



Release Notes for APX™ SW8 Software

Released Version 09.88.00

6/4/2026

Models Affected

List of Features		X4™			Vector™					
		7300	7500	7700	8500	8600MT	8611MT	8700	8800MT	8811MT
1	MSM memory corruption mitigation enhancements	X	X	X	X	X	X	X	X	X
2	Implement proactive notification alarm A26166 Check Cooling System	X	X	X	X	X	X	X	X	X
3	Alarms A00021 and A00128 not reported in standby mode				X	X	X	X	X	X

Released Version 09.87.00

8/25/2025

Models Affected

List of Features		X4™			Vector™					
		7300	7500	7700	8500	8600MT	8611MT	8700	8800MT	8811MT
1	Correction for display reporting OLD SW when attempting to load SW098600	X	X	X	X	X	X	X	X	X
2	Auto-recover control system after performing software update if unsuccessful	X	X	X	X	X	X	X	X	X
3	Vector pretrip LIV alarm (P170) current limit change (1.0 to 0.2 A) when solar panel is configured				X	X	X	X	X	X
4	Adjustment to preheat logic (17.0 to 17.1A) to prevent false A00040 alarms.			X			X	X	X	
5	Fuel heat relay logic changes to improve cold start performance			X			X	X	X	

Released Version 09.86.00

3/7/2025

Models Affected

List of Features		X4™			Vector™					
		7300	7500	7700	8500	8600MT	8611MT	8700	8800MT	8811MT
1	Data recorder reported value correction	X	X	X	X	X	X	X	X	X



Release Notes for APX™ SW8 Software

Released Version 09.85.00

2/21/2024

Models Affected

List of Features	X4™			Vector™					
	7300	7500	7700	8500	8600MT	8611MT	8700	8800MT	8811MT
1 Update model number list		X	X	X	X	X	X	X	X
2 Select model screen blank	X	X	X	X	X	X	X	X	X
3 Current software version info in USB software install menu	X	X	X	X	X	X	X	X	X
4 Advance user mode access after remote software update	X	X	X	X	X	X	X	X	X
5 Added WIF sensor functionality									X
6 IntelliSleep selection					X			X	X
7 Intellisets file selection enhancements	X	X	X	X	X	X	X	X	X
8 PM maintenance alarms displayed in message center	X	X	X	X	X	X	X	X	X
9 Standby energy consumption (kWH) reporting for telematics				X	X	X	X	X	X
10 Remote software update enhancements	X	X	X	X	X	X	X	X	X
11 Engine fuel consumption data visibility via telematics							X	X	X
12 Electric fuel pump prime function from display			X				X	X	X
13 Engine shutdown alarm system response			X				X	X	X
14 Electric fuel pump functionality									X
15 C2/C3 evaporator model display selection									X
16 Remote data download file display improvement	X	X	X	X	X	X	X	X	X
17 A00238 Configuration error after loading intellisets	X	X	X	X	X	X	X	X	X
18 A00073 alarm during pretrip when No AC power is set to ferry			X				X	X	X
19 EES regen message on display for units without EES			X				X	X	X
20 Fuse alarm number and description change	X	X	X	X	X	X	X	X	X
21 A00238 Loss of configuration alarm handling	X	X	X	X	X	X	X	X	X
22 CSMV (low suction) control for rail application				X	X		X		
23 Vector second stage heat deactivation optimization				X	X		X		
24 CSMV start-stop null control with auxillary battery monitor	X	X	X						
25 Component test mode menu key functionality						X			X
26 C3 Heater contactor and motor overheat alarm handling					X	X		X	X
27 Electric fuel pump current draw limit change for pretrip			X				X	X	X
28 AC Voltage value on display correction				X	X	X	X	X	X



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29	Unknown USB message displayed when Carrier USB is inserted	X	X	X
30	USB data download/software upload improvements	X	X	X
31	Fuel saver default setting change to ECO			
32	3rd party door switch configuration			
33	CURB RAT/RRAT configuration options	X	X	X
34	IntelliSet support for "Region" configuration parameter	X	X	X
35	Power down event reduction when exiting config mode	X	X	X

X	X	X	X	X	X
X	X	X	X	X	X
			X	X	X
			X	X	X
X	X	X	X	X	X
X	X	X	X	X	X

Released Version **09.84.00**

Not released for NATT Production

Released Version **09.83.00**

3/4/2024

Models Affected

List of Features	X4™		
	7300	7500	7700
1 Leap day date calculation correction	X	X	X

Vector™					
8500	8600MT	8611MT	8700	8800MT	8811MT
X	X	X	X	X	X

Released Version **09.82.00**

2/23/2024

Models Affected

List of Features	X4™		
	7300	7500	7700
1 OTA software update improvements	X	X	X
2 System reset handling after USB download	X	X	X
3 Center divide MT C2 evap labeling			

Vector™					
8500	8600MT	8611MT	8700	8800MT	8811MT
X	X	X	X	X	X
X	X	X	X	X	X
		X			X



Release Notes for APX™ SW8 Software

Released Version 09.81.00

11/13/2023

Models Affected

List of Features		X4™			Vector™					
		7300	7500	7700	8500	8600MT	8611MT	8700	8800MT	8811MT
1	3rd party door switch configuration enabled			X				X	X	X
2	Update for remote compartment alarms when not configured as M				X	X	X	X	X	X

Released Version 09.80.00

10/2/2023

Models Affected

List of Features		X4™			Vector™					
		7300	7500	7700	8500	8600MT	8611MT	8700	8800MT	8811MT
1	Required for use with 12-00663-16 display	X	X	X	X	X	X	X	X	X
2	Intellisleep and Sleep mode settings available from display	X	X	X	X	X	X	X	X	X
3	UltraFreeze offset default setting changed to NO	X	X	X	X	X	X	X	X	X
4	Intellisleep selection response improvement	X	X	X	X	X	X	X	X	X
5	2-way command override of intellisleep setpoint lock	X	X	X	X	X	X	X	X	X
6	Pretrip start/end timestamp for 3rd party pretrip command	X	X	X	X	X	X	X	X	X
7	Coolant sensor alarm shutdown handling	X	X	X	X	X	X	X	X	X
8	Remote panel intellisleep menu display changes	X	X	X	X	X	X	X	X	X
9	Empty USB PROGRAM directory notification	X	X	X	X	X	X	X	X	X
10	Functional parameter set selection when parameter is not changed	X	X	X	X	X	X	X	X	X
11	Software family check for 2-way command software update	X	X	X	X	X	X	X	X	X
12	Component test mode functionality for heater contactors				X	X	X	X	X	X
13	EES configuration removed							X	X	X
14	Glow plug current draw pretrip and alarms value adjustment									X
15	CCB3 alarms enabled									X
16	Pretrip unloader test timing adjusted	X	X	X						
17	Leap year (2024) date calculation correction A00060	X	X	X	X	X	X	X	X	X



Release Notes for APX™ SW8 Software

Released Version 08.80.00

8/23/2023

Models Affected

List of Features		X4™			Vector™					
		7300	7500	7700	8500	8600MT	8611MT	8700	8800MT	8811MT
1	MSM response when display is restarted during 3rd party data download	X	X	X	X	X	X	X	X	X
2	Update Vector model list selection						X			X
3	MSM power down when unit is switched off						X			X
4	CAN error alarm reduction to prevent associated engine shutdown or failure to start			X			X	X	X	X
5	Vector condenser fan current limit adjustment (0.4 A Min - 3.0A Max)				X	X	X	X	X	X
6	Improved CAN message delivery for 3rd compartment						X			X