

# TSB-54-378-FTL – Fifth Gen Cascadia Maintenance Mode Horn Activation Correction

**Concern:** in maintenance mode may experience an issue where the rollaway mitigation horn sounds when the driver door is open or when the driver leaves the seat

The horn may also sound when the optional MSF horn-disable switch is pressed

Affected Models:  
Fifth Gen Cascadia

**Root Cause:** Parameter values in Vehicle Alert Controls may be set incorrectly

**Correction:** Adjust the following parameters to disabled:  
PVAC\_DrvDoor\_Hrn\_Alert (part number 045 457 27 58)  
PVAC\_PassDoor\_Hrn\_Alert (part number 040 457 33 58)

To verify, place the vehicle in maintenance mode and confirm the horn remains OFF

VAC Vehicle Alert Controls		A0294571458-002	VAC Default Domain ZGS 002
PVAC_Panic_Alert_Config	A0284574958-002		Interior and Exterior Light and Lock Output
PVAC_WinchBrk_Hrn_Enabled	(from parent)		Disabled
PVAC_BrkHld_Hrn_Enabled	A0394571658-001		Enable Driver Only
PVAC_DrvDoor_Hrn_Alert	(from parent)		Disabled
PVAC_PassDoor_Hrn_Alert	(from parent)		Disabled
PVAC_WorkBrk_Hrn_Enabled	(from parent)		Disabled
PVAC_PBWrn_seat	(from parent)		Disabled
PVAC_vac_Reserved05_U8	(from parent)		0
PVAC_vac_Reserved06_U8	(from parent)		0
PVAC_vac_Reserved07_U8	(from parent)		0
PVAC_vac_Reserved08_U8	(from parent)		0
PVAC_vac_Reserved09_U8	(from parent)		0

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Penske vehicle 535493 (VIN: WH9360)

Parameter	Part	Value	Units	M
<b>SSAM02T - Single SAM</b>				
RSS Emergency Stop	n/a			
RSS Remote Stop Start	A0374577258-001	Remote Stop Start Default Settings		
SFS Belt buckle contacts	A0334475458-001	SFS Belt Buckle Contacts - Enabled		
SFS Seat Occupancy Sensor	A0214431758-001	Seat Occupancy Sensor Enabled		
SSP Split Shaft PTO	n/a			
TCS - HW Config	A0334475058-001	TCS HW Config - Default		
TCS Trailer option pins	A0324476158-001	TCS Trailer Option Pins - Ign Sw, Act Low		
TMC Tow Mode Control	n/a			
TOC Backup switch	A0314476558-001	TOC Backup Switch - Automatic		
TOC Bottom of clutch switch stat	A0324470058-001	TOC Bottom of Clutch Switch Stat - Disabled		
TOC - FUSO Features				
TOC - HW Config	A0334477258-001	TOC HW Config - Default		
TOC Neutral switch	A0324470258-001	TOC Neutral Switch - NAVL		
TOC Top of clutch switch status	A0324472958-001	TOC Top of Clutch Switch - NAVL		
TOC Trans Temp Lookup Table				
TOC Transmission Temperature	A0144438158-001	TOC Trans Temp - No Oil Temp Sensing 43N		
VAC Vehicle Alert Controls	A0294571458-003	VAC Default Domain CEEA-CEEA+		
PVAC_Panic_Alert_Config	A0284574958-002	Interior and Exterio...		
PVAC_WinchBrk_Hrn_Enabled	(from parent)	Disabled		
PVAC_BrkHld_Hrn_Enabled	A0394571658-001	Enable Driver Only		
PVAC_DrvDoor_Hrn_Alert	(from parent)	Enabled		
PVAC_PassDoor_Hrn_Alert	(from parent)	Enabled		
PVAC_WorkBrk_Hrn_Enabled	(from parent)	Disabled		
PVAC_PBWrn_seat	(from parent)	Disabled		

[54-378 Maintenance Mode Horn Activation Correction - Technical Literature](#)