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**Values to change to add Heated Steering Wheel (HSW)**

Step 1: Backup the ASBuilt of your current non-HSW SCCM before you swap it, once you swap the new HSW SCCM, write that ASBuilt backup to the new module

Step 2: Make the appropriate changes

(truck, they might not be correct for everyone!!)

**You need to compare what features you have as stock, then change to the corresponding value that includes the Bold Feature**

I.E. Looking at the first value below, if you had CFZ dual zone, SA, and RC all enabled from the factory and set to 6, you would change to 7 to enable HSW as well

**APIM**

				Climate Front Zones (CFZ) • Smart Auto (SA) • Rear Climate (RC) • Heated Steering Wheel (HSW)	
7D0-02-01	xxxx	*xxx	xx--	0 = CFZ Dual Zone • SA Disabled • RC Not Available • HSW Not Available (or Hard Button Control)	8 = CFZ Single Zone • SA Disabled • RC Not Available • HSW Not Available (or Hard Button Control)
502A	0616	420A	0244	1 = CFZ Dual Zone • SA Disabled • RC Not Available • HSW Available	9 = CFZ Single Zone • SA Disabled • RC Not Available • HSW Available
Need to see if 4 or 5 is the right one, currently have 4				2 = CFZ Dual Zone • SA Disabled • RC Available • HSW Not Available (or Hard Button Control)	A = CFZ Single Zone • SA Disabled • RC Available • HSW Not Available (or Hard Button Control)
				3 = CFZ Dual Zone • SA Disabled • RC Available • HSW Available	B = CFZ Single Zone • SA Disabled • RC Available • HSW Available
				4 = CFZ Dual Zone • SA Enabled • RC Not Available • HSW Not Available (or Hard Button Control)	C = CFZ Single Zone • SA Enabled • RC Not Available • HSW Not Available (or Hard Button Control)
				<b>5 = CFZ Dual Zone • SA Enabled • RC Not Available • HSW Available</b>	D = CFZ Single Zone • SA Enabled • RC Not Available • HSW Available
				6 = CFZ Dual Zone • SA Enabled • RC Available • HSW Not Available (or Hard Button Control)	E = CFZ Single Zone • SA Enabled • RC Available • HSW Not Available (or Hard Button Control)
				7 = CFZ Dual Zone • SA Enabled • RC Available • HSW Available	F = CFZ Single Zone • SA Enabled • RC Available • HSW Available

				Climate Auto Heated Steering Wheel (CAHSW) • Mirror Defrost (MD) • Front Dual Zone Dual / Link Button (FDZDLB)	
7D0-02-02	x*xx	xxxx	xx--	0 = CAHSW Disabled • MD Off • FDZDLB Dual Button	4 = CAHSW Enabled • MD Off • FDZDLB Dual Button
502A	0600	00D8	00B9	1 = CAHSW Disabled • MD Off • FDZDLB Link Button	5 = CAHSW Enabled • MD Off • FDZDLB Link Button
				2 = CAHSW Disabled • MD On • FDZDLB Dual Button	<b>6 = CAHSW Enabled • MD On • FDZDLB Dual Button</b>
				3 = CAHSW Disabled • MD On • FDZDLB Link Button	7 = CAHSW Enabled • MD On • FDZDLB Link Button

				Vehicle (V) *To enable climate IOD side screen to enable HSW from the screen ** Only needed if NOT installing HVAC controls with HSW button **	
7D0-03-02	**xx	xxxx	xx--	0B = V P702 - F150	<b>10 = V P558 - Super duty</b>
Did not do					

				Remote Start Climate Settings (RSCS) • Remote Start Driver Seat (RSDS) • Remote Start - Feature (RSF) • Remote Start Passenger Seat (RSPS)	
7D0-09-01	xxxx	xxxx	*x--	0 = RSCS Disabled • RSDS Disabled • RSF Disabled • RSPS Disabled	8 = RSCS Enabled • RSDS Disabled • RSF Disabled • RSPS Disabled
502A	6317	C2AC	FEC7	1 = RSCS Disabled • RSDS Disabled • RSF Disabled • RSPS Enabled	9 = RSCS Enabled • RSDS Disabled • RSF Disabled • RSPS Enabled
				2 = RSCS Disabled • RSDS Disabled • RSF Enabled • RSPS Disabled	A = RSCS Enabled • RSDS Disabled • RSF Enabled • RSPS Disabled
				3 = RSCS Disabled • RSDS Disabled • RSF Enabled • RSPS Enabled	B = RSCS Enabled • RSDS Disabled • RSF Enabled • RSPS Enabled
				4 = RSCS Disabled • RSDS Enabled • RSF Disabled • RSPS Disabled	C = RSCS Enabled • RSDS Enabled • RSF Disabled • RSPS Disabled
				5 = RSCS Disabled • RSDS Enabled • RSF Disabled • RSPS Enabled	D = RSCS Enabled • RSDS Enabled • RSF Disabled • RSPS Enabled
				6 = RSCS Disabled • RSDS Enabled • RSF Enabled • RSPS Disabled	E = RSCS Enabled • RSDS Enabled • RSF Enabled • RSPS Disabled
				7 = RSCS Disabled • RSDS Enabled • RSF Enabled • RSPS Enabled	<b>F = RSCS Enabled • RSDS Enabled • RSF Enabled • RSPS Enabled</b>

				Remote Start Rear Defrost (RSRD) • Remote Start Steering Wheel (RSSW) • Side Detect (SD) • Intelligent Speed Assistance (ISA)	
7D0-09-01	xxxx	xxxx	x*--	0 = RSRD Disabled • RSSW Disabled • SD Disabled • ISA Disabled	8 = RSRD Enabled • RSSW Disabled • SD Disabled • ISA Disabled
502A	6317	C2AC	FEC7	1 = RSRD Disabled • RSSW Disabled • SD Disabled • ISA Enabled	9 = RSRD Enabled • RSSW Disabled • SD Disabled • ISA Enabled
				2 = RSRD Disabled • RSSW Disabled • SD Enabled • ISA Disabled	A = RSRD Enabled • RSSW Disabled • SD Enabled • ISA Disabled
				3 = RSRD Disabled • RSSW Disabled • SD Enabled • ISA Enabled	B = RSRD Enabled • RSSW Disabled • SD Enabled • ISA Enabled
				4 = RSRD Disabled • RSSW Enabled • SD Disabled • ISA Disabled	C = RSRD Enabled • RSSW Enabled • SD Disabled • ISA Disabled
				5 = RSRD Disabled • RSSW Enabled • SD Disabled • ISA Enabled	D = RSRD Enabled • RSSW Enabled • SD Disabled • ISA Enabled
				6 = RSRD Disabled • RSSW Enabled • SD Enabled • ISA Disabled	<b>E = RSRD Enabled • RSSW Enabled • SD Enabled • ISA Disabled</b>
				7 = RSRD Disabled • RSSW Enabled • SD Enabled • ISA Enabled	F = RSRD Enabled • RSSW Enabled • SD Enabled • ISA Enabled

**HVAC**

				Heated Steering Wheel (HSW) • Heated Windscreen (HW) • Battery Pack Cooler (BPC) • Front In-car temp sensor (FI)	
733-01-02	xxx*	xxxx	xx--	0 = HSW Vehicle does NOT contain a HSW (Heated steering wheel) • HW Vehicle does NOT contain a Heated Windscreen (HWS) • BPC Vehicle does NOT contain a battery pack cooler • FI Front In-car sensor NOT present in vehicle	8 = HSW Vehicle contains a HSW (Heated steering wheel) • HW Vehicle does NOT contain a Heated Windscreen (HWS) • BPC Vehicle does NOT contain a battery pack cooler • FI Front In-car sensor NOT present in vehicle
502A	5A19	E771	838B	1 = HSW Vehicle does NOT contain a HSW (Heated steering wheel) • HW Vehicle does NOT contain a Heated Windscreen (HWS) • BPC Vehicle does NOT contain a battery pack cooler • FI Front In-car sensor present in vehicle	<b>9 = HSW Vehicle contains a HSW (Heated steering wheel) • HW Vehicle does NOT contain a Heated Windscreen (HWS) • BPC Vehicle does NOT contain a battery pack cooler • FI Front In-car sensor present in vehicle</b>
				2 = HSW Vehicle does NOT contain a HSW (Heated steering wheel) • HW Vehicle contains a battery pack cooler • FI Front In-car sensor NOT present in vehicle	A = HSW Vehicle contains a HSW (Heated steering wheel) • HW Vehicle does NOT contain a Heated Windscreen (HWS) • BPC Vehicle contains a battery pack cooler • FI Front In-car sensor NOT present in vehicle
				3 = Vehicle does NOT contain a Heated Windscreen (HWS) • BPC Vehicle contains a battery pack cooler • FI Front In-car sensor present in vehicle	B = HSW Vehicle contains a HSW (Heated steering wheel) • HW Vehicle does NOT contain a Heated Windscreen (HWS) • BPC Vehicle contains a battery pack cooler • FI Front In-car sensor present in vehicle
				4 = HSW Vehicle does NOT contain a HSW (Heated steering wheel) • HW Vehicle contains a Heated Windscreen (HWS) • BPC Vehicle does NOT contain a battery pack cooler • FI Front In-car sensor NOT present in vehicle	C = HSW Vehicle contains a HSW (Heated steering wheel) • HW Vehicle contains a Heated Windscreen (HWS) • BPC Vehicle does NOT contain a battery pack cooler • FI Front In-car sensor NOT present in vehicle
				5 = HSW Vehicle does NOT contain a HSW (Heated steering wheel) • HW Vehicle contains a Heated Windscreen (HWS) • BPC Vehicle does NOT contain a battery pack cooler • FI Front In-car sensor present in vehicle	D = HSW Vehicle contains a HSW (Heated steering wheel) • HW Vehicle contains a Heated Windscreen (HWS) • BPC Vehicle does NOT contain a battery pack cooler • FI Front In-car sensor present in vehicle
				6 = HSW Vehicle does NOT contain a HSW (Heated steering wheel) • HW Vehicle contains a Heated Windscreen (HWS) • BPC Vehicle contains a battery pack cooler • FI Front In-car sensor NOT present in vehicle	E = HSW Vehicle contains a HSW (Heated steering wheel) • HW Vehicle contains a Heated Windscreen (HWS) • BPC Vehicle contains a battery pack cooler • FI Front In-car sensor NOT present in vehicle
				7 = HSW Vehicle does NOT contain a HSW (Heated steering wheel) • HW Vehicle contains a Heated Windscreen (HWS) • BPC Vehicle contains a battery pack cooler • FI Front In-car sensor present in vehicle	F = HSW Vehicle contains a HSW (Heated steering wheel) • HW Vehicle contains a Heated Windscreen (HWS) • BPC Vehicle contains a battery pack cooler • FI Front In-car sensor present in vehicle

IPC					Heated and Cooled seats (HC) • Heated seats (H) • Heated Steering Wheel (HSW)				
720-05-02	*xxx	xx--			0 = HC disabled • H disabled • HSW disabled				4 = HC enabled • H disabled • HSW disabled
502A	5048	0FD5			1 = HC disabled • H disabled • HSW enabled				<b>5 = HC enabled • H disabled • HSW enabled</b>
					2 = HC disabled • H enabled • HSW disabled				6 = HC enabled • H enabled • HSW disabled
					3 = HC disabled • H enabled • HSW enabled				7 = HC enabled • H enabled • HSW enabled
SCCM					HSW = Heated Steering Wheel				
724-01-01	xxxx	*xxx	--		0 = Disable				<b>8 = Enable</b>
502A	0840	8C70	71						
	0800	9070	35		<b>My Settings - this effects blink count (4)</b>				
					SW_Switch_LH_Cfg (SWSLHC)				
724-03-01	**xx	xxxx	--		00= SWSLHC No Switch				02= SWSLHC ML3T-9E740-C*
502A	0301	0000	33		01= SWSLHC ML3T-9E740-A*				<b>03= SWSLHC ML3T-9E740-D* ** If added Adaptive Cruise Control Switch **</b>
					HSW_Level_3_TempSetPt (HSWLTSP)				
724-06-01	*xxx	xxxx	--		0 = HSWLTSP 24°C				8 = HSWLTSP 32°C
502A	B000	0019	FB		1 = HSWLTSP 25°C				9 = HSWLTSP 33°C
					2 = HSWLTSP 26°C				A = HSWLTSP 34°C
					3 = HSWLTSP 27°C				<b>B = HSWLTSP 35°C</b>
					4 = HSWLTSP 28°C				C = HSWLTSP 36°C
					5 = HSWLTSP 29°C				D = HSWLTSP 37°C
					6 = HSWLTSP 30°C				E = HSWLTSP 38°C
					7 = HSWLTSP 31°C				F = HSWLTSP 39°C
					HSW_AutoShutOffTime (HSWASOT)				
724-06-01	x*xx	xxxx	--		<b>0 = HSWASOT Off (No AutoShutOff)</b>				4 = HSWASOT 30 min
502A	B000	0019	FB		1 = HSWASOT 10 min				5 = HSWASOT 40 min
					2 = HSWASOT 15 min				6 = HSWASOT 50 min
					3 = HSWASOT 20 min				7 = HSWASOT 60 min