Manufacturer Name : Bucher Municipal North America Submission Date : APR 30, 2024 NHTSA Recall No.: 24V-296 Manufacturer Recall No.: NR

Manufacturer Information :

Manufacturer Name : Bucher Municipal North America Address: 105 Motorsports Road Mooresville NC 28115 Company phone: 658-1333

Vehicle Information ·

Vehicle 1:	2014-2020 John	nston VT65	51	
Vehicle Type :	BUSES, MEDIUM	/I & HEAVY	VEHICLES	
Body Style :	OTHER			
Power Train :	DIESEL			
Descriptive Information :	Recall population (identified as Response) sweeper machine 2014 and after 1 and Rev C pins, sweeper machine	on was dete ev B pin) w nes during December respective nes.	ermined because the compo ras installed by the foreign m the period of production ide 2020, a pin with an alternati ly) was used by the affiliate	nent pin containing the defect nanufacturing affiliate in the entified. Prior to December ive coating (identified as Rev A to manufacture the subject
Production Dates :	DEC 01, 2014 - I	DEC 31, 20	20	
VIN Range 1:	Begin :	NR	End: NR	□ Not sequential
Vehicle 2:	2014-2020 Johr	nston VT65	12	
Vehicle Type :	BUSES, MEDIUM	A & HEAVY	VEHICLES	
Body Style :	OTHER			
Power Train :	DIESEL			
Descriptive Information :	Recall population (identified as Red sweeper machine 2014 and after 1 and Rev C pins, sweeper machine	on was dete ev B pin) w nes during December respective nes.	ermined because the compo ras installed by the foreign m the period of production ide 2020, a pin with an alternati ly) was used by the affiliate	nent pin containing the defect nanufacturing affiliate in the entified. Prior to December ive coating (identified as Rev A to manufacture the subject
Production Dates :	DEC 01, 2014 - I	DEC 31, 20	20	
VIN Pango 1 ·	Begin :	NR	End: NR	□ Not sequential

The information contained in this report was submitted pursuant to 49 CFR §573

24V-296

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Number of potentially involved : 356 Estimated percentage with defect : 100 %

Population :

veniere o.	2014-2020 Jo	hnston VS651			
Vehicle Type :	BUSES, MEDIUM & HEAVY VEHICLES				
Body Style :	OTHER				
Power Train :	DIESEL			_	
Descriptive Information :	Recall popula (identified as sweeper mac 2014 and afte and Rev C pin sweeper mac	tion was deter Rev B pin) wa hines during t er December 2 ns, respectively hines.	rmined beca is installed he period o 020, a pin v y) was used	ause the com by the foreig f production vith an altern by the affilia	ponent pin containing the defec in manufacturing affiliate in the identified. Prior to December native coating (identified as Rev ate to manufacture the subject
Production Dates :	DEC 01, 2014	- DEC 31, 202	0		
VIN Range 1:	Begin :	NR	End :	NR	Not sequentia
Vehicle 4 :	2014-2020 Jo	hnston VS652	}		
Vehicle Type :	BUSES, MEDI	UM & HEAVY	VEHICLES		
Body Style :	OTHER				
Power Train :	DIESEL				
	(identified as	Rev B pin) wa	is installed	by the foreig	in manufacturing affiliate in the
	(identified as sweeper mac 2014 and after and Rev C pin sweeper mac	Rev B pin) was hines during t er December 2 ns, respectively hines.	he period o 020, a pin v) was used	by the foreig f production vith an altern by the affilia	in manufacturing affiliate in the identified. Prior to December native coating (identified as Rev ate to manufacture the subject
Production Dates :	(identified as sweeper mac 2014 and after and Rev C pin sweeper mac DEC 01, 2014	Rev B pin) was hines during the Pr December 2 his, respectively hines.	(initial decays) is installed he period o 020, a pin v () was used 0	by the foreig f production vith an altern by the affilia	in manufacturing affiliate in the identified. Prior to December native coating (identified as Rev ate to manufacture the subject
Production Dates : VIN Range 1 : 1	(identified as sweeper mac 2014 and afte and Rev C pin sweeper mac DEC 01, 2014 Begin :	Rev B pin) was hines during the er December 2 hs, respectively hines. - DEC 31, 202 NR	(in the because installed because installed because of the beriod of the beriod of the beriod of the because of	by the foreig f production vith an altern by the affilia NR	in manufacturing affiliate in the identified. Prior to December native coating (identified as Rev ate to manufacture the subject
Production Dates : VIN Range 1 : Vehicle 5 :	(identified as sweeper mac 2014 and afte and Rev C pin sweeper mac DEC 01, 2014 Begin : 2014-2020 Jo	Allon was deter Rev B pin) was hines during the er December 2 as, respectively hines. - DEC 31, 202 NR - DR - DR - DR VT801	(in the because installed because installed because of the period of 020, a pin v (7) was used 0 [20] [20] [20] [20] [20] [20] [20] [2	by the foreig f production vith an altern by the affilia	in manufacturing affiliate in the identified. Prior to December native coating (identified as Rev ate to manufacture the subject
Production Dates : VIN Range 1 : Vehicle 5 : Vehicle Type :	(identified as sweeper mac 2014 and afte and Rev C pin sweeper mac DEC 01, 2014 Begin : 2014-2020 Jc BUSES, MEDI	Rev B pin) was hines during the er December 2 hs, respectively hines. - DEC 31, 202 NR hinston VT801 UM & HEAVY	(initial decays installed beta) he period o (020, a pin v (7) was used 0 End :	by the foreig f production vith an altern by the affilia NR	in manufacturing affiliate in the identified. Prior to December native coating (identified as Rev ate to manufacture the subject
Production Dates : VIN Range 1 : Vehicle 5 : Vehicle Type : Body Style :	(identified as sweeper mac 2014 and afte and Rev C pin sweeper mac DEC 01, 2014 Begin : 2014-2020 Jo BUSES, MEDI OTHER	A Rev B pin) was hines during the er December 2 his, respectively hines. - DEC 31, 202 NR - DEC 31, 202 NR - DEC 31, 202 NR	() via installed be he period o 020, a pin v v) was used 0 End : VEHICLES	by the foreig f production vith an altern by the affilia NR	in manufacturing affiliate in the identified. Prior to December native coating (identified as Rev ate to manufacture the subject
Production Dates : VIN Range 1 : Vehicle 5 : Vehicle Type : Body Style : Power Train :	(identified as sweeper mac 2014 and afte and Rev C pin sweeper mac DEC 01, 2014 Begin : 2014-2020 Jo BUSES, MEDI OTHER DIESEL	A Rev B pin) was hines during the er December 2 hs, respectively hines. - DEC 31, 202 NR hinston VT801 UM & HEAVY	(initial decays installed be be be period o (020, a pin v (7) was used (0) End : (VEHICLES	by the foreig f production vith an altern by the affilia	in manufacturing affiliate in the identified. Prior to December native coating (identified as Rev ate to manufacture the subject
Production Dates : VIN Range 1 : Vehicle 5 : Vehicle Type : Body Style : Power Train : Descriptive Information :	(identified as sweeper mac 2014 and afte and Rev C pin sweeper mac DEC 01, 2014 Begin : 2014-2020 Jo BUSES, MEDI OTHER DIESEL Recall popula (identified as sweeper mac 2014 and afte and Rev C pin sweeper mac	Rev B pin) was hines during the er December 2 hs, respectively hines. - DEC 31, 202 NR - DE	rmined because installed because installed because installed because of the period of	by the foreig f production vith an altern by the affilia NR NR ause the com by the foreig f production vith an altern by the affilia	ponent pin containing the derect in manufacturing affiliate in the identified. Prior to December native coating (identified as Rev ate to manufacture the subject Not sequentia
Production Dates : VIN Range 1 : Vehicle 5 : Vehicle Type : Body Style : Power Train : Descriptive Information : Production Dates :	(identified as sweeper mac 2014 and afte and Rev C pin sweeper mac DEC 01, 2014 Begin : 2014-2020 Jo BUSES, MEDI OTHER DIESEL Recall popula (identified as sweeper mac 2014 and afte and Rev C pin sweeper mac DEC 01, 2014	Rev B pin) was hines during the er December 2 as, respectively hines. - DEC 31, 202 NR ohnston VT801 UM & HEAVY V ation was deter Rev B pin) wa hines during the er December 2 as, respectively hines. - DEC 31, 202	A period o (020, a pin v (1) was used (1) mas used (2) mas used (2) mas used (2) mas used (3) mas used (4) mas used (5) mas used (6) mas used (6) mas used (7) mas used	by the foreig f production vith an altern by the affilia NR NR ause the com by the foreig f production vith an altern by the affilia	ponent pin containing the defect in manufacturing affiliate in the identified. Prior to December native coating (identified as Rev ate to manufacture the subject Not sequentian ponent pin containing the defect in manufacturing affiliate in the identified. Prior to December native coating (identified as Rev ate to manufacture the subject

Vehicle 6: 20	14-2020 Johnston VS802			
Vehicle Type : BL	USES, MEDIUM & HEAVY VEHICLES			
Body Style : 01	ΓHER			
Power Train : DI	ESEL			
Descriptive Information : Re (ic sw 20 an sw	on : Recall population was determined because the component pin containing the defect (identified as Rev B pin) was installed by the foreign manufacturing affiliate in the sweeper machines during the period of production identified. Prior to December 2014 and after December 2020, a pin with an alternative coating (identified as Rev A and Rev C pins, respectively) was used by the affiliate to manufacture the subject sweeper machines.			
Production Dates : DE	EC 01. 2014 - DEC 31. 2020			
VIN Range 1 : Beg	$\sin \cdot NR$	Fnd · NR	□ Not sequential	
Vitvitange 1. Deg	ini. Ivit	LIIU. IVIU		
Vehicle 7: 20	14-2020 Bucher V65t			
Vehicle Type : BL	JSES. MEDIUM & HEAVY VEH	HICLES		
Body Style : 01	THER			
Power Train : DIESEL				
Power Train : DIESELDescriptive Information :Recall population was determined because the component pin containing the defect (identified as Rev B pin) was installed by the foreign manufacturing affiliate in the sweeper machines during the period of production identified. Prior to December 2014 and after December 2020, a pin with an alternative coating (identified as Rev A and Rev C pins, respectively) was used by the affiliate to manufacture the subject sweeper machines.				
Production Dates : DE	2C 01, 2014 - DEC 31, 2020			
VIN Range 1:Beg	gin : NR	End: NR	☐ Not sequential	
Description of Defect :	The nin securing the hydra	ulic rear door cylinder	r may fail due to corrosion and	
Description of the Defect.	seizing of the pin, which ma open, to drop to its vertical cylinder which opens and c	ay cause the rear door position. The pin at is loses the rear doors o	of the sweeper machine, if ssue is fitted to hydraulic n the affected sweepers.	
FMVSS 1 :	NR			
FMVSS 2 :	NR			
Description of the Safety Risk :	The pin secures the rear do when the rear door is open to its vertical position with death to operators or bysta sweeper machine.	oor's hydraulic cylinde in a near horizontal p out warning, which co nders who are under	r in position. If the pin fails osition, the door may drop uld cause serious injury or the open rear door of the	
Description of the Cause :	The coating on the pin may seizing, cracking or breaking	not prevent corrosior ng from use.	n, which could lead to the pin	
Identification of Any Warning that can Occur :	NR	_		
The infor	mation contained in this report v	vas submitted pursuant to	D / 10 CER 8573	

Involved Components :

Component Name 1 :PinComponent Description :Pin used in sweeper machine hydraulic rear door cylinderComponent Part Number :NR

Supplier Identification :

Component Manufacturer

Name :Bucher Municipal LimitedAddress :Curtis RoadDorking Surrey Foreign States RH4 1XFCountry :United Kingdom

Chronology:

See attached document titled "Basis of Safety Defect Determination 573.6(c)(6) Chronology."

Description of Remedy :

Description of Remedy Program :	BMNA has instructed dealers through TB1813 to request inspection of all affected sweeper machines for damaged pins and to install a retaining bracket to the rear door to prevent the door falling in the event of a pin failure. BMNA plans to instruct owners to install a retaining bracket to the to the rear door through TB1813, if not already performed. BMNA will provide new pins and instruct dealers and owners of the affected machines to use the new pins and replace the defective ones through TB1816. At the same time, BMNA plans to provide dealers and owners revised operator and maintenance instructions for the load discharge area around the affected rear door, to include new warning decals to be fitted on the rear of the vehicle, updated instructions for load discharge and cleaning process, and updated maintenance schedules, as identified in TB1811. The cost of reimbursement can be claimed from the dealer who will reimburse the owner at normal labor rates and any pre-agreed travel costs. The materials will be issued free of charge or if purchased prior to notice, will be reimbursed in full. The dealer will then claim the cost back from BMNA.
How Remedy Component Differs	The remedy component that BMNA plans to provide to dealers and owners

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from Recalled Component :	is a new pin provided by the manufacturer affiliate BML that is made from 17-4PH stainless steel, with a new part number identification stamped in the center mark. The high strength and anti-corrosion properties of this new material removes the requirement for an additional surface coating the pin.
Identify How/When Recall Condition was Corrected in Production :	The affected pin with the inferior coating (Rev B pin) was replaced by the manufacturer affiliate BML with a pin with an alternative coating (Rev C pin) in approximately January 2021.
Recall Schedule :	

Description of Recall Schedule :	Notices are being developed. Once the owner and dealer notices are
	completed and approved, BMNA will begin sending notifications out
	immediately.
Planned Dealer Notification Date :	NR - NR
Planned Owner Notification Date :	NR - NR

* NR - Not Reported

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