

**FT5199R2 Gasket N55895 not installed in production**

**Technical writer name**  
Devanand

**Manual section** 11

First Level Parts (100% of veh)		
Part Description	Part Number	QTY
GASKET 4" STD	N55895	2

**Nb hours Level 1** 0.5 hr **MQR** 7621-2391

**Nb hours Level 2** 0.5 hr

Second Level Parts (20% of veh)		
Part Description	Part Number	QTY
CLAMP 4" STD	N55894	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	-	

**Note:** Part Qty changed to 2 at level 2

Client	Order	Road numbers	VIN		QTY	Lang.	Customer	Target market	Plant	Engine Config	Model	NR	R1	R2	R3
New York City Transit New York - NYCT	LC79	9624	9628	L82L3M9777783	L82L0M9777787	5	E	NYCT	US	PLB	TD	40	x	x	x
New York City Transit New York - NYCT	LC79	9636	9637	L82LXM9777795	L82L1M9777796	2	E	NYCT	US	PLB	TD	40	x	x	x
New York City Transit New York - NYCT	LC79	9639	9639	L82L5M9777798	L82L5M9777798	1	E	NYCT	US	PLB	TD	40	x	x	x
New York City Transit New York - NYCT	LC79	9644	9644	L82L5M9777803	L82L5M9777803	1	E	NYCT	US	PLB	TD	40	x	x	x
New York City Transit New York - NYCT	LC79	9648	9648	L82L2M9777807	L82L2M9777807	1	E	NYCT	US	PLB	TD	40	x	x	x
New York City Transit New York - NYCT	LC79	9650	9650	L82L6M9777809	L82L6M9777809	1	E	NYCT	US	PLB	TD	40	x	x	x
New York City Transit New York - NYCT	LC79	9652	9654	L82L4M9777811	L82L8M9777813	3	E	NYCT	US	PLB	TD	40	x	x	x
New York City Transit New York - NYCT	LC79	9656	9674	L82L1M9777815	L82L3M9777833	19	E	NYCT	US	PLB	TD	40	x	x	x
New York City Transit New York - NYCT	LC79	9676	9676	L82L7M9777835	L82L7M9777835	1	E	NYCT	US	PLB	TD	40	x	x	x
New York City Transit New York - NYCT	LC79	9678	9678	L82L0M9777837	L82L0M9777837	1	E	NYCT	US	PLB	TD	40	x	x	x
New York City Transit New York - NYCT	LC79	9680	9680	L82L4M9777839	L82L4M9777839	1	E	NYCT	US	PLB	TD	40	x	x	x
New York City Transit New York - NYCT	LC79	9683	9683	L82L4M9777842	L82L4M9777842	1	E	NYCT	US	PLB	TD	40	x	x	x
New York City Transit New York - NYCT	LC79	9691	9691	L82L3M9777850	L82L3M9777850	1	E	NYCT	US	PLB	TD	40	x	x	x
New York City Transit New York - NYCT	LC79	9694	9694	L82L9M9777853	L82L9M9777853	1	E	NYCT	US	PLB	TD	40	x	x	x
New York City Transit New York - NYCT	LC79	9698	9702	L82L6M9777857	L82L8M9777861	5	E	NYCT	US	PLB	TD	40	x	x	x
New York City Transit New York - NYCT	LC79	9707	9707	L82L7M9777866	L82L7M9777866	1	E	NYCT	US	PLB	TD	40	x	x	x
New York City Transit New York - NYCT	LC79	9710	9715	L82L2M9777869	L82L8M9777875	6	E	NYCT	US	PLB	TD	40	x	x	x
New York City Transit New York - NYCT	LC79	9717	9721	L82L1M9777877	L82L3M9777881	5	E	NYCT	US	PLB	TD	40	x	x	x
New York City Transit New York - NYCT	LC79	9723	9724	L82L7M9777883	L82L9M9777884	2	E	NYCT	US	PLB	TD	40	x	x	x
New York City Transit New York - NYCT	LC79	9727	9727	L82L4M9777887	L82L4M9777887	1	E	NYCT	US	PLB	TD	40	x	x	x
New York City Transit New York - NYCT	LC79	9731	9736	L82L6M9777891	L82L9M9777903	6	E	NYCT	US	PLB	TD	40	x	x	x
New York City Transit New York - NYCT	LC79	9739	9740	L82L4M9777906	L82L6M9777907	2	E	NYCT	US	PLB	TD	40	x	x	x
New York City Transit New York - NYCT	LC79	9742	9742	L82LXM9777909	L82LXM9777909	1	E	NYCT	US	PLB	TD	40	x	x	x
New York City Transit New York - NYCT	LC79	9745	9746	L82LXM9777912	L82L1M9777913	2	E	NYCT	US	PLB	TD	40	x	x	x
New York City Transit New York - NYCT	LC79	9749	9773	L82L7M9777916	L82LXM9777943	24	E	NYCT	US	PLB	TD	40	x	x	x
New York City Transit New York - NYCT	LC79	9775	9780	L82L3M9777945	L82L7M9777950	6	E	NYCT	US	PLB	TD	40	x	x	x
New York City Transit New York - NYCT	LC79	9782	9784	L82L0M9777952	L82L4M9777954	3	E	NYCT	US	PLB	TD	40	x	x	x
New York City Transit New York - NYCT	LD64	9806	9806	L82L7M9777981	L82L7M9777981	1	E	NYCT	US	PLB	TD	40	x	x	x
New York City Transit New York - NYCT	LD64	9812	9812	L82L3M9777993	L82L3M9777993	1	E	NYCT	US	PLB	TD	40	x	x	x
New York City Transit New York - NYCT	LD64	9829	9832	L82L4M9778022	L82LXM9778025	4	E	NYCT	US	PLB	TD	40	x	x	x
New York City Transit New York - NYCT	LD64	9844	9844	L82L1M9778043	L82L1M9778043	1	E	NYCT	US	PLB	TD	40	x	x	x

Jean-Nicolas  
Fournier

Digitally signed by Jean-Nicolas Fournier  
DN: cn=Jean-Nicolas Fournier, o=Nova  
Bus, email=jean-nicolas.fournier@volvo.com, c=CA  
Date: 2022.03.01 13:20:35 -05'00'

# Service Instruction

## QJ 7621 - 2391 – Flexible joint bellow

### GENERAL INFORMATIONS

Document	REV	Date	By
MQR 7621 - 2391		11/26/21	SL

Order Affected / Effectivity	Road Number	Customers	QTY
NYCT LC 79 and LD64 FT5199 affected market		NYCT	

### SYSTEM and PARTS:

System Name	Exhaust System
Option	411315.35
Drawing	411315NB29
Part	N55895

#### Reason for Modification / Background:

Customer complaint of fumes inside cabin area of bus, Prevost inspection found the Gasket PN N55895 missing from bus. It is located between Flexible Joint Bellows and Exhaust Pipe after Turbo.

The system must be inspected for exhaust leaks and if leaks are found, the Flexible must be removed and new gaskets (replace as a pair) must be installed.

Both Clamps can be reused if in good conditions

#### Cause of Failure:

- The Part was missing on some units

### MATERIAL

Item	QTY	PART NO	REV	DESCRIPTION	REPLACES PART N°
LEVEL 1					
1	2	N55895		GASKET 4" STD	-
2					
3					
LEVEL 2					
1	1	N55894		CLAMP 4"	

SRT	Type	Time
	Inspection Before	15 min
	Installation	60 min
	Inspection After	15 min

## SPECIAL INSTRUCTION / IMPORTANTE NOTICE

No	Tools Needed:
1	Water and Soap Bottle
2	Paint Marker
3	Socket 11mm
4	Scotch Brite Cleaning Cloth
5	Torque Wrench (NM)

### Important notices

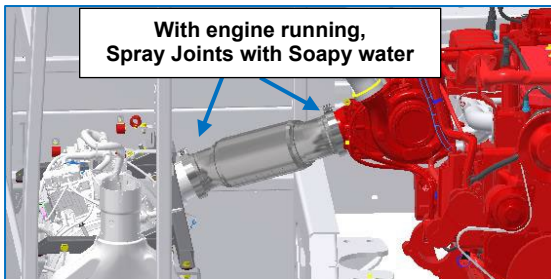
## DESCRIPTION / WORK INSTRUCTION

### INSPECTION - BEFORE INSTALLATION

1. Open rear engine access door.

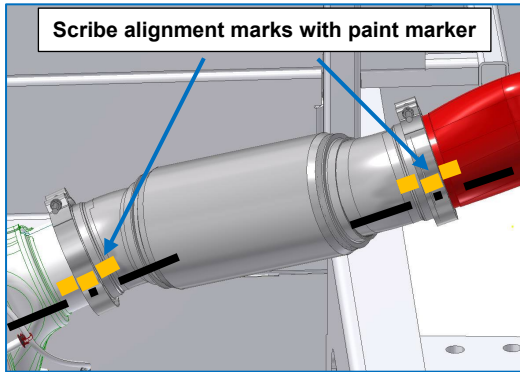


2. To confirm the gasket is leaking:
  - a. With engine off, look at the exhaust Flexible pipe joints for **soot stains**.
  - b. With engine running, spray **Soapy Water** on those joints and look for **bubbles**.



3. Once the leak is confirmed, prior to start the procedure,  
**PROCEDURE**
4. Engine must be off (be careful the area will still be hot).
5. Engine Mode Start Switch should be set in center position (**Engine Starting disabling**)
6. Cut-Off switch should be OFF and locked in OFF position (**Added Safety**).

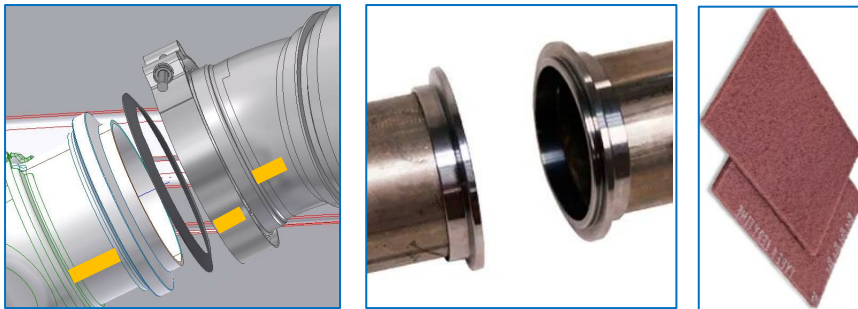
- Before loosening of the clamps, mark the angle clocking position of the Flexible pipe.



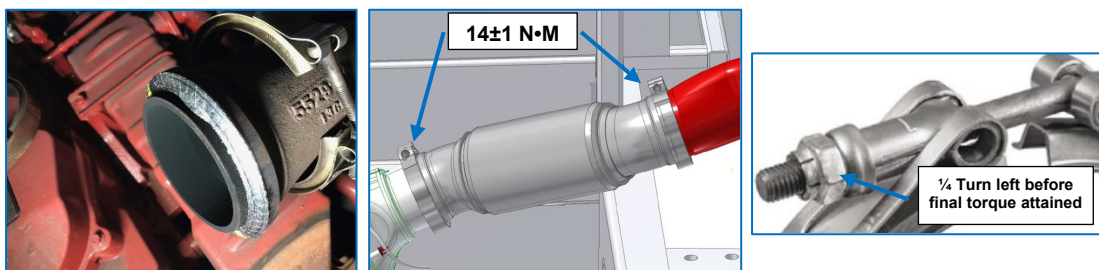
That Flexible pipe is positioned so the flanges are sitting flat against each other. Any misalignment of the flanges at re-installation will cause the gasket to be unevenly compressed and make the joint prone to leakage.

### **INSTALLATION**

- Using the 11mm socket, loosen both clamps and move them on the side.
- Discard old gasket(s) and clean all mating surfaces with cleaning cloth, taking care not removing the alignment marks.
- Inspect (and replace if the condition requires it) both clamps.



- Install both gasket taking care not to rub them and using the scribed marks, align the Flexible in proper position so its flanges will sit evenly. **No lubricant** is allowed.
- Position both Clamps for easy access and tighten them evenly so the gaskets will sit accordingly.
- Using the Torque Wrench, torque the clamps to proper torque while ensuring  $\frac{1}{4}$  turn of the clamp bolt is left before final torque is reached. AVT-0575 ( $14 \pm 1 \text{ N}\cdot\text{M}$  ( $10 \pm 1 \text{ LB PI}$ )).



### **INSPECTION - AFTER INSTALLATION**

- With engine On and using **Soapy Water**, Repeat the leak searching procedure to confirm the good sealing of the assembly. For the best results, bring the engine to operating temperature.