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Coding Information

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Title: ProStar with feature code 0008TSJ Auto Start Stop Troubleshooting

Applies To: ProStar

DESCRIPTION

Feature code 0008TSJ for auto start stop is a feature that will allow you to preset values in the body controller to allow the truck to start when the battery voltage or engine oil temperature reaches the preset value. For operators manual for auto start stop [CLICK HERE](#).

TROUBLESHOOTING

- For troubleshooting guide for auto start stop [CLICK HERE](#)
- Below are the updated Body Controller Auto Start Stop Default Settings, these settings provide optimal performance.

Y ID	Parameter	Value	Unit	Description	Cfg. Value	Cfg. Unit
2778	Auto_SS_AC_Pwr_Fuse		10A	Auto start stop no idle AC...	100	A/10
2774	Auto_SS_Acc_Pwr_Fuse		10A	Auto start stop accessory ...	100	A/10
2779	Auto_SS_Heat_Pwr_Fuse		10A	Auto start stop no idle he...	100	A/10
2775	Auto_SS_Ign_Pwr_Fuse		10A	Auto start stop ignition R...	100	A/10
2776	Auto_SS_Iso_Pwr_Fuse		10A	Auto start stop battery is...	100	A/10
2777	Auto_SS_Starter_Pwr_Fuse		10A	Auto start stop starter RP...	100	A/10
3032	Auto_SS_Ambient_Temp_CAP	56.019	F	The ambient temperature ab...	9163	K/32
2829	Auto_SS_Start_Temperature		50F	This parameter provides th...	10	C
2830	Auto_SS_Stop_Temperature		100.4	This parameter provides th...	38	C
2674	Auto_SS_Horn_Enable	☒	On/Off	Parameter to disable/enabl...	1	On/Off
2825	Eng_Oil_Temp_Enable	☒	On/Off	Parameter enables/disables...	1	On/Off
2530	Wait_To_Start_Bypass	☒	On/Off	Enables the wait to start ...	1	On/Off
3031	Auto_SS_Engine_CAP_Speed		1000	The engine speed below whi...	8000	REM/8
2743	Battery_High_Trip_Point		12.7	Trip point to indicate whe...	254	V/20
2536	Battery_Low_Trip_Point		12.1	Trip point to indicate whe...	242	V/20
2863	Auto_Start_Shutdown_Time		20	Amount of time after the i...	20	min
2537	Battery_Run_Time		70	Time that the engine will ...	70	min
2742	Engine_Run_Time		5	This parameter specifies t...	5	min
2862	High_Temperature_Time		1	Amount of time the engine ...	1	min
2861	Low_Temperature_Time		15	Amount of time the engine ...	15	min
2837	Cruise_Control_Enable_Param		1000	time used in engine ramp f...	100	timercounts
2838	Cruise_Control_Resume_Param		1500	timing for engine ramp for...	150	timercounts
2836	Cruise_Control_Set_Param		500	time used in engine ramp c...	50	timercounts
3030	Auto_SS_Engine_CAP_Delay		120	The amount of delay time t...	12000	timercounts
2538	Engine_Idle_Delay		90	Amount of time before the ...	9000	timercounts
2541	Engine_Ramp_Delay		5	Amount of delay time that ...	500	timercounts
2839	Key_Chk_Time		30	Specifies the maximum amou...	3000	timercounts
2571	Low_Battery_Time		30	This defines the amount of...	3000	timercounts

Applies to
International
engine only, for
ISX, leave
checkbox
unchecked

- For the correct engine parameter use ServiceMaxx and apply this [TEMPLATE](#)
- For circuit diagram for auto start stop [CLICK HERE](#)
- For troubleshooting use this [SESSION](#) in DLB. Save session to desktop then follow procedure to load the session in DLB
- How to load session in DLB [Click Here](#)

NOTE:

The Description starts in Section 7, page 27.

The Troubleshooting starts in Section 8, page 38.

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