

Disposal of parts		
Removed parts are:		When the retained check box is checked, the parts must be retained and returned in accordance with the usual warranty procedure to be reimbursed.
Discarded	Retained	
X	-	

Second Level Parts (25% of 415 vehicles)		
Material	Part Number	QTY
CAMERA BRACKET	N8904815	1

Shop Supply (100% of 415 vehicles)		
Material	Part Number	QTY
THREAD LOCKER BLUE	9985283	0.2 ml

**Note:**  
**9985283 (THREAD LOCKER BLUE)**  
 1 ea = 50 ml bottle  
 0.2 ml per bus  
 83 ml for 415 buses  
 1.66 ~ 2 Bottles for the entire campaign

Client	Order	Road numbers		VIN		QTY	Lang.	Customer	Target market	Plant	Config moteur	Model	NR	R1
New York City Transit - New York	L958	5439	5442	S92J9G9775533	S92J9G9775631	4	E	NYCT	US	PLB	TD	60	x	
New York City Transit - New York	L959	5443	5443	S92J0H9776118	S92J0H9776118	1	E	NYCT	US	PLB	TD	60	x	
New York City Transit - New York	LB59	5444	5484	S92J7H9776195	S92J6H9776379	41	E	NYCT	US	PLB	TD	60	x	
New York City Transit - New York	LA23	5485	5530	S92J5J9776380	S92J6J9776517	46	E	NYCT	US	PLB	TD	60	x	
New York City Transit - New York	LB29	5531	5566	S92J9J9776687	S92J6J9776873	36	E	NYCT	US	PLB	TD	60	x	
New York City Transit - New York	LB99	5567	5602	S92J2J9776935	S92J5K9777000	36	E	NYCT	US	PLB	TD	60	x	
New York City Transit - New York	LA73	8504	8507	L82J8J9776445	L82J8J9776476	4	E	NYCT	US	PLB	TD	40	x	
New York City Transit - New York	LA76	8508	8633	L82J9J9776924	L82J8K9777144	125	E	NYCT	US	PLB	TD	40	x	
New York City Transit - New York	LC32	8634	8754	L82JXK9777145	L82J5K9777277	121	E	NYCT	US	PLB	TD	40	x	
New York City Transit - New York	LB78	8526	8526	L82J3K9776984	L82J3K9776984	1	E	NYCT	US	PLB	TD	40	x	

Jean-Nicolas  
Fournier

Digitally signed by Jean-Nicolas Fournier  
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 Date: 2021.03.23 15:05:45 -0400

# Service Instruction

**QJ 7621- 2237 Front camera loose – containment campaign FT5048**

## GENERAL INFORMATIONS

Document	REV	Date	By
MQR 7621-2237 FT5048	1	3/23/21	

Order Affected / Effectivity	Road Number	Customers	QTY
LB29 LB99	5531-5602	NYCT	72
L958 L959 LB59 LA23	5439-5530	NYCT	92
LA73 LA76 LB78 LC32	8504-8754	NYCT	251

## SYSTEM and PARTS:

<b>System Name</b>	Front camera
<b>Option</b>	617220.67, 417220
<b>Drawing</b>	617220NB67, 617220NB60, 617220NB65, 417220NB92
<b>Part</b>	N8904815 Camera bracket

### Reason for Modification / Background:

Containment action for loose front camera

### Cause of Failure:

- Camera bracket is found cracked
- Camera bracket hardware loose

## MATERIAL

Item	QTY	PART NO	REV	DESCRIPTION	REPLACES PART N°
<b>LEVEL 1</b>					
1	N/A				
<b>LEVEL 2</b>					
1	2	N16729		SCREW M6X35 R/C CR B633 TYPEVI	
2	2	N30499		RIVNUT M6 CYL OPEN YZ TRI 96H	
3	2	N17565		WASHER FLAT OVS M6 SS DIN9021	
4	2	N44689		WASHER LOCKHELI M6 SSA4	
5		9985283		THREAD LOCKER BLUE	
6	1	N8904815		CAMERA BRACKET	

SRT	Type	Time
	Inspection	5 minutes
	Repair	15 minutes

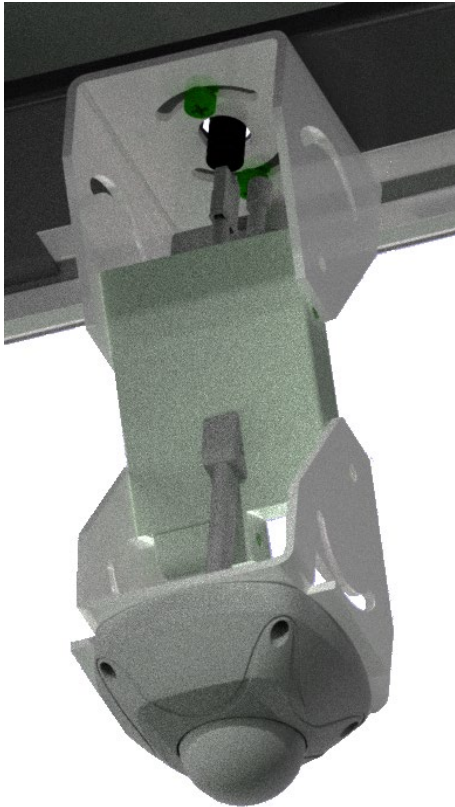
## SPECIAL INSTRUCTION / IMPORTANTE NOTICE

No	Tools Needed:
1	Torque wrench
2	
3	

**Important notices**

**DESCRIPTION / WORK INSTRUCTION**

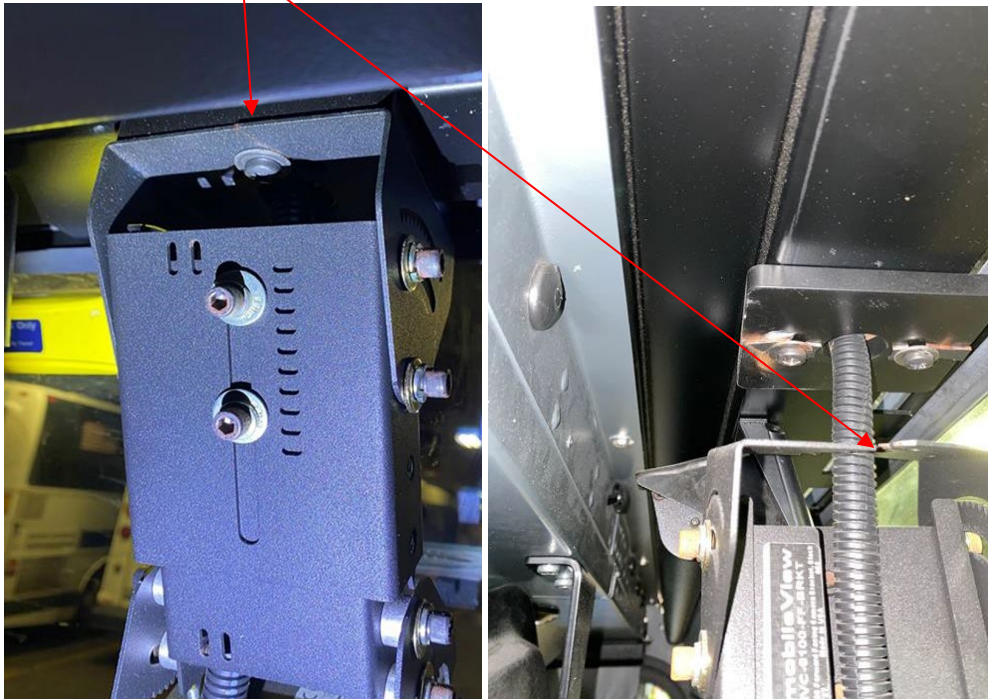
1. Locate the front camera bracket near the windshield



2. If bracket is cracked, replace with new bracket and hardware. Apply blue Loctite to threads.  
Torque to 8ft lbs = 10.8 Nm

2	N16729		SCREW M6X35 R/C CR B633 TYPEVI
2	N30499		RIVNUT M6 CYL OPEN YZ TRI 96H
2	N17565		WASHER FLAT OVS M6 SS DIN9021
2	N44689		WASHER LOCKHELI M6 SSA4
	9985283		THREAD LOCKER BLUE
1	N8904815		CAMERA BRACKET

Example of cracked brackets



3. If bracket hardware is loose or missing, install new hardware. Apply locitite to threads. Torque to 8ft lbs = 10.8 Nm

2	N16729		SCREW M6X35 R/C CR B633 TYPEVI
2	N30499		RIVNUT M6 CYL OPEN YZ TRI 96H
2	N17565		WASHER FLAT OVS M6 SS DIN9021
2	N44689		WASHER LOCKHELI M6 SSA4
	9985283		THREAD LOCKER BLUE

4. Document which bus was found to have loose hardware or loose bracket