

## Usa Ford **V38.00** Diagnostics List (Note:For reference only)

Year	Vehicle	System	Protocol	Functions								
				Sys. Info.	Read code	Clear code	Data stream	Actuation	Special functions	Others		
	CAB FWD,LOW CAB FWD 4.5L	ABS	HSCAN	√	√	√	√					
		PCM	HSCAN	√	√	√	√		S1			
		TCM	HSCAN	√	√	√	√					
	CROWN VICTORIA 4.6L	ABS	HSCAN	√	√	√	√					
		ICM	HSCAN	√	√	√	√	√				
		PCM	HSCAN	√	√	√	√		S1			
		DDM	ISO	√	√	√	√					
		EATC	PWM	√	√	√	√					
		LCM	ISO	√	√	√	√					
		MCM	PWM	√	√	√	√					
		VDM	HSCAN	√	√	√	√					
		RCM	ISO	√	√	√	√					
		EDGE 3.5L	ABS	HSCAN	√	√	√	√				
			ICM	HSCAN	√	√	√	√	√			
	PCM		HSCAN	√	√	√	√		S1			
	RCM		HSCAN	√	√	√	√					
	4X4		HSCAN	√	√	√	√					
	ACMN		MCAN	√	√	√	√					
	APIM		HSCAN		√	√	√					
	DSM		MCAN	√	√	√	√					
	GEM		MCAN	√	√	√	√					
	HVAC		MCAN		√	√						
	LTM	MCAN	√	√	√	√						

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Year	Vehicle	System	Protocol	Functions						
				Sys. Info.	Read code	Clear code	Data stream	Actuation	Special functions	Others
		OCS	HSCAN	√	√	√	√			
		PAM	MCAN		√	√	√			
		RETM	MCAN	√	√	√	√			
		SDARS	MCAN	√	√	√	√			
	ESCAPE/MARINER 2.5L	4X4	HSCAN	√	√	√	√			
		ABS	HSCAN		√	√	√			
		ACMN	MSCAN	√	√	√	√			
		APIM	HSCAN		√	√	√			
		BCM	HSCAN	√	√	√	√			
		FCIM	MSCAN		√	√	√			
		ICM	HSCAN	√	√	√	√	√		
		FDIM	MSCAN		√	√	√			
		GEM	MCAN	√	√	√	√			
		HVAC	MCAN		√	√				
		OCS	HSCAN	√	√	√	√			
		PAM	ISO	√	√	√	√			
		PSCM	HSCAN		√	√	√			
		PCM	HSCAN	√	√	√	√		S1	
		RCM	HSCAN	√	√	√	√			
		SDAR	MSCAN	√	√	√	√			
	TCM	HSCAN	√	√	√	√				
	4X4	HSCAN	√	√	√	√				
	ABS	HSCAN	√	√	√	√				

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Year	Vehicle	System	Protocol	Functions						
				Sys. Info.	Read code	Clear code	Data stream	Actuation	Special functions	Others
	ESCAPE/MARINER 3.0L	ACMN	MSCAN	√	√	√	√			
		APIM	HSCAN		√	√	√			
		BCM	HSCAN	√	√	√	√			
		FCIM	MSCAN		√	√	√			
		<b>ICM</b>	<b>HSCAN</b>	√	√	√	√	<b>√</b>		
		FDIM	MSCAN		√	√	√			
		GEM	MCAN	√	√	√	√			
		HVAC	MCAN		√	√				
		OCS	HSCAN	√	√	√	√			
		PAM	ISO	√	√	√	√			
		PSCM	HSCAN		√	√	√			
		PCM	HSCAN	√	√	√	√		S1	
		RCM	HSCAN	√	√	√	√			
		SDARS	MSCAN	√	√	√	√			
		TCM	HSCAN	√	√	√	√			
	4X4	HSCAN	√	√	√	√				
	ABS	HSCAN	√	√	√	√				
	ACMN	MSCAN	√	√	√	√		S1		
	APIM	HSCAN		√	√	√				
	BCM	HSCAN	√	√	√	√				
	FCIM	MSCAN		√	√	√				
	<b>ICM</b>	<b>HSCAN</b>	√	√	√	√	<b>√</b>			
	FDIM	MSCAN		√	√	√				

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Year	Vehicle	System	Protocol	Functions						
				Sys. Info.	Read code	Clear code	Data stream	Actuation	Special functions	Others
	ESCAPE HEV 2.5L	GEM	MCAN	√	√	√	√			
		HVAC	MCAN		√	√				
		OCS	HSCAN	√	√	√	√			
		PAM	ISO	√	√	√	√			
		PSCM	HSCAN		√	√	√			
		PCM	HSCAN	√	√	√	√		S1	
		RCM	HSCAN	√	√	√	√			
		SDARS	MSCAN	√	√	√	√			
		TCM	HSCAN	√	√	√	√			
	ESCAPE HEV 3.0L	PCM	PWM	√	√	√	√			
		PAM	ISO	√	√	√	√			
	E-SERIES 4.6L	ABS	HSCAN	√	√	√	√			
		PCM	HSCAN	√	√	√	√		S1	
		RCM	HSCAN	√	√	√	√			
		ACMN	MSCAN	√	√	√	√		S1	
		GEM	MSCAN	√	√	√	√			
		IPC	HSCAN		√	√	√			
		PAM	MSCAN		√	√	√			
	E-SERIES 5.4L	TBC	HSCAN	√	√	√	√			
		ABS	HSCAN	√	√	√	√			
		PCM	HSCAN	√	√	√	√		S1	
		RCM	HSCAN	√	√	√	√			
		ACMN	MSCAN	√	√	√	√			

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Year	Vehicle	System	Protocol	Functions						
				Sys. Info.	Read code	Clear code	Data stream	Actuation	Special functions	Others
	E-SERIES 5.4L	GEM	MSCAN	√	√	√	√			
		IPC	HSCAN		√	√	√			
		PAM	MSCAN		√	√	√			
		TBC	HSCAN	√	√	√	√			
	E-SERIES 6.0L	ABS	HSCAN	√	√	√	√			
		PCM	HSCAN	√	√	√	√		S1	
		RCM	HSCAN	√	√	√	√			
		ACMN	MSCAN	√	√	√	√			
		GEM	MSCAN	√	√	√	√			
		IPC	HSCAN		√	√	√			
		PAM	MSCAN		√	√	√			
		TBC	HSCAN	√	√	√	√			
		TCM	HSCAN	√	√	√	√			
		E-SERIES 6.8L	ABS	HSCAN	√	√	√	√		
	PCM		HSCAN	√	√	√	√		S1	
	RCM		HSCAN	√	√	√	√			
	ACMN		MSCAN	√	√	√	√			
	GEM		MSCAN	√	√	√	√			
	IPC		HSCAN		√	√	√			
	PAM		MSCAN		√	√	√			
	TBC		HSCAN	√	√	√	√			
		4X4	HSCAN	√	√	√	√			
		ABS	HSCAN	√	√	√	√			

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Year	Vehicle	System	Protocol	Functions						
				Sys. Info.	Read code	Clear code	Data stream	Actuation	Special functions	Others
	EXPIDITION 5.4L	ACMN	MSCAN	√	√	√	√			
		APIM	HSCAN		√	√	√			
		DSM	MSCAN	√	√	√	√			
		DSP	MSCAN		√	√	√			
		GEM	MSCAN	√	√	√	√			
		HVAC	MSCAN		√	√				
		<b>ICM</b>	<b>HSCAN</b>	√	√	√	√	√		
		LTM	MSCAN	√	√	√	√			
		PAM	MSCAN		√	√	√			
		PCM	HSCAN	√	√	√	√		S1	
		PRB	MSCAN	√	√	√	√			
		VDM	HSCAN	√	√	√	√			
		RCM	HSCAN	√	√	√	√			
		RETM	MSCAN	√	√	√	√			
		SDARS	MSCAN	√	√	√	√			
	TCM	HSCAN	√	√	√	√				
	4X4	HSCAN	√	√	√	√				
	ABS	HSCAN	√	√	√	√				
	ACMN	MSCAN	√	√	√	√				
	APIM	HSCAN		√	√	√				
	DSM	MSCAN	√	√	√	√				
	DSP	MSCAN		√	√	√				
	GEM	MSCAN	√	√	√	√				

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Year	Vehicle	System	Protocol	Functions						
				Sys. Info.	Read code	Clear code	Data stream	Actuation	Special functions	Others
	EXPEDITION EL 5.4L	HVAC	MSCAN		√	√	√			
		ICM	HSCAN	√	√	√	√	√		
		LTM	MSCAN	√	√	√	√			
		PAM	MSCAN		√	√	√			
		PCM	HSCAN	√	√	√	√		S1	
		PRB	MSCAN	√	√	√	√			
		VDM	HSCAN	√	√	√	√			
		RCM	HSCAN	√	√	√	√			
		RETM	MSCAN	√	√	√	√			
		SDARS	MSCAN	√	√	√	√			
	TCM	HSCAN	√	√	√	√				
	EXPLORER 4.0L	4X4	HSCAN	√	√	√	√			
		ABS	HSCAN	√	√	√	√			
		ACMN	MSCAN	√	√	√	√			
		APIM	HSCAN		√	√	√			
		DSM	MSCAN	√	√	√	√			
		GEM	MSCAN	√	√	√	√			
		HVAC	MSCAN		√	√	√			
		ICM	HSCAN	√	√	√	√			
		OCS	HSCAN	√	√	√	√			
PAM		MSCAN		√	√	√				
PCM	HSCAN	√	√	√	√		S1			
PRB	MSCAN	√	√	√	√					

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Year	Vehicle	System	Protocol	Functions						
				Sys. Info.	Read code	Clear code	Data stream	Actuation	Special functions	Others
		RCM	HSCAN	√	√	√	√			
		RETM	MSCAN	√	√	√	√			
		SDARS	MSCAN	√	√	√	√			
		TCM	HSCAN	√	√	√	√			
	EXPLORER 4.6L	4X4	HSCAN	√	√	√	√			
		ABS	HSCAN	√	√	√	√			
		ACMN	MSCAN	√	√	√	√			
		APIM	HSCAN		√	√	√			
		DSM	MSCAN	√	√	√	√			
		GEM	MSCAN	√	√	√	√			
		HVAC	MSCAN		√	√	√			
		ICM	HSCAN	√	√	√	√	√		
		OCS	HSCAN	√	√	√	√			
		PAM	MSCAN		√	√	√			
		PCM	HSCAN	√	√	√	√			
		PRB	MSCAN	√	√	√	√		S1	
		RCM	HSCAN	√	√	√	√			
		RETM	MSCAN	√	√	√	√			
		SDARS	MSCAN	√	√	√	√			
		TCM	HSCAN	√	√	√	√			
		ABS	HSCAN	√	√	√	√			
		ICM	HSCAN	√	√	√	√	√		
		PCM	HSCAN	√	√	√	√		S1	



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Year	Vehicle	System	Protocol	Functions						
				Sys. Info.	Read code	Clear code	Data stream	Actuation	Special functions	Others
	EXPLORER SPORTTR 4.0L	RCM	HSCAN	√	√	√	√			
		4X4	HSCAN	√	√	√	√			
		ACMN	MSCAN	√	√	√	√			
		APIM	HSCAN		√	√	√			
		GEM	MSCAN	√	√	√	√			
		HVAC	MSCAN		√	√	√			
		OCS	HSCAN	√	√	√	√			
		PAM	MSCAN		√	√	√			
		RETM	MSCAN	√	√	√	√			
		SDARS	MSCAN	√	√	√	√			
	TCM	HSCAN	√	√	√	√				
	EXPLORER SPORTTR 4.6L	ABS	HSCAN	√	√	√	√			
		ICM	HSCAN	√	√	√	√	√		
		PCM	HSCAN	√	√	√	√		S1	
		RCM	HSCAN	√	√	√	√			
		4X4	HSCAN	√	√	√	√			
		ACMN	MSCAN	√	√	√	√			
		APIM	HSCAN		√	√	√			
		GEM	MSCAN	√	√	√	√			
		HVAC	MSCAN		√	√	√			
OCS		HSCAN	√	√	√	√				
PAM	MSCAN		√	√	√					
RETM	MSCAN	√	√	√	√					

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Year	Vehicle	System	Protocol	Functions						
				Sys. Info.	Read code	Clear code	Data stream	Actuation	Special functions	Others
F-150 4.6L		SDARS	MSCAN	√	√	√	√			
		TCM	HSCAN	√	√	√	√			
	F-150 4.6L	ABS	HSCAN	√	√	√	√			
		ICM	HSCAN	√	√	√	√	√		
		PCM	HSCAN	√	√	√	√		S1	
		RCM	HSCAN	√	√	√	√			
		TCM	HSCAN	√	√	√	√			
		ACMN	MSCAN	√	√	√	√			
		APIM	HSCAN		√	√	√			
		DSM	MSCAN	√	√	√	√			
		DSP	MSCAN		√	√	√			
		FCIM	MSCAN		√	√	√			
		FDIM	MSCAN		√	√	√			
		GEM/SJB	MSCAN	√	√	√	√			
		HVAC	MSCAN		√	√	√			
		OCS	HSCAN	√	√	√	√			
		PAM	MSCAN		√	√	√			
		PRB	MSCAN	√	√	√	√			
		TBC	HSCAN	√	√	√	√			
		F-150 4.6L	ABS	HSCAN	√	√	√	√	√	
	ICM		HSCAN	√	√	√	√			
	PCM		HSCAN	√	√	√	√		S1	
	RCM		HSCAN	√	√	√	√			

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Year	Vehicle	System	Protocol	Functions						
				Sys. Info.	Read code	Clear code	Data stream	Actuation	Special functions	Others
	F-150 5.4L	TCM	HSCAN	√	√	√	√			
		ACMN	MSCAN	√	√	√	√			
		APIM	HSCAN		√	√	√			
		DSM	MSCAN	√	√	√	√			
		DSP	MSCAN		√	√	√			
		FCIM	MSCAN		√	√	√			
		FDIM	MSCAN		√	√	√			
		GEM/SJB	MSCAN	√	√	√	√			
		HVAC	MSCAN		√	√	√			
		OCS	HSCAN	√	√	√	√			
		PAM	MSCAN		√	√	√			
		PRB	MSCAN	√	√	√	√			
	TBC	HSCAN	√	√	√	√				
	FLEX 3.5L	4X4	HSCAN	√	√	√	√			
		ABS	HSCAN	√	√	√	√			
		ICM	HSCAN	√	√	√	√	√		
		PCM	HSCAN	√	√	√	√		S1	
		RCM	HSCAN	√	√	√	√			
		ACMN	MSCAN	√	√	√	√			
		APIM	HSCAN		√	√	√			
		DSM	MSCAN	√	√	√	√			
		DSP	MSCAN		√	√	√			
FCIM		MSCAN		√	√	√				

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Year	Vehicle	System	Protocol	Functions						
				Sys. Info.	Read code	Clear code	Data stream	Actuation	Special functions	Others
		FDIM	MSCAN		√	√	√			
		GEM	MSCAN	√	√	√	√			
		HVAC	MSCAN	√	√	√	√			
		LTM	MSCAN	√	√	√	√			
		OCS	HSCAN	√	√	√	√			
		PAM	MSCAN	√	√	√	√			
		RETM	MSCAN	√	√	√	√			
	FOCUS 2.0L	ABS	HSCAN	√	√	√	√			
		ICM	HSCAN	√	√	√	√	√		
		PCM	HSCAN	√	√	√	√		S1	
		RCM	HSCAN	√	√	√	√			
		ACMN	MSCAN	√	√	√	√			
		APIM	HSCAN		√	√	√			
		FCIM	MSCAN		√	√	√			
		FDIM	MSCAN		√	√	√			
		GEM	MSCAN	√	√	√	√			
		HVAC	MSCAN	√	√	√	√			
		OCS	HSCAN	√	√	√	√			
	FORD MOTOR HOME 6.8L	ABS	ISO	√	√	√	√			
		ICM	HSCAN	√	√	√	√	√		
		PCM	HSCAN	√	√	√	√		S1	
	ABS	HSCAN	√	√	√	√				
	ICM	HSCAN	√	√	√	√	√			

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Year	Vehicle	System	Protocol	Functions						
				Sys. Info.	Read code	Clear code	Data stream	Actuation	Special functions	Others
	F-SERIES SUPER D 5. 4L	PCM	HSCAN	√	√	√	√		S1	
		RCM	HSCAN	√	√	√	√			
		PAM	ISO	√	√	√	√			
		4X4	ISO	√	√	√	√			
		APIM	HSCAN		√	√	√			
		DSM	MSCAN	√	√	√	√			
		GEM	MSCAN	√	√	√	√			
		HVAC	MSCAN		√	√	√			
		RETM	MSCAN	√	√	√	√			
		SDARS	MSCAN	√	√	√	√			
		TBC	HSCAN	√	√	√	√			
		ACMN	MSCAN	√	√	√	√			
	F-SERIES SUPER D 6. 4L	ABS	HSCAN	√	√	√	√			
		ICM	HSCAN	√	√	√	√	√		
		PCM	HSCAN	√	√	√	√		S1	
		RCM	HSCAN	√	√	√	√			
		PAM	ISO	√	√	√	√			
		4X4	ISO	√	√	√	√			
		APIM	HSCAN		√	√	√			
		DSM	MSCAN	√	√	√	√			
		GEM	MSCAN	√	√	√	√			
		HVAC	MSCAN		√	√	√			
RETM	MSCAN	√	√	√	√					

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Year	Vehicle	System	Protocol	Functions						
				Sys. Info.	Read code	Clear code	Data stream	Actuation	Special functions	Others
		SDARS	MSCAN	√	√	√	√			
		TBC	HSCAN	√	√	√	√			
		ACMN	MSCAN	√	√	√	√			
	F-SERIES SUPER D 6.8L	ABS	HSCAN	√	√	√	√			
		ICM	HSCAN	√	√	√	√	√		
		PCM	HSCAN	√	√	√	√		S1	
		RCM	HSCAN	√	√	√	√			
		PAM	ISO	√	√	√	√			
		4X4	ISO	√	√	√	√			
		APIM	HSCAN		√	√	√			
		DSM	MSCAN	√	√	√	√			
		GEM	MSCAN	√	√	√	√		S1	
		HVAC	MSCAN		√	√	√			
		RETM	MSCAN	√	√	√	√			
		SDARS	MSCAN	√	√	√	√			
		TBC	HSCAN	√	√	√	√			
		ACMN	MSCAN	√	√	√	√			
		ABS	HSCAN	√	√	√	√			
		ICM	HSCAN	√	√	√	√	√		
		PCM	HSCAN	√	√	√	√		S1	
		RCM	HSCAN	√	√	√	√			
		PAM	ISO	√	√	√	√			
		4X4	ISO	√	√	√	√			

## Usa Ford **V38.00** Diagnostics List (Note:For reference only)

Year	Vehicle	System	Protocol	Functions						
				Sys. Info.	Read code	Clear code	Data stream	Actuation	Special functions	Others
2009	F-SERIES SUPER D 250-550 5.4L	APIM	HSCAN		√	√	√			
		DSM	MSCAN	√	√	√	√			
		GEM	MSCAN	√	√	√	√			
		HVAC	MSCAN		√	√	√		S1	
		RETM	MSCAN	√	√	√	√			
		SDARS	MSCAN	√	√	√	√			
		TBC	HSCAN	√	√	√	√			
		ACMN	MSCAN	√	√	√	√			
	F-SERIES SUPER D 250-550 6.4L	ABS	HSCAN	√	√	√	√			
		ICM	HSCAN	√	√	√	√	√		
		PCM	HSCAN	√	√	√	√		S1	
		RCM	HSCAN	√	√	√	√			
		PAM	ISO	√	√	√	√			
		4X4	ISO	√	√	√	√			
		APIM	HSCAN		√	√	√			
		DSM	MSCAN	√	√	√	√			
		GEM	MSCAN	√	√	√	√			
		HVAC	MSCAN		√	√	√			
		RETM	MSCAN	√	√	√	√			
		SDARS	MSCAN	√	√	√	√			
		TBC	HSCAN	√	√	√	√			
		ACMN	MSCAN	√	√	√	√			
		ABS	HSCAN	√	√	√	√			

## Usa Ford **V38.00** Diagnostics List (Note:For reference only)

Year	Vehicle	System	Protocol	Functions						
				Sys. Info.	Read code	Clear code	Data stream	Actuation	Special functions	Others
	F-SERIES SUPER D 250-550 6.8L	ICM	HSCAN	√	√	√	√	√		
		PCM	HSCAN	√	√	√	√		S1	
		RCM	HSCAN	√	√	√	√			
		PAM	ISO	√	√	√	√			
		4X4	ISO	√	√	√	√			
		APIM	HSCAN		√	√	√			
		DSM	MSCAN	√	√	√	√			
		GEM	MSCAN	√	√	√	√			
		HVAC	MSCAN		√	√	√			
		RETM	MSCAN	√	√	√	√		S1	
		SDARS	MSCAN	√	√	√	√			
		TBC	HSCAN	√	√	√	√			
	ACMN	MSCAN	√	√	√	√				
	FUSION 2.3L	ABS	HSCAN	√	√	√	√			
		ICM	HSCAN	√	√	√	√	√		
		PCM	HSCAN	√	√	√	√		S1	
		RCM	HSCAN	√	√	√	√			
		4X4	HSCAN	√	√	√	√			
		ACMN	MSCAN	√	√	√	√			
		APIM	HSCAN		√	√	√			
HVAC		MSCAN		√	√					
GEM	MSCAN	√	√	√	√					
OCS	HSCAN	√	√	√						



## Usa Ford **V38.00** Diagnostics List (Note:For reference only)

Year	Vehicle	System	Protocol	Functions						
				Sys. Info.	Read code	Clear code	Data stream	Actuation	Special functions	Others
	FUSION 3.0L	PAM	MSCAN		√	√	√			
		SDARS	MSCAN	√	√	√	√			
		TCM	HSCAN	√	√	√	√			
		ABS	HSCAN	√	√	√	√			
		ICM	HSCAN	√	√	√	√	√		
		PCM	HSCAN	√	√	√	√		S1	
		RCM	HSCAN	√	√	√	√			
		ACMN	MSCAN	√	√	√	√			
		APIM	HSCAN		√	√	√			
		HVAC	MSCAN		√	√				
		GEM	MSCAN	√	√	√	√		S1	
		OCS	HSCAN	√	√	√				
		PAM	MSCAN		√	√	√			
		SDARS	MSCAN	√	√	√	√			
		TCM	HSCAN	√	√	√	√			
	GRAND MARQUIS 4.6L	ABS	HSCAN	√	√	√	√			
		ICM	HSCAN	√	√	√	√	√		
		PCM	HSCAN	√	√	√	√		S1	
		RCM	ISO	√	√	√	√			
		DDM	ISO	√	√	√	√			
		EATC	PWM	√	√	√	√			
		LCM	ISO	√	√	√	√			
		MCM	PWM	√	√	√	√			

## Usa Ford **V38.00** Diagnostics List (Note:For reference only)

Year	Vehicle	System	Protocol	Functions						
				Sys. Info.	Read code	Clear code	Data stream	Actuation	Special functions	Others
		VDM	HSCAN	√	√	√	√			
		ABS	HSCAN	√	√	√	√			
		PCM	HSCAN	√	√	√	√		S1	
		RCM	HSCAN	√	√	√	√			
		4X4	HSCAN	√	√	√	√			
		ACMN	MSCAN	√	√	√	√			
		APIM	HSCAN		√	√	√			
		C_CM	HSCAN		√	√	√			
		DDM	MSCAN	√	√	√	√			
		DSM	MSCAN	√	√	√	√			
		DSP	MSCAN		√	√	√			
		FCIM	MSCAN		√	√	√			
		FDIM	MSCAN		√	√	√			
		GEM	MSCAN	√	√	√	√			
		HCM	HSCAN		√	√	√			
		HVAC	MSCAN		√	√	√			
		IPC	MSCAN		√	√	√			
		OCS	HSCAN	√	√	√	√			
		PAM	MSCAN		√	√	√			
		RFA	MSCAN		√	√	√			
	LINCOLN MKS 3.7L	ABS	HSCAN	√	√	√	√			
		ICM	HSCAN	√	√	√	√	√		
		PCM	HSCAN	√	√	√	√		S1	

## Usa Ford **V38.00** Diagnostics List (Note:For reference only)

Year	Vehicle	System	Protocol	Functions						
				Sys. Info.	Read code	Clear code	Data stream	Actuation	Special functions	Others
	LINCOLN MKX 3.5L	RCM	HSCAN	√	√	√	√			
		4X4	HSCAN	√	√	√	√			
		ACMN	MSCAN	√	√	√	√			
		APIM	HSCAN		√	√	√			
		DSM	MSCAN	√	√	√	√			
		DSP	MSCAN		√	√	√			
		GEM	MSCAN	√	√	√	√			
		HCM	HSCAN		√	√	√			
		HVAC	MSCAN		√	√				
		LTM	MSCAN	√	√	√	√			
		OCS	HSCAN	√	√	√	√			
		PAM	MSCAN		√	√	√			
		RETM	MSCAN	√	√	√	√			
		SDARS	MSCAN	√	√	√	√			
	LINCOLN MKZ 3.5L	4X4	HSCAN	√	√	√	√			
		ABS	HSCAN	√	√	√	√			
		ICM	HSCAN	√	√	√	√	√		
		PCM	HSCAN	√	√	√	√		S1	
		RCM	HSCAN	√	√	√	√			
		ACMN	MSCAN	√	√	√	√			
		APIM	HSCAN		√	√	√			
		DDM	MSCAN	√	√	√	√			
		DSM	MSCAN	√	√	√	√			

## Usa Ford **V38.00** Diagnostics List (Note:For reference only)

Year	Vehicle	System	Protocol	Functions						
				Sys. Info.	Read code	Clear code	Data stream	Actuation	Special functions	Others
		DSP	MSCAN		√	√	√			
		GEM	MSCAN	√	√	√	√			
		HVAC	MSCAN		√	√				
		OCS	HSCAN	√	√	√				
		PAM	MSCAN		√	√	√			
		SDARS	MSCAN	√	√	√	√			
		TCM	HSCAN	√	√	√	√			
	MARINER 2.5L	ABS	HSCAN	√	√	√	√			
		ICM	HSCAN	√	√	√	√	√		
		PCM	HSCAN	√	√	√	√		S1	
		RCM	HSCAN	√	√	√	√			
		4X4	HSCAN	√	√	√	√			
		ACMN	MSCAN	√	√	√	√			
		APIM	HSCAN		√	√	√			
		BCM	HSCAN	√	√	√	√			
		FCIM	MSCAN		√	√	√			
		FDIM	MSCAN		√	√	√			
		GEM	MSCAN	√	√	√	√			
		HVAC	MSCAN		√	√				
		OCS	HSCAN	√	√	√	√			
		PAM	ISO	√	√	√	√			
		PSCM	HSCAN		√	√				
		TCM	HSCAN	√	√	√	√			

## Usa Ford **V38.00** Diagnostics List (Note:For reference only)

Year	Vehicle	System	Protocol	Functions						
				Sys. Info.	Read code	Clear code	Data stream	Actuation	Special functions	Others
	MARINER 3.0L	ABS	HSCAN	√	√	√	√			
		ICM	HSCAN	√	√	√	√	√		
		PCM	HSCAN	√	√	√	√		S1	
		RCM	HSCAN	√	√	√	√			
		4X4	HSCAN	√	√	√	√			
		ACMN	MSCAN	√	√	√	√			
		APIM	HSCAN		√	√	√			
		BCM	HSCAN	√	√	√	√			
		FCIM	MSCAN		√	√	√			
		FDIM	MSCAN		√	√	√			
		GEM	MSCAN	√	√	√	√			
		HVAC	MSCAN		√	√				
		OCS	HSCAN	√	√	√	√			
		PAM	ISO	√	√	√	√			
		PSCM	HSCAN		√	√				
	TCM	HSCAN	√	√	√	√				
	ABS	HSCAN	√	√	√	√				
	ICM	HSCAN	√	√	√	√	√			
	PCM	HSCAN	√	√	√	√		S1		
	RCM	HSCAN	√	√	√	√				
	4X4	HSCAN	√	√	√	√				
	ACMN	MSCAN	√	√	√	√				
	APIM	HSCAN		√	√	√				

## Usa Ford **V38.00** Diagnostics List (Note:For reference only)

Year	Vehicle	System	Protocol	Functions						
				Sys. Info.	Read code	Clear code	Data stream	Actuation	Special functions	Others
	MARINER HEV 2.5L	BCM	HSCAN	√	√	√	√			
		FCIM	MSCAN		√	√	√			
		FDIM	MSCAN		√	√	√			
		GEM	MSCAN	√	√	√	√			
		HVAC	MSCAN		√	√				
		OCS	HSCAN	√	√	√	√			
		PAM	ISO	√	√	√	√			
		PSCM	HSCAN		√	√				
		SDAR	MSCAN	√	√	√	√			
	TCM	HSCAN	√	√	√	√				
	MARINER HEV 3.0L	PCM	PWM	√	√	√	√			
		PAM	ISO	√	√	√	√			
	MILAN 2.3L	ABS	HSCAN	√	√	√	√			
		ICM	HSCAN	√	√	√	√	√		
		PCM	HSCAN	√	√	√	√		S1	
		RCM	HSCAN	√	√	√	√			
		4X4	HSCAN	√	√	√	√			
		ACMN	MSCAN	√	√	√	√			
		APIM	HSCAN		√	√	√			
		GEM	MSCAN	√	√	√	√			
HVAC		MSCAN		√	√					
OCS		HSCAN	√	√	√					
PAM		MSCAN		√	√	√				

## Usa Ford **V38.00** Diagnostics List (Note:For reference only)

Year	Vehicle	System	Protocol	Functions						
				Sys. Info.	Read code	Clear code	Data stream	Actuation	Special functions	Others
		SDARS	MSCAN	√	√	√	√			
		TCM	HSCAN	√	√	√	√			
	Milan 3.0L	ABS	HSCAN	√	√	√	√			
		ICM	HSCAN	√	√	√	√	√		
		PCM	HSCAN	√	√	√	√		S1	
		RCM	HSCAN	√	√	√	√			
		4X4	HSCAN	√	√	√	√			
		ACMN	MSCAN	√	√	√	√			
		APIM	HSCAN		√	√	√			
		GEM/SJB	MSCAN	√	√	√	√			
		HVAC	MSCAN		√	√				
		OCS	HSCAN	√	√	√			S1	
		PAM	MSCAN		√	√	√			
		SDARS	MSCAN	√	√	√	√			
		TCM	HSCAN	√	√	√	√			
		MOUNTAINEER 4.0L	ABS	HSCAN	√	√	√	√		
	ICM		HSCAN	√	√	√	√	√		
	PCM		HSCAN	√	√	√	√		S1	
	RCM		HSCAN	√	√	√	√			
	4X4		HSCAN	√	√	√	√			
	ACMN		MSCAN	√	√	√	√			
	APIM		HSCAN		√	√	√			
	DSM		MSCAN	√	√	√	√			

## Usa Ford **V38.00** Diagnostics List (Note:For reference only)

Year	Vehicle	System	Protocol	Functions						
				Sys. Info.	Read code	Clear code	Data stream	Actuation	Special functions	Others
	MOUNTAINEER 4.0L	GEM	MSCAN	√	√	√	√			
		HVAC	MSCAN		√	√				
		OCS	HSCAN	√	√	√	√			
		PAM	MSCAN		√	√	√			
		PRB	MSCAN	√	√	√	√			
		RETM	MSCAN	√	√	√	√			
		SDARS	MSCAN	√	√	√	√			
		TCM	HSCAN	√	√	√	√			
	MOUNTAINEER 4.6L	ABS	HSCAN	√	√	√	√			
		ICM	HSCAN	√	√	√	√	√		
		PCM	HSCAN	√	√	√	√		S1	
		RCM	HSCAN	√	√	√	√			
		4X4	HSCAN	√	√	√	√			
		ACMN	MSCAN	√	√	√	√			
		APIM	HSCAN		√	√	√			
		DSM	MSCAN	√	√	√	√			
		GEM	MSCAN	√	√	√	√			
		HVAC	MSCAN		√	√				
		OCS	HSCAN	√	√	√	√			
		PAM	MSCAN		√	√	√			
		PRB	MSCAN	√	√	√	√			
		RETM	MSCAN	√	√	√	√			
		SDARS	MSCAN	√	√	√	√			



## Usa Ford **V38.00** Diagnostics List (Note:For reference only)

Year	Vehicle	System	Protocol	Functions						
				Sys. Info.	Read code	Clear code	Data stream	Actuation	Special functions	Others
		TCM	HSCAN	√	√	√	√			
	MUSTANG 4.0L	ABS	HSCAN	√	√	√	√			
		ICM	HSCAN	√	√	√	√	√		
		PCM	HSCAN	√	√	√	√		S1	
		RCM	ISO	√	√	√	√			
		ACMN	MSCAN	√	√	√	√			
		GEM	MSCAN	√	√	√	√			
		SDARS	MSCAN	√	√	√	√			
	NAVIGATOR 5.4L	ABS	HSCAN	√	√	√	√			
		ICM	HSCAN	√	√	√	√	√		
		PCM	HSCAN	√	√	√	√		S1	
		RCM	HSCAN	√	√	√	√			
		4X4	HSCAN	√	√	√	√			
		ACMN	MSCAN	√	√	√	√			
		APIM	HSCAN		√	√	√			
		DSM	MSCAN	√	√	√	√			
		DSP	MSCAN		√	√	√			
		GEM	MSCAN	√	√	√	√			
		HVAC	MSCAN		√	√				
		LTM	MSCAN	√	√	√	√			
		PAM	MSCAN		√	√	√			
		PRB	MSCAN	√	√	√	√			
		RETM	MSCAN	√	√	√	√			

## Usa Ford **V38.00** Diagnostics List (Note:For reference only)

Year	Vehicle	System	Protocol	Functions						
				Sys. Info.	Read code	Clear code	Data stream	Actuation	Special functions	Others
	RANGER 2.3L	SDARS	MSCAN	√	√	√	√			
		TCM	HSCAN	√	√	√	√			
		VDM	HSCAN	√	√	√	√			
		ABS	ISO	√	√	√	√			
		ICM	HSCAN	√	√	√	√	√		
		PCM	HSCAN	√	√	√	√		S1	
		RCM	HSCAN	√	√	√	√			
		4X4	HSCAN	√	√	√	√			
		GEM	MSCAN	√	√	√	√			
		OCS	HSCAN	√	√	√	√			
	SDARS	MSCAN	√	√	√	√				
	RANGER 4.0L	ABS	ISO	√	√	√	√			
		ICM	HSCAN	√	√	√	√	√		
		PCM	HSCAN	√	√	√	√		S1	
		RCM	HSCAN	√	√	√	√			
		4X4	HSCAN	√	√	√	√			
		GEM	MSCAN	√	√	√	√			
		OCS	HSCAN	√	√	√	√			
		SDARS	MSCAN	√	√	√	√			
		ABS	HSCAN	√	√	√	√			
ICM		HSCAN	√	√	√	√	√			
PCM		HSCAN	√	√	√	√		S1		
RCM		HSCAN	√	√	√	√				

## Usa Ford **V38.00** Diagnostics List (Note:For reference only)

Year	Vehicle	System	Protocol	Functions						
				Sys. Info.	Read code	Clear code	Data stream	Actuation	Special functions	Others
	SABLE 3.5L	4X4	HSCAN	√	√	√	√			
		ACMN	MSCAN	√	√	√	√			
		APIM	HSCAN		√	√	√			
		DSM	MSCAN	√	√	√	√			
		GEM	MSCAN	√	√	√	√			
		HVAC	MSCAN		√	√				
		OCS	HSCAN	√	√	√	√			
		RETM	MSCAN	√	√	√	√			
	SDARS	MSCAN	√	√	√	√				
	TAURUS 3.5L	ABS	HSCAN	√	√	√	√			
		ICM	HSCAN	√	√	√	√	√		
		PCM	HSCAN	√	√	√	√		S1	
		RCM	HSCAN	√	√	√	√			
		4X4	HSCAN	√	√	√	√			
		ACMN	MSCAN	√	√	√	√			
		APIM	HSCAN		√	√	√			
		DSM	MSCAN	√	√	√	√			
		GEM	MSCAN	√	√	√	√			
		HVAC	MSCAN		√	√				
		OCS	HSCAN	√	√	√	√			
		RETM	MSCAN	√	√	√	√			
		SDARS	MSCAN	√	√	√	√			
		ABS	HSCAN	√	√	√	√			

## Usa Ford **V38.00** Diagnostics List (Note:For reference only)

Year	Vehicle	System	Protocol	Functions						
				Sys. Info.	Read code	Clear code	Data stream	Actuation	Special functions	Others
	TAURUS X 3.5L	ICM	HSCAN	√	√	√	√			
		PCM	HSCAN	√	√	√	√		S1	
		RCM	HSCAN	√	√	√	√			
		4X4	HSCAN	√	√	√	√			
		ACMN	MSCAN	√	√	√	√			
		APIM	HSCAN		√	√	√			
		DSM	MSCAN	√	√	√	√			
		GEM	MSCAN	√	√	√	√			
		HVAC	MSCAN		√	√				
		LTM	MSCAN	√	√	√	√			
		OCS	HSCAN	√	√	√	√			
		RETM	MSCAN	√	√	√	√			
	SDAR	MSCAN	√	√	√	√				
	TOWNCAR 4.6L	ABS	HSCAN	√	√	√	√			
		<b>ICM</b>	<b>HSCAN</b>	√	√	√	√	√		
		PCM	HSCAN	√	√	√	√		S1	
		RCM	ISO	√	√	√	√			
		ACMN	MSCAN	√	√	√	√			
		ACM	PWM	√	√	√	√			
		DDM	PWM	√	√	√	√			
DSM		PWM	√	√	√	√				
EATC	PWM	√	√	√	√					
LCM	PWM	√	√	√	√					

## Usa Ford **V38.00** Diagnostics List (Note:For reference only)

Year	Vehicle	System	Protocol	Functions						
				Sys. Info.	Read code	Clear code	Data stream	Actuation	Special functions	Others
		LTM	ISO	√	√	√	√			
		MCM	PWM	√	√	√	√			
		PAM	ISO	√	√	√	√			
		VDM	HSCAN	√	√	√	√			
	CROWN VICTORIA 4.6L	ABS	HSCAN	√	√	√	√			
		ICM	HSCAN	√	√	√	√			
		PCM	HSCAN	√	√	√	√		S1	
		RCM	ISO	√	√	√	√			
		DDM	PWM	√	√	√	√			
		EATC	PWM	√	√	√	√			
		LCM	PWM	√	√	√	√			
		MCM	PWM	√	√	√	√			
	VDM	HSCAN	√	√	√	√				
	ECONOLINE 6.0L DIESEL	ABS	HSCAN	√	√	√	√			
		PCM	HSCAN	√	√	√	√		S1	
		RCM	HSCAN	√	√	√	√			
		VSM	MCAN	√	√	√	√			
ECONOLINE 4.6L	ABS	HSCAN	√	√	√	√				
	ICM	HSCAN	√	√	√	√				
	PCM	HSCAN	√	√	√	√		S1		
	RCM	HSCAN	√	√	√	√				
	PAM	ISO	√	√	√	√				
	VSM	MCAN	√	√	√	√				

## Usa Ford **V38.00** Diagnostics List (Note:For reference only)

Year	Vehicle	System	Protocol	Functions						
				Sys. Info.	Read code	Clear code	Data stream	Actuation	Special functions	Others
	ECONOLINE 5.4L	ABS	HSCAN	√	√	√	√			
		ICM	HSCAN	√	√	√	√			
		PCM	HSCAN	√	√	√	√		S1	
		RCM	HSCAN	√	√	√	√			
		PAM	ISO	√	√	√	√			
		VSM	MCAN	√	√	√	√			
	EDGE 3.5L	ABS	HSCAN	√	√	√	√			
		ICM	HSCAN	√	√	√	√			
		PCM	HSCAN	√	√	√	√		S1	
		RCM	HSCAN	√	√	√	√			
		4X4	HSCAN	√	√	√	√			
		ACMN	MCAN	√	√	√	√			
		DSM	MCAN	√	√	√	√			
		DSP	MCAN	√	√	√	√			
		EATC	MCAN	√	√	√	√			
		GEM	MCAN	√	√	√	√			
		LTM	MCAN	√	√	√	√			
		OCS	HSCAN	√	√	√	√			
		PAM	MCAN	√	√	√	√			
		RETM	MCAN	√	√	√	√			
SDARS	MCAN	√	√	√	√					
	4X4	HSCAN	√	√	√	√				
	ABS	HSCAN	√	√	√	√				

## Usa Ford **V38.00** Diagnostics List (Note:For reference only)

Year	Vehicle	System	Protocol	Functions						
				Sys. Info.	Read code	Clear code	Data stream	Actuation	Special functions	Others
	ESCAP 2.3L	ACM	MSCAN	√	√	√	√			
		FCIM	MSCAN		√	√	√			
		FDIM	MSCAN		√	√	√			
		GEM/SJB	MSCAN		√	√	√			
		HVAC	MSCAN		√	√	√			
		IC	HSCAN		√	√	√			
		OCSM	HSCAN		√	√	√			
		PAM	ISO	√	√	√	√			
		PCM	HSCAN	√	√	√	√		S1	
		RCM	HSCAN	√	√	√	√			
		SDARS	MSCAN		√	√	√			
		TCM	HSCAN	√	√	√	√			
	VAPS	HSCAN	√	√	√	√				
	ESCAP 3.0L	4X4	HSCAN	√	√	√	√			
		ABS	HSCAN	√	√	√	√			
		ACM	MSCAN	√	√	√	√			
		FCIM	MSCAN		√	√	√			
		FDIM	MSCAN		√	√	√			
		GEM/SJB	MSCAN		√	√	√			
		HVAC	MSCAN		√	√	√			
		IC	HSCAN		√	√	√			
		OCSM	HSCAN		√	√	√			
PAM		ISO	√	√	√	√				

## Usa Ford **V38.00** Diagnostics List (Note:For reference only)

Year	Vehicle	System	Protocol	Functions							
				Sys. Info.	Read code	Clear code	Data stream	Actuation	Special functions	Others	
		PCM	HSCAN	√	√	√	√		S1		
		RCM	HSCAN	√	√	√	√				
		SDARS	MSCAN		√	√	√				
		TCM	HSCAN	√	√	√	√				
		VAPS	HSCAN	√	√	√	√				
	ESCAPE HYBRID 2.3L	ABS	HSCAN	√	√	√	√				
		ICM	HSCAN	√	√	√	√				
		PCM	HSCAN	√	√	√	√		S1		
		RCM	HSCAN	√	√	√	√				
		4X4	HSCAN	√	√	√	√				
		ACM	MSCAN	√	√	√	√				
		FCIM	MSCAN		√	√	√				
		FDIM	MSCAN		√	√	√				
		GEM	MSCAN	√	√	√	√				
		HVAC	MSCAN		√	√	√				
		OCS	HSCAN	√	√	√	√				
		PAM	ISO	√	√	√	√				
		SDARS	MSCAN	√	√	√	√				
		TCM	HSCAN	√	√	√	√				
		VAPS	HSCAN	√	√	√	√				
			4X4	HSCAN	√	√	√	√			
			ABS	HSCAN	√	√	√	√			
	ACM		MSCAN	√	√	√	√				



## Usa Ford **V38.00** Diagnostics List (Note:For reference only)

Year	Vehicle	System	Protocol	Functions						
				Sys. Info.	Read code	Clear code	Data stream	Actuation	Special functions	Others
	EXPIDITION 5.4L	DCSM	MSCAN		√	√	√			
		DSM	MSCAN	√	√	√	√			
		DSP	MSCAN		√	√	√			
		EATC	MSCAN	√	√	√	√			
		GEM/SJB	MSCAN		√	√	√			
		IC	HSCAN		√	√	√			
		LTM	MSCAN	√	√	√	√			
		PAM	MSCAN	√	√	√	√			
		PCM	HSCAN	√	√	√	√		S1	
		PRB	MSCAN		√	√	√			
		VDM	HSCAN	√	√	√	√			
		RCM	HSCAN	√	√	√	√			
		RCU	MSCAN		√	√	√			
		RETM	MSCAN		√	√	√			
		SDARS	MSCAN		√	√	√			
	TCM	HSCAN	√	√	√	√				
	ABS	HSCAN	√	√	√	√				
	ICM	HSCAN	√	√	√	√				
	PCM	HSCAN	√	√	√	√		S1		
	RCM	HSCAN	√	√	√	√				
	LTM	MSCAN	√	√	√	√				
	PAM	MSCAN	√	√	√	√				
	PRB	MSCAN	√	√	√	√				

## Usa Ford **V38.00** Diagnostics List (Note:For reference only)

Year	Vehicle	System	Protocol	Functions						
				Sys. Info.	Read code	Clear code	Data stream	Actuation	Special functions	Others
	EXPEDITION EL 5.4L	VDM	HSCAN	√	√	√	√			
		4X4	HSCAN	√	√	√	√			
		ACM	MSCAN	√	√	√	√			
		DSM	MSCAN	√	√	√	√			
		DSP	MSCAN	√	√	√	√			
		EATC	MSCAN	√	√	√	√			
		GEM	MSCAN	√	√	√	√			
		RCU	MSCAN		√	√	√			
		RETM	MSCAN	√	√	√	√			
		SDARS	MSCAN	√	√	√	√			
	TCM	HSCAN	√	√	√	√				
	EXPLORER 4.0L	4X4	HSCAN	√	√	√	√			
		ABS	HSCAN	√	√	√	√			
		ACM	MSCAN	√	√	√	√			
		APIM	HSCAN		√	√	√			
		DSM	MSCAN	√	√	√	√			
		EATC	MSCAN	√	√	√	√			
		GEM/SJB	MSCAN		√	√	√			
		HVAC	MSCAN		√	√	√			
		IC	HSCAN		√	√	√			
OCS		HSCAN	√	√	√	√				
PAM	MSCAN	√	√	√	√					
PCM	HSCAN	√	√	√	√		S1			

## Usa Ford **V38.00** Diagnostics List (Note:For reference only)

Year	Vehicle	System	Protocol	Functions						
				Sys. Info.	Read code	Clear code	Data stream	Actuation	Special functions	Others
		PRB	MSCAN		√	√	√			
		RCM	HSCAN	√	√	√	√			
		RETM	MSCAN		√	√	√			
		SDARS	MSCAN		√	√	√			
		TCM	HSCAN	√	√	√	√			
		VSM	MSCAN	√	√	√	√			
	EXPLORER 4.6L	4X4	HSCAN	√	√	√	√			
		ABS	HSCAN	√	√	√	√			
		ACM	MSCAN	√	√	√	√			
		APIM	HSCAN		√	√	√			
		DSM	MSCAN	√	√	√	√			
		EATC	MSCAN	√	√	√	√			
		GEM/SJB	MSCAN		√	√	√			
		HVAC	MSCAN		√	√	√			
		IC	HSCAN		√	√	√			
		OCSM	HSCAN		√	√	√			
		PAM	MSCAN	√	√	√	√			
		PCM	HSCAN	√	√	√	√		S1	
		PRB	MSCAN		√	√	√			
		RCM	HSCAN	√	√	√	√			
		RETM	MSCAN		√	√	√			
		SDARS	MSCAN		√	√	√			
		TCM	HSCAN	√	√	√	√			

## Usa Ford **V38.00** Diagnostics List (Note:For reference only)

Year	Vehicle	System	Protocol	Functions						
				Sys. Info.	Read code	Clear code	Data stream	Actuation	Special functions	Others
		VSM	MSCAN	√	√	√	√			
	EXPLORER SPORTTR 4.0L	ABS	HSCAN	√	√	√	√			
		ICM	HSCAN	√	√	√	√			
		PCM	HSCAN	√	√	√	√		S1	
		RCM	HSCAN	√	√	√	√			
		4X4	HSCAN	√	√	√	√			
		ACM	MSCAN	√	√	√	√			
		DSM	MSCAN	√	√	√	√			
		EATC	MSCAN	√	√	√	√			
		GEM	MSCAN	√	√	√	√			
		OCS	HSCAN	√	√	√	√			
		PAM	MSCAN	√	√	√	√			
		PRB	MSCAN	√	√	√	√			
		RETM	MSCAN	√	√	√	√			
		SDARS	MSCAN	√	√	√	√			
		TCM	HSCAN	√	√	√	√			
		VSM	MSCAN	√	√	√	√			
		ABS	HSCAN	√	√	√	√			
		ICM	HSCAN	√	√	√	√			
		PCM	HSCAN	√	√	√	√		S1	
		RCM	HSCAN	√	√	√	√			
		4X4	HSCAN	√	√	√	√			
		ACM	MSCAN	√	√	√	√			

## Usa Ford **V38.00** Diagnostics List (Note:For reference only)

Year	Vehicle	System	Protocol	Functions						
				Sys. Info.	Read code	Clear code	Data stream	Actuation	Special functions	Others
	EXPLORER SPORTTR 4.6L	DSM	MSCAN	√	√	√	√			
		EATC	MSCAN	√	√	√	√			
		GEM	MSCAN	√	√	√	√			
		OCS	HSCAN	√	√	√	√			
		PAM	MSCAN	√	√	√	√			
		PRB	MSCAN	√	√	√	√			
		RETM	MSCAN	√	√	√	√			
		SDARS	MSCAN	√	√	√	√			
		TCM	HSCAN	√	√	√	√			
	VSM	MSCAN	√	√	√	√				
	F-150 4.2L	ABS	HSCAN	√	√	√	√			
		ICM	HSCAN	√	√	√	√			
		PCM	HSCAN	√	√	√	√		S1	
		RCM	ISO	√	√	√	√			
		4X4	HSCAN	√	√	√	√			
		ACMN	MSCAN	√	√	√	√			
		RETM	MSCAN	√	√	√	√			
	F-150 4.6L	ABS	HSCAN	√	√	√	√			
		ICM	HSCAN	√	√	√	√			
		PCM	HSCAN	√	√	√	√		S1	
		RCM	ISO	√	√	√	√			
		4X4	HSCAN	√	√	√	√			
		ACMN	MSCAN	√	√	√	√			

## Usa Ford **V38.00** Diagnostics List (Note:For reference only)

Year	Vehicle	System	Protocol	Functions						
				Sys. Info.	Read code	Clear code	Data stream	Actuation	Special functions	Others
		RETM	MSCAN	√	√	√	√			
	F-150 5.4L	4X4	HSCAN	√	√	√	√			
		ABS	HSCAN	√	√	√	√			
		IC	HSCAN		√	√	√			
		PAM	ISO	√	√	√	√			
		PCM	HSCAN	√	√	√	√		S1	
		RCM	ISO	√	√	√	√			
		ACMN	MSCAN	√	√	√	√			
		RETM	MSCAN	√	√	√	√			
	F-650/F-750 6.0L DIESEL	ABS	HSCAN	√	√	√	√			
		PCM	PWM	√	√	√	√			
		GEM	ISO	√	√	√	√			
	F-650/F-750 7.2L DIESEL	ABS	HSCAN	√	√	√	√			
		PCM	PWM	√	√	√	√			
		GEM	ISO	√	√	√	√			
	F-800 5.9L CUMMINS	ABS	HSCAN	√	√	√	√			
		PCM	PWM	√	√	√	√			
		GEM	ISO	√	√	√	√			
		ABS	HSCAN	√	√	√	√			
		ACM	MSCAN	√	√	√	√			
		EATC	MSCAN	√	√	√	√			
		CDP	MSCAN		√	√	√			
		D_DCU	MSCAN		√	√	√			

## Usa Ford **V38.00** Diagnostics List (Note:For reference only)

Year	Vehicle	System	Protocol	Functions						
				Sys. Info.	Read code	Clear code	Data stream	Actuation	Special functions	Others
	FOCUS 2.0L	EPS	HSCAN	√	√	√	√			
		FFH	MSCAN		√	√	√			
		GEM/SJB	MSCAN		√	√	√			
		HCM	HSCAN		√	√	√			
		IC	HSCAN		√	√	√		S3	
		RKE	MSCAN		√	√	√			
		PAM	MSCAN	√	√	√	√			
		PCM	HSCAN	√	√	√	√		S1	
		PDM	MSCAN		√	√	√			
		RCM	HSCAN	√	√	√	√		S18	
		RETM	MSCAN		√	√	√			
	TCM	HSCAN	√	√	√	√				
	FORD MOTOR HOME 6.8L	ICM	ISO	√	√	√	√			
		PCM	HSCAN	√	√	√	√		S1	
	F-SERIES/S-DUTY 5.4L	ABS	HSCAN	√	√	√	√			
		ICM	HSCAN	√	√	√	√			
		PCM	HSCAN	√	√	√	√		S1	
		4X4	ISO	√	√	√	√			
		PAM	ISO	√	√	√	√			
		TBC	HSCAN	√	√	√	√			
	F-SERIES/S-DUTY 6.0L DIESEL	ABS	HSCAN	√	√	√	√			
ICM		HSCAN	√	√	√	√				
PCM		HSCAN	√	√	√	√		S1		

## Usa Ford **V38.00** Diagnostics List (Note:For reference only)

Year	Vehicle	System	Protocol	Functions						
				Sys. Info.	Read code	Clear code	Data stream	Actuation	Special functions	Others
2008	F-SERIES/S-DUTY 6.8L	ABS	HSCAN	√	√	√	√			
		ICM	HSCAN	√	√	√	√			
		PCM	HSCAN	√	√	√	√		S1	
		4X4	ISO	√	√	√	√			
		PAM	ISO	√	√	√	√			
		TBC	HSCAN	√	√	√	√			
	F-SERIES/S-DUTY 6.4L DIESEL	ABS	HSCAN	√	√	√	√			
		ICM	HSCAN	√	√	√	√			
		PCM	HSCAN	√	√	√	√		S1	
		4X4	ISO	√	√	√	√			
		PAM	ISO	√	√	√	√			
		TBC	HSCAN	√	√	√	√			
	FUSION 2.3L	ABS	HSCAN	√	√	√	√			
		ICM	HSCAN	√	√	√	√			
		PCM	HSCAN	√	√	√	√		S1	
		RCM	HSCAN	√	√	√	√			
		ACM	MSCAN	√	√	√	√			
		EATC	MSCAN	√	√	√	√			
		GEM	MSCAN	√	√	√	√			
		OCS	HSCAN	√	√	√	√			
		SDARS	MSCAN	√	√	√	√			
		TCM	HSCAN	√	√	√	√			
	4X4	HSCAN	√	√	√	√				



## Usa Ford **V38.00** Diagnostics List (Note:For reference only)

Year	Vehicle	System	Protocol	Functions						
				Sys. Info.	Read code	Clear code	Data stream	Actuation	Special functions	Others
2008	Fusion 3.0L	ABS	HSCAN	√	√	√	√			
		ACM	MSCAN	√	√	√	√			
		APIM	HSCAN		√	√	√			
		GEM/SJB	MSCAN		√	√	√			
		HVAC	MSCAN		√	√	√			
		IC	HSCAN		√	√	√			
		OCSM	HSCAN		√	√	√			
		PAM	MSCAN	√	√	√	√			
		PCM	HSCAN	√	√	√	√		S1	
		RCM	HSCAN	√	√	√	√			
		SDARS	MSCAN		√	√	√			
		TCM	HSCAN	√	√	√	√			
	GRAND MARQUIS 4.6L	ABS	HSCAN	√	√	√	√			
		ICM	HSCAN	√	√	√	√			
		PCM	HSCAN	√	√	√	√		S1	
		RCM	ISO	√	√	√	√			
		DDM	PWM	√	√	√	√			
		EATC	PWM	√	√	√	√			
		LCM	PWM	√	√	√	√			
		MCM	PWM	√	√	√	√			
VDM	HSCAN	√	√	√	√					
	ABS	HSCAN	√	√	√	√				
	ICM	HSCAN	√	√	√	√				

## Usa Ford **V38.00** Diagnostics List (Note:For reference only)

Year	Vehicle	System	Protocol	Functions						
				Sys. Info.	Read code	Clear code	Data stream	Actuation	Special functions	Others
	LINCOLN MARK LT 5.4L	PCM	HSCAN	√	√	√	√		S1	
		RCM	ISO	√	√	√	√			
		4X4	HSCAN	√	√	√	√			
		ACMN	MSCAN	√	√	√	√			
		RETM	MSCAN	√	√	√	√			
	LINCOLN MKX 3.5L	ABS	HSCAN	√	√	√	√			
		ICM	HSCAN	√	√	√	√			
		PCM	HSCAN	√	√	√	√		S1	
		RCM	HSCAN	√	√	√	√			
		4X4	HSCAN	√	√	√	√			
		ACMN	MSCAN	√	√	√	√			
		DSM	MSCAN	√	√	√	√			
		DSP	MSCAN	√	√	√	√			
		GEM	MSCAN	√	√	√	√			
		HCM	HSCAN		√	√	√			
		HVAC	MSCAN		√	√	√			
		LTM	MSCAN	√	√	√	√			
		OCS	HSCAN	√	√	√	√			
		PAM	MSCAN		√	√	√			
		RETM	MSCAN	√	√	√	√			
		SDARS	MSCAN	√	√	√	√			
			ABS	HSCAN	√	√	√	√		
	ICM		HSCAN	√	√	√	√			

**Usa Ford V38.00 Diagnostics List** (Note:For reference only)

Year	Vehicle	System	Protocol	Functions						
				Sys. Info.	Read code	Clear code	Data stream	Actuation	Special functions	Others
	LINCOLN MKZ 3.5L	PCM	HSCAN	√	√	√	√		S1	
		RCM	HSCAN	√	√	√	√			
		ACMN	MSCAN	√	√	√	√			
		DDM	MSCAN	√	√	√	√			
		DSM	MSCAN	√	√	√	√			
		DSP	MSCAN	√	√	√	√			
		GEM	MSCAN	√	√	√	√			
		OCS	HSCAN	√	√	√	√			
		PAM	MSCAN		√	√	√			
		SDARS	MSCAN	√	√	√	√			
	TCM	HSCAN	√	√	√	√				
	MARINER 2.3L	ABS	HSCAN	√	√	√	√			
		ICM	HSCAN	√	√	√	√			
		PCM	HSCAN	√	√	√	√		S1	
		RCM	HSCAN	√	√	√	√			
		4X4	HSCAN	√	√	√	√			
		ACMN	MSCAN	√	√	√	√			
		BCM	HSCAN	√	√	√	√			
		EATC	MSCAN	√	√	√	√			
		FCIM	MSCAN		√	√	√			
GEM		MSCAN	√	√	√	√				
HVAC	MSCAN		√	√	√					
OCS	HSCAN	√	√	√	√					

## Usa Ford **V38.00** Diagnostics List (Note:For reference only)

Year	Vehicle	System	Protocol	Functions						
				Sys. Info.	Read code	Clear code	Data stream	Actuation	Special functions	Others
		PAM	ISO	√	√	√	√			
		SDARS	MSCAN	√	√	√	√			
		TCM	HSCAN	√	√	√	√			
	MARINER 3.0L	ABS	HSCAN	√	√	√	√			
		ICM	HSCAN	√	√	√	√			
		PCM	HSCAN	√	√	√	√		S1	
		RCM	HSCAN	√	√	√	√			
		4X4	HSCAN	√	√	√	√			
		ACMN	MSCAN	√	√	√	√			
		BCM	HSCAN	√	√	√	√			
		EATC	MSCAN	√	√	√	√			
		FCIM	MSCAN		√	√	√			
		GEM	MSCAN	√	√	√	√			
		HVAC	MSCAN		√	√	√			
		OCS	HSCAN	√	√	√	√			
		PAM	ISO	√	√	√	√			
		SDARS	MSCAN	√	√	√	√			
		TCM	HSCAN	√	√	√	√			
			ABS	HSCAN	√	√	√	√		
	ICM		HSCAN	√	√	√	√			
	PCM		HSCAN	√	√	√	√		S1	
	RCM		HSCAN	√	√	√	√			
	4X4		HSCAN	√	√	√	√			

## Usa Ford **V38.00** Diagnostics List (Note:For reference only)

Year	Vehicle	System	Protocol	Functions						
				Sys. Info.	Read code	Clear code	Data stream	Actuation	Special functions	Others
	MARINER HYBRID 2.3L HYB	ACMN	MSCAN	√	√	√	√			
		BCM	HSCAN	√	√	√	√			
		EATC	MSCAN	√	√	√	√			
		FCIM	MSCAN		√	√	√			
		GEM	MSCAN	√	√	√	√			
		HVAC	MSCAN		√	√	√			
		OCS	HSCAN	√	√	√	√			
		PAM	ISO	√	√	√	√			
		SDARS	MSCAN	√	√	√	√			
		TCM	HSCAN	√	√	√	√			
	MILAN 2.3L	ABS	HSCAN	√	√	√	√			
		ICM	HSCAN	√	√	√	√			
		PCM	HSCAN	√	√	√	√		S1	
		RCM	HSCAN	√	√	√	√			
		ACM	MSCAN	√	√	√	√			
		GEM	MSCAN		√	√	√			
		HVAC	MSCAN		√	√	√			
		OCS	HSCAN	√	√	√	√			
		PAM	MSCAN	√	√	√	√			
		SDARS	MSCAN		√	√	√			
TCM	HSCAN	√	√	√	√					
4X4	HSCAN	√	√	√	√					
ABS	HSCAN	√	√	√	√					

## Usa Ford **V38.00** Diagnostics List (Note:For reference only)

Year	Vehicle	System	Protocol	Functions						
				Sys. Info.	Read code	Clear code	Data stream	Actuation	Special functions	Others
	Milan 3.0L	ACM	MSCAN	√	√	√	√			
		APIM	HSCAN		√	√	√			
		GEM/SJB	MSCAN		√	√	√			
		HVAC	MSCAN		√	√	√			
		IC	HSCAN		√	√	√			
		OCSM	HSCAN		√	√	√			
		PAM	MSCAN	√	√	√	√			
		PCM	HSCAN	√	√	√	√		S1	
		RCM	HSCAN	√	√	√	√			
		SDARS	MSCAN		√	√	√			
	TCM	HSCAN	√	√	√	√				
	MOUNTAINEER 4.0L	ABS	HSCAN	√	√	√	√			
		ICM	HSCAN	√	√	√	√			
		PCM	HSCAN	√	√	√	√		S1	
		RCM	HSCAN	√	√	√	√			
		4X4	HSCAN	√	√	√	√			
		ACMN	MSCAN	√	√	√	√			
		DSM	MSCAN	√	√	√	√			
		GEM	MSCAN	√	√	√	√			
		HVAC	MSCAN		√	√	√			
OCS		HSCAN	√	√	√	√				
PAM	MSCAN		√	√	√					
PRB	MSCAN	√	√	√	√					

## Usa Ford **V38.00** Diagnostics List (Note:For reference only)

Year	Vehicle	System	Protocol	Functions						
				Sys. Info.	Read code	Clear code	Data stream	Actuation	Special functions	Others
		RETM	MSCAN	√	√	√	√			
		SDARS	MSCAN	√	√	√	√			
		TCM	HSCAN	√	√	√	√			
	MOUNTAINEER 4.6L	ABS	HSCAN	√	√	√	√			
		ICM	HSCAN	√	√	√	√			
		PCM	HSCAN	√	√	√	√		S1	
		RCM	HSCAN	√	√	√	√			
		4X4	HSCAN	√	√	√	√			
		ACMN	MSCAN	√	√	√	√			
		DSM	MSCAN	√	√	√	√			
		GEM	MSCAN	√	√	√	√			
		HVAC	MSCAN		√	√	√			
		OCS	HSCAN	√	√	√	√			
		PAM	MSCAN		√	√	√			
		PRB	MSCAN	√	√	√	√			
		RETM	MSCAN	√	√	√	√			
		SDARS	MSCAN	√	√	√	√			
		TCM	HSCAN	√	√	√	√			
		MUSTANG 4.0L	ABS	HSCAN	√	√	√	√		
	ICM		HSCAN	√	√	√	√			
	PCM		HSCAN	√	√	√	√		S1	
	RCM		ISO	√	√	√	√			
	ACMN		MSCAN	√	√	√	√			

## Usa Ford **V38.00** Diagnostics List (Note:For reference only)

Year	Vehicle	System	Protocol	Functions							
				Sys. Info.	Read code	Clear code	Data stream	Actuation	Special functions	Others	
		GEM	MSCAN	√	√	√	√				
		OCS	HSCAN	√	√	√	√				
		SDARS	MSCAN	√	√	√	√				
	Mustang 4.6L	ABS	HSCAN	√	√	√	√				
		ACM	MSCAN	√	√	√	√				
		GEM/SJB	MSCAN		√	√	√				
		IC	HSCAN		√	√	√				
		PCM	HSCAN	√	√	√	√		S1		
		RCM	ISO	√	√	√	√				
		SDARS	MSCAN		√	√	√				
		OCS	HSCAN	√	√	√	√				
		MUSTANG 5.4L	ABS	HSCAN	√	√	√	√			
			ICM	HSCAN	√	√	√	√			
	PCM		HSCAN	√	√	√	√		S1		
	RCM		ISO	√	√	√	√				
	ACMN		MSCAN	√	√	√	√				
	GEM		MSCAN	√	√	√	√				
	OCS		HSCAN	√	√	√	√				
	SDARS		MSCAN	√	√	√	√				
		ABS	HSCAN	√	√	√	√				
ICM		HSCAN	√	√	√	√					
PCM		HSCAN	√	√	√	√		S1			
RCM		HSCAN	√	√	√	√					



## Usa Ford **V38.00** Diagnostics List (Note:For reference only)

Year	Vehicle	System	Protocol	Functions						
				Sys. Info.	Read code	Clear code	Data stream	Actuation	Special functions	Others
	NAVIGATOR 5.4L	4X4	HSCAN	√	√	√	√			
		ACMN	MSCAN	√	√	√	√			
		DSM	MSCAN	√	√	√	√			
		DSP	MSCAN	√	√	√	√			
		EATC	MSCAN	√	√	√	√			
		GEM	MSCAN	√	√	√	√			
		LTM	MSCAN	√	√	√	√			
		PAM	MSCAN		√	√	√			
		PRB	MSCAN	√	√	√	√			
		RETM	MSCAN	√	√	√	√			
		SDARS	MSCAN	√	√	√	√			
		TCM	HSCAN	√	√	√	√			
	VDM	HSCAN	√	√	√	√				
	RANGER 2.3L	ABS	ISO	√	√	√	√			
		ICM	HSCAN	√	√	√	√			
		PCM	HSCAN	√	√	√	√		S1	
		RCM	HSCAN	√	√	√	√			
		4X4	HSCAN	√	√	√	√			
		GEM	MSCAN	√	√	√	√			
		OCS	HSCAN	√	√	√	√			
		SDARS	MSCAN	√	√	√	√			
		ABS	ISO	√	√	√	√			
ICM		HSCAN	√	√	√	√				

## Usa Ford **V38.00** Diagnostics List (Note:For reference only)

Year	Vehicle	System	Protocol	Functions						
				Sys. Info.	Read code	Clear code	Data stream	Actuation	Special functions	Others
	RANGER 3.0L	PCM	HSCAN	√	√	√	√		S1	
		RCM	HSCAN	√	√	√	√			
		4X4	HSCAN	√	√	√	√			
		GEM	MSCAN	√	√	√	√			
		OCS	HSCAN	√	√	√	√			
	RANGER 4.0L	ABS	ISO	√	√	√	√			
		ICM	HSCAN	√	√	√	√			
		PCM	HSCAN	√	√	√	√		S1	
		RCM	HSCAN	√	√	√	√			
		4X4	HSCAN	√	√	√	√			
		GEM	MSCAN	√	√	√	√			
	SABLE 3.5L	OCS	HSCAN	√	√	√	√			
		ABS	HSCAN	√	√	√	√			
		ICM	HSCAN	√	√	√	√			
		PCM	HSCAN	√	√	√	√		S1	
		RCM	HSCAN	√	√	√	√			
		4X4	HSCAN	√	√	√	√			
		ACMN	MSCAN	√	√	√	√			
BCM		MSCAN		√	√	√				
DSM		MSCAN	√	√	√	√				
EATC		MSCAN	√	√	√	√				
GEM		MSCAN	√	√	√	√				
OCS	HSCAN	√	√	√	√					

## Usa Ford **V38.00** Diagnostics List (Note:For reference only)

Year	Vehicle	System	Protocol	Functions						
				Sys. Info.	Read code	Clear code	Data stream	Actuation	Special functions	Others
		RETM	MSCAN	√	√	√	√			
		SDARS	MSCAN	√	√	√	√			
	TAURUS 3.5L	ABS	HSCAN	√	√	√	√			
		ICM	HSCAN	√	√	√	√			
		PCM	HSCAN	√	√	√	√		S1	
		RCM	HSCAN	√	√	√	√			
		4X4	HSCAN	√	√	√	√			
		ACMN	MSCAN	√	√	√	√			
		BCM	MSCAN		√	√	√			
		DSM	MSCAN	√	√	√	√			
		EATC	MSCAN	√	√	√	√			
		GEM	MSCAN	√	√	√	√			
		OCS	HSCAN	√	√	√	√			
		RETM	MSCAN	√	√	√	√			
		SDARS	MSCAN	√	√	√	√			
		TAURUS X 3.5L	ABS	HSCAN	√	√	√	√		
	ICM		HSCAN	√	√	√	√			
	PCM		HSCAN	√	√	√	√		S1	
	RCM		HSCAN	√	√	√	√			
	4X4		HSCAN	√	√	√	√			
	ACMN		MSCAN	√	√	√	√			
	BCM		MSCAN		√	√	√			
	DSM		MSCAN	√	√	√	√			

## Usa Ford **V38.00** Diagnostics List (Note:For reference only)

Year	Vehicle	System	Protocol	Functions						
				Sys. Info.	Read code	Clear code	Data stream	Actuation	Special functions	Others
		EATC	MSCAN	√	√	√	√			
		GEM	MSCAN	√	√	√	√			
		OCS	HSCAN	√	√	√	√			
		RETM	MSCAN	√	√	√	√			
		SDARS	MSCAN	√	√	√	√			
	TOWNCAR 4.6L	ABS	HSCAN	√	√	√	√			
		ICM	HSCAN	√	√	√	√			
		PCM	HSCAN	√	√	√	√		S1	
		RCM	ISO	√	√	√	√			
		ACM	PWM	√	√	√	√			
		DDM	PWM	√	√	√	√			
		DSM	PWM	√	√	√	√			
		EATC	PWM	√	√	√	√			
		LCM	PWM	√	√	√	√			
		LTM	ISO	√	√	√	√			
		MCM	PWM	√	√	√	√			
		PAM	ISO	√	√	√	√			
		NAV	PWM	√	√	√	√			
		VDM	HSCAN	√	√	√	√			
		CROWN VICTORIA 4.6L	PCM	CAN	√	√	√	√	√	S1
ABS	CAN		√	√	√	√	√			
RCM	ISO		√	√	√	√	√			
DDM	PWM		√	√	√	√	√			

## Usa Ford **V38.00** Diagnostics List (Note:For reference only)

Year	Vehicle	System	Protocol	Functions						
				Sys. Info.	Read code	Clear code	Data stream	Actuation	Special functions	Others
		LCM	PWM	√	√	√	√	√		
		ICM	CAN	√	√	√	√	√		
		MCM	PWM	√	√	√	√			
	ECONOLINE 6.0L DIESEL	PCM	CAN	√	√	√	√	√	S1	
		TCM	CAN	√	√	√	√	√		
		ABS	ISO	√	√	√	√	√		
		RCM	ISO	√	√	√	√	√		
		ICM	CAN	√	√	√	√	√		
		PCM	CAN	√	√	√	√	√	S1	
	ECONOLINE 4.6L	ABS	ISO	√	√	√	√	√		
		RCM	ISO	√	√	√	√	√		
		ICM	CAN	√	√	√	√	√		
		PAM	ISO	√	√	√	√	√		
		PCM	CAN	√	√	√	√	√	S1	
	ECONOLINE 5.4L	ABS	ISO	√	√	√	√	√		
		RCM	ISO	√	√	√	√	√		
		ICM	CAN	√	√	√	√	√		
		PCM	CAN	√	√	√	√	√	S1	
	ECONOLINE 6.8L	ABS	ISO	√	√	√	√	√		
		RCM	ISO	√	√	√	√	√		
ICM		CAN	√	√	√	√	√			
PCM		CAN	√	√	√	√	√	S1		
		PCM	CAN	√	√	√	√	√	S1	
		ABS	CAN	√	√	√	√	√		

## Usa Ford **V38.00** Diagnostics List (Note:For reference only)

Year	Vehicle	System	Protocol	Functions						
				Sys. Info.	Read code	Clear code	Data stream	Actuation	Special functions	Others
	EDGE 3.5L	RCM	CAN		√	√	√			
		ICM	CAN	√	√	√	√	√		
		GEM	CAN		√	√	√			
		ACM	CAN	√	√	√	√	√		
		DSM	CAN	√	√	√	√	√		
		EATC	CAN	√	√	√	√	√		
		PAM	CAN	√	√	√	√	√		
		OCS	CAN	√	√	√	√			
	ACMN	CAN	√	√	√					
	ESCAPE 2.3L	PCM	CAN	√	√	√	√	√	S1	
		ABS	CAN	√	√	√	√	√		
		RCM	ISO	√	√	√	√	√		
		ICM	CAN	√	√	√	√	√		
		GEM	CAN		√	√	√			
		PAM	ISO	√	√	√	√	√		
	ESCAPE 3.0L	PCM	CAN	√	√	√	√	√	S1	
		ABS	CAN	√	√	√	√	√	S3	
		RCM	ISO	√	√	√	√	√		
		ICM	CAN	√	√	√	√	√	S3	
		GEM	CAN		√	√	√			
		PAM	ISO	√	√	√	√	√		
		PCM	CAN	√	√	√	√	√	S1	
		RCM	ISO	√	√	√	√	√		

## Usa Ford **V38.00** Diagnostics List (Note:For reference only)

Year	Vehicle	System	Protocol	Functions						
				Sys. Info.	Read code	Clear code	Data stream	Actuation	Special functions	Others
	ESCAPE HYBRID 2.3L	ICM	CAN	√	√	√	√	√		
		GEM	CAN		√	√	√			
		PAM	ISO	√	√	√	√	√		
		TCM	CAN	√	√	√	√	√		
	EXPEDITION 5.4L	PCM	CAN	√	√	√	√	√	S1	
		ABS	CAN	√	√	√	√	√		
		RCM	CAN		√	√	√			
		ICM	CAN	√	√	√	√	√		
		GEM	CAN		√	√	√			
		PAM	CAN		√	√	√			
		DSM	CAN	√	√	√	√	√		
		EATC	CAN	√	√	√	√	√		
		TCM	CAN	√	√	√	√	√		
		LTM	CAN		√	√	√			
		VDM	CAN	√	√	√	√	√		
		EPS	CAN	√	√	√	√			
		ACMN	CAN	√	√	√				
	EXPEDITION EL 5.4L	PCM	CAN	√	√	√	√	√	S1	
		TCM	CAN	√	√	√	√	√		
		ABS	CAN	√	√	√	√	√		
		RCM	CAN		√	√	√			
ICM		CAN	√	√	√	√	√			
DSM		CAN	√	√	√	√	√			

## Usa Ford **V38.00** Diagnostics List (Note:For reference only)

Year	Vehicle	System	Protocol	Functions							
				Sys. Info.	Read code	Clear code	Data stream	Actuation	Special functions	Others	
		GEM	CAN		√	√	√				
		EATC	CAN	√	√	√	√	√			
		VDM	CAN	√	√	√	√	√			
		EPS	CAN	√	√	√	√				
		ACMN	CAN	√	√	√					
	EXPLORER 4.0L	PCM	CAN	√	√	√	√	√		S1	
		ABS	CAN	√	√	√	√	√			
		RCM	CAN	√	√	√	√				
		ICM	CAN	√	√	√	√	√			
		ACM	CAN		√	√	√				
		GEM	CAN		√	√	√				
		EATC	CAN	√	√	√	√	√			
		DSM	CAN	√	√	√	√	√			
		PAM	CAN	√	√	√	√	√			
		OCS	CAN	√	√	√	√				
	ACMN	CAN	√	√	√						
	EXPLORER 4.6L	PCM	CAN	√	√	√	√	√		S1	
		ABS	CAN	√	√	√	√	√			
		RCM	CAN	√	√	√	√				
		ICM	CAN	√	√	√	√	√			
		GEM	CAN		√	√	√				
PAM		ISO	√	√	√	√	√				
ACM		CAN		√	√	√					



## Usa Ford **V38.00** Diagnostics List (Note:For reference only)

Year	Vehicle	System	Protocol	Functions						
				Sys. Info.	Read code	Clear code	Data stream	Actuation	Special functions	Others
		EATC	CAN	√	√	√	√	√		
		DSM	CAN	√	√	√	√	√		
		TCM	CAN	√	√	√	√	√		
		OCS	CAN	√	√	√	√			
		ACMN	CAN	√	√	√				
	EXPLORER SPORT T 4.0L	PCM	CAN	√	√	√	√	√	S1	
		ABS	CAN	√	√	√	√	√		
		RCM	CAN	√	√	√	√			
		ICM	CAN	√	√	√	√	√		
		GEM	CAN		√	√	√			
		EATC	CAN	√	√	√	√	√		
		PAM	CAN	√	√	√	√	√		
		OCS	CAN	√	√	√	√			
		ACMN	CAN	√	√	√				
	EXPLORER SPORT T 4.6L	PCM	CAN	√	√	√	√	√	S1	
		TCM	CAN	√	√	√	√	√		
		ABS	CAN	√	√	√	√	√		
		RCM	CAN	√	√	√	√			
		ICM	CAN	√	√	√	√	√		
		GEM	CAN		√	√	√			
EATC		CAN	√	√	√	√	√			
PAM		CAN	√	√	√	√	√			
OCS		CAN	√	√	√	√				

**Usa Ford V38.00 Diagnostics List** (Note:For reference only)

Year	Vehicle	System	Protocol	Functions						
				Sys. Info.	Read code	Clear code	Data stream	Actuation	Special functions	Others
		ACMN	CAN	√	√	√				
	F-150 4.2L	PCM	CAN	√	√	√	√	√	S1	
		ABS	CAN	√	√	√	√	√		
		RCM	ISO	√	√	√	√	√		
		ICM	CAN	√	√	√	√	√		
		ACM	CAN		√	√	√			
		PAM	ISO	√	√	√	√	√		
		ACMN	CAN	√	√	√				
	F-150 4.6L	PCM	CAN	√	√	√	√	√	S1	
		ABS	CAN	√	√	√	√	√		
		RCM	ISO	√	√	√	√	√		
		ICM	CAN	√	√	√	√	√		
		ACM	CAN		√	√	√			
		PAM	ISO	√	√	√	√	√		
		ACMN	CAN	√	√	√				
	F-150 5.4L	PCM	CAN	√	√	√	√	√	S1	
		ABS	CAN	√	√	√	√	√		
		RCM	ISO	√	√	√	√	√		
		ICM	CAN	√	√	√	√	√		
		ACM	CAN		√	√	√			
		PAM	ISO	√	√	√	√	√		
		ACMN	CAN	√	√	√				
		PCM	CAN	√	√	√	√	√	S1	

## Usa Ford **V38.00** Diagnostics List (Note:For reference only)

Year	Vehicle	System	Protocol	Functions							
				Sys. Info.	Read code	Clear code	Data stream	Actuation	Special functions	Others	
	FIVE HUNDERED 3.0L	ABS	CAN	√	√	√	√	√			
		RCM	CAN		√	√	√				
		ICM	CAN	√	√	√	√	√			
		GEM	CAN		√	√	√				
		PAM	ISO	√	√	√	√	√			
		ACM	CAN		√	√	√				
		EATC	CAN	√	√	√	√	√			
		DSM	CAN	√	√	√	√	√			
		TCM	CAN	√	√	√	√	√			
			ACMN	CAN	√	√	√				
		FOCUS 2.3L	PCM	CAN	√	√	√	√	√	S1	
			ABS	CAN	√	√	√	√	√		
			RCM	CAN	√	√	√	√			
			ICM	CAN	√	√	√	√			
			GEM	CAN	√	√	√	√			
		FOCUS 2.0L PZEV	PCM	CAN	√	√	√	√	√	S1	
			ABS	CAN	√	√	√	√	√		
			RCM	CAN		√	√	√			
			ICM	CAN		√	√	√			
			GEM	ISO	√	√	√	√	√		
		FOCUS 2.0L NON-PZEV	PCM	CAN	√	√	√	√	√	S1	
			ABS	CAN	√	√	√	√	√		
			RCM	CAN		√	√	√		S18	

## Usa Ford **V38.00** Diagnostics List (Note:For reference only)

Year	Vehicle	System	Protocol	Functions						
				Sys. Info.	Read code	Clear code	Data stream	Actuation	Special functions	Others
		ICM	CAN		√	√	√			
		GEM	ISO	√	√	√	√	√		
	FREESTAR 3.9L	PCM	CAN	√	√	√	√	√	S1	
		ABS	CAN	√	√	√	√			
		RCM	ISO	√	√	√	√	√		
		ICM	CAN	√	√	√	√	√		
		GEM	ISO	√	√	√	√	√		
		PAM	ISO	√	√	√	√	√		
		LTM	ISO	√	√	√	√			
	FREESTAR 4.2L	PCM	CAN	√	√	√	√	√	S1	
		ABS	CAN	√	√	√	√			
		RCM	ISO	√	√	√	√	√		
		ICM	CAN	√	√	√	√	√		
		GEM	ISO	√	√	√	√	√		
		PAM	ISO	√	√	√	√	√		
		LTM	ISO	√	√	√	√			
	FREESTYLE 3.0L	PCM	CAN	√	√	√	√	√	S1	
		ABS	CAN	√	√	√	√	√		
		RCM	CAN		√	√	√			
		ICM	CAN	√	√	√	√	√		
		GEM	CAN		√	√	√			
PAM		ISO	√	√	√	√	√			
ACM		CAN		√	√	√				

## Usa Ford **V38.00** Diagnostics List (Note:For reference only)

Year	Vehicle	System	Protocol	Functions						
				Sys. Info.	Read code	Clear code	Data stream	Actuation	Special functions	Others
		EATC	CAN	√	√	√	√	√		
		DSM	CAN	√	√	√	√	√		
		TCM	CAN	√	√	√	√	√		
		ACMN	CAN	√	√	√				
	F-SERIES SUPER DUTY 5.4L	PCM	CAN	√	√	√	√	√	S1	
		TCM	CAN	√	√	√	√	√		
		ABS	CAN	√	√	√	√			
		ICM	CAN	√	√	√	√	√		
		PAM	ISO	√	√	√	√	√		
		TBC	CAN	√	√	√	√			
	F-SERIES SUPER DUTY 6.0L DIESEL	PCM	CAN	√	√	√	√	√	S1	
		ABS	CAN	√	√	√	√			
		ICM	CAN	√	√	√	√	√		
		PAM	ISO	√	√	√	√	√		
		TCM	CAN	√	√	√	√	√		
		TBC	CAN	√	√	√	√			
	F-SERIES SUPER DUTY 6.4L DIESEL	PCM	CAN	√	√	√	√	√	S1	
		TCM	CAN	√	√	√	√	√		
		ABS	CAN	√	√	√	√			
		ICM	CAN	√	√	√	√	√		
		TBC	CAN	√	√	√	√			
	PCM	CAN	√	√	√	√	√	S1		
	ABS	CAN	√	√	√	√				

## Usa Ford **V38.00** Diagnostics List (Note:For reference only)

Year	Vehicle	System	Protocol	Functions						
				Sys. Info.	Read code	Clear code	Data stream	Actuation	Special functions	Others
2007	F-SERIES SUPER DUTY 6.8L	ICM	CAN	√	√	√	√	√		
		PAM	ISO	√	√	√	√	√		
		TBC	CAN	√	√	√	√			
	FUSION 2.3L	PCM	CAN	√	√	√	√	√	S1	
		ABS	CAN	√	√	√	√	√		
		RCM	CAN		√	√	√			
		ICM	CAN	√	√	√	√	√		
		GEM	CAN		√	√	√			
		ACM	CAN		√	√	√			
		EATC	CAN	√	√	√	√	√		
		TCM	CAN	√	√	√	√	√		
		OCS	CAN	√	√	√	√			
		FUSION 3.0L	PCM	CAN	√	√	√	√	√	S1
	ABS		CAN	√	√	√	√	√		
	RCM		CAN		√	√	√			
	ICM		CAN	√	√	√	√	√		
	GEM		CAN		√	√	√			
	ACM		CAN		√	√	√			
	EATC		CAN	√	√	√	√	√		
	TCM		CAN	√	√	√	√	√		
	OCS		CAN	√	√	√	√			
		PCM	CAN	√	√	√	√	√	S1	
		ABS	CAN	√	√	√	√	√		

## Usa Ford **V38.00** Diagnostics List (Note:For reference only)

Year	Vehicle	System	Protocol	Functions						
				Sys. Info.	Read code	Clear code	Data stream	Actuation	Special functions	Others
	GRAND MARQUIS 4.6L	RCM	ISO	√	√	√	√	√		
		DDM	PWM	√	√	√	√	√		
		LCM	PWM	√	√	√	√	√		
		ICM	CAN	√	√	√	√	√		
		MCM	PWM	√	√	√	√			
		VDM	CAN	√	√	√	√	√		
	LINCOLN MARK LT 5.4L	PCM	CAN	√	√	√	√	√	S1	
		ABS	CAN	√	√	√	√	√		
		RCM	ISO	√	√	√	√	√		
		ICM	CAN	√	√	√	√	√		
		ACM	CAN		√	√	√			
		PAM	ISO	√	√	√	√	√		
		ACMN	CAN	√	√	√				
	LINCOLN MKX 3.5L	PCM	CAN	√	√	√	√		S1	
		ABS	CAN	√	√	√	√	√		
		RCM	CAN		√	√	√			
		ICM	CAN	√	√	√	√	√		
		GEM	CAN		√	√	√			
		ACM	CAN		√	√	√			
		EATC	CAN	√	√	√	√	√		
		PAM	CAN		√	√	√			
DSM		CAN	√	√	√	√	√			
LTM		CAN		√	√	√				

## Usa Ford **V38.00** Diagnostics List (Note:For reference only)

Year	Vehicle	System	Protocol	Functions						
				Sys. Info.	Read code	Clear code	Data stream	Actuation	Special functions	Others
		EPS	CAN	√	√	√	√			
		OCS	CAN	√	√	√	√			
		ACMN	CAN	√	√	√				
		DSP	CAN	√	√	√	√			
	LINCOLN MKZ 3.5L	PCM	CAN	√	√	√	√		S1	
		ABS	CAN	√	√	√	√	√		
		RCM	CAN		√	√	√			
		ICM	CAN	√	√	√	√	√		
		GEM	CAN		√	√	√			
		ACM	CAN		√	√	√			
		DDM	CAN		√	√	√			
		EATC	CAN	√	√	√	√	√		
		DSM	CAN	√	√	√	√	√		
		TCM	CAN	√	√	√	√	√		
		EPS	CAN	√	√	√	√			
		OCS	CAN	√	√	√	√			
		ACMN	CAN	√	√	√				
		DSP	CAN	√	√	√	√			
	MARINER 2.3L	PCM	CAN	√	√	√	√	√	S1	
		ABS	CAN	√	√	√	√	√		
		RCM	ISO	√	√	√	√	√		
		ICM	CAN	√	√	√	√	√		
		GEM	CAN		√	√	√			



## Usa Ford **V38.00** Diagnostics List (Note:For reference only)

Year	Vehicle	System	Protocol	Functions						
				Sys. Info.	Read code	Clear code	Data stream	Actuation	Special functions	Others
		PAM	ISO	√	√	√	√	√		
	MARINER 3.0L	PCM	CAN	√	√	√	√	√	S1	
		ABS	CAN	√	√	√	√	√		
		RCM	ISO	√	√	√	√	√		
		ICM	CAN	√	√	√	√	√		
		GEM	CAN		√	√	√			
		PAM	ISO	√	√	√	√	√		
	MARINER HYBRID 2.3L	PCM	CAN	√	√	√	√	√	S1	
		RCM	ISO	√	√	√	√	√		
		ICM	CAN	√	√	√	√	√		
		GEM	CAN		√	√	√			
		PAM	ISO	√	√	√	√	√		
		TCM	CAN	√	√	√	√	√		
	MILAN 2.3L	PCM	CAN	√	√	√	√	√	S1	
		ABS	CAN	√	√	√	√	√		
		RCM	CAN		√	√	√			
		ICM	CAN	√	√	√	√	√		
		GEM	CAN		√	√	√			
		ACM	CAN		√	√	√			
		EATC	CAN	√	√	√	√	√		
		TCM	CAN		√	√	√			
	OCS	CAN	√	√	√	√				
		PCM	CAN	√	√	√	√	√	S1	

## Usa Ford **V38.00** Diagnostics List (Note:For reference only)

Year	Vehicle	System	Protocol	Functions						
				Sys. Info.	Read code	Clear code	Data stream	Actuation	Special functions	Others
	MILAN 3.0L	ABS	CAN	√	√	√	√	√		
		RCM	CAN		√	√	√			
		ICM	CAN	√	√	√	√	√		
		GEM	CAN		√	√	√			
		ACM	CAN		√	√	√			
		EATC	CAN	√	√	√	√	√		
		TCM	CAN		√	√	√			
	OCS	CAN	√	√	√	√				
	MONTEGO 3.0L	PCM	CAN	√	√	√	√	√	S1	
		TCM	CAN	√	√	√	√	√		
		ABS	CAN	√	√	√	√			
		RCM	CAN		√	√	√			
		ICM	CAN	√	√	√	√	√		
		GEM	CAN		√	√	√			
		PAM	ISO	√	√	√	√	√		
		ACM	CAN		√	√	√			
		DSM	CAN	√	√	√	√	√		
		EATC	CAN	√	√	√	√	√		
	ACMN	CAN	√	√	√					
	MONTEREY 4.2L	PCM	CAN	√	√	√	√	√	S1	
		ABS	CAN	√	√	√	√			
RCM		ISO	√	√	√	√	√			
ICM		CAN	√	√	√	√	√			

## Usa Ford **V38.00** Diagnostics List (Note:For reference only)

Year	Vehicle	System	Protocol	Functions						
				Sys. Info.	Read code	Clear code	Data stream	Actuation	Special functions	Others
		GEM	ISO	√	√	√	√	√		
		PAM	ISO	√	√	√	√	√		
		LTM	ISO	√	√	√	√			
	MOTORHOME 4.2L	PCM	CAN	√	√	√	√	√	S1	
		ABS	CAN	√	√	√	√			
		RCM	CAN		√	√	√			
		ICM	CAN	√	√	√	√	√		
		GEM	CAN		√	√	√			
	MOUNTAINEER 4.0L	PCM	CAN	√	√	√	√	√	S1	
		ABS	CAN	√	√	√	√	√		
		RCM	CAN		√	√	√			
		ICM	CAN	√	√	√	√	√		
		ACM	CAN		√	√	√			
		GEM	CAN		√	√	√			
		EATC	CAN	√	√	√	√	√		
		DSM	CAN	√	√	√	√	√		
		PAM	CAN	√	√	√	√	√		
		OCS	CAN	√	√	√	√			
		ACMN	CAN	√	√	√				
	PCM	CAN	√	√	√	√	√	S1		
	ABS	CAN	√	√	√	√	√			
	RCM	CAN		√	√	√				
	ICM	CAN	√	√	√	√	√			

## Usa Ford **V38.00** Diagnostics List (Note:For reference only)

Year	Vehicle	System	Protocol	Functions						
				Sys. Info.	Read code	Clear code	Data stream	Actuation	Special functions	Others
	MOUNTAINEER 4.6L	GEM	CAN		√	√	√			
		PAM	ISO	√	√	√	√	√		
		ACM	CAN		√	√	√			
		EATC	CAN	√	√	√	√	√		
		DSM	CAN	√	√	√	√	√		
		TCM	CAN	√	√	√	√	√		
		OCS	CAN	√	√	√	√			
		ACMN	CAN	√	√	√				
	MUSTANG 4.0L	PCM	CAN	√	√	√	√	√	S1	
		ABS	CAN	√	√	√	√			
		RCM	ISO	√	√	√	√	√		
		ICM	CAN		√	√	√			
		ACM	CAN		√	√	√			
		GEM	CAN		√	√	√			
		ACMN	CAN	√	√	√				
	MUSTANG 4.6L	PCM	CAN	√	√	√	√	√	S1	
		ABS	CAN	√	√	√	√			
		RCM	ISO	√	√	√	√	√		
		ICM	CAN		√	√	√			
		ACM	CAN		√	√	√			
		GEM	CAN		√	√	√			
ACMN		CAN	√	√	√					
	PCM	CAN	√	√	√	√	√	S1		

## Usa Ford **V38.00** Diagnostics List (Note:For reference only)

Year	Vehicle	System	Protocol	Functions						
				Sys. Info.	Read code	Clear code	Data stream	Actuation	Special functions	Others
	MUSTANG 5.4L	ABS	CAN	√	√	√	√			
		RCM	ISO	√	√	√	√	√		
		ICM	CAN		√	√	√			
		ACM	CAN		√	√	√			
		GEM	CAN		√	√	√			
		ACMN	CAN	√	√	√				
	NAVIGATOR 5.4L	PCM	CAN	√	√	√	√	√	S1	
		ABS	CAN	√	√	√	√	√		
		RCM	CAN		√	√	√			
		ICM	CAN	√	√	√	√	√		
		GEM	CAN		√	√	√			
		PAM	CAN		√	√	√			
		EATC	CAN	√	√	√	√	√		
		TCM	CAN	√	√	√	√	√		
		DSM	CAN	√	√	√	√	√		
		LTM	CAN		√	√	√			
		EPS	CAN	√	√	√	√			
		ACMN	CAN	√	√	√				
	DSP	CAN	√	√	√	√				
		PCM	CAN	√	√	√	√	√	S1	
TCM		CAN	√	√	√	√	√			
ABS		CAN	√	√	√	√	√			
RCM		CAN		√	√	√				

## Usa Ford **V38.00** Diagnostics List (Note:For reference only)

Year	Vehicle	System	Protocol	Functions						
				Sys. Info.	Read code	Clear code	Data stream	Actuation	Special functions	Others
	NAVIGATOR L 5.4L	ICM	CAN	√	√	√	√	√		
		EATC	CAN	√	√	√	√	√		
		GEM	CAN		√	√	√			
		DSM	CAN	√	√	√	√	√		
		LTM	CAN		√	√	√			
		EPS	CAN	√	√	√	√			
		ACMN	CAN	√	√	√				
	DSP	CAN	√	√	√	√				
	RANGER 2.3L	PCM	CAN	√	√	√	√	√	S1	
		ABS	ISO	√	√	√	√	√		
		RCM	CAN		√	√	√			
		ICM	CAN		√	√	√			
		ACM	CAN		√	√	√			
		GEM	CAN		√	√	√			
		OCS	CAN	√	√	√	√			
	RANGER 3.0L	PCM	CAN	√	√	√	√	√	S1	
		ABS	ISO	√	√	√	√	√		
		RCM	CAN		√	√	√			
		ICM	CAN		√	√	√			
		ACM	CAN		√	√	√			
		GEM	CAN		√	√	√			
OCS		CAN	√	√	√	√				
PCM	CAN	√	√	√	√	√	S1			

## Usa Ford **V38.00** Diagnostics List (Note:For reference only)

Year	Vehicle	System	Protocol	Functions						
				Sys. Info.	Read code	Clear code	Data stream	Actuation	Special functions	Others
	RANGER 4.0L	ABS	ISO	√	√	√	√	√		
		RCM	CAN		√	√	√			
		ICM	CAN		√	√	√			
		ACM	CAN		√	√	√			
		GEM	CAN		√	√	√			
		OCS	CAN	√	√	√	√			
	TAURUS 3.0L	PCM	CAN	√	√	√	√	√		
		ABS	CAN	√	√	√	√	√		
		RCM	ISO	√	√	√	√	√		
		ICM	CAN	√	√	√	√	√		
		EATC	CAN	√	√	√	√	√		
		GEM	CAN		√	√	√			
	TOWN CAR 4.6L	PCM	CAN	√	√	√	√	√	S1	
		ABS	CAN	√	√	√	√	√		
		RCM	ISO	√	√	√	√	√		
		ICM	CAN	√	√	√	√	√		
		DDM	PWM	√	√	√	√	√		
		LCM	PWM	√	√	√	√	√		
		PAM	ISO	√	√	√	√	√		
LTM		ISO	√	√	√	√				
NAV		PWM	√	√	√	√				
VDM		CAN	√	√	√	√	√			
		PCM	CAN	√	√	√	√	√	S1	

## Usa Ford **V38.00** Diagnostics List (Note:For reference only)

Year	Vehicle	System	Protocol	Functions						
				Sys. Info.	Read code	Clear code	Data stream	Actuation	Special functions	Others
	CROWN VICTORIA 4.6L	ABS	CAN	√	√	√	√	√		
		RCM	ISO	√	√	√	√	√		
		DDM	PWM	√	√	√	√	√		
		EATC	CAN	√	√	√	√			
		LCM	PWM	√	√	√	√	√		
		ICM	ISO	√	√	√	√	√		
		MCM	PWM	√	√	√	√			
	ECONOLINE 6.0L DIESEL	PCM	CAN	√	√	√	√	√	S1	
		TCM	CAN	√	√	√	√	√		
		ABS	ISO	√	√	√	√	√		
		RCM	ISO	√	√	√	√	√		
		ICM	CAN	√	√	√	√	√		
		RAP	ISO	√	√	√	√			
	ECONOLINE 4.6L	PCM	CAN	√	√	√	√	√	S1	
		ABS	ISO	√	√	√	√	√		
		RCM	ISO	√	√	√	√	√		
		ICM	CAN	√	√	√	√	√		
		RAP	ISO	√	√	√	√			
	ECONOLINE 5.4L	PCM	CAN	√	√	√	√	√	S1	
		ABS	ISO	√	√	√	√	√		
		RCM	ISO	√	√	√	√	√		
ICM		CAN	√	√	√	√	√			
RAP		ISO	√	√	√	√				



## Usa Ford **V38.00** Diagnostics List (Note:For reference only)

Year	Vehicle	System	Protocol	Functions						
				Sys. Info.	Read code	Clear code	Data stream	Actuation	Special functions	Others
	ECONOLINE 6.8L	PCM	CAN	√	√	√	√	√	S1	
		ABS	ISO	√	√	√	√	√		
		RCM	ISO	√	√	√	√	√		
		ICM	CAN	√	√	√	√	√		
		RAP	ISO	√	√	√	√			
	ESCAPE 2.3L	PCM	CAN	√	√	√	√	√	S1	
		ABS	CAN	√	√	√	√	√		
		RCM	ISO	√	√	√	√	√		
		ICM	CAN	√	√	√	√	√		
		GEM	CAN		√	√	√			
		PAM	ISO	√	√	√	√	√		
		4X4	CAN	√	√	√	√	√		
	ESCAPE 3.0L	PCM	CAN	√	√	√	√	√	S1	
		ABS	CAN	√	√	√	√	√		
		RCM	ISO	√	√	√	√	√		
		ICM	CAN	√	√	√	√	√		
		GEM	CAN		√	√	√			
		PAM	ISO	√	√	√	√	√		
		4X4	CAN	√	√	√	√	√		
	ESCAPE HYBRID 2.3L	PCM	CAN	√	√	√	√	√	S1	
ABS		CAN	√	√	√	√	√			
RCM		ISO	√	√	√	√	√			
ICM		CAN	√	√	√	√	√			



## Usa Ford **V38.00** Diagnostics List (Note:For reference only)

Year	Vehicle	System	Protocol	Functions						
				Sys. Info.	Read code	Clear code	Data stream	Actuation	Special functions	Others
		VSM	CAN	√	√	√	√			
	EXPLORER 4.0L	PCM	CAN	√	√	√	√	√	S1	
		ABS	CAN	√	√	√	√	√		
		RCM	CAN	√	√	√	√	√		
		ICM	CAN	√	√	√	√	√		
		ACM	CAN		√	√	√			
		GEM	CAN		√	√	√			
		EATC	CAN	√	√	√	√	√		
		DSM	CAN	√	√	√	√	√		
		PAM	CAN	√	√	√	√	√		
		4X4	CAN	√	√	√	√	√		
		OCS	CAN	√	√	√	√			
		ACMN	CAN	√	√	√				
	EXPLORER 4.6L	PCM	CAN	√	√	√	√	√	S1	
		TCM	CAN	√	√	√	√	√		
		ABS	CAN	√	√	√	√	√		
		RCM	CAN	√	√	√	√	√		
		ICM	CAN	√	√	√	√	√		
		GEM	CAN		√	√	√			
		ACM	CAN		√	√	√			
		EATC	CAN	√	√	√	√	√		
		DSM	CAN	√	√	√	√	√		
		PAM	CAN	√	√	√	√	√		

## Usa Ford **V38.00** Diagnostics List (Note:For reference only)

Year	Vehicle	System	Protocol	Functions						
				Sys. Info.	Read code	Clear code	Data stream	Actuation	Special functions	Others
		4X4	CAN	√	√	√	√	√		
		OCS	CAN	√	√	√	√			
		ACMN	CAN	√	√	√				
	F-150 4.2L	PCM	CAN	√	√	√	√	√	S1	
		ABS	CAN	√	√	√	√	√		
		RCM	ISO	√	√	√	√	√		
		ICM	CAN	√	√	√	√	√		
		PAM	ISO	√	√	√	√	√		
		4X4	CAN	√	√	√	√	√		
	F-150 4.6L	PCM	CAN	√	√	√	√	√	S1	
		ABS	CAN	√	√	√	√	√	S3	
		RCM	ISO	√	√	√	√	√		
		ICM	CAN	√	√	√	√	√		
		PAM	ISO	√	√	√	√	√		
		4X4	CAN	√	√	√	√	√		
	F-150 5.4L	PCM	CAN	√	√	√	√	√	S1	
		ABS	CAN	√	√	√	√	√		
		RCM	ISO	√	√	√	√	√		
		ICM	CAN	√	√	√	√	√		
		PAM	ISO	√	√	√	√	√		
4X4		CAN	√	√	√	√	√			
	PCM	CAN	√	√	√	√	√	S1		
	TCM	CAN	√	√	√	√	√			

## Usa Ford **V38.00** Diagnostics List (Note:For reference only)

Year	Vehicle	System	Protocol	Functions						
				Sys. Info.	Read code	Clear code	Data stream	Actuation	Special functions	Others
	FIVE HUNDERED 3.0L	ABS	CAN	√	√	√	√	√		
		RCM	CAN		√	√	√			
		ICM	CAN	√	√	√	√	√		
		GEM	CAN		√	√	√			
		ACM	CAN		√	√	√			
		DSM	CAN	√	√	√	√	√		
		EATC	CAN	√	√	√	√	√		
	FOCUS 2.3L	PAM	ISO	√	√	√	√	√		
		PCM	CAN	√	√	√	√	√	S1	
		ABS	CAN	√	√	√	√	√		
		RCM	CAN		√	√	√			
	FOCUS 2.0L PZEV	GEM	ISO	√	√	√	√	√		
		PCM	CAN	√	√	√	√	√	S1	
		ABS	CAN	√	√	√	√	√		
		RCM	CAN		√	√	√			
	FOCUS 2.0L	GEM	ISO	√	√	√	√	√		
		PCM	CAN	√	√	√	√	√	S1,S17	
		ABS	CAN	√	√	√	√	√		
		RCM	CAN	√	√	√	√		S18	
	FORD GT 5.4L	GEM	ISO	√	√	√	√	√		
		PCM	CAN	√	√	√	√		S1	
ABS		ISO	√	√	√	√	√			
		RCM	ISO	√	√	√	√			

## Usa Ford **V38.00** Diagnostics List (Note:For reference only)

Year	Vehicle	System	Protocol	Functions						
				Sys. Info.	Read code	Clear code	Data stream	Actuation	Special functions	Others
	FORD GT 3.4L	ICM	ISO	√	√	√	√	√		
		GEM	CAN		√	√	√			
		PATS	PWM	√	√	√	√	√		
	FORD MOTOR HOME 6.8L	PCM	CAN	√	√	√	√	√	S1	
		ABS	CAN	√	√	√	√			
		RCM	CAN	√	√	√	√			
		ICM	CAN	√	√	√	√			
		GEM	CAN	√	√	√	√			
	FREESTAR/MONTE 3.9L	PCM	CAN	√	√	√	√	√	S1	
		ABS	CAN	√	√	√	√			
		RCM	ISO	√	√	√	√	√		
		ICM	ISO	√	√	√	√	√		
		GEM	ISO	√	√	√	√	√		
		PAM	ISO	√	√	√	√	√		
		LTM	ISO	√	√	√	√			
		NGSC	PWM	√	√	√	√			
	FREESTAR/MONTE 4.2L	PCM	CAN	√	√	√	√	√	S1	
		ABS	CAN	√	√	√	√			
		RCM	ISO	√	√	√	√	√		
		ICM	ISO	√	√	√	√	√		
GEM		ISO	√	√	√	√	√			
PAM		ISO	√	√	√	√	√			
LTM		ISO	√	√	√	√				

**Usa Ford V38.00 Diagnostics List** (Note:For reference only)

Year	Vehicle	System	Protocol	Functions						
				Sys. Info.	Read code	Clear code	Data stream	Actuation	Special functions	Others
		NGSC	PWM	√	√	√	√			
	FREESTYLE 3.0L	PCM	CAN	√	√	√	√	√	S1	
		TCM	CAN	√	√	√	√	√		
		ABS	CAN	√	√	√	√	√		
		RCM	CAN		√	√	√			
		ICM	CAN	√	√	√	√	√		
		GEM	CAN		√	√	√			
		ACM	CAN		√	√	√			
		DSM	CAN	√	√	√	√	√		
		EATC	CAN	√	√	√	√	√		
		PAM	ISO	√	√	√	√	√		
	F-SERIES SUPER DUTY 5.4L	PCM	CAN	√	√	√	√	√	S1	
		ABS	CAN	√	√	√	√			
		RCM	ISO	√	√	√	√	√		
		ICM	CAN	√	√	√	√	√		
		GEM	ISO	√	√	√	√	√		
		PAM	ISO	√	√	√	√	√		
		TBC	CAN	√	√	√	√			
	F-SERIES SUPER DUTY 6.0L DIESEL	PCM	CAN	√	√	√	√	√	S1	
		TCM	CAN	√	√	√	√	√		
		ABS	CAN	√	√	√	√	√		
		ICM	CAN	√	√	√	√			
		GEM	CAN	√	√	√	√			

## Usa Ford **V38.00** Diagnostics List (Note:For reference only)

Year	Vehicle	System	Protocol	Functions						
				Sys. Info.	Read code	Clear code	Data stream	Actuation	Special functions	Others
2006		PAM	ISO	√	√	√	√	√		
		TBC	CAN	√	√	√	√			
	F-SERIES SUPER DUTY 6.8L	PCM	CAN	√	√	√	√	√	S1	
		ABS	CAN	√	√	√	√			
		RCM	ISO	√	√	√	√	√		
		ICM	CAN	√	√	√	√	√		
		GEM	ISO	√	√	√	√	√		
		PAM	ISO	√	√	√	√	√		
		TBC	CAN	√	√	√	√			
		FUSION 2.3L	PCM	CAN	√	√	√	√	√	S1
	ABS		CAN	√	√	√	√	√		
	RCM		CAN		√	√	√			
	ICM		CAN	√	√	√	√	√		
	GEM		CAN		√	√	√			
	ACM		CAN		√	√	√			
	EATC		CAN	√	√	√	√	√		
	TCM		CAN	√	√	√	√	√		
	ACMN		CAN	√	√	√				
	FUSION 3.0L		PCM	CAN	√	√	√	√	√	S1
		ABS	CAN	√	√	√	√	√		
RCM		CAN		√	√	√				
ICM		CAN	√	√	√	√	√			
GEM		CAN		√	√	√				



## Usa Ford **V38.00** Diagnostics List (Note:For reference only)

Year	Vehicle	System	Protocol	Functions						
				Sys. Info.	Read code	Clear code	Data stream	Actuation	Special functions	Others
	FUSION 3.0L	ACM	CAN		√	√	√			
		EATC	CAN	√	√	√	√	√		
		TCM	CAN	√	√	√	√	√		
		OCS	CAN	√	√	√	√	√		
		ACMN	CAN	√	√	√				
	GRAND MARQUIS 4.6L	PCM	CAN	√	√	√	√	√	S1	
		ABS	CAN	√	√	√	√	√		
		RCM	CAN	√	√	√	√			
		DDM	PWM	√	√	√	√	√		
		LCM	PWM	√	√	√	√	√		
		ICM	CAN	√	√	√	√	√		
	LS 3.0L	MCM	PWM	√	√	√	√			
		PCM	CAN	√	√	√	√	√	S1	
		ABS	CAN	√	√	√	√			
		RCM	ISO	√	√	√	√	√		
		ICM	ISO	√	√	√	√	√		
		ACM	PWM	√	√	√	√	√		
		DDM	PWM	√	√	√	√	√		
		PAM	ISO	√	√	√	√	√		
		MCM	PWM	√	√	√	√			
	NAV	PWM	√	√	√	√				
	PCM	CAN	√	√	√	√	√	S1		
	ABS	CAN	√	√	√	√				

## Usa Ford **V38.00** Diagnostics List (Note:For reference only)

Year	Vehicle	System	Protocol	Functions						
				Sys. Info.	Read code	Clear code	Data stream	Actuation	Special functions	Others
	LS 3.9L	RCM	ISO	√	√	√	√	√		
		ICM	ISO	√	√	√	√	√		
		ACM	PWM	√	√	√	√	√		
		DDM	PWM	√	√	√	√	√		
		PAM	ISO	√	√	√	√	√		
		MCM	PWM	√	√	√	√			
		NAV	PWM	√	√	√	√			
	MARINER 2.3L	PCM	CAN	√	√	√	√	√	S1	
		ABS	CAN	√	√	√	√	√		
		RCM	ISO	√	√	√	√	√		
		ICM	CAN	√	√	√	√	√		
		GEM	CAN		√	√	√			
		PAM	ISO	√	√	√	√	√		
		4X4	CAN	√	√	√	√	√		
	MARINER 3.0L	PCM	CAN	√	√	√	√	√	S1	
		ABS	CAN	√	√	√	√	√	S3	
		RCM	ISO	√	√	√	√	√		
		ICM	CAN	√	√	√	√	√		
		GEM	CAN		√	√	√			
		PAM	ISO	√	√	√	√	√		
		4X4	CAN	√	√	√	√	√		
	PCM	CAN	√	√	√	√	√	S1		
	ABS	CAN	√	√	√	√	√			

## Usa Ford **V38.00** Diagnostics List (Note:For reference only)

Year	Vehicle	System	Protocol	Functions						
				Sys. Info.	Read code	Clear code	Data stream	Actuation	Special functions	Others
	MARINER HYBRID 2.3L	RCM	ISO	√	√	√	√	√		
		ICM	CAN	√	√	√	√	√		
		GEM	CAN		√	√	√			
		TCM	CAN	√	√	√	√	√		
	MARK LT 5.4L	PCM	CAN	√	√	√	√	√	S1	
		ABS	CAN	√	√	√	√	√		
		RCM	ISO	√	√	√	√	√		
		ICM	CAN	√	√	√	√	√		
		PAM	ISO	√	√	√	√	√		
		4X4	CAN	√	√	√	√	√		
	MILAN 2.3L	PCM	CAN	√	√	√	√	√	S1	
		ABS	CAN	√	√	√	√	√		
		RCM	CAN		√	√	√			
		ICM	CAN	√	√	√	√	√		
		GEM	CAN		√	√	√			
		ACM	CAN		√	√	√			
		EATC	CAN	√	√	√	√	√		
		TCM	CAN		√	√	√			
		OCS	CAN	√	√	√	√			
		ACMN	CAN	√	√	√				
		PCM	CAN	√	√	√	√	√	S1	
		ABS	CAN	√	√	√	√	√		
		RCM	CAN		√	√	√			

## Usa Ford **V38.00** Diagnostics List (Note:For reference only)

Year	Vehicle	System	Protocol	Functions							
				Sys. Info.	Read code	Clear code	Data stream	Actuation	Special functions	Others	
	MILAN 3.0L	ICM	CAN	√	√	√	√	√			
		GEM	CAN		√	√	√				
		ACM	CAN		√	√	√				
		EATC	CAN	√	√	√	√	√			
		TCM	CAN		√	√	√				
		OCS	CAN	√	√	√	√				
		ACMN	CAN	√	√	√					
	MONTEGO 3.0L	PCM	CAN	√	√	√	√	√	√	S1	
		TCM	CAN	√	√	√	√	√			
		ABS	CAN	√	√	√	√	√			
		RCM	CAN		√	√	√				
		ICM	CAN	√	√	√	√	√			
		GEM	CAN		√	√	√				
		ACM	CAN		√	√	√				
		DSM	CAN	√	√	√	√	√			
		EATC	CAN	√	√	√	√	√			
		PAM	ISO	√	√	√	√	√			
	MONTEREY 4.2L	PCM	CAN	√	√	√	√	√	√	S1	
		ABS	CAN	√	√	√	√				
		RCM	ISO	√	√	√	√	√			
		ICM	ISO	√	√	√	√	√			
GEM		ISO	√	√	√	√	√				
PAM		ISO	√	√	√	√	√				

**Usa Ford V38.00 Diagnostics List** (Note:For reference only)

Year	Vehicle	System	Protocol	Functions						
				Sys. Info.	Read code	Clear code	Data stream	Actuation	Special functions	Others
		LTM	ISO	√	√	√	√			
		NGSC	PWM	√	√	√	√			
	MOUNTAINEER 4.0L	PCM	CAN	√	√	√	√	√	S1	
		TCM	CAN	√	√	√	√	√		
		ABS	CAN	√	√	√	√	√		
		RCM	CAN		√	√	√			
		ICM	CAN	√	√	√	√	√		
		ACM	CAN		√	√	√			
		GEM	CAN		√	√	√			
		EATC	CAN	√	√	√	√	√		
		DSM	CAN	√	√	√	√	√		
		PAM	CAN	√	√	√	√	√		
		OCS	CAN	√	√	√	√			
	ACMN	CAN	√	√	√					
	MOUNTAINEER 4.6L	PCM	CAN	√	√	√	√	√	S1	
		TCM	CAN	√	√	√	√	√		
		ABS	CAN	√	√	√	√	√		
		RCM	CAN		√	√	√			
		ICM	CAN	√	√	√	√	√		
		GEM	CAN		√	√	√			
		ACM	CAN		√	√	√			
		DSM	CAN		√	√	√			
	EATC	CAN	√	√	√	√	√			

## Usa Ford **V38.00** Diagnostics List (Note:For reference only)

Year	Vehicle	System	Protocol	Functions						
				Sys. Info.	Read code	Clear code	Data stream	Actuation	Special functions	Others
		DSM	CAN	√	√	√	√	√		
		PAM	CAN	√	√	√	√	√		
		OCS	CAN	√	√	√	√			
		ACMN	CAN	√	√	√				
	MUSTANG 4.0L	PCM	CAN	√	√	√	√	√	S1	
		ABS	CAN	√	√	√	√			
		RCM	ISO	√	√	√	√	√		
		ICM	CAN		√	√	√			
		ACM	CAN		√	√	√			
		GEM	CAN		√	√	√			
	MUSTANG 4.6L	PCM	CAN	√	√	√	√	√	S1	
		ABS	CAN	√	√	√	√			
		RCM	ISO	√	√	√	√	√		
		ICM	CAN		√	√	√			
		ACM	CAN		√	√	√			
		GEM	CAN		√	√	√			
	NAVIGATOR 5.4I	PCM	CAN	√	√	√	√	√	S1	
		ABS	CAN	√	√	√	√	√		
		RCM	ISO	√	√	√	√	√		
		ICM	CAN	√	√	√	√	√		
		PAM	ISO	√	√	√	√	√		
DSM		CAN	√	√	√	√	√			
EATC		CAN	√	√	√	√	√			

## Usa Ford **V38.00** Diagnostics List (Note:For reference only)

Year	Vehicle	System	Protocol	Functions						
				Sys. Info.	Read code	Clear code	Data stream	Actuation	Special functions	Others
	NAVIGATOR 3.4L	TCM	CAN	√	√	√	√	√		
		LTM	CAN		√	√	√			
		NAV	PWM		√	√	√			
		VDM	CAN	√	√	√	√	√		
		4X4	CAN	√	√	√	√	√		
		EPS	CAN	√	√	√	√			
		VSM	CAN	√	√	√	√			
	RANGER 2.3L	PCM	CAN	√	√	√	√	√	S1	
		ABS	ISO	√	√	√	√	√		
		RCM	ISO	√	√	√	√	√		
		ICM	CAN		√	√	√			
		GEM	ISO	√	√	√	√	√		
	RANGER 3.0L	PCM	CAN	√	√	√	√	√	S1	
		ABS	ISO	√	√	√	√	√		
		RCM	ISO	√	√	√	√	√		
		ICM	CAN		√	√	√			
		GEM	ISO	√	√	√	√	√		
	RANGER 4.0L	PCM	CAN	√	√	√	√	√	S1	
		ABS	ISO	√	√	√	√	√		
		RCM	ISO	√	√	√	√	√		
		ICM	CAN		√	√	√			
GEM		ISO	√	√	√	√	√			
		PCM	CAN	√	√	√	√	√	S1	

## Usa Ford **V38.00** Diagnostics List (Note:For reference only)

Year	Vehicle	System	Protocol	Functions						
				Sys. Info.	Read code	Clear code	Data stream	Actuation	Special functions	Others
	TAURUS 3.0L	ABS	CAN	√	√	√	√	√		
		RCM	ISO	√	√	√	√	√		
		ICM	CAN	√	√	√	√	√		
		EATC	CAN	√	√	√	√	√		
		GEM	CAN		√	√	√			
	TOWN CAR 4.6L	PCM	CAN	√	√	√	√	√	S1	
		ABS	CAN	√	√	√	√	√		
		RCM	ISO	√	√	√	√	√		
		HEC	PWM	√	√	√	√	√		
		ACM	CAN		√	√	√			
		DDM	PWM	√	√	√	√	√		
		LCM	PWM	√	√	√	√	√		
		PAM	ISO	√	√	√	√	√		
		LTM	PWM	√	√	√	√			
		MCM	PWM	√	√	√	√			
	NAV	PWM	√	√	√	√				
	ZEPHYR 3.0L	PCM	CAN	√	√	√	√		S1	
		ABS	CAN	√	√	√	√	√		
		RCM	CAN		√	√	√			
		ICM	CAN	√	√	√	√	√		
		GEM	CAN		√	√	√			
ACM		CAN		√	√	√				
DSM		CAN	√	√	√	√	√			



## Usa Ford **V38.00** Diagnostics List (Note:For reference only)

Year	Vehicle	System	Protocol	Functions						
				Sys. Info.	Read code	Clear code	Data stream	Actuation	Special functions	Others
		EATC	CAN	√	√	√	√	√		
		TCM	CAN		√	√	√			
		EPS	CAN	√	√	√	√			
		OCS	CAN	√	√	√	√			
		ACMN	CAN	√	√	√				
		DSP	CAN	√	√	√	√			
	AVIATOR 4.6L	PCM	PWM	√	√	√	√			
		RCM	ISO	√	√	√	√	√	S4	
		DATC	PWM	√	√	√	√	√		
		DCSM	ISO	√	√	√	√	√		
		PAM	ISO	√	√	√	√	√		
		ICM	PWM	√	√	√	√	√		
		TPM	PWM	√	√	√	√			
		VAPS	PWM	√	√	√	√	√		
		NAV	PWM	√	√	√	√	√		
	CROWN VICTORIA 4.6L	PCM	CAN	√	√	√	√		S1	
			PWM	√	√	√	√	√		
		ABS	CAN	√	√	√	√			
		RCM	ISO	√	√	√	√	√	S4	
		DDM	ISO	√	√	√	√	√		
LCM		ISO	√	√	√	√	√			
RASM		PWM	√	√	√	√				
VAPS	PWM	√	√	√	√	√				

## Usa Ford **V38.00** Diagnostics List (Note:For reference only)

Year	Vehicle	System	Protocol	Functions						
				Sys. Info.	Read code	Clear code	Data stream	Actuation	Special functions	Others
		EATC	PWM	√	√	√	√			
	ECONOLINE 4.2L	PCM	CAN	√	√	√	√		S1	
		ABS	ISO	√	√	√	√	√	S2	
		ICM	CAN		√	√	√			
		TCM	CAN		√	√	√			
		RCM	ISO	√	√	√	√	√		
		RAP	ISO	√	√	√	√			
		AFCM	PWM	√	√	√	√	√		
	ECONOLINE 4.6L	PCM	CAN	√	√	√	√		S1	
		ABS	ISO	√	√	√	√	√	S2	
		ICM	CAN	√	√	√	√	√		
		TCM	CAN		√	√	√			
		RAP	ISO	√	√	√	√			
		RCM	ISO	√	√	√	√	√		
	ECONOLINE 5.4L	PCM	CAN	√	√	√	√		S1	
		ABS	ISO	√	√	√	√	√	S2	
		ICM	CAN	√	√	√	√	√		
		TCM	CAN		√	√	√			
		RAP	ISO	√	√	√	√			
		RCM	ISO	√	√	√	√	√		
	ECONOLINE 6.0L DIESEL	PCM	CAN	√	√	√	√		S1	
		ABS	ISO	√	√	√	√	√	S2	
		ICM	CAN	√	√	√	√	√		

## Usa Ford **V38.00** Diagnostics List (Note:For reference only)

Year	Vehicle	System	Protocol	Functions							
				Sys. Info.	Read code	Clear code	Data stream	Actuation	Special functions	Others	
	ECONOLINE 6.0E DIESEL	TCM	CAN		√	√	√				
		RAP	ISO	√	√	√	√				
		RCM	ISO	√	√	√	√	√			
	ECONOLINE 6.8L	PCM	CAN	√	√	√	√		S1		
		ABS	ISO	√	√	√	√	√	S2		
		ICM	CAN		√	√	√				
		TCM	CAN		√	√	√				
		RAP	ISO	√	√	√	√				
		RCM	ISO	√	√	√	√	√			
		PCM	CAN	√	√	√	√		S1		
	ESCAPE 2.3L	PCM	PWM	√	√	√	√	√	√	√	
		GEM	CAN		√	√	√				
		ABS	CAN	√	√	√	√				
			ISO	√	√	√	√	√			
		ICM	CAN	√	√	√	√	√			
		PAM	ISO	√	√	√	√	√			
		RCM	ISO	√	√	√	√	√			
		4X4	CAN	√	√	√	√	√			
	ESCAPE 2.3L HYB	PCM	CAN	√	√	√	√		S1		
		ABS	CAN	√	√	√	√				
		RCM	ISO	√	√	√	√	√			
GEM		CAN		√	√	√					
ICM		CAN	√	√	√	√	√				

## Usa Ford **V38.00** Diagnostics List (Note:For reference only)

Year	Vehicle	System	Protocol	Functions						
				Sys. Info.	Read code	Clear code	Data stream	Actuation	Special functions	Others
		TCM	CAN		√	√	√			
		4X4	CAN	√	√	√	√	√		
	ESCAPE 3.0L	PCM	CAN	√	√	√	√		S1	
			PWM	√	√	√	√			
		GEM	CAN		√	√	√			
		ABS	CAN	√	√	√	√		S3	
			ISO	√	√	√	√	√		
		ICM	CAN	√	√	√	√	√	S3	
		PAM	ISO	√	√	√	√	√		
		RCM	ISO	√	√	√	√	√		
	4X4	CAN	√	√	√	√	√			
	EXCURSION 5.4L	PCM	pwm	√	√	√	√	√		
		ABS	ISO	√	√	√	√	√	S2	
		PAM	ISO	√	√	√	√	√		
		PATS	PWM	√	√	√	√	√		
		HEC	ISO	√	√	√	√	√		
		OTC	ISO	√	√	√	√			
		GEM	ISO	√	√	√	√	√		
	RCM	ISO	√	√	√	√	√			
EXCURSION 6.8L	PCM	pwm	√	√	√	√	√			
	ABS	ISO	√	√	√	√	√	S2		
	PAM	ISO	√	√	√	√	√			
	PATS	PWM	√	√	√	√	√			

## Usa Ford **V38.00** Diagnostics List (Note:For reference only)

Year	Vehicle	System	Protocol	Functions						
				Sys. Info.	Read code	Clear code	Data stream	Actuation	Special functions	Others
	EXCURSION 6.0L	HEC	ISO	√	√	√	√	√		
		OTC	ISO	√	√	√	√			
		GEM	ISO	√	√	√	√	√		
		RCM	ISO	√	√	√	√	√		
	EXCURSION 6.0L DIESEL	PCM	CAN	√	√	√	√		S1	
		ABS	ISO	√	√	√	√	√	S2	
		TCM	CAN		√	√	√			
		PAM	ISO	√	√	√	√	√		
		PATS	PWM	√	√	√	√	√		
		HEC	ISO	√	√	√	√	√		
		OTC	ISO	√	√	√	√			
		GEM	ISO	√	√	√	√	√		
		RCM	ISO	√	√	√	√	√		
		EXPEDITION 4.6L	PCM	CAN	√	√	√	√		S1
	PWM			√	√	√	√	√		
	4X4		CAN	√	√	√	√	√		
	ABS		CAN	√	√	√	√			
	ICM		CAN	√	√	√	√	√		
	EATC		CAN		√	√	√			
	DSM		CAN	√	√	√	√	√		
	RCM		ISO	√	√	√	√	√	S4	
	PCM	CAN	√	√	√	√		S1		
		PWM	√	√	√	√	√			

## Usa Ford **V38.00** Diagnostics List (Note:For reference only)

Year	Vehicle	System	Protocol	Functions						
				Sys. Info.	Read code	Clear code	Data stream	Actuation	Special functions	Others
	EXPEDITION 5.4L	4X4	CAN	√	√	√	√	√		
		ABS	CAN	√	√	√	√			
		ICM	CAN	√	√	√	√	√		
		EATC	CAN		√	√	√			
		DSM	CAN	√	√	√	√	√		
		RCM	ISO	√	√	√	√	√	S4	
	EXPLORER 4.0L	PCM	CAN	√	√	√	√		S1	
		4X4	CAN	√	√	√	√	√		
		ICM	CAN	√	√	√	√	√		
		EATC	CAN		√	√	√			
		ABS	CAN	√	√	√	√			
		PAM	ISO	√	√	√	√	√		
	EXPLORER 4.6L	RCM	ISO	√	√	√	√	√	S4	
		PCM	CAN	√	√	√	√		S1	
		4X4	CAN	√	√	√	√	√		
		ICM	CAN	√	√	√	√	√		
		EATC	CAN		√	√	√			
		ABS	CAN	√	√	√	√			
		PCM	CAN	√	√	√	√		S1	
			PWM	√	√	√	√	√		
		ABS	ISO	√	√	√	√	√	S2	

## Usa Ford **V38.00** Diagnostics List (Note:For reference only)

Year	Vehicle	System	Protocol	Functions						
				Sys. Info.	Read code	Clear code	Data stream	Actuation	Special functions	Others
	EXPLORER SPORTTR 4.0L	RCM	ISO	√	√	√	√	√	S4	
		GEM	CAN		√	√	√			
		4X4	ISO	√	√	√	√	√		
		RAP	ISO	√	√	√	√			
		ICM	PWM	√	√	√	√	√		
	F-150 4.2L	PCM	CAN	√	√	√	√		S1	
		4X4	CAN	√	√	√	√	√		
		ICM	CAN	√	√	√	√	√		
		ABS	CAN	√	√	√	√			
		PAM	ISO	√	√	√	√	√		
	F-150 4.6L	RCM	ISO	√	√	√	√	√	S4	
		PCM	CAN	√	√	√	√		S1	
		4X4	CAN	√	√	√	√	√		
		ICM	CAN	√	√	√	√	√		
		ABS	CAN	√	√	√	√			
		PAM	ISO	√	√	√	√	√		
	F-150 5.4L	RCM	ISO	√	√	√	√	√	S4	
		PCM	CAN	√	√	√	√		S1	
4X4		CAN	√	√	√	√	√			
ICM		CAN	√	√	√	√	√			
ABS		CAN	√	√	√	√				
PAM		ISO	√	√	√	√	√			

## Usa Ford **V38.00** Diagnostics List (Note:For reference only)

Year	Vehicle	System	Protocol	Functions						
				Sys. Info.	Read code	Clear code	Data stream	Actuation	Special functions	Others
	F-SERIES SUPER D 6.0L DIESEL	PCM	CAN	√	√	√	√		S1	
		ICM	CAN	√	√	√	√	√		
		TCM	CAN		√	√	√			
		ABS	CAN	√	√	√	√			
		PAM	ISO	√	√	√	√	√		
		GEM	ISO	√	√	√	√	√		
		RCM	ISO	√	√	√	√	√		
	F-SERIES SUPER D 5.4L	PCM	CAN	√	√	√	√		S1	
			PWM	√	√	√	√	√		
		ICM	CAN	√	√	√	√	√		
		ABS	CAN	√	√	√	√			
		TCM	CAN		√	√	√			
		PAM	ISO	√	√	√	√	√		
		GEM	ISO	√	√	√	√	√		
		RCM	ISO	√	√	√	√	√		
	F-SERIES SUPER D 6.8L	PCM	CAN	√	√	√	√		S1	
			PWM	√	√	√	√	√		
		ICM	CAN	√	√	√	√	√		
		ABS	CAN	√	√	√	√			
		TCM	CAN		√	√	√			
		PAM	ISO	√	√	√	√	√		
GEM		ISO	√	√	√	√	√			
RCM		ISO	√	√	√	√	√			



## Usa Ford **V38.00** Diagnostics List (Note:For reference only)

Year	Vehicle	System	Protocol	Functions						
				Sys. Info.	Read code	Clear code	Data stream	Actuation	Special functions	Others
	F800 5.9L CUMMINS	ABS	ISO	√	√	√	√	√	S2	
		GEM	ISO	√	√	√	√	√		
	F650/750 6.0L DIESEL	ABS	ISO	√	√	√	√	√	S2	
		GEM	ISO	√	√	√	√	√		
	F650/750 7.2L DIESEL	ABS	ISO	√	√	√	√	√	S2	
		GEM	ISO	√	√	√	√	√		
	FIVE HUNDERED 3.0L	PCM	CAN	√	√	√	√		S1	
		4X4	CAN		√	√	√			
		ABS	CAN	√	√	√	√			
		DSM	CAN	√	√	√	√	√		
		ACM	CAN		√	√	√			
		ICM	CAN	√	√	√	√	√		
		RCM	CAN		√	√	√			
		EATC	CAN		√	√	√			
		GEM	CAN		√	√	√			
		TCM	CAN		√	√	√			
		ACMN	CAN	√	√	√				
	FOCUS 2.3L	PCM	CAN	√	√	√	√		S1	
		ABS	CAN	√	√	√	√			
		ICM	CAN		√	√	√			
GEM		ISO	√	√	√	√	√			
RCM		CAN		√	√	√				
		PCM	CAN	√	√	√	√		S1	

## Usa Ford **V38.00** Diagnostics List (Note:For reference only)

Year	Vehicle	System	Protocol	Functions						
				Sys. Info.	Read code	Clear code	Data stream	Actuation	Special functions	Others
2005	FOCUS 2.0L	PCM	PWM	√	√	√	√			
		ABS	CAN	√	√	√	√			
		ICM	CAN		√	√	√			
		GEM	ISO	√	√	√	√	√		
		RCM	CAN	√	√	√	√		S18	
	FOCUS 2.0L PZEV	PCM	CAN	√	√	√	√		S1	
		ABS	CAN	√	√	√	√			
	FORD GT 5.4L	PCM	CAN	√	√	√	√		S1	
		GEM	CAN		√	√	√			
	FREESTAR 3.9L	PCM	PWM	√	√	√	√	√		
		ABS	PWM		√	√	√			
		RCM	ISO	√	√	√	√	√	S4	
		DATC	PWM	√	√	√	√			
		DCSM	ISO	√	√	√	√			
		PAM	ISO	√	√	√	√	√		
		GEM	ISO	√	√	√	√	√		
NGSC		PWM	√	√	√	√				
PSD1		ISO	√	√	√	√	√			
PSD2		ISO	√	√	√	√	√			
ICM		PWM	√	√	√	√				
LTM	ISO	√	√	√	√	√				
	PCM	PWM	√	√	√	√	√			
	ABS	PWM		√	√	√				

## Usa Ford **V38.00** Diagnostics List (Note:For reference only)

Year	Vehicle	System	Protocol	Functions						
				Sys. Info.	Read code	Clear code	Data stream	Actuation	Special functions	Others
	FREESTAR 4.2L	RCM	ISO	√	√	√	√	√	S4	
		DATC	PWM	√	√	√	√			
		DCSM	ISO	√	√	√	√			
		PAM	ISO	√	√	√	√	√		
		GEM	ISO	√	√	√	√	√		
		NGSC	PWM	√	√	√	√			
		PSD1	ISO	√	√	√	√	√		
		PSD2	ISO	√	√	√	√	√		
		ICM	PWM	√	√	√	√			
		LTM	ISO	√	√	√	√	√		
	FREESTYLE 3.0L	PCM	CAN	√	√	√	√		S1	
		4X4	CAN		√	√	√			
		ABS	CAN	√	√	√	√			
		DSM	CAN	√	√	√	√	√		
		ACM	CAN		√	√	√			
		ICM	CAN	√	√	√	√	√		
		RCM	CAN		√	√	√			
		EATC	CAN		√	√	√			
		GEM	CAN		√	√	√			
		TCM	CAN		√	√	√			
ACMN	CAN	√	√	√						
PCM	CAN	√	√	√	√		S1			
	PWM	√	√	√	√					

## Usa Ford **V38.00** Diagnostics List (Note:For reference only)

Year	Vehicle	System	Protocol	Functions							
				Sys. Info.	Read code	Clear code	Data stream	Actuation	Special functions	Others	
	GRAND MARQUIS 4.6L	ABS	CAN	√	√	√	√				
		RCM	ISO	√	√	√	√	√	S4		
		DDM	ISO	√	√	√	√	√			
		LCM	ISO	√	√	√	√	√			
		RASM	PWM	√	√	√	√				
		VAPS	PWM	√	√	√	√	√			
		EATC	PWM	√	√	√	√				
	LS 3.0L	PCM	CAN	√	√	√	√			S1	
		ABS	PWM		√	√	√				
		ICM	CAN		√	√	√				
			PWM	√	√	√	√	√			
		RCM	ISO	√	√	√	√	√			
		ACM	PWM	√	√	√	√	√			
		DATC	PWM	√	√	√	√	√			
		DCSM	ISO	√	√	√	√	√			
		DSM	PWM	√	√	√	√	√			
		DDM	PWM	√	√	√	√	√			
		FEM	ISO	√	√	√	√	√			
		EPB	PWM	√	√	√	√	√			
		MCM	PWM	√	√	√	√	√			
		NAV	PWM	√	√	√	√	√			
			PCM	CAN	√	√	√	√			S1
	ABS		PWM		√	√	√				

## Usa Ford **V38.00** Diagnostics List (Note:For reference only)

Year	Vehicle	System	Protocol	Functions						
				Sys. Info.	Read code	Clear code	Data stream	Actuation	Special functions	Others
	LS 3.9L	ICM	CAN		√	√	√			
			PWM	√	√	√	√	√		
		RCM	ISO	√	√	√	√	√		
		ACM	PWM	√	√	√	√	√		
		DATC	PWM	√	√	√	√	√		
		DCSM	ISO	√	√	√	√	√		
		DSM	PWM	√	√	√	√	√		
		DDM	PWM	√	√	√	√	√		
		FEM	ISO	√	√	√	√	√		
		EPB	PWM	√	√	√	√	√		
		MCM	PWM	√	√	√	√	√		
		NAV	PWM	√	√	√	√	√		
	MARINER 2.3L	PCM	CAN	√	√	√	√		S1	
			PWM	√	√	√	√	√		
		4X4	CAN		√	√	√			
		ICM	CAN	√	√	√	√	√		
		GEM	CAN		√	√	√			
		ABS	CAN	√	√	√	√			
			ISO	√	√	√	√	√		
		PAM	ISO	√	√	√	√	√		
RCM		ISO	√	√	√	√	√			
4X4	CAN	√	√	√	√	√				
PCM	CAN	√	√	√	√		S1			

## Usa Ford **V38.00** Diagnostics List (Note:For reference only)

Year	Vehicle	System	Protocol	Functions						
				Sys. Info.	Read code	Clear code	Data stream	Actuation	Special functions	Others
	MARINER 3.0L	PCM	PWM	√	√	√	√	√		
		4X4	CAN		√	√	√			
		ICM	CAN	√	√	√	√	√		
		GEM	CAN		√	√	√			
		ABS	CAN	√	√	√	√			
			ISO	√	√	√	√	√		
		PAM	ISO	√	√	√	√	√		
		RCM	ISO	√	√	√	√	√		
	4X4	CAN	√	√	√	√	√			
	MONTEGO 3.0L	PCM	CAN	√	√	√	√		S1	
		4X4	CAN		√	√	√			
		ABS	CAN	√	√	√	√			
		DSM	CAN	√	√	√	√	√		
		ACM	CAN		√	√	√			
		ICM	CAN	√	√	√	√	√		
		RCM	CAN		√	√	√			
		EATC	CAN		√	√	√			
		GEM	CAN		√	√	√			
		TCM	CAN		√	√	√			
		ACMN	CAN	√	√	√				
		PCM	PWM	√	√	√	√	√		
ABS		PWM		√	√	√				
RCM		ISO	√	√	√	√	√	S4		

## Usa Ford **V38.00** Diagnostics List (Note:For reference only)

Year	Vehicle	System	Protocol	Functions						
				Sys. Info.	Read code	Clear code	Data stream	Actuation	Special functions	Others
	MONTEREY 4.2L	DATC	PWM	√	√	√	√	√		
		DCSM	ISO	√	√	√	√	√		
		PAM	ISO	√	√	√	√	√		
		GEM	ISO	√	√	√	√	√		
		NGSC	PWM	√	√	√	√			
		PSD1	ISO	√	√	√	√	√		
		PSD2	ISO	√	√	√	√	√		
		ICM	PWM	√	√	√	√	√		
	LTM	ISO	√	√	√	√	√			
	MOUNTAINEER 4.0L	PCM	CAN	√	√	√	√		S1	
		4X4	CAN		√	√	√			
		ICM	CAN	√	√	√	√	√		
		EATC	CAN		√	√	√			
		ABS	CAN	√	√	√	√			
		PAM	ISO	√	√	√	√	√		
		RCM	ISO	√	√	√	√	√	S4	
	MOUNTAINEER 4.6L	PCM	CAN	√	√	√	√		S1	
		4X4	CAN		√	√	√			
		ICM	CAN	√	√	√	√	√		
		EATC	CAN		√	√	√			
		ABS	CAN	√	√	√	√			
PAM		ISO	√	√	√	√	√			
RCM		ISO	√	√	√	√	√	S4		

## Usa Ford **V38.00** Diagnostics List (Note:For reference only)

Year	Vehicle	System	Protocol	Functions						
				Sys. Info.	Read code	Clear code	Data stream	Actuation	Special functions	Others
	MUSTANG 4.0L	PCM	CAN	√	√	√	√		S1	
			PWM	√	√	√	√	√		
		ABS	CAN	√	√	√	√			
			iso	√	√	√	√	√		
		ACM	CAN		√	√	√			
		GEM	CAN		√	√	√			
		ICM	CAN		√	√	√			
		RCM	ISO	√	√	√	√	√		
	ACMN	CAN	√	√	√					
	MUSTANG 4.6L	PCM	CAN	√	√	√	√		S1	
			PWM	√	√	√	√	√		
		ABS	CAN	√	√	√	√			
			iso	√	√	√	√	√		
		ACM	CAN		√	√	√			
		GEM	CAN		√	√	√			
		ICM	CAN		√	√	√			
		RCM	ISO	√	√	√	√	√		
	ACMN	CAN	√	√	√					
	NAVIGATOR 5.4I	PCM	CAN	√	√	√	√		S1	
			PWM	√	√	√	√	√		
		4X4	CAN	√	√	√	√	√		
		ABS	CAN	√	√	√	√			
		ICM	CAN	√	√	√	√	√		



## Usa Ford **V38.00** Diagnostics List (Note:For reference only)

Year	Vehicle	System	Protocol	Functions						
				Sys. Info.	Read code	Clear code	Data stream	Actuation	Special functions	Others
	NAVIGATOR 3.4L	DSM	CAN	√	√	√	√	√		
		EATC	CAN		√	√	√			
		TCM	CAN		√	√	√			
		RCM	ISO	√	√	√	√	√	S4	
		NAV	PWM	√	√	√	√	√		
	RANGER 2.3L	PCM	CAN	√	√	√	√		S1	
			PWM	√	√	√	√	√		
		ICM	CAN		√	√	√			
		RCM	ISO	√	√	√	√	√		
		GEM	ISO	√	√	√	√	√		
		4X4	ISO	√	√	√	√	√		
	RANGER 3.0L	PCM	CAN	√	√	√	√		S1	
			PWM	√	√	√	√	√		
		ICM	CAN		√	√	√			
		RCM	ISO	√	√	√	√	√		
		GEM	ISO	√	√	√	√	√		
		4X4	ISO	√	√	√	√	√		
	RANGER 4.0L	PCM	CAN	√	√	√	√		S1	
			PWM	√	√	√	√	√		
		ICM	CAN		√	√	√			
		RCM	ISO	√	√	√	√	√		
GEM		ISO	√	√	√	√	√			
4X4		ISO	√	√	√	√	√			

## Usa Ford **V38.00** Diagnostics List (Note:For reference only)

Year	Vehicle	System	Protocol	Functions						
				Sys. Info.	Read code	Clear code	Data stream	Actuation	Special functions	Others
	SABLE 3.0L	PCM	CAN	√	√	√	√		S1	
		ICM	CAN		√	√	√			
		RCM	ISO	√	√	√	√	√	S4	
	TAURUS 3.0L	PCM	CAN	√	√	√	√		S1	
			PWM	√	√	√	√			
		ABS	CAN	√	√	√	√			
		ICM	CAN		√	√	√			
		GEM	CAN		√	√	√			
		EATC	CAN		√	√	√			
		RCM	ISO	√	√	√	√	√	S4	
	THUNDERBIRD 3.9L	PCM	CAN	√	√	√	√		S1	
		ABS	PWM		√	√	√			
		RCM	ISO	√	√	√	√	√		
		ACM	PWM	√	√	√	√	√		
		DATC	PWM	√	√	√	√	√		
		DDM	PWM	√	√	√	√	√		
		FEM	ISO	√	√	√	√	√		
		ICM	PWM	√	√	√	√	√		
		PCM	CAN	√	√	√	√		S1	
		ABS	ISO	√	√	√	√	√		
RCM		ISO	√	√	√	√	√	S4		
ACM		PWM	√	√	√	√	√			
DATC		PWM	√	√	√	√	√			

## Usa Ford **V38.00** Diagnostics List (Note:For reference only)

Year	Vehicle	System	Protocol	Functions						
				Sys. Info.	Read code	Clear code	Data stream	Actuation	Special functions	Others
	TOWN CAR 4.6L	DSM	PWM	√	√	√	√	√		
		LCM	PWM	√	√	√	√	√		
		HEC	PWM	√	√	√	√	√		
		DDM	PWM	√	√	√	√	√		
		LTM	ISO	√	√	√	√	√		
		RASM	PWM	√	√	√	√			
		MCM	PWM	√	√	√	√	√		
		NAV	PWM	√	√	√	√	√		
	AVIATOR 4.6L	PCM	PWM	√	√	√	√		S1,S11,S13	
		4X4	UBP		√	√	√			
		ABS	PWM		√	√	√			
		CSM	ISO/PWM	√	√	√	√		S5	
		DSM	ISO	√	√	√	√	√		
		ICM	ISO	√	√	√	√	√		
		PAM	ISO	√	√	√	√			
		RCM	ISO	√	√	√	√	√	S4	
	TPM	ISO	√	√	√	√				
	CROWN VICTORIA 4.6L	PCM	PWM	√	√	√	√		S1,S11,S13	
ABS		ISO	√	√	√	√	√			
AFCM		ISO	√	√	√	√				
DDM		ISO	√	√	√	√	√	S6,S7		
EATC		PWM	√	√	√	√				
LCM		ISO	√	√	√	√				

## Usa Ford **V38.00** Diagnostics List (Note:For reference only)

Year	Vehicle	System	Protocol	Functions						
				Sys. Info.	Read code	Clear code	Data stream	Actuation	Special functions	Others
		MCM	ISO	√	√	√	√			
		RASM	ISO	√	√	√	√			
		RCM	ISO	√	√	√	√	√	S4	
	ECONOLINE E150 4.2L	PCM	PWM	√	√	√	√			
		ABS	ISO	√	√	√	√	√		
		ICM	ISO	√	√	√	√			
		RCM	ISO	√	√	√	√	√		
	ECONOLINE E150 4.6L	PCM	PWM	√	√	√	√			
		ABS	ISO	√	√	√	√	√		
		ICM	ISO	√	√	√	√			
		RCM	ISO	√	√	√	√	√		
	ECONOLINE 5.4L	PCM	PWM	√	√	√	√			
		ABS	ISO	√	√	√	√	√		
		AFCM	ISO	√	√	√	√			
		ICM	ISO	√	√	√	√			
		RCM	ISO	√	√	√	√	√		
	ECONOLINE 6.0L DIESEL	PCM	CAN	√	√	√	√		S1	
		ABS	ISO	√	√	√	√	√		
		ICM	ISO	√	√	√	√			
		RCM	ISO	√	√	√	√	√		
		TCM	CAN		√	√	√			
ECONOLINE 6.8L	PCM	PWM	√	√	√	√				
	ABS	ISO	√	√	√	√	√			

## Usa Ford **V38.00** Diagnostics List (Note:For reference only)

Year	Vehicle	System	Protocol	Functions						
				Sys. Info.	Read code	Clear code	Data stream	Actuation	Special functions	Others
	ECONOLINE 6.8L	ICM	ISO	√	√	√	√			
		RCM	ISO	√	√	√	√	√		
	ESCAPE 2.0L(TRIBUTE)	PCM	PWM	√	√	√	√		S1,S11,S13	
		ABS	ISO	√	√	√	√	√		
		GEM	ISO	√	√	√	√	√	S6	
		ICM	ISO	√	√	√	√		S7	
		RCM	ISO	√	√	√	√	√		
	ESCAPE 3.0L(TRIBUTE)	PCM	PWM	√	√	√	√		S1,S11,S13	
		ABS	ISO	√	√	√	√	√		
		GEM	ISO	√	√	√	√	√	S6	
		ICM	ISO	√	√	√	√		S7	
		RCM	ISO	√	√	√	√	√		
	EXCURSION 5.4L	PCM	PWM	√	√	√	√			
		ABS	ISO	√	√	√	√	√	S2	
		CSM	ISO/PWM	√	√	√	√		S5	
		DSM	ISO	√	√	√	√			
		EATC	UBP		√	√	√			
		GEM	ISO	√	√	√	√	√	S7	
		PATS	ISO	√	√	√	√			
		RCM	ISO	√	√	√	√	√		
		PCM	CAN	√	√	√	√		S1	
ABS		ISO	√	√	√	√	√	S2		
CSM		ISO/PWM	√	√	√	√		S5		

## Usa Ford **V38.00** Diagnostics List (Note:For reference only)

Year	Vehicle	System	Protocol	Functions						
				Sys. Info.	Read code	Clear code	Data stream	Actuation	Special functions	Others
	EXCURSION 6.0L DIESEL	DSM	ISO	√	√	√	√			
		EATC	UBP		√	√	√			
		GEM	ISO	√	√	√	√	√	S7	
		PATS	ISO	√	√	√	√			
		RCM	ISO	√	√	√	√	√		
		TCM	CAN		√	√	√			
	EXCURSION 6.8L	PCM	PWM	√	√	√	√			
		ABS	ISO	√	√	√	√	√	S2	
		CSM	ISO/PWM	√	√	√	√		S5	
		DSM	ISO	√	√	√	√			
		EATC	PWM	√	√	√	√			
		GEM	ISO	√	√	√	√	√	S7	
		PATS	ISO	√	√	√	√			
		RCM	ISO	√	√	√	√	√		
	EXPEDITION 4.6L	PCM	PWM	√	√	√	√		S1,S11,S13	
		4X4	UBP		√	√	√			
		ABS	PWM	√	√	√	√	√		
		CSM	ISO/PWM	√	√	√	√		S5	
		DSM	ISO	√	√	√	√			
		EATC	UBP		√	√	√			
		ICM	ISO	√	√	√	√			
		LTM	ISO	√	√	√	√	√		
		RCM	ISO	√	√	√	√	√	S4	

## Usa Ford **V38.00** Diagnostics List (Note:For reference only)

Year	Vehicle	System	Protocol	Functions						
				Sys. Info.	Read code	Clear code	Data stream	Actuation	Special functions	Others
		TPM	ISO	√	√	√	√			
		VDM	ISO	√	√	√	√	√		
	EXPEDITION 5.4L	PCM	PWM	√	√	√	√		S1,S11,S13	
		4X4	UBP		√	√	√			
		ABS	PWM	√	√	√	√	√		
		CSM	ISO/PWM	√	√	√	√		S5	
		DSM	ISO	√	√	√	√			
		EATC	UBP		√	√	√			
		ICM	ISO	√	√	√	√			
		LTM	ISO	√	√	√	√	√		
		PAM	ISO	√	√	√	√	√		
		RCM	ISO	√	√	√	√	√	S4	
		TPM	ISO	√	√	√	√			
		VDM	ISO	√	√	√	√	√		
	EXPLORER 4.0L	PCM	CAN	√	√	√	√		S1	
		4X4	ISO	√	√	√	√			
		ABS	CAN	√	√	√	√			
		ICM	CAN		√	√	√			
		EATC	CAN		√	√	√			
		CSM	ISO/PWM	√	√	√	√		S5	
DSM		ISO	√	√	√	√		S7		
RCM		ISO	√	√	√	√	√	S4		
TPM	ISO	√	√	√	√					

## Usa Ford **V38.00** Diagnostics List (Note:For reference only)

Year	Vehicle	System	Protocol	Functions						
				Sys. Info.	Read code	Clear code	Data stream	Actuation	Special functions	Others
	EXPLORER 4.6L	PCM	CAN	√	√	√	√		S1	
		4X4	CAN		√	√	√			
		ABS	CAN	√	√	√	√			
		ICM	CAN		√	√	√			
		EATC	CAN		√	√	√			
		CSM	ISO/PWM	√	√	√	√		S5	
		DSM	ISO	√	√	√	√			
		RCM	ISO	√	√	√	√	√	S4	
	TPM	ISO	√	√	√	√				
	EXPL-SPORT TRAC 4.0L	PCM	CAN	√	√	√	√		S1	
		4X4	ISO	√	√	√	√	√		
		ABS	ISO	√	√	√	√	√		
		GEM	ISO	√	√	√	√	√		
		ICM	ISO	√	√	√	√			
		RCM	ISO	√	√	√	√	√		
	EXPL-SPORT 4.0L	PCM	CAN	√	√	√	√		S1	
		4X4	ISO	√	√	√	√			
		ABS	ISO	√	√	√	√	√		
		GEM	ISO	√	√	√	√	√		
		ICM	ISO	√	√	√	√			
		RCM	ISO	√	√	√	√	√		
	F-150 4.2L	PCM	CAN	√	√	√	√		S1	
		ICM	CAN		√	√	√			



## Usa Ford **V38.00** Diagnostics List (Note:For reference only)

Year	Vehicle	System	Protocol	Functions						
				Sys. Info.	Read code	Clear code	Data stream	Actuation	Special functions	Others
	F-150 4.6L	PCM	CAN	√	√	√	√		S1	
		4X4	CAN		√	√	√			
		ABS	CAN	√	√	√	√		S3	
		ICM	CAN		√	√	√		S3	
		CSM	ISO/PWM	√	√	√	√		S5	
		DSM	ISO	√	√	√	√			
		EATC	UBP		√	√	√			
	RCM	ISO	√	√	√	√	√	S4		
	F-150 5.4L	PCM	CAN	√	√	√	√		S1	
		4X4	CAN		√	√	√			
		ABS	CAN	√	√	√	√			
		ICM	CAN		√	√	√			
		CSM	ISO/PWM	√	√	√	√		S5	
		DSM	ISO	√	√	√	√			
		EATC	UBP		√	√	√			
	RCM	ISO	√	√	√	√	√	S4		
	F-150 HERITAGE 4.2L	PCM	PWM	√	√	√	√			
		ABS	ISO	√	√	√	√	√		
		GEM	ISO	√	√	√	√	√	S7	
		RCM	ISO	√	√	√	√	√	S4	
		CTM	ISO	√	√	√	√			
HEC		ISO	√	√	√	√				
RAP		ISO	√	√	√	√				

## Usa Ford **V38.00** Diagnostics List (Note:For reference only)

Year	Vehicle	System	Protocol	Functions						
				Sys. Info.	Read code	Clear code	Data stream	Actuation	Special functions	Others
	F-150 HERITAGE 4.6L	PCM	PWM	√	√	√	√			
		ABS	ISO	√	√	√	√	√		
		GEM	ISO	√	√	√	√	√	S7	
		RCM	ISO	√	√	√	√	√	S4	
		CTM	ISO	√	√	√	√			
		HEC	ISO	√	√	√	√			
		RAP	ISO	√	√	√	√			
	F-150 HERITAGE 5.4L	PCM	PWM	√	√	√	√			
		ABS	ISO	√	√	√	√	√		
		AFCM	ISO	√	√	√	√			
		CTM	ISO	√	√	√	√	√		
		GEM	ISO	√	√	√	√	√	S7	
		HEC	ISO	√	√	√	√			
		RAP	ISO	√	√	√	√	√		
		RCM	ISO	√	√	√	√	√	S4	
	F SER-S DUTY 5.4L+	PCM	PWM	√	√	√	√			
		ABS	ISO	√	√	√	√	√		
		CSM	ISO/PWM	√	√	√	√		S5	
		OTC	ISO	√	√	√	√	√	S8	
		GEM	ISO	√	√	√	√	√	S7	
		RCM	ISO	√	√	√	√	√	S9	
	PCM	CAN	√	√	√	√				
	ABS	ISO	√	√	√	√	√			

## Usa Ford **V38.00** Diagnostics List (Note:For reference only)

Year	Vehicle	System	Protocol	Functions						
				Sys. Info.	Read code	Clear code	Data stream	Actuation	Special functions	Others
2004	F SER-S DUTY 6.0L DIESEL	CSM	ISO/PWM	√	√	√	√		S5	
		GEM	ISO	√	√	√	√	√	S7	
		OTC	ISO	√	√	√	√	√	S8	
		RCM	ISO	√	√	√	√	√	S9	
		TCM	CAN		√	√	√			
	F SER-S DUTY 6.8L	PCM	PWM	√	√	√	√			
		ABS	ISO	√	√	√	√	√		
		CSM	ISO/PWM	√	√	√	√		S5	
		GEM	ISO	√	√	√	√	√	S7	
		OTC	ISO	√	√	√	√	√	S8	
	F800 5.9L CUMMINS	RCM	ISO	√	√	√	√	√	S9	
		ABS	ISO	√	√	√	√	√		
	F650/750 6.0L DIESEL	GEM	ISO	√	√	√	√	√		
		ABS	ISO	√	√	√	√	√	S7,S10	
	F650/750 7.2L DIESEL	GEM	ISO	√	√	√	√	√		
		ABS	ISO	√	√	√	√	√	S7,S10	
	FOCUS 2.0L 2V/4V	PCM	CAN	√	√	√	√		S1	
		ABS	ISO	√	√	√	√	√		
		GEM	ISO	√	√	√	√	√	S7	
		MCM	ISO	√	√	√	√			
RCM		ISO	√	√	√	√	√			
FOCUS 2.3L	PCM	CAN	√	√	√	√		S1		

## Usa Ford **V38.00** Diagnostics List (Note:For reference only)

Year	Vehicle	System	Protocol	Functions						
				Sys. Info.	Read code	Clear code	Data stream	Actuation	Special functions	Others
	FOCUS 2.3L	ICM	CAN		√	√	√			
	FOCUS 2.3L PZEV	PCM	PWM	√	√	√	√			
		ABS	ISO	√	√	√	√	√		
		GEM	ISO	√	√	√	√		S7	
		RCM	ISO	√	√	√	√	√		
	FREESTAR 3.9L	PCM	PWM	√	√	√	√		S1,S11,S13	
		ABS	PWM		√	√	√			
		DSM	ISO	√	√	√	√			
		ICM	ISO	√	√	√	√		S7	
		LTM	ISO	√	√	√	√	√		
		MCM	ISO	√	√	√	√			
		GEM	ISO	√	√	√	√			
		RCM	ISO	√	√	√	√	√	S4	
	FREESTAR 4.2L	PCM	PWM	√	√	√	√		S1,S11,S13	
		ABS	PWM		√	√	√			
		DSM	ISO	√	√	√	√			
		ICM	ISO	√	√	√	√			
		LTM	ISO	√	√	√	√	√		
		MCM	ISO	√	√	√	√			
		GEM	ISO	√	√	√	√			
RCM		ISO	√	√	√	√	√	S4		
	PCM	PWM	√	√	√	√		S1,S11,S13		
	ABS	ISO	√	√	√	√	√			

## Usa Ford **V38.00** Diagnostics List (Note:For reference only)

Year	Vehicle	System	Protocol	Functions							
				Sys. Info.	Read code	Clear code	Data stream	Actuation	Special functions	Others	
	GRAND MARQUIS 4.6L	AFCM	ISO	√	√	√	√				
		DDM	ISO	√	√	√	√	√	S6,S7		
		EATC	PWM	√	√	√	√				
		LCM	ISO	√	√	√	√				
		MCM	ISO	√	√	√	√				
		RASM	ISO	√	√	√	√				
		RCM	ISO	√	√	√	√	√	S4		
	LS 3.0L	PCM	CAN	√	√	√	√			S1	
		ABS	PWM		√	√	√				
		ACM	ISO	√	√	√	√				
		CPM	ISO	√	√	√	√				
		DDM	ISO	√	√	√	√	√			
		DSM	ISO	√	√	√	√	√			
		EPB	ISO	√	√	√	√	√			
		ICM	ISO	√	√	√	√				
		MCM	ISO	√	√	√	√				
		RCM	ISO	√	√	√	√	√		S4	
		REM	ISO	√	√	√	√				
		PCM	CAN	√	√	√	√			S1	
		TCM	CAN		√	√	√				
		ABS	PWM		√	√	√				
ACM		ISO	√	√	√	√					
CPM		ISO	√	√	√	√					

## Usa Ford **V38.00** Diagnostics List (Note:For reference only)

Year	Vehicle	System	Protocol	Functions						
				Sys. Info.	Read code	Clear code	Data stream	Actuation	Special functions	Others
	LS 3.9L	DDM	ISO	√	√	√	√	√		
		DSM	ISO	√	√	√	√	√		
		EPB	ISO	√	√	√	√	√		
		ICM	ISO	√	√	√	√			
		MCM	ISO	√	√	√	√			
		RCM	ISO	√	√	√	√	√	S4	
		REM	ISO	√	√	√	√			
	MONTEREY 4.2L	PCM	PWM	√	√	√	√		S1,S11,S13	
		ABS	PWM		√	√	√			
		DSM	ISO	√	√	√	√			
		ICM	ISO	√	√	√	√		S7	
		LTM	ISO	√	√	√	√	√		
		MCM	ISO	√	√	√	√			
		RCM	ISO	√	√	√	√	√	S4	
	MOUNTAINEER 4.0L	PCM	CAN	√	√	√	√		S1	
		4X4	ISO	√	√	√	√			
		ABS	CAN	√	√	√	√			
		ICM	CAN		√	√	√			
		CSM	ISO/PWM	√	√	√	√		S5	
		PAM	ISO	√	√	√	√			
		GEM	CAN		√	√	√			
EATC		CAN	√	√	√	√				
DSM		ISO	√	√	√	√		S7		

## Usa Ford **V38.00** Diagnostics List (Note:For reference only)

Year	Vehicle	System	Protocol	Functions						
				Sys. Info.	Read code	Clear code	Data stream	Actuation	Special functions	Others
		RCM	ISO	√	√	√	√	√	S4	
		TPM	ISO	√	√	√	√			
	MOUNTAINEER 4.6L	PCM	CAN	√	√	√	√		S1	
		4X4	ISO	√	√	√	√			
		ABS	CAN	√	√	√	√			
		ICM	CAN		√	√	√			
		CSM	ISO/PWM	√	√	√	√		S5	
		PAM	ISO	√	√	√	√			
		GEM	CAN		√	√	√			
		EATC	CAN	√	√	√	√			
		DSM	ISO	√	√	√	√		S7	
		RCM	ISO	√	√	√	√	√	S4	
	TPM	ISO	√	√	√	√				
	MUSTANG 3.9L	PCM	PWM	√	√	√	√			
		ABS	ISO	√	√	√	√	√		
		GEM	ISO	√	√	√	√	√	S7	
		RCM	ISO	√	√	√	√	√		
	MUSTANG 4.6L 2V	PCM	PWM	√	√	√	√			
		ABS	ISO	√	√	√	√	√		
		GEM	ISO	√	√	√	√	√	S7	
HEC		ISO	√	√	√	√	√			
RCM		ISO	√	√	√	√	√			
		PCM	PWM	√	√	√	√			

## Usa Ford **V38.00** Diagnostics List (Note:For reference only)

Year	Vehicle	System	Protocol	Functions						
				Sys. Info.	Read code	Clear code	Data stream	Actuation	Special functions	Others
	MUSTANG 4.6L 4V	ABS	ISO	√	√	√	√	√		
		GEM	ISO	√	√	√	√	√	S7	
		RCM	ISO	√	√	√	√	√		
	NAVIGATOR 5.4L	PCM	PWM	√	√	√	√		S1,S11,S13	
		4X4	UBP		√	√	√			
		ABS	PWM		√	√	√			
		CSM	ISO/PWM	√	√	√	√		S5	
		DSM	ISO	√	√	√	√		S7	
		EATC	UBP		√	√	√			
		ICM	ISO	√	√	√	√			
		LTM	ISO	√	√	√	√	√		
		RCM	ISO	√	√	√	√	√	S4	
		TPM	ISO	√	√	√	√			
	VDM	ISO	√	√	√	√	√			
	RANGER 2.3L (B2300)	PCM	CAN	√	√	√	√		S1	
ICM		CAN		√	√	√				
4X4		ISO	√	√	√	√				
ABS		ISO	√	√	√	√	√			
GEM		ISO	√	√	√	√	√	S7		
RCM		ISO	√	√	√	√	√			
RANGER 3.0L (B3000)	PCM	CAN	√	√	√	√		S1		
	ICM	CAN		√	√	√				
	4X4	ISO	√	√	√	√				



## Usa Ford **V38.00** Diagnostics List (Note:For reference only)

Year	Vehicle	System	Protocol	Functions						
				Sys. Info.	Read code	Clear code	Data stream	Actuation	Special functions	Others
	RANGER 3.0L (B3000)	ABS	ISO	√	√	√	√	√		
		GEM	ISO	√	√	√	√	√	S7	
		RCM	ISO	√	√	√	√	√		
	RANGER 4.0L (B4000)	PCM	CAN	√	√	√	√		S1	
		ICM	CAN		√	√	√			
		4X4	ISO	√	√	√	√			
		ABS	ISO	√	√	√	√	√		
		GEM	ISO	√	√	√	√	√	S7	
		RCM	ISO	√	√	√	√	√		
		PCM	CAN	√	√	√	√		S1	
	SABLE 3.0L	ABS	CAN	√	√	√	√			
		ICM	CAN		√	√	√			
		EATC	CAN		√	√	√			
		GEM	CAN		√	√	√			
		RCM	ISO	√	√	√	√	√	S4	
		PCM	CAN	√	√	√	√		S1	
	TAURUS 3.0L	ABS	CAN	√	√	√	√			
		ICM	CAN		√	√	√			
		GEM	CAN		√	√	√			
		EATC	CAN		√	√	√			
RCM		ISO	√	√	√	√	√	S4		
PCM		CAN	√	√	√	√		S1		
	ABS	PWM		√	√	√				

## Usa Ford **V38.00** Diagnostics List (Note:For reference only)

Year	Vehicle	System	Protocol	Functions							
				Sys. Info.	Read code	Clear code	Data stream	Actuation	Special functions	Others	
	THUNDERBIRD ROADSTER 3.9L	ACM	ISO	√	√	√	√				
		CPM	ISO	√	√	√	√				
		DDM	ISO	√	√	√	√	√	S6,S7		
		ICM	ISO	√	√	√	√		S1,S7,S11		
		RCM	ISO	√	√	√	√	√			
		REM	ISO	√	√	√	√		S7		
	TOWN CAR 4.6L	PCM	PWM	√	√	√	√		S1,S11,S13		
		ABS	ISO	√	√	√	√	√			
		ACM	ISO	√	√	√	√	√	S12		
		CPM	ISO	√	√	√	√				
		DDM	ISO	√	√	√	√	√	S6,S7		
		DSM	ISO	√	√	√	√		S7		
		LCM	ISO/PWM	√	√	√	√		S7		
		LTM	ISO	√	√	√	√	√			
		RASM	ISO	√	√	√	√				
		RCM	ISO	√	√	√	√	√	S4		
			PCM	PWM	√	√	√	√	√		
			4X4	UBP		√	√	√	√		
ABS	ISO		√	√	√	√	√				
CSM	ISO/PWM		√	√	√	√	√	S5			
DATC	ISO		√	√	√	√	√				
DCSM	ISO		√	√	√	√	√				
DSM	ISO		√	√	√	√	√				

## Usa Ford **V38.00** Diagnostics List (Note:For reference only)

Year	Vehicle	System	Protocol	Functions						
				Sys. Info.	Read code	Clear code	Data stream	Actuation	Special functions	Others
	AVIATOR 4.6L	ICM	ISO	√	√	√	√	√		
		NAV	ISO	√	√	√	√	√		
		PAM	ISO	√	√	√	√	√	S5	
		PCSM	ISO	√	√	√	√	√		
		RCM	ISO	√	√	√	√	√		
		RESC	ISO	√	√	√	√	√	S14	
		SARC	ISO	√	√	√	√	√		
		TPM	ISO	√	√	√	√	√		
		VAPS	ISO	√	√	√	√	√		
	BLACKWOOD 5.4L	PCM	PWM	√	√	√	√	√		
		4WAS	ISO	√	√	√	√	√		
		ABS	ISO	√	√	√	√	√		
		DSM	ISO	√	√	√	√	√		
		EATC	ISO	√	√	√	√	√		
		GEM	ISO	√	√	√	√	√		
		HEC	ISO	√	√	√	√	√		
		LTM	ISO	√	√	√	√	√		
		PAM	ISO	√	√	√	√	√		
		RAP	ISO/PWM	√	√	√	√	√	S15	
	RCM	ISO	√	√	√	√	√			
		PCM	PWM	√	√	√	√	√		
ABS		ISO	√	√	√	√	√			
AFCM		ISO	√	√	√	√	√			

## Usa Ford **V38.00** Diagnostics List (Note:For reference only)

Year	Vehicle	System	Protocol	Functions						
				Sys. Info.	Read code	Clear code	Data stream	Actuation	Special functions	Others
CROWN VICTORIA 4.6L	DDM	ISO	√	√	√	√	√			
	EATC	ISO	√	√	√	√	√			
	LCM	ISO	√	√	√	√	√			
	MCM	ISO	√	√	√	√	√			
	RASM	ISO	√	√	√	√	√			
	RCM	ISO	√	√	√	√	√			
	VAPS	ISO	√	√	√	√	√			
ECONOLINE E150 4.2L	PCM	PWM	√	√	√	√	√			
	ABS	ISO	√	√	√	√	√			
	ECS	ISO	√	√	√	√	√			
ECONOLINE E150 4.6L	PCM	PWM	√	√	√	√	√			
	ABS	ISO	√	√	√	√	√			
	ECS	ISO	√	√	√	√	√			
ECONOLINE 5.4L	PCM	PWM	√	√	√	√	√			
	ABS	ISO	√	√	√	√	√			
	AFCM	ISO	√	√	√	√	√			
	ECS	ISO	√	√	√	√	√			
ECONOLINE 6.8L	PCM	PWM	√	√	√	√	√			
	ABS	ISO	√	√	√	√	√			
	ECS	ISO	√	√	√	√	√			
ECONOLINE 7.3L	PCM	PWM	√	√	√	√	√			
	ABS	ISO	√	√	√	√	√			
	ECS	ISO	√	√	√	√	√			

## Usa Ford **V38.00** Diagnostics List (Note:For reference only)

Year	Vehicle	System	Protocol	Functions						
				Sys. Info.	Read code	Clear code	Data stream	Actuation	Special functions	Others
	ESCAPE 2.0L (TRIBUTE)	PCM	PWM	√	√	√	√	√		
		ABS	ISO	√	√	√	√	√		
		GEM	ISO	√	√	√	√	√		
		ICM	ISO	√	√	√	√	√		
		PAM	ISO	√	√	√	√	√	S5	
		RCM	ISO	√	√	√	√	√		
	ESCAPE 3.0L (TRIBUTE)	PCM	PWM	√	√	√	√	√		
		ABS	ISO	√	√	√	√	√		
		GEM	ISO	√	√	√	√	√		
		ICM	ISO	√	√	√	√	√		
		PAM	ISO	√	√	√	√	√	S5	
		RCM	ISO	√	√	√	√	√		
	ESCORT 2.0L	PCM	PWM	√	√	√	√	√		
		ABS	ISO	√	√	√	√	√	S2	
		ECS	ISO	√	√	√	√	√		
		RAP	ISO	√	√	√	√	√		
	EXCURSION 5.4L	PCM	PWM	√	√	√	√	√		
		ABS	ISO	√	√	√	√	√	S2	
		CSM	ISO/PWM	√	√	√	√	√	S5	
		DSM	ISO	√	√	√	√	√		
		EATC	UBP		√	√	√			
GEM		ISO	√	√	√	√	√			
HEC		ISO	√	√	√	√	√			

## Usa Ford **V38.00** Diagnostics List (Note:For reference only)

Year	Vehicle	System	Protocol	Functions						
				Sys. Info.	Read code	Clear code	Data stream	Actuation	Special functions	Others
		OTC	ISO	√	√	√	√	√		
		PAM	ISO	√	√	√	√	√		
		PATS	ISO	√	√	√	√	√		
		RCM	ISO	√	√	√	√	√		
	EXCURSION 6.0L DIESEL	PCM	PWM	√	√	√	√	√		
		ABS	ISO	√	√	√	√	√	S2	
		CSM	ISO/PWM	√	√	√	√	√	S5	
		DSM	ISO	√	√	√	√	√		
		EATC	UBP		√	√	√			
		GEM	ISO	√	√	√	√	√		
		HEC	ISO	√	√	√	√	√		
		OTC	ISO	√	√	√	√	√		
		PAM	ISO	√	√	√	√	√		
		PATS	ISO	√	√	√	√	√		
		RCM	ISO	√	√	√	√	√		
		TCM	ISO	√	√	√	√	√		
	TCM	CAN		√	√	√				
	EXCURSION 6.8L	PCM	PWM	√	√	√	√	√		
		ABS	ISO	√	√	√	√	√	S2	
		CSM	ISO/PWM	√	√	√	√	√	S5	
		DSM	ISO	√	√	√	√	√		
EATC		UBP		√	√	√				
GEM		ISO	√	√	√	√	√			

## Usa Ford **V38.00** Diagnostics List (Note:For reference only)

Year	Vehicle	System	Protocol	Functions						
				Sys. Info.	Read code	Clear code	Data stream	Actuation	Special functions	Others
		HEC	ISO	√	√	√	√	√		
		OTC	ISO	√	√	√	√	√		
		PAM	ISO	√	√	√	√	√		
		PATS	ISO	√	√	√	√	√		
		RCM	ISO	√	√	√	√	√		
	EXCURSION 7.3L	PCM	PWM	√	√	√	√	√		
		ABS	ISO	√	√	√	√	√	S2	
		CSM	ISO/PWM	√	√	√	√	√	S5	
		DSM	ISO	√	√	√	√	√		
		EATC	UBP		√	√	√			
		GEM	ISO	√	√	√	√	√		
		HEC	ISO	√	√	√	√	√		
		OTC	ISO	√	√	√	√	√		
		PAM	ISO	√	√	√	√	√		
		PATS	ISO	√	√	√	√	√		
		RCM	ISO	√	√	√	√	√		
	EXPEDITION 4.6I	PCM	PWM	√	√	√	√	√		
		4X4	UBP		√	√	√	√		
		ABS	ISO	√	√	√	√	√		
		CSM	ISO/PWM	√	√	√	√	√	S5	
		DCSM	ISO	√	√	√	√	√		
DSM		ISO	√	√	√	√	√			
EATC		UBP		√	√	√				

## Usa Ford **V38.00** Diagnostics List (Note:For reference only)

Year	Vehicle	System	Protocol	Functions						
				Sys. Info.	Read code	Clear code	Data stream	Actuation	Special functions	Others
	EXPEDITION 4.0L	ICM	ISO	√	√	√	√	√		
		LTM	ISO	√	√	√	√	√		
		PAM	ISO	√	√	√	√	√		
		PCSM	ISO	√	√	√	√	√		
		RCM	ISO	√	√	√	√	√		
		TPM	ISO	√	√	√	√	√		
		VDM	ISO	√	√	√	√	√		
	EXPEDITION 5.4L	PCM	PWM	√	√	√	√	√		
		4X4	UBP		√	√	√	√		
		ABS	ISO	√	√	√	√	√		
		CSM	ISO/PWM	√	√	√	√	√	S5	
		DCSM	ISO	√	√	√	√	√		
		DSM	ISO	√	√	√	√	√		
		EATC	UBP		√	√	√			
		ICM	ISO	√	√	√	√	√		
		LTM	ISO	√	√	√	√	√		
		PAM	ISO	√	√	√	√	√		
		PCSM	ISO	√	√	√	√	√		
		RCM	ISO	√	√	√	√	√		
		TPM	ISO	√	√	√	√	√		
	VDM	ISO	√	√	√	√	√			
		PCM	PWM	√	√	√	√	√		
		4X4	UBP		√	√	√	√		



## Usa Ford **V38.00** Diagnostics List (Note:For reference only)

Year	Vehicle	System	Protocol	Functions						
				Sys. Info.	Read code	Clear code	Data stream	Actuation	Special functions	Others
	EXPLORER 4.0L	ABS	ISO	√	√	√	√	√		
		CSM	ISO/PWM	√	√	√	√	√	S5	
		DATC	ISO	√	√	√	√	√		
		DSM	ISO	√	√	√	√	√		
		ICM	ISO	√	√	√	√	√		
		PAM	ISO	√	√	√	√	√	S5	
		RCM	ISO	√	√	√	√	√	S4	
		TPM	ISO	√	√	√	√	√		
	EXPLORER 4.6L	PCM	PWM	√	√	√	√	√		
		4X4	UBP		√	√	√	√		
		ABS	ISO	√	√	√	√	√		
		CSM	ISO/PWM	√	√	√	√	√	S5	
		DATC	ISO	√	√	√	√	√		
		DSM	ISO	√	√	√	√	√		
		ICM	ISO	√	√	√	√	√		
		PAM	ISO	√	√	√	√	√	S5	
	RCM	ISO	√	√	√	√	√	S4		
	TPM	ISO	√	√	√	√	√			
	EXPL-SPORT TRAC 4.0L	PCM	PWM	√	√	√	√	√		
		4X4	UBP		√	√	√	√		
		ABS	ISO	√	√	√	√	√		
		GEM	ISO	√	√	√	√	√		
		RAP	ISO	√	√	√	√	√		

## Usa Ford **V38.00** Diagnostics List (Note:For reference only)

Year	Vehicle	System	Protocol	Functions						
				Sys. Info.	Read code	Clear code	Data stream	Actuation	Special functions	Others
		RCM	ISO	√	√	√	√	√		
	EXPL-SPORT 4.0L	PCM	PWM	√	√	√	√	√		
		4X4	UBP		√	√	√	√		
		ABS	ISO	√	√	√	√	√		
		GEM	ISO	√	√	√	√	√		
		RAP	ISO	√	√	√	√	√		
		RCM	ISO	√	√	√	√	√		
		F-150 4.2L	PCM	PWM	√	√	√	√	√	
	ABS		ISO	√	√	√	√	√	S2	
	CTM		ISO	√	√	√	√	√		
	GEM		ISO	√	√	√	√	√		
	HEC		ISO	√	√	√	√	√		
	RAP		ISO	√	√	√	√	√		
	RCM		ISO	√	√	√	√	√		
	F-150 4.6L	PCM	PWM	√	√	√	√	√		
		ABS	ISO	√	√	√	√	√	S2	
		CTM	ISO	√	√	√	√	√		
		GEM	ISO	√	√	√	√	√		
		HEC	ISO	√	√	√	√	√		
		RAP	ISO	√	√	√	√	√		
		RCM	ISO	√	√	√	√	√		
		PCM	PWM	√	√	√	√	√		
		ABS	ISO	√	√	√	√	√	S2	

## Usa Ford **V38.00** Diagnostics List (Note:For reference only)

Year	Vehicle	System	Protocol	Functions						
				Sys. Info.	Read code	Clear code	Data stream	Actuation	Special functions	Others
	F-150 5.4L	AFCM	ISO	√	√	√	√	√		
		CTM	ISO	√	√	√	√	√		
		GEM	ISO	√	√	√	√	√		
		HEC	ISO	√	√	√	√	√		
		RAP	ISO	√	√	√	√	√		
		RCM	ISO	√	√	√	√	√		
	F SER-S DUTY 5.4L+	PCM	PWM	√	√	√	√	√		
		ABS	ISO	√	√	√	√	√		
		CSM	ISO/PWM	√	√	√	√	√	S5	
		GEM	ISO	√	√	√	√	√		
		HEC	ISO	√	√	√	√	√		
		OTC	ISO	√	√	√	√	√		
		PAM	ISO	√	√	√	√	√	S5	
		RCM	ISO	√	√	√	√	√	S9	
	F SER-S DUTY 6.0L DIESEL	PCM	PWM	√	√	√	√	√		
		ABS	ISO	√	√	√	√	√		
		CSM	ISO/PWM	√	√	√	√	√	S5	
		GEM	ISO	√	√	√	√	√		
		HEC	ISO	√	√	√	√	√		
		OTC	ISO	√	√	√	√	√		
		PAM	ISO	√	√	√	√	√	S5	
		RCM	ISO	√	√	√	√	√	S9	
		TCM	CAN		√	√	√			

## Usa Ford **V38.00** Diagnostics List (Note:For reference only)

Year	Vehicle	System	Protocol	Functions						
				Sys. Info.	Read code	Clear code	Data stream	Actuation	Special functions	Others
2003	F SER-S DUTY 6.8L	PCM	PWM	√	√	√	√	√		
		ABS	ISO	√	√	√	√	√		
		CSM	ISO/PWM	√	√	√	√	√	S5	
		GEM	ISO	√	√	√	√	√		
		HEC	ISO	√	√	√	√	√		
		OTC	ISO	√	√	√	√	√		
		PAM	ISO	√	√	√	√	√	S5	
	RCM	ISO	√	√	√	√	√	S9		
	F SER-S DUTY 7.3L DIESEL	PCM	PWM	√	√	√	√	√		
		ABS	ISO	√	√	√	√	√		
		CSM	ISO/PWM	√	√	√	√	√	S5	
		GEM	ISO	√	√	√	√	√		
		HEC	ISO	√	√	√	√	√		
		OTC	ISO	√	√	√	√	√		
		PAM	ISO	√	√	√	√	√	S5	
	RCM	ISO	√	√	√	√	√	S9		
	F800 5.9L CUMMINS	ABS	ISO	√	√	√	√	√		
		GEM	ISO	√	√	√	√	√		
	F800 3126E-CAT	ABS	ISO	√	√	√	√	√		
		GEM	ISO	√	√	√	√	√		
	F800 7.3L DIESEL	PCM	PWM	√	√	√	√	√		
ABS		ISO	√	√	√	√	√			
GEM		ISO	√	√	√	√	√			

## Usa Ford **V38.00** Diagnostics List (Note:For reference only)

Year	Vehicle	System	Protocol	Functions						
				Sys. Info.	Read code	Clear code	Data stream	Actuation	Special functions	Others
	F650/750 5.9L DIESEL	ABS	ISO	√	√	√	√	√		
		GEM	ISO	√	√	√	√	√		
	F650/750 7.2L DIESEL	ABS	ISO	√	√	√	√	√		
		GEM	ISO	√	√	√	√	√		
	F650/750 7.3L DIESEL	PCM	PWM	√	√	√	√	√		
		ABS	ISO	√	√	√	√	√		
		GEM	ISO	√	√	√	√	√		
	FOCUS 2.0L 2V/4V	PCM	PWM	√	√	√	√	√		
		ABS	ISO	√	√	√	√	√		
		GEM	ISO	√	√	√	√	√		
		HEC	ISO	√	√	√	√	√		
		MCM	ISO	√	√	√	√	√		
		RCM	ISO	√	√	√	√	√		
	FOCUS 2.3L	PCM	PWM	√	√	√	√	√		
		TCM	CAN		√	√	√			
	FOCUS 2.3L PZEV	PCM	PWM	√	√	√	√	√		
		ABS	ISO	√	√	√	√	√		
		GEM	ISO	√	√	√	√	√		
		HEC	ISO	√	√	√	√	√		
		RCM	ISO	√	√	√	√	√		
	PCM	PWM	√	√	√	√	√			
	ABS	ISO	√	√	√	√	√			
	AFCM	ISO	√	√	√	√	√			

**Usa Ford V38.00 Diagnostics List** (Note:For reference only)

Year	Vehicle	System	Protocol	Functions						
				Sys. Info.	Read code	Clear code	Data stream	Actuation	Special functions	Others
	GRAND MARQUIS 4.6L	DDM	ISO	√	√	√	√	√		
		EATC	ISO	√	√	√	√	√		
		LCM	ISO	√	√	√	√	√		
		MCM	ISO	√	√	√	√	√		
		RASM	ISO	√	√	√	√	√		
		RCM	ISO	√	√	√	√	√		
		VAPS	ISO	√	√	√	√	√		
	LS 3.0L	PCM	PWM	√	√	√	√	√		
		ABS	ISO	√	√	√	√	√		
		ACM	ISO	√	√	√	√	√		
		CPM	ISO	√	√	√	√	√		
		DATC	ISO	√	√	√	√	√		
		DCSM	ISO	√	√	√	√	√		
		DDM	ISO	√	√	√	√	√		
		DSM	ISO	√	√	√	√	√		
		EPB	ISO	√	√	√	√	√		
		GEM	ISO	√	√	√	√	√		
		ICM	ISO	√	√	√	√	√		
		MCM	ISO	√	√	√	√	√		
		NAV	ISO	√	√	√	√	√		
PAM	ISO	√	√	√	√	√				
RCM	ISO	√	√	√	√	√				
REM	ISO	√	√	√	√	√				

## Usa Ford **V38.00** Diagnostics List (Note:For reference only)

Year	Vehicle	System	Protocol	Functions						
				Sys. Info.	Read code	Clear code	Data stream	Actuation	Special functions	Others
		RESC	ISO	√	√	√	√	√	S14	
	LS 3.9L	PCM	PWM	√	√	√	√	√		
		ABS	ISO	√	√	√	√	√		
		ACM	ISO	√	√	√	√	√		
		CPM	ISO	√	√	√	√	√		
		DATC	ISO	√	√	√	√	√		
		DCSM	ISO	√	√	√	√	√		
		DDM	ISO	√	√	√	√	√		
		DSM	ISO	√	√	√	√	√		
		EPB	ISO	√	√	√	√	√		
		GEM	ISO	√	√	√	√	√		
		ICM	ISO	√	√	√	√	√		
		MCM	ISO	√	√	√	√	√		
		NAV	ISO	√	√	√	√	√		
		PAM	ISO	√	√	√	√	√		
		RCM	ISO	√	√	√	√	√		
		REM	ISO	√	√	√	√	√		
		RESC	ISO	√	√	√	√	√	S14	
	MOUNTAINEER 4.0I	PCM	PWM	√	√	√	√	√		
		4X4	UBP		√	√	√	√		
		ABS	ISO	√	√	√	√	√		
		CSM	ISO/PWM	√	√	√	√	√	S5	
		DATC	ISO	√	√	√	√	√		

## Usa Ford **V38.00** Diagnostics List (Note:For reference only)

Year	Vehicle	System	Protocol	Functions						
				Sys. Info.	Read code	Clear code	Data stream	Actuation	Special functions	Others
	MOUNTAINEER 4.0L	DSM	ISO	√	√	√	√	√		
		ICM	ISO	√	√	√	√	√		
		PAM	ISO	√	√	√	√	√	S5	
		RCM	ISO	√	√	√	√	√	S4	
		TPM	ISO	√	√	√	√	√		
	MOUNTAINEER 4.6L	PCM	PWM	√	√	√	√	√		
		4X4	UBP		√	√	√	√		
		ABS	ISO	√	√	√	√	√		
		CSM	ISO/PWM	√	√	√	√	√	S5	
		DATC	ISO	√	√	√	√	√		
		DSM	ISO	√	√	√	√	√		
		ICM	ISO	√	√	√	√	√		
		PAM	ISO	√	√	√	√	√	S5	
		RCM	ISO	√	√	√	√	√	S4	
	TPM	ISO	√	√	√	√	√			
MUSTANG 3.8L	PCM	PWM	√	√	√	√	√			
	ABS	ISO	√	√	√	√	√			
	GEM	ISO	√	√	√	√	√			
	HEC	ISO	√	√	√	√	√			
	RCM	ISO	√	√	√	√	√			
MUSTANG 4.6L 2V	PCM	PWM	√	√	√	√	√			
	ABS	ISO	√	√	√	√	√			
	GEM	ISO	√	√	√	√	√			



## Usa Ford **V38.00** Diagnostics List (Note:For reference only)

Year	Vehicle	System	Protocol	Functions						
				Sys. Info.	Read code	Clear code	Data stream	Actuation	Special functions	Others
	MUSTANG 4.6L 4V	HEC	ISO	√	√	√	√	√		
		RCM	ISO	√	√	√	√	√		
		PCM	PWM	√	√	√	√	√		
		ABS	ISO	√	√	√	√	√		
		GEM	ISO	√	√	√	√	√		
		HEC	ISO	√	√	√	√	√		
		RCM	ISO	√	√	√	√	√		
	NAVIGATOR 5.4L	PCM	PWM	√	√	√	√	√		
		4X4	UBP		√	√	√	√		
		ABS	ISO	√	√	√	√	√		
		CSM	ISO/PWM	√	√	√	√	√	S5	
		DCSM	ISO	√	√	√	√	√		
		DSM	ISO	√	√	√	√	√		
		EATC	UBP		√	√	√			
		ICM	ISO	√	√	√	√	√		
		LTM	ISO	√	√	√	√	√		
		NAV	ISO	√	√	√	√	√		
		PAM	ISO	√	√	√	√	√		
		PCSM	ISO	√	√	√	√	√		
		RCM	ISO	√	√	√	√	√		
RESC	ISO	√	√	√	√	√	S14			
TPM	ISO	√	√	√	√	√				
VDM	ISO	√	√	√	√	√				

## Usa Ford **V38.00** Diagnostics List (Note:For reference only)

Year	Vehicle	System	Protocol	Functions						
				Sys. Info.	Read code	Clear code	Data stream	Actuation	Special functions	Others
	RANGER 2.3L (B2300)	PCM	PWM	√	√	√	√	√		
		4X4	UBP		√	√	√			
		ABS	ISO	√	√	√	√	√		
		CTM	ISO	√	√	√	√	√		
		GEM	ISO	√	√	√	√	√		
		RAP	ISO	√	√	√	√	√		
		RCM	ISO	√	√	√	√	√		
	RANGER 2.5L	PCM	PWM	√	√	√	√	√		
		4X4	UBP		√	√	√			
		ABS	ISO	√	√	√	√	√		
		CTM	ISO	√	√	√	√	√		
		GEM	ISO	√	√	√	√	√		
		RAP	ISO	√	√	√	√	√		
		RCM	ISO	√	√	√	√	√		
	RANGER 3.0L (B3000)	PCM	PWM	√	√	√	√	√		
		4X4	UBP		√	√	√			
		ABS	ISO	√	√	√	√	√		
		CTM	ISO	√	√	√	√	√		
		GEM	ISO	√	√	√	√	√		
		RAP	ISO	√	√	√	√	√		
		RCM	ISO	√	√	√	√	√		
	PCM	PWM	√	√	√	√	√			
	4X4	UBP		√	√	√				

## Usa Ford **V38.00** Diagnostics List (Note:For reference only)

Year	Vehicle	System	Protocol	Functions						
				Sys. Info.	Read code	Clear code	Data stream	Actuation	Special functions	Others
	RANGER 4.0L (B4000)	ABS	ISO	√	√	√	√	√		
		CTM	ISO	√	√	√	√	√		
		GEM	ISO	√	√	√	√	√		
		RAP	ISO	√	√	√	√	√		
		RCM	ISO	√	√	√	√	√		
	SABLE 3.0L	PCM	PWM	√	√	√	√	√		
		ABS	ISO	√	√	√	√	√	S2	
		EATC	ISO	√	√	√	√	√		
		GEM	ISO	√	√	√	√	√		
		RCM	ISO	√	√	√	√	√		
	TAURUS 3.0L	PCM	PWM	√	√	√	√	√		
		ABS	ISO	√	√	√	√	√	S2	
		EATC	ISO	√	√	√	√	√		
		GEM	ISO	√	√	√	√	√		
		RCM	ISO	√	√	√	√	√		
	THUNDERBIRD ROADSTER 3.9L	PCM	PWM	√	√	√	√	√		
		ABS	ISO	√	√	√	√	√		
ACM		ISO	√	√	√	√	√			
CPM		ISO	√	√	√	√	√			
DATC		ISO	√	√	√	√	√			
DDM		ISO	√	√	√	√	√			
FEM		ISO	√	√	√	√	√			
ICM		ISO	√	√	√	√	√			

## Usa Ford **V38.00** Diagnostics List (Note:For reference only)

Year	Vehicle	System	Protocol	Functions						
				Sys. Info.	Read code	Clear code	Data stream	Actuation	Special functions	Others
		RCM	ISO	√	√	√	√	√		
		REM	ISO	√	√	√	√	√	S7	
	TOWN CAR 4.6L	PCM	PWM	√	√	√	√	√		
		ABS	ISO	√	√	√	√	√		
		ACM	ISO	√	√	√	√	√	S12	
		CPM	ISO	√	√	√	√	√		
		DATC	ISO	√	√	√	√	√		
		DDM	ISO	√	√	√	√	√		
		DSM	ISO	√	√	√	√	√		
		HEC	ISO	√	√	√	√	√		
		LCM	ISO/PWM	√	√	√	√	√	S7	
		LTM	ISO	√	√	√	√	√		
		NAV	ISO	√	√	√	√	√		
		NGVM	ISO	√	√	√	√	√		
		OTC	ISO	√	√	√	√	√		
		RESC	ISO	√	√	√	√	√	S14	
		PAM	ISO	√	√	√	√	√		
		RASM	ISO	√	√	√	√	√		
			PCM	PWM	√	√	√	√	√	
	ABS		ISO	√	√	√	√	√		
	DDM		ISO	√	√	√	√	√		
DSM	ISO		√	√	√	√	√			
FEM	ISO		√	√	√	√	√			

## Usa Ford **V38.00** Diagnostics List (Note:For reference only)

Year	Vehicle	System	Protocol	Functions						
				Sys. Info.	Read code	Clear code	Data stream	Actuation	Special functions	Others
	WINDSTAR 3.8L	ICM	ISO	√	√	√	√	√		
		MCM	ISO	√	√	√	√	√		
		NGVM	ISO	√	√	√	√	√		
		PAM	ISO	√	√	√	√	√		
		PSD1	ISO	√	√	√	√	√		
		PSD2	ISO	√	√	√	√	√		
		RCM	ISO	√	√	√	√	√		
		REM	PWM/ISO	√	√	√	√	√		
	BLACKWOOD 5.4L	PCM	PWM	√	√	√	√	√		
		4WAS	ISO	√	√	√	√	√		
		ABS	ISO	√	√	√	√	√		
		DSM	ISO	√	√	√	√	√		
		EATC	ISO	√	√	√	√	√		
		GEM	ISO	√	√	√	√	√		
		HEC	ISO	√	√	√	√	√		
		LTM	ISO	√	√	√	√	√		
		PAM	ISO	√	√	√	√	√	S5	
		RAP	ISO/PWM	√	√	√	√	√	S15	
		RCM	ISO	√	√	√	√	√		
				PCM	PWM	√	√	√	√	√
ABS	PWM			√	√	√	√	√		
ACM	ISO			√	√	√	√	√		
CPM	ISO			√	√	√	√	√		

## Usa Ford **V38.00** Diagnostics List (Note:For reference only)

Year	Vehicle	System	Protocol	Functions						
				Sys. Info.	Read code	Clear code	Data stream	Actuation	Special functions	Others
	CONTINENTAL 4.6L	DDM	ISO	√	√	√	√	√		
		DSM	ISO	√	√	√	√	√		
		EATC	ISO	√	√	√	√	√		
		LCM	ISO/PWM	√	√	√	√	√	S7	
		NGVM	ISO	√	√	√	√	√		
		RCM	ISO	√	√	√	√	√		
		RESC	ISO	√	√	√	√	√		
		VDM	ISO	√	√	√	√	√		
	VIC	ISO	√	√	√	√	√			
	COUGAR 2.0L	PCM	PWM	√	√	√	√	√		
		ABS	ISO	√	√	√	√	√	S2	
		CSM	ISO	√	√	√	√	√		
		ECS	ISO	√	√	√	√	√		
		HEC	ISO	√	√	√	√	√		
	COUGAR 2.5L	PCM	PWM	√	√	√	√	√		
		ABS	ISO	√	√	√	√	√	S2	
		CSM	ISO	√	√	√	√	√		
		ECS	ISO	√	√	√	√	√		
		HEC	ISO	√	√	√	√	√		
	CROWN VICTORIA 4.6L	PCM	PWM	√	√	√	√	√		
		ABS	ISO	√	√	√	√	√		
		AFCM	ISO	√	√	√	√	√		
		DDM	ISO	√	√	√	√	√		

## Usa Ford **V38.00** Diagnostics List (Note:For reference only)

Year	Vehicle	System	Protocol	Functions						
				Sys. Info.	Read code	Clear code	Data stream	Actuation	Special functions	Others
	CROWN VICTORIA 4.0L	EATC	ISO	√	√	√	√	√		
		ECS	ISO	√	√	√	√	√		
		LCM	ISO/PWM	√	√	√	√	√	S7	
		PATS	ISO	√	√	√	√	√		
	ECONOLINE E150 4.2L	PCM	PWM	√	√	√	√	√		
		ABS	ISO	√	√	√	√	√	S2	
		ECS	ISO	√	√	√	√	√		
	ECONOLINE E150 4.6L	PCM	PWM	√	√	√	√	√		
		ABS	ISO	√	√	√	√	√	S2	
		ECS	ISO	√	√	√	√	√		
	ECONOLINE 5.4L	PCM	PWM	√	√	√	√	√		
		ABS	ISO	√	√	√	√	√	S2	
		AFCM	ISO	√	√	√	√	√		
		ECS	ISO	√	√	√	√	√		
	ECONOLINE 6.8L	PCM	PWM	√	√	√	√	√		
		ABS	ISO	√	√	√	√	√	S2	
		ECS	ISO	√	√	√	√	√		
	ECONOLINE 7.3L	PCM	PWM	√	√	√	√	√		
		ABS	ISO	√	√	√	√	√	S2	
		ECS	ISO	√	√	√	√	√		
	ESCAPE 2.0L (TRIBUTE)	PCM	PWM	√	√	√	√	√		
ABS		ISO	√	√	√	√	√			
GEM		ISO	√	√	√	√	√			

## Usa Ford **V38.00** Diagnostics List (Note:For reference only)

Year	Vehicle	System	Protocol	Functions						
				Sys. Info.	Read code	Clear code	Data stream	Actuation	Special functions	Others
		ICM	ISO	√	√	√	√	√		
		RCM	ISO	√	√	√	√	√		
	ESCAPE 3.0L (TRIBUTE)	PCM	PWM	√	√	√	√	√		
		ABS	ISO	√	√	√	√	√		
		GEM	ISO	√	√	√	√	√		
		ICM	ISO	√	√	√	√	√		
		RCM	ISO	√	√	√	√	√		
	ESCORT 2.0L	PCM	PWM	√	√	√	√	√		
		ABS	ISO	√	√	√	√	√	S2	
		ECS	ISO	√	√	√	√	√		
		RAP	ISO	√	√	√	√	√		
	EXCURSION 5.4L	PCM	PWM	√	√	√	√	√		
		ABS	ISO	√	√	√	√	√	S2	
		CSM	ISO/PWM	√	√	√	√	√	S5	
		DSM	ISO	√	√	√	√	√		
		EATC	UBP		√	√	√			
		GEM	ISO	√	√	√	√	√		
		HEC	ISO	√	√	√	√	√		
		OTC	ISO	√	√	√	√	√	S8	
PAM		ISO	√	√	√	√	√			
PATS		ISO	√	√	√	√	√			
RCM		ISO	√	√	√	√	√			
	PCM	PWM	√	√	√	√	√			



## Usa Ford **V38.00** Diagnostics List (Note:For reference only)

Year	Vehicle	System	Protocol	Functions						
				Sys. Info.	Read code	Clear code	Data stream	Actuation	Special functions	Others
	EXCURSION 6.8L	ABS	ISO	√	√	√	√	√	S2	
		CSM	ISO/PWM	√	√	√	√	√	S5	
		DSM	ISO	√	√	√	√	√		
		EATC	UBP		√	√	√			
		GEM	ISO	√	√	√	√	√		
		HEC	ISO	√	√	√	√	√		
		OTC	ISO	√	√	√	√	√	S8	
		PAM	ISO	√	√	√	√	√		
		PATS	ISO	√	√	√	√	√		
	RCM	ISO	√	√	√	√	√			
	EXCURSION 7.3L	PCM	PWM	√	√	√	√	√		
		ABS	ISO	√	√	√	√	√	S2	
		EATC	UBP		√	√	√			
		ECS	ISO	√	√	√	√	√		
	EXPEDITION 4.6L	PCM	PWM	√	√	√	√	√		
		4WAS	ISO	√	√	√	√	√		
		ABS	ISO	√	√	√	√	√	S2	
		DSM	ISO	√	√	√	√	√		
		EATC	ISO	√	√	√	√	√		
		GEM	ISO	√	√	√	√	√		
		HEC	ISO	√	√	√	√	√		
		PAM	ISO	√	√	√	√	√	S5	
	RAP	ISO/PWM	√	√	√	√	√	S15		

## Usa Ford **V38.00** Diagnostics List (Note:For reference only)

Year	Vehicle	System	Protocol	Functions						
				Sys. Info.	Read code	Clear code	Data stream	Actuation	Special functions	Others
		RCM	ISO	√	√	√	√	√		
	EXPEDITION 5.4L	PCM	PWM	√	√	√	√	√		
		4WAS	ISO	√	√	√	√	√		
		ABS	ISO	√	√	√	√	√	S2	
		DSM	ISO	√	√	√	√	√		
		EATC	ISO	√	√	√	√	√		
		GEM	ISO	√	√	√	√	√		
		HEC	ISO	√	√	√	√	√		
		PAM	ISO	√	√	√	√	√	S5	
		RAP	ISO/PWM	√	√	√	√	√	S15	
		RCM	ISO	√	√	√	√	√		
	EXPLORER 4.0L	PCM	PWM	√	√	√	√	√		
		4X4	UBP		√	√	√	√		
		ABS	ISO	√	√	√	√	√	S2	
		CSM	ISO/PWM	√	√	√	√	√	S5	
		DATC	ISO	√	√	√	√	√		
		DSM	ISO	√	√	√	√	√		
		GEM	ISO	√	√	√	√	√		
		ICM	ISO	√	√	√	√	√		
		PAM	ISO	√	√	√	√	√	S5	
		RCM	ISO	√	√	√	√	√	S4	
		PCM	PWM	√	√	√	√	√		
		4X4	UBP		√	√	√	√		

## Usa Ford **V38.00** Diagnostics List (Note:For reference only)

Year	Vehicle	System	Protocol	Functions						
				Sys. Info.	Read code	Clear code	Data stream	Actuation	Special functions	Others
	EXPLORER 4.6L	ABS	ISO	√	√	√	√	√	S2	
		CSM	ISO/PWM	√	√	√	√	√	S5	
		DATC	ISO	√	√	√	√	√		
		DSM	ISO	√	√	√	√	√		
		GEM	ISO	√	√	√	√	√		
		ICM	ISO	√	√	√	√	√		
		PAM	ISO	√	√	√	√	√	S5	
	RCM	ISO	√	√	√	√	√	S4		
	EXPL-SPORT TRAC 4.0L	PCM	PWM	√	√	√	√	√		
		4X4	ISO	√	√	√	√	√		
		ABS	ISO	√	√	√	√	√		
		GEM	ISO	√	√	√	√	√		
		RAP	ISO	√	√	√	√	√		
		RCM	ISO	√	√	√	√	√		
	EXPL-SPORT 4.0L	PCM	PWM	√	√	√	√	√		
		4X4	ISO	√	√	√	√	√		
		ABS	ISO	√	√	√	√	√		
		GEM	ISO	√	√	√	√	√		
		RAP	ISO	√	√	√	√	√		
		RCM	ISO	√	√	√	√	√		
		PCM	PWM	√	√	√	√	√		
ABS		ISO	√	√	√	√	√	S2		
CTM		ISO	√	√	√	√	√	S7		

## Usa Ford **V38.00** Diagnostics List (Note:For reference only)

Year	Vehicle	System	Protocol	Functions						
				Sys. Info.	Read code	Clear code	Data stream	Actuation	Special functions	Others
	F-150 4.2L	GEM	ISO	√	√	√	√	√		
		HEC	ISO	√	√	√	√	√		
		RAP	ISO/PWM	√	√	√	√	√	S15	
		RCM	ISO	√	√	√	√	√		
	F-150 4.6L	PCM	PWM	√	√	√	√	√		
		ABS	ISO	√	√	√	√	√	S2	
		CTM	ISO	√	√	√	√	√	S7	
		GEM	ISO	√	√	√	√	√		
		HEC	ISO	√	√	√	√	√		
		RAP	ISO/PWM	√	√	√	√	√	S15	
		RCM	ISO	√	√	√	√	√		
	F-150 5.4L	PCM	PWM	√	√	√	√	√		
		ABS	ISO	√	√	√	√	√	S2	
		AFCM	ISO	√	√	√	√	√		
		CTM	ISO	√	√	√	√	√	S7	
		GEM	ISO	√	√	√	√	√		
		HEC	ISO	√	√	√	√	√		
		RAP	ISO/PWM	√	√	√	√	√	S15	
		RCM	ISO	√	√	√	√	√		
	F-150 5.4L	PCM	PWM	√	√	√	√	√		
ABS		ISO	√	√	√	√	√	S2		
CSM		ISO/PWM	√	√	√	√	√	S5		
GEM		ISO	√	√	√	√	√			

F-150 5.4L

## Usa Ford **V38.00** Diagnostics List (Note:For reference only)

Year	Vehicle	System	Protocol	Functions						
				Sys. Info.	Read code	Clear code	Data stream	Actuation	Special functions	Others
2002	F SER-S DUTY 5.4L	HEC	ISO	√	√	√	√	√		
		OTC	ISO	√	√	√	√	√	S16	
		PAM	ISO	√	√	√	√	√	S5	
		RCM	ISO	√	√	√	√	√	S9	
	F SER-S DUTY 6.8L	PCM	PWM	√	√	√	√	√		
		ABS	ISO	√	√	√	√	√	S2	
		CSM	ISO/PWM	√	√	√	√	√	S5	
		GEM	ISO	√	√	√	√	√		
		HEC	ISO	√	√	√	√	√		
		OTC	ISO	√	√	√	√	√	S16	
		PAM	ISO	√	√	√	√	√	S5	
		RCM	ISO	√	√	√	√	√	S9	
	F SER-S DUTY 7.3L DIESEL	PCM	PWM	√	√	√	√	√		
		ABS	ISO	√	√	√	√	√	S2	
		CSM	ISO/PWM	√	√	√	√	√	S5	
		GEM	ISO	√	√	√	√	√		
		HEC	ISO	√	√	√	√	√		
		OTC	ISO	√	√	√	√	√	S16	
		PAM	ISO	√	√	√	√	√	S5	
		RCM	ISO	√	√	√	√	√	S9	
	F800 5.9L CUMMINS	ABS	ISO	√	√	√	√	√		
		GEM	ISO	√	√	√	√	√		
	F800 3126E-CAT	ABS	ISO	√	√	√	√	√		

## Usa Ford **V38.00** Diagnostics List (Note:For reference only)

Year	Vehicle	System	Protocol	Functions						
				Sys. Info.	Read code	Clear code	Data stream	Actuation	Special functions	Others
	F800 5.120L CAT	GEM	ISO	√	√	√	√	√		
	F800 7.3L DIESEL	PCM	PWM	√	√	√	√	√		
		ABS	ISO	√	√	√	√	√		
		GEM	ISO	√	√	√	√	√		
	F650/750 5.9L DIESEL	ABS	ISO	√	√	√	√	√		
		GEM	ISO	√	√	√	√	√		
	F650/750 7.2L DIESEL	ABS	ISO	√	√	√	√	√		
		GEM	ISO	√	√	√	√	√		
	F650/750 7.3L DIESEL	PCM	PWM	√	√	√	√	√		
		ABS	ISO	√	√	√	√	√		
		GEM	ISO	√	√	√	√	√		
	FOCUS 2.0L 2V/4V	PCM	PWM	√	√	√	√	√		
		ABS	ISO	√	√	√	√	√		
		GEM	ISO	√	√	√	√	√		
		HEC	ISO	√	√	√	√	√		
		RCM	ISO	√	√	√	√	√		
	GRAND MARQUIS 4.6L	PCM	PWM	√	√	√	√	√		
		ABS	ISO	√	√	√	√	√		
		AFCM	ISO	√	√	√	√	√		
		DDM	ISO	√	√	√	√	√		
		EATC	ISO	√	√	√	√	√		
ECS		ISO	√	√	√	√	√			
FFH		ISO	√	√	√	√	√			

## Usa Ford **V38.00** Diagnostics List (Note:For reference only)

Year	Vehicle	System	Protocol	Functions						
				Sys. Info.	Read code	Clear code	Data stream	Actuation	Special functions	Others
		LCM	ISO/PWM	√	√	√	√	√	S7	
		PATS	ISO	√	√	√	√	√		
	LS 3.0L	PCM	PWM	√	√	√	√	√		
		ABS	ISO	√	√	√	√	√		
		ACM	ISO	√	√	√	√	√		
		CPM	ISO	√	√	√	√	√		
		DATC	ISO	√	√	√	√	√		
		DDM	ISO	√	√	√	√	√		
		DSM	ISO	√	√	√	√	√		
		GEM	ISO	√	√	√	√	√		
		ICM	ISO	√	√	√	√	√		
		MCM	ISO	√	√	√	√	√		
		RCM	ISO	√	√	√	√	√		
		REM	ISO	√	√	√	√	√		
		RESC	ISO	√	√	√	√	√	S14	
		SCLM	ISO	√	√	√	√	√	S1	
		LS 3.0L	PCM	PWM	√	√	√	√	√	
	ABS		ISO	√	√	√	√	√		
	ACM		ISO	√	√	√	√	√		
	CPM		ISO	√	√	√	√	√		
	DATC		ISO	√	√	√	√	√		
	DDM		ISO	√	√	√	√	√		
	DSM		ISO	√	√	√	√	√		

## Usa Ford **V38.00** Diagnostics List (Note:For reference only)

Year	Vehicle	System	Protocol	Functions						
				Sys. Info.	Read code	Clear code	Data stream	Actuation	Special functions	Others
		GEM	ISO	√	√	√	√	√		
		ICM	ISO	√	√	√	√	√		
		MCM	ISO	√	√	√	√	√		
		RCM	ISO	√	√	√	√	√		
		REM	ISO	√	√	√	√	√		
		RESC	ISO	√	√	√	√	√	S14	
		SCLM	ISO	√	√	√	√	√	S1	
	MOUNTAINEER 4.0L	PCM	PWM	√	√	√	√	√		
		4X4	UBP		√	√	√	√		
		ABS	ISO	√	√	√	√	√	S2	
		CSM	ISO/PWM	√	√	√	√	√	S5	
		DATC	ISO	√	√	√	√	√		
		DSM	ISO	√	√	√	√	√		
		GEM	ISO	√	√	√	√	√		
	MOUNTAINEER 4.6L	ICM	ISO	√	√	√	√	√		
		PAM	ISO	√	√	√	√	√	S5	
		RCM	ISO	√	√	√	√	√	S4	
		PCM	PWM	√	√	√	√	√		
		4X4	UBP		√	√	√	√		
ABS		ISO	√	√	√	√	√	S2		



## Usa Ford **V38.00** Diagnostics List (Note:For reference only)

Year	Vehicle	System	Protocol	Functions						
				Sys. Info.	Read code	Clear code	Data stream	Actuation	Special functions	Others
		GEM	ISO	√	√	√	√	√		
		ICM	ISO	√	√	√	√	√		
		PAM	ISO	√	√	√	√	√	S5	
		RCM	ISO	√	√	√	√	√	S4	
	MUSTANG 3.8L	PCM	PWM	√	√	√	√	√		
		ABS	ISO	√	√	√	√	√		
		GEM	ISO	√	√	√	√	√		
		HEC	ISO	√	√	√	√	√		
		RCM	ISO	√	√	√	√	√		
	MUSTANG 4.6L 2V	PCM	PWM	√	√	√	√	√		
		ABS	ISO	√	√	√	√	√		
		GEM	ISO	√	√	√	√	√		
		HEC	ISO	√	√	√	√	√		
		RCM	ISO	√	√	√	√	√		
	MUSTANG 4.6L 4V	PCM	PWM	√	√	√	√	√		
		ABS	ISO	√	√	√	√	√		
		GEM	ISO	√	√	√	√	√		
		HEC	ISO	√	√	√	√	√		
		RCM	ISO	√	√	√	√	√		
		PCM	PWM	√	√	√	√	√		
4WAS		ISO	√	√	√	√	√			
ABS		ISO	√	√	√	√	√	S2		
DSM		ISO	√	√	√	√	√			

## Usa Ford **V38.00** Diagnostics List (Note:For reference only)

Year	Vehicle	System	Protocol	Functions						
				Sys. Info.	Read code	Clear code	Data stream	Actuation	Special functions	Others
	NAVIGATOR 5.4L	EATC	ISO	√	√	√	√	√		
		GEM	ISO	√	√	√	√	√		
		HEC	ISO	√	√	√	√	√		
		PAM	ISO	√	√	√	√	√	S5	
		RAP	ISO/PWM	√	√	√	√	√	S15	
		RCM	ISO	√	√	√	√	√		
	RANGER 2.3L (B2300)	PCM	PWM	√	√	√	√	√		
		4X4	ISO	√	√	√	√	√		
		ABS	ISO	√	√	√	√	√		
		GEM	ISO	√	√	√	√	√		
		RAP	ISO	√	√	√	√	√		
		RCM	ISO	√	√	√	√	√		
	RANGER 2.5L	PCM	PWM	√	√	√	√	√		
		4X4	ISO	√	√	√	√	√		
		ABS	ISO	√	√	√	√	√		
		GEM	ISO	√	√	√	√	√		
		RAP	ISO	√	√	√	√	√		
		RCM	ISO	√	√	√	√	√		
		CTM	ISO	√	√	√	√	√	S7	
	RANGER 3.0L (B3000)	PCM	PWM	√	√	√	√	√		
		4X4	ISO	√	√	√	√	√		
ABS		ISO	√	√	√	√	√			
GEM		ISO	√	√	√	√	√			

## Usa Ford **V38.00** Diagnostics List (Note:For reference only)

Year	Vehicle	System	Protocol	Functions						
				Sys. Info.	Read code	Clear code	Data stream	Actuation	Special functions	Others
		RAP	ISO	√	√	√	√	√		
		CTM	ISO	√	√	√	√	√	S7	
		RCM	ISO	√	√	√	√	√		
	RANGER 4.0L (B4000)	PCM	PWM	√	√	√	√	√		
		4X4	ISO	√	√	√	√	√		
		ABS	ISO	√	√	√	√	√		
		GEM	ISO	√	√	√	√	√		
		RAP	ISO	√	√	√	√	√		
		CTM	ISO	√	√	√	√	√	S7	
		RCM	ISO	√	√	√	√	√		
		SABLE 3.0L	PCM	PWM	√	√	√	√	√	
	ABS		ISO	√	√	√	√	√	S2	
	EATC		ISO	√	√	√	√	√		
	GEM		ISO	√	√	√	√	√		
	RCM		ISO	√	√	√	√	√		
	TAURUS 3.0L	PCM	PWM	√	√	√	√	√		
		ABS	ISO	√	√	√	√	√	S2	
		EATC	ISO	√	√	√	√	√		
		GEM	ISO	√	√	√	√	√		
		RCM	ISO	√	√	√	√	√		
		PCM	PWM	√	√	√	√	√		
ABS		ISO	√	√	√	√	√			
ACM		ISO	√	√	√	√	√	S12		

## Usa Ford **V38.00** Diagnostics List (Note:For reference only)

Year	Vehicle	System	Protocol	Functions						
				Sys. Info.	Read code	Clear code	Data stream	Actuation	Special functions	Others
	THUNDERBIRD ROADSTER	CPM	ISO	√	√	√	√	√		
		DATC	ISO	√	√	√	√	√		
		DDM	ISO	√	√	√	√	√		
		FEM	ISO	√	√	√	√	√		
		ICM	ISO	√	√	√	√	√		
		RCM	ISO	√	√	√	√	√		
		REM	ISO	√	√	√	√	√	S7	
	TOWN CAR 4.6L	PCM	PWM	√	√	√	√	√		
		ABS	ISO	√	√	√	√	√		
		ACM	ISO	√	√	√	√	√		
		CPM	ISO	√	√	√	√	√		
		DDM	ISO	√	√	√	√	√		
		DSM	ISO	√	√	√	√	√		
		EATC	ISO	√	√	√	√	√		
		HEC	ISO	√	√	√	√	√		
		LCM	ISO/PWM	√	√	√	√	√	S7	
		NGVM	ISO	√	√	√	√	√		
		RASM	ISO	√	√	√	√	√		
		RCM	ISO	√	√	√	√	√	S4	
		RESC	ISO	√	√	√	√	√		
			PCM	PWM	√	√	√	√	√	
ABS	ISO		√	√	√	√	√			
DDM	ISO		√	√	√	√	√			

## Usa Ford **V38.00** Diagnostics List (Note:For reference only)

Year	Vehicle	System	Protocol	Functions						
				Sys. Info.	Read code	Clear code	Data stream	Actuation	Special functions	Others
WINDSTAR 3.8L	DSM	ISO	√	√	√	√	√			
	FEM	ISO	√	√	√	√	√			
	ICM	ISO	√	√	√	√	√			
	MCM	ISO	√	√	√	√	√			
	NGVM	ISO	√	√	√	√	√			
	PAM	ISO	√	√	√	√	√			
	PSD1	ISO	√	√	√	√	√			
	PSD2	ISO	√	√	√	√	√			
	RCM	ISO	√	√	√	√	√			
REM	ISO	√	√	√	√	√	S7			
CONTINENTAL 4.6L	PCM	PWM	√	√	√	√	√			
	ABS	PWM	√	√	√	√	√			
	ACM	ISO	√	√	√	√	√	√		
	CPM	ISO	√	√	√	√	√			
	DDM	ISO	√	√	√	√	√			
	DSM	ISO	√	√	√	√	√			
	EATC	ISO	√	√	√	√	√			
	LCM	ISO/PWM	√	√	√	√	√	√		
	NGVM	ISO	√	√	√	√	√			
	RCM	ISO	√	√	√	√	√			
	RESC	ISO	√	√	√	√	√			
	VDM	ISO	√	√	√	√	√			
VIC	ISO	√	√	√	√	√				

## Usa Ford **V38.00** Diagnostics List (Note:For reference only)

Year	Vehicle	System	Protocol	Functions						
				Sys. Info.	Read code	Clear code	Data stream	Actuation	Special functions	Others
	COUGAR 2.0L	PCM	PWM	√	√	√	√	√		
		ABS	ISO	√	√	√	√	√	S2	
		CSM	ISO	√	√	√	√	√		
		ECS	ISO	√	√	√	√	√		
		HEC	ISO	√	√	√	√	√		
	COUGAR 2.5L	PCM	PWM	√	√	√	√	√		
		ABS	ISO	√	√	√	√	√	S2	
		CSM	ISO	√	√	√	√	√		
		ECS	ISO	√	√	√	√	√		
		HEC	ISO	√	√	√	√	√		
	CROWN VICTORIA 4.6L	PCM	PWM	√	√	√	√	√		
		ABS	ISO	√	√	√	√	√		
		AFCM	ISO	√	√	√	√	√		
		DDM	ISO	√	√	√	√	√		
		EATC	ISO	√	√	√	√	√		
		ECS	ISO	√	√	√	√	√		
		LCM	ISO/PWM	√	√	√	√	√	√	
		PATS	ISO	√	√	√	√	√		
	ECONOLINE E150 4.2L	PCM	PWM	√	√	√	√	√		
		ABS	ISO	√	√	√	√	√	√	
ECS		ISO	√	√	√	√	√			
ECONOLINE E150 4.6L	PCM	PWM	√	√	√	√	√			
	ABS	ISO	√	√	√	√	√	√		

## Usa Ford **V38.00** Diagnostics List (Note:For reference only)

Year	Vehicle	System	Protocol	Functions						
				Sys. Info.	Read code	Clear code	Data stream	Actuation	Special functions	Others
		ECS	ISO	√	√	√	√	√		
	ECONOLINE 5.4L	PCM	PWM	√	√	√	√	√		
		ABS	ISO	√	√	√	√	√	√	
		AFCM	ISO	√	√	√	√	√		
		ECS	ISO	√	√	√	√	√		
	ECONOLINE 6.8L	PCM	PWM	√	√	√	√	√		
		ABS	ISO	√	√	√	√	√	√	
		ECS	ISO	√	√	√	√	√		
	ECONOLINE 7.3L	PCM	PWM	√	√	√	√	√		
		ABS	ISO	√	√	√	√	√	√	
		ECS	ISO	√	√	√	√	√		
	ESCAPE 2.0L (TRIBUTE)	PCM	PWM	√	√	√	√	√		
		ABS	ISO	√	√	√	√	√		
		GEM	ISO	√	√	√	√	√		
		ICM	ISO	√	√	√	√	√		
		RCM	ISO	√	√	√	√	√		
	ESCAPE 3.0L (TRIBUTE)	PCM	PWM	√	√	√	√	√		
		ABS	ISO	√	√	√	√	√		
		GEM	ISO	√	√	√	√	√		
		ICM	ISO	√	√	√	√	√		
		RCM	ISO	√	√	√	√	√		
	ESCORT 2.0L	PCM	PWM	√	√	√	√	√		
		ABS	ISO	√	√	√	√	√	√	

## Usa Ford **V38.00** Diagnostics List (Note:For reference only)

Year	Vehicle	System	Protocol	Functions						
				Sys. Info.	Read code	Clear code	Data stream	Actuation	Special functions	Others
	ESCORT 2.0L	ECS	ISO	√	√	√	√	√		
		RAP	ISO	√	√	√	√	√		
	EXCURSION 5.4L	PCM	PWM	√	√	√	√	√		
		ABS	ISO	√	√	√	√	√	√	
		ECS	ISO	√	√	√	√	√		
		GEM	ISO	√	√	√	√	√		
		OTC	ISO	√	√	√	√	√	√	
		PAM	ISO	√	√	√	√	√	√	
		PATS	ISO	√	√	√	√	√		
	EXCURSION 6.8L	PCM	PWM	√	√	√	√	√		
		ABS	ISO	√	√	√	√	√	√	
		ECS	ISO	√	√	√	√	√		
		GEM	ISO	√	√	√	√	√		
		PAM	ISO	√	√	√	√	√	√	
		OTC	ISO	√	√	√	√	√	√	
		PATS	ISO	√	√	√	√	√		
	EXCURSION 7.3L	PCM	PWM	√	√	√	√	√		
		ABS	ISO	√	√	√	√	√	√	
		ECS	ISO	√	√	√	√	√		
		GEM	ISO	√	√	√	√	√		
		OTC	ISO	√	√	√	√	√	√	
PAM		ISO	√	√	√	√	√	√		
PATS		ISO	√	√	√	√	√			



## Usa Ford **V38.00** Diagnostics List (Note:For reference only)

Year	Vehicle	System	Protocol	Functions						
				Sys. Info.	Read code	Clear code	Data stream	Actuation	Special functions	Others
	EXPEDITION 4.6L	PCM	PWM	√	√	√	√	√		
		4WAS	ISO	√	√	√	√	√		
		ABS	ISO	√	√	√	√	√	√	
		DSM	ISO	√	√	√	√	√		
		EATC	ISO	√	√	√	√	√		
		GEM	ISO	√	√	√	√	√		
		HEC	ISO	√	√	√	√	√		
		PAM	ISO	√	√	√	√	√	√	
		RAP	ISO/PWM	√	√	√	√	√	√	
	RCM	ISO	√	√	√	√	√			
	EXPEDITION 5.4L	PCM	PWM	√	√	√	√	√		
		4WAS	ISO	√	√	√	√	√		
		ABS	ISO	√	√	√	√	√	√	
		DSM	ISO	√	√	√	√	√		
		EATC	ISO	√	√	√	√	√		
		GEM	ISO	√	√	√	√	√		
		HEC	ISO	√	√	√	√	√		
		PAM	ISO	√	√	√	√	√	√	
		RAP	ISO/PWM	√	√	√	√	√	√	
RCM	ISO	√	√	√	√	√				
	PCM	PWM	√	√	√	√	√			
	ABS	ISO	√	√	√	√	√	S2		
	DSM	ISO	√	√	√	√	√			

## Usa Ford **V38.00** Diagnostics List (Note:For reference only)

Year	Vehicle	System	Protocol	Functions						
				Sys. Info.	Read code	Clear code	Data stream	Actuation	Special functions	Others
	EXPLORER 4.0L	EATC	ISO	√	√	√	√	√		
		GEM	ISO	√	√	√	√	√		
		ICM	ISO	√	√	√	√	√		
		PAM	ISO	√	√	√	√	√	√	
		RASM	ISO	√	√	√	√	√		
		RAP	ISO/PWM	√	√	√	√	√	√	
		RCM	ISO	√	√	√	√	√		
		VSM	ISO	√	√	√	√	√		
	_4X4	ISO	√	√	√	√	√	√		
	EXPLORER 5.0L	PCM	PWM	√	√	√	√	√		
		ABS	ISO	√	√	√	√	√	S2	
		DSM	ISO	√	√	√	√	√		
		EATC	ISO	√	√	√	√	√		
		GEM	ISO	√	√	√	√	√		
		ICM	ISO	√	√	√	√	√		
		PAM	ISO	√	√	√	√	√	√	
		RASM	ISO	√	√	√	√	√		
		RAP	ISO/PWM	√	√	√	√	√	√	
		RCM	ISO	√	√	√	√	√		
		VSM	ISO	√	√	√	√	√		
		_4X4	ISO	√	√	√	√	√	√	
		PCM	PWM	√	√	√	√	√		
		4X4	ISO	√	√	√	√	√		

## Usa Ford **V38.00** Diagnostics List (Note:For reference only)

Year	Vehicle	System	Protocol	Functions						
				Sys. Info.	Read code	Clear code	Data stream	Actuation	Special functions	Others
	EXPL-SPORT TRAC 4.0L	ABS	ISO	√	√	√	√	√		
		GEM	ISO	√	√	√	√	√		
		PATS	ISO	√	√	√	√	√		
		RAP	ISO	√	√	√	√	√		
		RCM	ISO	√	√	√	√	√		
		_4X4	ISO	√	√	√	√	√	√	
	EXPL-SPORT 4.0L	PCM	PWM	√	√	√	√	√		
		4X4	ISO	√	√	√	√	√		
		ABS	ISO	√	√	√	√	√		
		GEM	ISO	√	√	√	√	√		
		PATS	ISO	√	√	√	√	√		
		RAP	ISO	√	√	√	√	√		
		RCM	ISO	√	√	√	√	√		
	_4X4	ISO	√	√	√	√	√	√		
	F-150 4.2L	PCM	PWM	√	√	√	√	√		
		ABS	ISO	√	√	√	√	√	√	
		CTM	ISO	√	√	√	√	√	√	
		GEM	ISO	√	√	√	√	√		
		HEC	ISO	√	√	√	√	√		
		RAP	ISO/PWM	√	√	√	√	√	√	
		RCM	ISO	√	√	√	√	√		
	PCM	PWM	√	√	√	√	√			
	ABS	ISO	√	√	√	√	√	√		

## Usa Ford **V38.00** Diagnostics List (Note:For reference only)

Year	Vehicle	System	Protocol	Functions						
				Sys. Info.	Read code	Clear code	Data stream	Actuation	Special functions	Others
	F-150 4.6L	CTM	ISO	√	√	√	√	√	√	
		GEM	ISO	√	√	√	√	√		
		HEC	ISO	√	√	√	√	√		
		RAP	ISO/PWM	√	√	√	√	√	√	
		RCM	ISO	√	√	√	√	√		
	F-150 5.4L	PCM	PWM	√	√	√	√	√		
		ABS	ISO	√	√	√	√	√	√	
		CTM	ISO	√	√	√	√	√	√	
		GEM	ISO	√	√	√	√	√		
		HEC	ISO	√	√	√	√	√		
		RAP	ISO/PWM	√	√	√	√	√	√	
	F-250 4.6L+	RCM	ISO	√	√	√	√	√		
		PCM	PWM	√	√	√	√	√		
		ABS	ISO	√	√	√	√	√	√	
		CTM	ISO	√	√	√	√	√	√	
		GEM	ISO	√	√	√	√	√		
		HEC	ISO	√	√	√	√	√		
		RAP	ISO/PWM	√	√	√	√	√	√	
	F-250/350 5.4L+	RCM	ISO	√	√	√	√	√		
PCM		PWM	√	√	√	√	√			
ABS		ISO	√	√	√	√	√	√		
AFCM		ISO	√	√	√	√	√			
		CTM	ISO	√	√	√	√	√	√	

## Usa Ford **V38.00** Diagnostics List (Note:For reference only)

Year	Vehicle	System	Protocol	Functions						
				Sys. Info.	Read code	Clear code	Data stream	Actuation	Special functions	Others
	F 250/350 3.4L+	GEM	ISO	√	√	√	√	√		
		HEC	ISO	√	√	√	√	√		
		RAP	ISO/PWM	√	√	√	√	√	√	
		RCM	ISO	√	√	√	√	√		
	F SER-S DUTY 3.9L+ DIESEL	PCM	PWM	√	√	√	√	√		
		ABS	ISO	√	√	√	√	√	√	
		CTM	ISO	√	√	√	√	√	√	
		ECS	ISO	√	√	√	√	√		
		GEM	ISO	√	√	√	√	√		
		OTC	ISO	√	√	√	√	√	√	
		PAM	ISO	√	√	√	√	√	√	
		PATS	ISO	√	√	√	√	√		
	F SER-S DUTY 4.2L+	RIM	ISO	√	√	√	√	√		
		PCM	PWM	√	√	√	√	√		
		ABS	ISO	√	√	√	√	√	√	
		CTM	ISO	√	√	√	√	√	√	
		ECS	ISO	√	√	√	√	√		
		GEM	ISO	√	√	√	√	√		
		OTC	ISO	√	√	√	√	√	√	
		PAM	ISO	√	√	√	√	√	√	
	PATS	ISO	√	√	√	√	√			
	PCM	PWM	√	√	√	√	√			
	ABS	ISO	√	√	√	√	√	√		

## Usa Ford **V38.00** Diagnostics List (Note:For reference only)

Year	Vehicle	System	Protocol	Functions						
				Sys. Info.	Read code	Clear code	Data stream	Actuation	Special functions	Others
2001	F SER-S DUTY 4.2L DIESEL	CTM	ISO	√	√	√	√	√	√	
		ECS	ISO	√	√	√	√	√		
		GEM	ISO	√	√	√	√	√		
		OTC	ISO	√	√	√	√	√	√	
		PAM	ISO	√	√	√	√	√	√	
		PATS	ISO	√	√	√	√	√		
	F SER-S DUTY 5.4L+	PCM	PWM	√	√	√	√	√		
		ABS	ISO	√	√	√	√	√	√	
		CTM	ISO	√	√	√	√	√	√	
		ECS	ISO	√	√	√	√	√		
		GEM	ISO	√	√	√	√	√		
		OTC	ISO	√	√	√	√	√	√	
		PAM	ISO	√	√	√	√	√	√	
		PATS	ISO	√	√	√	√	√		
	F SER-S DUTY 6.8 L	PCM	PWM	√	√	√	√	√		
		ABS	ISO	√	√	√	√	√	√	
		AFCM	ISO	√	√	√	√	√		
		CTM	ISO	√	√	√	√	√	√	
		ECS	ISO	√	√	√	√	√		
		GEM	ISO	√	√	√	√	√		
		OTC	ISO	√	√	√	√	√	√	
		PAM	ISO	√	√	√	√	√	√	
		PATS	ISO	√	√	√	√	√		

## Usa Ford **V38.00** Diagnostics List (Note:For reference only)

Year	Vehicle	System	Protocol	Functions						
				Sys. Info.	Read code	Clear code	Data stream	Actuation	Special functions	Others
	F SER-S DUTY 7.3L DIESEL	PCM	PWM	√	√	√	√	√		
		ABS	ISO	√	√	√	√	√	√	
		CTM	ISO	√	√	√	√	√	√	
		ECS	ISO	√	√	√	√	√		
		GEM	ISO	√	√	√	√	√		
		OTC	ISO	√	√	√	√	√	√	
		PAM	ISO	√	√	√	√	√	√	
		PATS	ISO	√	√	√	√	√		
	RIM	ISO	√	√	√	√	√			
	F800 5.9L CUMMINS	ABS	ISO	√	√	√	√	√		
		GEM	ISO	√	√	√	√	√		
	F800 3216E-CAT	ABS	ISO	√	√	√	√	√		
		GEM	ISO	√	√	√	√	√		
	F800 7.3L DIESEL	PCM	PWM	√	√	√	√	√		
		ABS	ISO	√	√	√	√	√		
GEM		ISO	√	√	√	√	√			
F12000/14000 5.9L DIESEL	ABS	ISO	√	√	√	√	√			
	GEM	ISO	√	√	√	√	√			
F650/750 5.9L DIESEL	ABS	ISO	√	√	√	√	√			
	GEM	ISO	√	√	√	√	√			
F650/750 7.2L DIESEL	ABS	ISO	√	√	√	√	√			
	GEM	ISO	√	√	√	√	√			
		PCM	PWM	√	√	√	√	√		

## Usa Ford **V38.00** Diagnostics List (Note:For reference only)

Year	Vehicle	System	Protocol	Functions						
				Sys. Info.	Read code	Clear code	Data stream	Actuation	Special functions	Others
	F650/750 7.3L DIESEL	ABS	ISO	√	√	√	√	√		
		GEM	ISO	√	√	√	√	√		
	F7000/8000 5.9L DIESEL	ABS	ISO	√	√	√	√	√		
		GEM	ISO	√	√	√	√	√		
	FIESTA 1.25L MTX	PCM	PWM	√	√	√	√	√		
		ABS	ISO	√	√	√	√	√		
		ECS	ISO	√	√	√	√	√		
		HEC	ISO	√	√	√	√	√		
	FIESTA 1.25L CTX	PATS	ISO	√	√	√	√	√		
		PCM	PWM	√	√	√	√	√		
		ABS	ISO	√	√	√	√	√		
		ECS	ISO	√	√	√	√	√		
	FIESTA 1.3L	GEM	ISO	√	√	√	√	√		
		PATS	ISO	√	√	√	√	√		
		PCM	PWM	√	√	√	√	√		
		ABS	ISO	√	√	√	√	√		
	FIESTA 1.4L 2V	ECS	ISO	√	√	√	√	√		
		HEC	ISO	√	√	√	√	√		
		PCM	PWM	√	√	√	√	√		
	FIESTA 1.4L 4V	ABS	ISO	√	√	√	√	√		
ECS		ISO	√	√	√	√	√			
HEC		ISO	√	√	√	√	√			



## Usa Ford **V38.00** Diagnostics List (Note:For reference only)

Year	Vehicle	System	Protocol	Functions						
				Sys. Info.	Read code	Clear code	Data stream	Actuation	Special functions	Others
		HEC	ISO	√	√	√	√	√		
		PATS	ISO	√	√	√	√	√		
	FIESTA 1.8L DIESEL	PCM	PWM	√	√	√	√	√		
		ABS	ISO	√	√	√	√	√		
		ECS	ISO	√	√	√	√	√		
		HEC	ISO	√	√	√	√	√		
		PATS	ISO	√	√	√	√	√		
		RIM	ISO	√	√	√	√	√		
	FOCUS 1.8L DIESEL	PCM	PWM	√	√	√	√	√		
		ABS	ISO	√	√	√	√	√	S2	
		CSM	ISO/PWM	√	√	√	√	√	√	
		CTM	ISO	√	√	√	√	√	√	
		ECS	ISO	√	√	√	√	√		
		HEC	ISO	√	√	√	√	√		
		MCM	ISO	√	√	√	√	√		
	FOCUS 2.0L 2V/4V	PCM	PWM	√	√	√	√	√		
		ABS	ISO	√	√	√	√	√	S2	
		CSM	ISO/PWM	√	√	√	√	√	√	
		CTM	ISO	√	√	√	√	√	√	
		ECS	ISO	√	√	√	√	√		
HEC		ISO	√	√	√	√	√			
MCM		ISO	√	√	√	√	√			
	PCM	PWM	√	√	√	√	√			

## Usa Ford **V38.00** Diagnostics List (Note:For reference only)

Year	Vehicle	System	Protocol	Functions						
				Sys. Info.	Read code	Clear code	Data stream	Actuation	Special functions	Others
	GRAND MARQUIS 4.6L	ABS	ISO	√	√	√	√	√		
		AFCM	ISO	√	√	√	√	√		
		DDM	ISO	√	√	√	√	√		
		EATC	ISO	√	√	√	√	√		
		ECS	ISO	√	√	√	√	√		
		LCM	ISO/PWM	√	√	√	√	√	√	
		PATS	ISO	√	√	√	√	√		
	KA 1.3L	PCM	PWM	√	√	√	√	√		
		ABS	ISO	√	√	√	√	√		
		ECS	ISO	√	√	√	√	√		
	LS 3.0L	PCM	PWM	√	√	√	√	√		
		ABS	ISO	√	√	√	√	√		
		ACM	ISO	√	√	√	√	√		
		CPM	ISO	√	√	√	√	√		
		DATC	ISO	√	√	√	√	√		
		DDM	ISO	√	√	√	√	√		
		DSM	ISO	√	√	√	√	√		
		GEM	ISO	√	√	√	√	√		
ICM		ISO	√	√	√	√	√			
MCM		ISO	√	√	√	√	√			
RCM		ISO	√	√	√	√	√			
REM		ISO	√	√	√	√	√			
RESC	ISO	√	√	√	√	√	√			

## Usa Ford **V38.00** Diagnostics List (Note:For reference only)

Year	Vehicle	System	Protocol	Functions						
				Sys. Info.	Read code	Clear code	Data stream	Actuation	Special functions	Others
		SCLM	ISO	√	√	√	√	√	√	
	LS 3.9L	PCM	PWM	√	√	√	√	√		
		ABS	ISO	√	√	√	√	√		
		ACM	ISO	√	√	√	√	√		
		CPM	ISO	√	√	√	√	√		
		DATC	ISO	√	√	√	√	√		
		DDM	ISO	√	√	√	√	√		
		DSM	ISO	√	√	√	√	√		
		GEM	ISO	√	√	√	√	√		
		ICM	ISO	√	√	√	√	√		
		MCM	ISO	√	√	√	√	√		
		RCM	ISO	√	√	√	√	√		
		REM	ISO	√	√	√	√	√		
		RESC	ISO	√	√	√	√	√	√	
		SCLM	ISO	√	√	√	√	√	√	
	MOUNTAINEER 4.0L	PCM	PWM	√	√	√	√	√		
		ABS	ISO	√	√	√	√	√	S2	
		ARC	ISO	√	√	√	√	√	√	
		DSM	ISO	√	√	√	√	√		
		EATC	ISO	√	√	√	√	√		
		GEM	ISO	√	√	√	√	√		
		ICM	ISO	√	√	√	√	√		
		RAP	ISO/PWM	√	√	√	√	√	√	



## Usa Ford **V38.00** Diagnostics List (Note:For reference only)

Year	Vehicle	System	Protocol	Functions						
				Sys. Info.	Read code	Clear code	Data stream	Actuation	Special functions	Others
	MUSTANG 4.6L 2V	GEM	ISO	√	√	√	√	√		
		HEC	ISO	√	√	√	√	√		
		RCM	ISO	√	√	√	√	√		
	MUSTANG 4.6L 4V	PCM	PWM	√	√	√	√	√		
		ABS	ISO	√	√	√	√	√		
		GEM	ISO	√	√	√	√	√		
		HEC	ISO	√	√	√	√	√		
	NAVIGATOR 5.4L	RCM	ISO	√	√	√	√	√		
		PCM	PWM	√	√	√	√	√		
		4WAS	ISO	√	√	√	√	√		
		ABS	ISO	√	√	√	√	√	√	
		DSM	ISO	√	√	√	√	√		
		EATC	ISO	√	√	√	√	√		
		GEM	ISO	√	√	√	√	√		
		HEC	ISO	√	√	√	√	√		
		PAM	ISO	√	√	√	√	√	√	
		RAP	ISO/PWM	√	√	√	√	√	√	
	RANGER 2.3L (B2300)	RCM	ISO	√	√	√	√	√		
		PCM	PWM	√	√	√	√	√		
		4X4	ISO	√	√	√	√	√		
ABS		ISO	√	√	√	√	√			
CTM		ISO	√	√	√	√	√	√		
GEM		ISO	√	√	√	√	√			

## Usa Ford **V38.00** Diagnostics List (Note:For reference only)

Year	Vehicle	System	Protocol	Functions						
				Sys. Info.	Read code	Clear code	Data stream	Actuation	Special functions	Others
		RAP	ISO/PWM	√	√	√	√	√	√	
		RCM	ISO	√	√	√	√	√		
	RANGER 2.5L	PCM	PWM	√	√	√	√	√		
		4X4	ISO	√	√	√	√	√		
		ABS	ISO	√	√	√	√	√		
		CTM	ISO	√	√	√	√	√	√	
		GEM	ISO	√	√	√	√	√		
		RAP	ISO/PWM	√	√	√	√	√	√	
		RCM	ISO	√	√	√	√	√		
	RANGER 3.0L (B3000)	PCM	PWM	√	√	√	√	√		
		4X4	ISO	√	√	√	√	√		
		ABS	ISO	√	√	√	√	√		
		CTM	ISO	√	√	√	√	√	√	
		GEM	ISO	√	√	√	√	√		
		RAP	ISO/PWM	√	√	√	√	√	√	
		RCM	ISO	√	√	√	√	√		
	RANGER 4.0L (B4000)	PCM	PWM	√	√	√	√	√		
		4X4	ISO	√	√	√	√	√		
		ABS	ISO	√	√	√	√	√		
		CTM	ISO	√	√	√	√	√	√	
		GEM	ISO	√	√	√	√	√		
RAP		ISO/PWM	√	√	√	√	√	√		
RCM		ISO	√	√	√	√	√			

## Usa Ford **V38.00** Diagnostics List (Note:For reference only)

Year	Vehicle	System	Protocol	Functions						
				Sys. Info.	Read code	Clear code	Data stream	Actuation	Special functions	Others
	SABLE 3.0L	PCM	PWM	√	√	√	√	√		
		ABS	ISO	√	√	√	√	√	S2	
		EATC	ISO	√	√	√	√	√		
		GEM	ISO	√	√	√	√	√		
		RCM	ISO	√	√	√	√	√		
	TAURUS 3.0L	PCM	PWM	√	√	√	√	√		
		ABS	ISO	√	√	√	√	√	S2	
		EATC	ISO	√	√	√	√	√		
		GEM	ISO	√	√	√	√	√		
		RCM	ISO	√	√	√	√	√		
	TOWN CAR 4.6L	PCM	PWM	√	√	√	√	√		
		ABS	ISO	√	√	√	√	√		
		ACM	ISO	√	√	√	√	√		
		CPM	ISO	√	√	√	√	√		
		DDM	ISO	√	√	√	√	√		
DSM		ISO	√	√	√	√	√			
EATC		ISO	√	√	√	√	√			
HEC		ISO	√	√	√	√	√			
LCM		ISO/PWM	√	√	√	√	√	√		
NGVM		ISO	√	√	√	√	√			
RASM		ISO	√	√	√	√	√			
RCM	ISO	√	√	√	√	√				
	PCM	PWM	√	√	√	√	√			

## Usa Ford **V38.00** Diagnostics List (Note:For reference only)

Year	Vehicle	System	Protocol	Functions						
				Sys. Info.	Read code	Clear code	Data stream	Actuation	Special functions	Others
WINDSTAR 3.8L	ABS	ISO	√	√	√	√	√			
	DDM	ISO	√	√	√	√	√			
	DSM	ISO	√	√	√	√	√			
	FEM	ISO	√	√	√	√	√			
	ICM	ISO	√	√	√	√	√			
	MCM	ISO	√	√	√	√	√			
	NGVM	ISO	√	√	√	√	√			
	PAM	ISO	√	√	√	√	√			
	PSD1	ISO	√	√	√	√	√			
	PSD2	ISO	√	√	√	√	√			
	RCM	ISO	√	√	√	√	√			
	REM	ISO	√	√	√	√	√	√		
CONTINENTAL 4.6L	PCM	PWM	√	√	√	√	√			
	ABS	PWM	√	√	√	√	√			
	ACM	ISO	√	√	√	√	√	√		
	CPM	ISO	√	√	√	√	√			
	DDM	ISO	√	√	√	√	√			
	DSM	ISO	√	√	√	√	√			
	EATC	ISO	√	√	√	√	√			
	LCM	ISO/PWM	√	√	√	√	√	√		
	NGVM	ISO	√	√	√	√	√			
	RCM	ISO	√	√	√	√	√			
	RESC	ISO	√	√	√	√	√	√		



## Usa Ford **V38.00** Diagnostics List (Note:For reference only)

Year	Vehicle	System	Protocol	Functions						
				Sys. Info.	Read code	Clear code	Data stream	Actuation	Special functions	Others
		VDM	ISO	√	√	√	√	√		
		VIC	ISO	√	√	√	√	√		
	CONTOUR 2.0L	PCM	PWM	√	√	√	√	√		
		ABS	ISO	√	√	√	√	√	S2	
		4X4	ISO	√	√	√	√	√		
		AFCM	ISO	√	√	√	√	√		
		CSM	ISO	√	√	√	√	√		
		ECS	ISO	√	√	√	√	√		
		RCM	ISO	√	√	√	√	√		
	CONTOUR 2.5L	PCM	PWM	√	√	√	√	√		
		ABS	ISO	√	√	√	√	√	S2	
		CSM	ISO	√	√	√	√	√		
		ECS	ISO	√	√	√	√	√		
		RCM	ISO	√	√	√	√	√		
	COUGAR 2.0L	PCM	PWM	√	√	√	√	√		
		ABS	ISO	√	√	√	√	√	S2	
		CSM	ISO	√	√	√	√	√		
		ECS	ISO	√	√	√	√	√		
		HEC	ISO	√	√	√	√	√		
	COUGAR 2.5L	PCM	PWM	√	√	√	√	√		
ABS		ISO	√	√	√	√	√	S2		
CSM		ISO	√	√	√	√	√			
ECS		ISO	√	√	√	√	√			

## Usa Ford **V38.00** Diagnostics List (Note:For reference only)

Year	Vehicle	System	Protocol	Functions						
				Sys. Info.	Read code	Clear code	Data stream	Actuation	Special functions	Others
		HEC	ISO	√	√	√	√	√		
	CROWN VICTORIA 4.6L	PCM	PWM	√	√	√	√	√		
		ABS	PWM	√	√	√	√	√		
		AFCM	ISO	√	√	√	√	√		
		DDM	ISO	√	√	√	√	√		
		EATC	ISO	√	√	√	√	√		
		ECS	ISO	√	√	√	√	√		
		LCM	ISO/PWM	√	√	√	√	√	√	
		PATS	ISO	√	√	√	√	√		
	ECONOLINE E150 4.2L	PCM	PWM	√	√	√	√	√		
		ABS	ISO	√	√	√	√	√	√	
		ECS	ISO	√	√	√	√	√		
	ECONOLINE E150 4.6L	PCM	PWM	√	√	√	√	√		
		ABS	ISO	√	√	√	√	√	√	
		ECS	ISO	√	√	√	√	√		
	ECONOLINE 5.4L	PCM	PWM	√	√	√	√	√		
		ABS	ISO	√	√	√	√	√	√	
		AFCM	ISO	√	√	√	√	√		
		ECS	ISO	√	√	√	√	√		
	ECONOLINE 6.8L	PCM	PWM	√	√	√	√	√		
		ABS	ISO	√	√	√	√	√	√	
		ECS	ISO	√	√	√	√	√		
		PCM	PWM	√	√	√	√	√		

## Usa Ford **V38.00** Diagnostics List (Note:For reference only)

Year	Vehicle	System	Protocol	Functions						
				Sys. Info.	Read code	Clear code	Data stream	Actuation	Special functions	Others
	ECONOLINE 7.3L	ABS	ISO	√	√	√	√	√	√	
		ECS	ISO	√	√	√	√	√		
	ESCORT 2.0L	PCM	PWM	√	√	√	√	√		
		ABS	ISO	√	√	√	√	√	√	
		ECS	ISO	√	√	√	√	√		
		DLM	ISO/PWM						√	
		RAP	ISO/PWM	√	√	√	√	√	√	
	EXCURSION 5.4L	PCM	PWM	√	√	√	√	√		
		ABS	ISO	√	√	√	√	√	√	
		ECS	ISO	√	√	√	√	√		
		GEM	ISO	√	√	√	√	√		
		OTC	ISO	√	√	√	√	√	√	
		PAM	ISO	√	√	√	√	√	√	
		PATS	ISO	√	√	√	√	√		
	EXCURSION 6.8L	PCM	PWM	√	√	√	√	√		
		ABS	ISO	√	√	√	√	√	√	
		ECS	ISO	√	√	√	√	√		
		GEM	ISO	√	√	√	√	√		
		OTC	ISO	√	√	√	√	√	√	
		PAM	ISO	√	√	√	√	√	√	
PATS		ISO	√	√	√	√	√			
	PCM	PWM	√	√	√	√	√			
	ABS	ISO	√	√	√	√	√	√		

## Usa Ford **V38.00** Diagnostics List (Note:For reference only)

Year	Vehicle	System	Protocol	Functions						
				Sys. Info.	Read code	Clear code	Data stream	Actuation	Special functions	Others
	EXCURSION 7.3L	ECS	ISO	√	√	√	√	√		
		GEM	ISO	√	√	√	√	√		
		OTC	ISO	√	√	√	√	√	√	
		PAM	ISO	√	√	√	√	√	√	
		PATS	ISO	√	√	√	√	√		
	EXPEDITION 4.6L	PCM	PWM	√	√	√	√	√		
		4WAS	ISO	√	√	√	√	√		
		ABS	ISO	√	√	√	√	√	√	
		EATC	ISO	√	√	√	√	√		
		GEM	ISO	√	√	√	√	√		
		HEC	ISO	√	√	√	√	√		
		PAM	ISO	√	√	√	√	√	√	
		RAP	ISO/PWM	√	√	√	√	√	√	
		RCM	ISO	√	√	√	√	√		
	EXPEDITION 5.4L	PCM	PWM	√	√	√	√	√		
		4WAS	ISO	√	√	√	√	√		
		ABS	ISO	√	√	√	√	√	√	
		EATC	ISO	√	√	√	√	√		
		GEM	ISO	√	√	√	√	√		
		HEC	ISO	√	√	√	√	√		
		PAM	ISO	√	√	√	√	√	√	
		RAP	ISO/PWM	√	√	√	√	√	√	
		RCM	ISO	√	√	√	√	√		

## Usa Ford **V38.00** Diagnostics List (Note:For reference only)

Year	Vehicle	System	Protocol	Functions						
				Sys. Info.	Read code	Clear code	Data stream	Actuation	Special functions	Others
	EXPLORER 4.0L	PCM	PWM	√	√	√	√	√		
		ABS	ISO	√	√	√	√	√	S2	
		ARC	ISO	√	√	√	√	√		
		CTM	ISO	√	√	√	√	√	√	
		DSM	ISO	√	√	√	√	√		
		EATC	ISO	√	√	√	√	√		
		GEM	ISO	√	√	√	√	√		
		PAM	ISO	√	√	√	√	√	√	
		PATS	ISO	√	√	√	√	√		
		RAP	ISO/PWM	√	√	√	√	√	√	
	RCM	ISO	√	√	√	√	√			
	EXPLORER 5.0L	PCM	PWM	√	√	√	√	√		
		ABS	ISO	√	√	√	√	√	S2	
		ARC	ISO	√	√	√	√	√		
		CTM	ISO	√	√	√	√	√	√	
		DSM	ISO	√	√	√	√	√		
		EATC	ISO	√	√	√	√	√		
		GEM	ISO	√	√	√	√	√		
		PAM	ISO	√	√	√	√	√	√	
		PATS	ISO	√	√	√	√	√		
RAP		ISO/PWM	√	√	√	√	√	√		
RCM	ISO	√	√	√	√	√				
	PCM	PWM	√	√	√	√	√			

## Usa Ford **V38.00** Diagnostics List (Note:For reference only)

Year	Vehicle	System	Protocol	Functions						
				Sys. Info.	Read code	Clear code	Data stream	Actuation	Special functions	Others
	F-150 4.2L	ABS	ISO	√	√	√	√	√	√	
		CTM	ISO	√	√	√	√	√	√	
		GEM	ISO	√	√	√	√	√		
		HEC	ISO	√	√	√	√	√		
		RAP	ISO/PWM	√	√	√	√	√	√	
		RCM	ISO	√	√	√	√	√		
	F-150 4.6L	PCM	PWM	√	√	√	√	√		
		ABS	ISO	√	√	√	√	√	√	
		CTM	ISO	√	√	√	√	√		
		GEM	ISO	√	√	√	√	√		
		HEC	ISO	√	√	√	√	√		
		RAP	ISO/PWM	√	√	√	√	√	√	
		RCM	ISO	√	√	√	√	√		
	F-150 5.4L	PCM	PWM	√	√	√	√	√		
		ABS	ISO	√	√	√	√	√	√	
		AFCM	ISO	√	√	√	√	√		
		CTM	ISO	√	√	√	√	√		
		GEM	ISO	√	√	√	√	√		
		HEC	ISO	√	√	√	√	√		
		RAP	ISO/PWM	√	√	√	√	√	√	
RCM		ISO	√	√	√	√	√			
	PCM	PWM	√	√	√	√	√			

## Usa Ford **V38.00** Diagnostics List (Note:For reference only)

Year	Vehicle	System	Protocol	Functions						
				Sys. Info.	Read code	Clear code	Data stream	Actuation	Special functions	Others
	F-250 4.6L-	ABS	ISO	√	√	√	√	√	√	
		CTM	ISO	√	√	√	√	√		
		GEM	ISO	√	√	√	√	√		
		HEC	ISO	√	√	√	√	√		
		RAP	ISO/PWM	√	√	√	√	√	√	
		RCM	ISO	√	√	√	√	√	√	
	F-250 5.4L-	PCM	PWM	√	√	√	√	√		
		ABS	ISO	√	√	√	√	√	√	
		AFCM	ISO	√	√	√	√	√		
		CTM	ISO	√	√	√	√	√	√	
		ECS	ISO	√	√	√	√	√		
		GEM	ISO	√	√	√	√	√		
		HEC	ISO	√	√	√	√	√		
		RAP	ISO/PWM	√	√	√	√	√	√	
		RCM	ISO	√	√	√	√	√	√	
	F SER-S DUTY 5.4L+	PCM	PWM	√	√	√	√	√		
		ABS	ISO	√	√	√	√	√	√	
		CTM	ISO	√	√	√	√	√	√	
		ECS	ISO	√	√	√	√	√		
		GEM	ISO	√	√	√	√	√		
		OTC	ISO	√	√	√	√	√	√	
PATS		ISO	√	√	√	√	√			
PCM	PWM	√	√	√	√	√				

## Usa Ford **V38.00** Diagnostics List (Note:For reference only)

Year	Vehicle	System	Protocol	Functions						
				Sys. Info.	Read code	Clear code	Data stream	Actuation	Special functions	Others
2000	F SER-S DUTY 6.8L+	ABS	ISO	√	√	√	√	√	√	
		AFCM	ISO	√	√	√	√	√		
		ECS	ISO	√	√	√	√	√		
		GEM	ISO	√	√	√	√	√		
		OTC	ISO	√	√	√	√	√	√	
		PATS	ISO	√	√	√	√	√		
	F SER-S DUTY 7.3L+DIESEL	PCM	PWM	√	√	√	√	√		
		ABS	ISO	√	√	√	√	√	√	
		CTM	ISO	√	√	√	√	√	√	
		ECS	ISO	√	√	√	√	√		
		GEM	ISO	√	√	√	√	√		
		OTC	ISO	√	√	√	√	√	√	
	F650/750 5.9L DIESEL	ABS	ISO	√	√	√	√	√		
		GEM	ISO	√	√	√	√	√		
	F650/750 7.2L DIESEL	ABS	ISO	√	√	√	√	√		
		GEM	ISO	√	√	√	√	√		
	F650/750 7.3L DIESEL	PCM	PWM	√	√	√	√	√		
		ABS	ISO	√	√	√	√	√		
		GEM	ISO	√	√	√	√	√		
		PCM	PWM	√	√	√	√	√		
		ABS	ISO	√	√	√	√	√	S2	
CSM		ISO/PWM	√	√	√	√	√	√		



## Usa Ford **V38.00** Diagnostics List (Note:For reference only)

Year	Vehicle	System	Protocol	Functions						
				Sys. Info.	Read code	Clear code	Data stream	Actuation	Special functions	Others
	FOCUS 2.0L 2V/4V	CTM	ISO	√	√	√	√	√	√	
		ECS	ISO	√	√	√	√	√		
		HEC	ISO	√	√	√	√	√		
		MCM	ISO	√	√	√	√	√		
	GRAND MARQUIS 4.6L	PCM	PWM	√	√	√	√	√		
		ABS	PWM	√	√	√	√	√		
		AFCM	ISO	√	√	√	√	√		
		DDM	ISO	√	√	√	√	√		
		EATC	ISO	√	√	√	√	√		
		ECS	ISO	√	√	√	√	√		
		LCM	ISO/PWM	√	√	√	√	√	√	
		PATS	ISO	√	√	√	√	√		
	LS 3.0L	PCM	PWM	√	√	√	√	√		
		ABS	ISO	√	√	√	√	√		
		ACM	ISO	√	√	√	√	√		
		CPM	ISO	√	√	√	√	√		
		DATC	ISO	√	√	√	√	√		
		DDM	ISO	√	√	√	√	√		
		DSM	ISO	√	√	√	√	√		
		GEM	ISO	√	√	√	√	√		
ICM		ISO	√	√	√	√	√			
MCM		ISO	√	√	√	√	√			
RCM		ISO	√	√	√	√	√			

## Usa Ford **V38.00** Diagnostics List (Note:For reference only)

Year	Vehicle	System	Protocol	Functions						
				Sys. Info.	Read code	Clear code	Data stream	Actuation	Special functions	Others
		REM	ISO	√	√	√	√	√		
		RESC	ISO	√	√	√	√	√	√	
		SCLM	ISO	√	√	√	√	√	√	
	LS 3.9L	PCM	PWM	√	√	√	√	√		
		ABS	ISO	√	√	√	√	√		
		ACM	ISO	√	√	√	√	√		
		CPM	ISO	√	√	√	√	√		
		DATC	ISO	√	√	√	√	√		
		DDM	ISO	√	√	√	√	√		
		DSM	ISO	√	√	√	√	√		
		GEM	ISO	√	√	√	√	√		
		ICM	ISO	√	√	√	√	√		
		MCM	ISO	√	√	√	√	√		
		RCM	ISO	√	√	√	√	√		
		REM	ISO	√	√	√	√	√		
		RESC	ISO	√	√	√	√	√	√	
		SCLM	ISO	√	√	√	√	√	√	
	MOUNTAINEER 4.0L	PCM	PWM	√	√	√	√	√		
		ABS	ISO	√	√	√	√	√	S2	
		ARC	ISO	√	√	√	√	√	√	
		CTM	ISO	√	√	√	√	√		
		DSM	ISO	√	√	√	√	√		
		EATC	ISO	√	√	√	√	√		

## Usa Ford **V38.00** Diagnostics List (Note:For reference only)

Year	Vehicle	System	Protocol	Functions						
				Sys. Info.	Read code	Clear code	Data stream	Actuation	Special functions	Others
		GEM	ISO	√	√	√	√	√		
		PAM	ISO	√	√	√	√	√	√	
		PATS	ISO	√	√	√	√	√		
		RAP	ISO/PWM	√	√	√	√	√	√	
		RCM	ISO	√	√	√	√	√		
	MOUNTAINEER 5.0L	PCM	PWM	√	√	√	√	√		
		ABS	ISO	√	√	√	√	√	S2	
		ARC	ISO	√	√	√	√	√	√	
		CTM	ISO	√	√	√	√	√		
		DSM	ISO	√	√	√	√	√		
		EATC	ISO	√	√	√	√	√		
		GEM	ISO	√	√	√	√	√		
		PAM	ISO	√	√	√	√	√	√	
		PATS	ISO	√	√	√	√	√		
		RAP	ISO/PWM	√	√	√	√	√	√	
	RCM	ISO	√	√	√	√	√			
	MUSTANG 3.8L	PCM	PWM	√	√	√	√	√		
		ABS	ISO	√	√	√	√	√		
		GEM	ISO	√	√	√	√	√		
		HEC	ISO	√	√	√	√	√		
		RCM	ISO	√	√	√	√	√		
	PCM	PWM	√	√	√	√	√			
	ABS	ISO	√	√	√	√	√			

## Usa Ford **V38.00** Diagnostics List (Note:For reference only)

Year	Vehicle	System	Protocol	Functions						
				Sys. Info.	Read code	Clear code	Data stream	Actuation	Special functions	Others
	MUSTANG 4.6L	GEM	ISO	√	√	√	√	√		
		HEC	ISO	√	√	√	√	√		
		RCM	ISO	√	√	√	√	√		
	MUSTANG 4.6L 2V/4V	PCM	PWM	√	√	√	√	√		
		ABS	ISO	√	√	√	√	√		
		GEM	ISO	√	√	√	√	√		
		HEC	ISO	√	√	√	√	√		
		RCM	ISO	√	√	√	√	√		
	MYSTIQUE 2.0L	PCM	PWM	√	√	√	√	√		
		ABS	ISO	√	√	√	√	√	S2	
		CSM	ISO	√	√	√	√	√		
		ECS	ISO	√	√	√	√	√		
		RCM	ISO	√	√	√	√	√		
	MYSTIQUE 2.5L	PCM	PWM	√	√	√	√	√		
		ABS	ISO	√	√	√	√	√	S2	
		CSM	ISO	√	√	√	√	√		
		ECS	ISO	√	√	√	√	√		
		RCM	ISO	√	√	√	√	√		
	NAVIGATOR 5.4I	PCM	PWM	√	√	√	√	√		
4WAS		ISO	√	√	√	√	√			
ABS		ISO	√	√	√	√	√	√		
DSM		ISO	√	√	√	√	√			
EATC		ISO	√	√	√	√	√			

## Usa Ford **V38.00** Diagnostics List (Note:For reference only)

Year	Vehicle	System	Protocol	Functions						
				Sys. Info.	Read code	Clear code	Data stream	Actuation	Special functions	Others
	NAVIGATOR 3.4L	GEM	ISO	√	√	√	√	√		
		HEC	ISO	√	√	√	√	√		
		PAM	ISO	√	√	√	√	√	√	
		RAP	ISO/PWM	√	√	√	√	√	√	
		RCM	ISO	√	√	√	√	√		
	RANGER 2.5L	PCM	PWM	√	√	√	√	√		
		ABS	ISO	√	√	√	√	√	S2	
		CTM	ISO	√	√	√	√	√	√	
		GEM	ISO	√	√	√	√	√		
		PATS	ISO	√	√	√	√	√		
		RAP	ISO/PWM	√	√	√	√	√	√	
		RCM	ISO	√	√	√	√	√		
	RANGER 3.0L (B3000)	PCM	PWM	√	√	√	√	√		
		ABS	ISO	√	√	√	√	√	S2	
		CTM	ISO	√	√	√	√	√	√	
		GEM	ISO	√	√	√	√	√		
		PATS	ISO	√	√	√	√	√		
		RAP	ISO/PWM	√	√	√	√	√	√	
		RCM	ISO	√	√	√	√	√		
	RANGER 4.0L (B4000)	PCM	PWM	√	√	√	√	√		
		ABS	ISO	√	√	√	√	√	S2	
CTM		ISO	√	√	√	√	√	√		
GEM		ISO	√	√	√	√	√			

## Usa Ford **V38.00** Diagnostics List (Note:For reference only)

Year	Vehicle	System	Protocol	Functions						
				Sys. Info.	Read code	Clear code	Data stream	Actuation	Special functions	Others
		PATS	ISO	√	√	√	√	√		
		RAP	ISO/PWM	√	√	√	√	√	√	
		RCM	ISO	√	√	√	√	√		
	SABLE 3.0L	PCM	PWM	√	√	√	√	√		
		ABS	ISO	√	√	√	√	√	S2	
		EATC	ISO	√	√	√	√	√		
		GEM	ISO	√	√	√	√	√		
		RCM	ISO	√	√	√	√	√		
		PCM	PWM	√	√	√	√	√		
	TAURUS 3.0L	ABS	ISO	√	√	√	√	√	S2	
		EATC	ISO	√	√	√	√	√		
		GEM	ISO	√	√	√	√	√		
		RCM	ISO	√	√	√	√	√		
		PCM	PWM	√	√	√	√	√		
	TOWN CAR 4.6L	ABS	PWM	√	√	√	√	√		
		ACM	ISO	√	√	√	√	√	√	
		CPM	ISO	√	√	√	√	√		
		DDM	ISO	√	√	√	√	√		
		DSM	ISO	√	√	√	√	√		
		EATC	ISO	√	√	√	√	√		
HEC		ISO	√	√	√	√	√			
LCM		ISO/PWM	√	√	√	√	√	√		
NGVM		ISO	√	√	√	√	√			

## Usa Ford **V38.00** Diagnostics List (Note:For reference only)

Year	Vehicle	System	Protocol	Functions						
				Sys. Info.	Read code	Clear code	Data stream	Actuation	Special functions	Others
		RASM	ISO	√	√	√	√	√		
		RCM	ISO	√	√	√	√	√		
	WINDSTAR 3.0L	PCM	PWM	√	√	√	√	√		
		ABS	ISO	√	√	√	√	√		
		DDM	ISO	√	√	√	√	√		
		GEM	PWM		√	√	√			
		ICM	ISO	√	√	√	√	√		
		MCM	ISO	√	√	√	√	√		
		NGVM	ISO	√	√	√	√	√		
		PAM	ISO	√	√	√	√	√		
		PSD1	ISO	√	√	√	√	√		
		PSD2	ISO	√	√	√	√	√		
		RCM	ISO	√	√	√	√	√		
		REM	ISO	√	√	√	√	√		
	WINDSTAR 3.8L	PCM	PWM	√	√	√	√	√		
		ABS	ISO	√	√	√	√	√		
		DDM	ISO	√	√	√	√	√		
		GEM	ISO	√	√	√	√	√		
		ICM	ISO	√	√	√	√	√		
		MCM	ISO	√	√	√	√	√		
		NGVM	ISO	√	√	√	√	√		
		PAM	PWM		√	√	√			
	PSD1	ISO	√	√	√	√	√			

## Usa Ford **V38.00** Diagnostics List (Note:For reference only)

Year	Vehicle	System	Protocol	Functions						
				Sys. Info.	Read code	Clear code	Data stream	Actuation	Special functions	Others
		PSD2	ISO	√	√	√	√	√		
		RCM	ISO	√	√	√	√	√		
		REM	ISO	√	√	√	√	√		
	FAIRLANE (AU/AUII)	BEM	ISO/PWM						√	
	FAIRMONT (AU/AUII)	BEM	ISO/PWM						√	
	FALCON (AU/AUII)	BEM	ISO/PWM						√	
	LTD (AU/AUII)	BEM	ISO/PWM						√	
CONTINENTAL 4.6L		PCM	PWM	√	√	√	√	√		
		ABS	PWM	√	√	√	√	√		
		ACM	ISO	√	√	√	√	√	√	
		CPM	ISO	√	√	√	√	√		
		DDM	ISO	√	√	√	√	√		
		DSM	ISO	√	√	√	√	√		
		EATC	ISO	√	√	√	√	√		
		LCM	ISO/PWM	√	√	√	√	√	√	
		NGVM	ISO	√	√	√	√	√		
		RCM	ISO	√	√	√	√	√		
		RESC	ISO	√	√	√	√	√	√	
		VDM	ISO	√	√	√	√	√		
		VIC	ISO	√	√	√	√	√		
CONTINENTAL 2.0L		PCM	PWM	√	√	√	√	√		
		ABS	ISO	√	√	√	√	√	S2	
		AFCM	ISO	√	√	√	√	√		



## Usa Ford **V38.00** Diagnostics List (Note:For reference only)

Year	Vehicle	System	Protocol	Functions						
				Sys. Info.	Read code	Clear code	Data stream	Actuation	Special functions	Others
	CONTOUR 2.0L	CSM	ISO	√	√	√	√	√		
		RCM	ISO	√	√	√	√	√		
	CONTOUR 2.5L	PCM	PWM	√	√	√	√	√		
		ABS	ISO	√	√	√	√	√	S2	
		CSM	ISO	√	√	√	√	√		
		RCM	ISO	√	√	√	√	√		
	COUGAR 2.0L	PCM	PWM	√	√	√	√	√		
		ABS	ISO	√	√	√	√	√	S2	
		CSM	ISO	√	√	√	√	√		
		ECS	ISO	√	√	√	√	√		
		HEC	ISO	√	√	√	√	√		
	COUGAR 2.5L	PCM	PWM	√	√	√	√	√		
		ABS	ISO	√	√	√	√	√	S2	
		CSM	ISO	√	√	√	√	√		
		ECS	ISO	√	√	√	√	√		
		HEC	ISO	√	√	√	√	√		
	CROWN VICTORIA 4.6L	PCM	PWM	√	√	√	√	√		
		ABS	PWM	√	√	√	√	√		
		AFCM	ISO	√	√	√	√	√		
		DDM	ISO	√	√	√	√	√		
		EATC	ISO	√	√	√	√	√		
		ECS	ISO	√	√	√	√	√		

## Usa Ford **V38.00** Diagnostics List (Note:For reference only)

Year	Vehicle	System	Protocol	Functions						
				Sys. Info.	Read code	Clear code	Data stream	Actuation	Special functions	Others
		LCM	ISO	√	√	√	√	√		
		PATS	ISO	√	√	√	√	√		
	ECONOLINE E150 4.2L	PCM	PWM	√	√	√	√	√		
		ABS	ISO	√	√	√	√	√	√	
		ECS	ISO	√	√	√	√	√		
	ECONOLINE E150 4.6L	PCM	PWM	√	√	√	√	√		
		ABS	ISO	√	√	√	√	√	√	
		ECS	ISO	√	√	√	√	√		
	ECONOLINE E250 4.2L	PCM	PWM	√	√	√	√	√		
		ABS	ISO	√	√	√	√	√	√	
		ECS	ISO	√	√	√	√	√		
	ECONOLINE 5.4L	PCM	PWM	√	√	√	√	√		
		ABS	ISO	√	√	√	√	√	√	
		AFCM	ISO	√	√	√	√	√		
		ECS	ISO	√	√	√	√	√		
	ECONOLINE 6.8L	PCM	PWM	√	√	√	√	√		
		ABS	ISO	√	√	√	√	√	√	
		ECS	ISO	√	√	√	√	√		
	ECONOLINE 7.3L	PCM	PWM	√	√	√	√	√		
		ABS	ISO	√	√	√	√	√	√	
ECS		ISO	√	√	√	√	√			
		PCM	PWM	√	√	√	√	√		
		ABS	ISO	√	√	√	√	√	√	

## Usa Ford **V38.00** Diagnostics List (Note:For reference only)

Year	Vehicle	System	Protocol	Functions						
				Sys. Info.	Read code	Clear code	Data stream	Actuation	Special functions	Others
	ESCORT 2.0L	RAP	ISO/PWM	√	√	√	√	√	√	
		DLM	ISO/PWM						√	
		ECS	ISO	√	√	√	√	√		
	EXPEDITION 4.6L	PCM	PWM	√	√	√	√	√		
		4WAS	ISO	√	√	√	√	√		
		ABS	ISO	√	√	√	√	√	√	
		EATC	ISO	√	√	√	√	√		
		GEM	ISO	√	√	√	√	√		
		HEC	ISO	√	√	√	√	√		
		RAP	ISO/PWM	√	√	√	√	√	√	
		RCM	ISO	√	√	√	√	√		
	EXPEDITION 5.4L	PCM	PWM	√	√	√	√	√		
		4WAS	ISO	√	√	√	√	√		
		ABS	ISO	√	√	√	√	√	√	
		EATC	ISO	√	√	√	√	√		
		GEM	ISO	√	√	√	√	√		
		HEC	ISO	√	√	√	√	√		
		RAP	ISO/PWM	√	√	√	√	√	√	
		RCM	ISO	√	√	√	√	√		
		PCM	PWM	√	√	√	√	√		
ABS		ISO	√	√	√	√	√	S2		
ARC		ISO	√	√	√	√	√	√		
CTM		ISO	√	√	√	√	√			

## Usa Ford **V38.00** Diagnostics List (Note:For reference only)

Year	Vehicle	System	Protocol	Functions						
				Sys. Info.	Read code	Clear code	Data stream	Actuation	Special functions	Others
	EXPLORER 4.0L	DSM	ISO	√	√	√	√	√		
		EATC	ISO	√	√	√	√	√		
		GEM	ISO	√	√	√	√	√		
		PAM	ISO	√	√	√	√	√	√	
		PATS	ISO	√	√	√	√	√		
		RAP	ISO/PWM	√	√	√	√	√	√	
		RCM	ISO	√	√	√	√	√		
	EXPLORER 5.0L	PCM	PWM	√	√	√	√	√		
		ABS	ISO	√	√	√	√	√	S2	
		ARC	ISO	√	√	√	√	√	√	
		CTM	ISO	√	√	√	√	√		
		DSM	ISO	√	√	√	√	√		
		EATC	ISO	√	√	√	√	√		
		GEM	ISO	√	√	√	√	√		
		PAM	ISO	√	√	√	√	√	√	
		PATS	ISO	√	√	√	√	√		
		RAP	ISO/PWM	√	√	√	√	√	√	
	RCM	ISO	√	√	√	√	√			
	F-150 4.2L	PCM	PWM	√	√	√	√	√		
		ABS	ISO	√	√	√	√	√	√	
		CTM	ISO	√	√	√	√	√		
GEM		ISO	√	√	√	√	√			
HEC		ISO	√	√	√	√	√			

## Usa Ford **V38.00** Diagnostics List (Note:For reference only)

Year	Vehicle	System	Protocol	Functions						
				Sys. Info.	Read code	Clear code	Data stream	Actuation	Special functions	Others
		RAP	ISO/PWM	√	√	√	√	√	√	
		RCM	ISO	√	√	√	√	√		
	F-150 4.6L	PCM	PWM	√	√	√	√	√		
		ABS	ISO	√	√	√	√	√	√	
		CTM	ISO	√	√	√	√	√		
		GEM	ISO	√	√	√	√	√		
		HEC	ISO	√	√	√	√	√		
		RAP	ISO/PWM	√	√	√	√	√	√	
		RCM	ISO	√	√	√	√	√		
		F-150 5.4L	PCM	PWM	√	√	√	√	√	
	ABS		ISO	√	√	√	√	√	√	
	AFCM		ISO	√	√	√	√	√		
	GEM		ISO	√	√	√	√	√		
	HEC		ISO	√	√	√	√	√		
	RAP		ISO/PWM	√	√	√	√	√	√	
	RCM		ISO	√	√	√	√	√		
	F-250 4.6L-	PCM	PWM	√	√	√	√	√		
		ABS	ISO	√	√	√	√	√	√	
		CTM	ISO	√	√	√	√	√		
		GEM	ISO	√	√	√	√	√		
		HEC	ISO	√	√	√	√	√		
RAP		ISO/PWM	√	√	√	√	√	√		
RCM		ISO	√	√	√	√	√	√		

## Usa Ford **V38.00** Diagnostics List (Note:For reference only)

Year	Vehicle	System	Protocol	Functions						
				Sys. Info.	Read code	Clear code	Data stream	Actuation	Special functions	Others
1999	F-250 5.4L-	PCM	PWM	√	√	√	√	√		
		ABS	ISO	√	√	√	√	√	√	
		AFCM	ISO	√	√	√	√	√		
		CTM	ISO	√	√	√	√	√		
		GEM	ISO	√	√	√	√	√		
		HEC	ISO	√	√	√	√	√		
		RAP	ISO/PWM	√	√	√	√	√	√	
	F SER-S DUTY 5.4L+	PCM	PWM	√	√	√	√	√		
		ABS	ISO	√	√	√	√	√	√	
		CTM	ISO	√	√	√	√	√		
		ECS	ISO	√	√	√	√	√		
		GEM	ISO	√	√	√	√	√		
		OTC	ISO	√	√	√	√	√	√	
		PATS	ISO	√	√	√	√	√		
	F SER-S DUTY 6.8L+	PCM	PWM	√	√	√	√	√		
		ABS	ISO	√	√	√	√	√	√	
		CTM	ISO	√	√	√	√	√		
		ECS	ISO	√	√	√	√	√		
		GEM	ISO	√	√	√	√	√		
		OTC	ISO	√	√	√	√	√	√	
		PATS	ISO	√	√	√	√	√		

## Usa Ford **V38.00** Diagnostics List (Note:For reference only)

Year	Vehicle	System	Protocol	Functions						
				Sys. Info.	Read code	Clear code	Data stream	Actuation	Special functions	Others
	F SER-S DUTY 7.3L+	PCM	PWM	√	√	√	√	√		
		ABS	ISO	√	√	√	√	√	√	
		CTM	ISO	√	√	√	√	√		
		ECS	ISO	√	√	√	√	√		
		GEM	ISO	√	√	√	√	√		
		OTC	ISO	√	√	√	√	√	√	
		PATS	ISO	√	√	√	√	√		
	GRAND MARQUIS 4.6L	PCM	PWM	√	√	√	√	√		
		ABS	PWM	√	√	√	√	√		
		AFCM	ISO	√	√	√	√	√		
		DDM	ISO	√	√	√	√	√		
		EATC	ISO	√	√	√	√	√		
		ECS	ISO	√	√	√	√	√		
		LCM	ISO	√	√	√	√	√		
	PATS	ISO	√	√	√	√	√			
	MOUNTAINEER 4.0L	PCM	PWM	√	√	√	√	√		
		ABS	ISO	√	√	√	√	√	S2	
		ARC	ISO	√	√	√	√	√	√	
		CTM	ISO	√	√	√	√	√		
		DSM	ISO	√	√	√	√	√		
		EATC	ISO	√	√	√	√	√		
		GEM	ISO	√	√	√	√	√		

## Usa Ford **V38.00** Diagnostics List (Note:For reference only)

Year	Vehicle	System	Protocol	Functions						
				Sys. Info.	Read code	Clear code	Data stream	Actuation	Special functions	Others
		PAM	ISO	√	√	√	√	√	√	
		PATS	ISO	√	√	√	√	√		
		RAP	ISO/PWM	√	√	√	√	√	√	
	MOUNTAINEER 5.0L	PCM	PWM	√	√	√	√	√		
		ABS	ISO	√	√	√	√	√	S2	
		ARC	ISO	√	√	√	√	√	√	
		CTM	ISO	√	√	√	√	√		
		DSM	ISO	√	√	√	√	√		
		GEM	ISO	√	√	√	√	√		
		PAM	ISO	√	√	√	√	√	√	
		PATS	ISO	√	√	√	√	√		
		RAP	ISO/PWM	√	√	√	√	√	√	
		RCM	ISO	√	√	√	√	√		
	MUSTANG 3.8L	PCM	PWM	√	√	√	√	√		
		ABS	ISO	√	√	√	√	√		
		GEM	ISO	√	√	√	√	√		
		HEC	ISO	√	√	√	√	√		
		RCM	ISO	√	√	√	√	√		
	MUSTANG 4.6L 2V/4V	PCM	PWM	√	√	√	√	√		
		ABS	ISO	√	√	√	√	√		
		GEM	ISO	√	√	√	√	√		
HEC		ISO	√	√	√	√	√			
RCM		ISO	√	√	√	√	√			



## Usa Ford **V38.00** Diagnostics List (Note:For reference only)

Year	Vehicle	System	Protocol	Functions						
				Sys. Info.	Read code	Clear code	Data stream	Actuation	Special functions	Others
	MYSTIQUE 2.0L	PCM	PWM	√	√	√	√	√		
		ABS	ISO	√	√	√	√	√	S2	
		CSM	ISO	√	√	√	√	√		
		RCM	ISO	√	√	√	√	√		
	MYSTIQUE 2.5L	PCM	PWM	√	√	√	√	√		
		ABS	ISO	√	√	√	√	√	S2	
		CSM	ISO	√	√	√	√	√		
		RCM	ISO	√	√	√	√	√		
	NAVIGATOR 5.4L	PCM	PWM	√	√	√	√	√		
		4WAS	ISO	√	√	√	√	√		
		ABS	ISO	√	√	√	√	√	√	
		DSM	ISO	√	√	√	√	√		
		EATC	ISO	√	√	√	√	√		
		GEM	ISO	√	√	√	√	√		
		RAP	ISO/PWM	√	√	√	√	√	√	
	RCM	ISO	√	√	√	√	√			
	RANGER 2.5L	PCM	PWM	√	√	√	√	√		
		ABS	ISO	√	√	√	√	√	S2	
		CTM	ISO	√	√	√	√	√		
		GEM	ISO	√	√	√	√	√		
RAP		ISO/PWM	√	√	√	√	√	√		
RCM		ISO	√	√	√	√	√			
		PCM	PWM	√	√	√	√	√		

## Usa Ford **V38.00** Diagnostics List (Note:For reference only)

Year	Vehicle	System	Protocol	Functions						
				Sys. Info.	Read code	Clear code	Data stream	Actuation	Special functions	Others
	RANGER 3.0L (B3000)	ABS	ISO	√	√	√	√	√	S2	
		CTM	ISO	√	√	√	√	√		
		GEM	ISO	√	√	√	√	√		
		PATS	ISO	√	√	√	√	√		
		RAP	ISO/PWM	√	√	√	√	√	√	
		RCM	ISO	√	√	√	√	√		
	RANGER 4.0L (B4000)	PCM	PWM	√	√	√	√	√		
		ABS	ISO	√	√	√	√	√	S2	
		CTM	ISO	√	√	√	√	√		
		GEM	ISO	√	√	√	√	√		
		PATS	ISO	√	√	√	√	√		
		RAP	ISO/PWM	√	√	√	√	√	√	
	SABLE 3.0L 2V/4V	RCM	ISO	√	√	√	√	√		
		PCM	PWM	√	√	√	√	√		
		ABS	ISO	√	√	√	√	√		
		ECS	ISO	√	√	√	√	√	√	
		GEM	ISO	√	√	√	√	√		
		IABM	ISO	√	√	√	√	√		
		PATS	ISO	√	√	√	√	√		
		RAP	ISO/PWM	√	√	√	√	√	√	
		RCC	ISO	√	√	√	√	√		
SARC	ISO	√	√	√	√	√				
PCM	PWM	√	√	√	√	√				

## Usa Ford **V38.00** Diagnostics List (Note:For reference only)

Year	Vehicle	System	Protocol	Functions						
				Sys. Info.	Read code	Clear code	Data stream	Actuation	Special functions	Others
	TAURUS 3.0L 2V/4V	ABS	ISO	√	√	√	√	√		
		ECS	ISO	√	√	√	√	√	√	
		GEM	ISO	√	√	√	√	√		
		IABM	ISO	√	√	√	√	√		
		PATS	ISO	√	√	√	√	√		
		RAP	ISO/PWM	√	√	√	√	√	√	
		RCC	ISO	√	√	√	√	√		
		SARC	ISO	√	√	√	√	√		
	TAURUS 3.4L SHO	PCM	PWM	√	√	√	√	√		
		ABS	ISO	√	√	√	√	√		
		ECS	ISO	√	√	√	√	√	√	
		GEM	ISO	√	√	√	√	√		
		IABM	ISO	√	√	√	√	√		
		PATS	ISO	√	√	√	√	√		
		RAP	ISO/PWM	√	√	√	√	√	√	
		RCC	ISO	√	√	√	√	√		
	TOWN CAR 4.6L	SARC	ISO	√	√	√	√	√		
		PCM	PWM	√	√	√	√	√		
		ABS	PWM	√	√	√	√	√		
		ACM	ISO	√	√	√	√	√	√	
		CPM	ISO	√	√	√	√	√		
DDM		ISO	√	√	√	√	√			
DSM		ISO	√	√	√	√	√			

## Usa Ford **V38.00** Diagnostics List (Note:For reference only)

Year	Vehicle	System	Protocol	Functions						
				Sys. Info.	Read code	Clear code	Data stream	Actuation	Special functions	Others
	TOWN CAR 4.0L	EATC	ISO	√	√	√	√	√		
		HEC	ISO	√	√	√	√	√		
		LCM	ISO	√	√	√	√	√	√	
		NGVM	ISO	√	√	√	√	√		
		RASM	ISO	√	√	√	√	√		
		RCM	ISO	√	√	√	√	√		
	TRACER 2.0L	PCM	PWM	√	√	√	√	√		
		ABS	ISO	√	√	√	√	√	√	
		ECS	ISO	√	√	√	√	√		
		RAP	ISO	√	√	√	√	√		
	WINDSTAR 3.0L	PCM	PWM	√	√	√	√	√		
		ABS	ISO	√	√	√	√	√		
		DDM	ISO	√	√	√	√	√		
		GEM	PWM		√	√	√			
		ICM	ISO	√	√	√	√	√		
		MCM	ISO	√	√	√	√	√		
		NGVM	ISO	√	√	√	√	√		
		PAM	ISO	√	√	√	√	√		
		PSD1	ISO	√	√	√	√	√		
PSD2		ISO	√	√	√	√	√			
RCM		ISO	√	√	√	√	√			
REM		ISO	√	√	√	√	√			
	PCM	PWM	√	√	√	√	√			

## Usa Ford **V38.00** Diagnostics List (Note:For reference only)

Year	Vehicle	System	Protocol	Functions						
				Sys. Info.	Read code	Clear code	Data stream	Actuation	Special functions	Others
	WINDSTAR 3.8L	ABS	ISO	√	√	√	√	√		
		DDM	ISO	√	√	√	√	√		
		GEM	PWM		√	√	√			
		ICM	ISO	√	√	√	√	√		
		MCM	ISO	√	√	√	√	√		
		NGVM	ISO	√	√	√	√	√		
		PAM	ISO	√	√	√	√	√		
		PSD1	ISO	√	√	√	√	√		
		PSD2	ISO	√	√	√	√	√		
		RCM	ISO	√	√	√	√	√		
	REM	ISO	√	√	√	√	√			
	FAIRLANE (AU/AUII)	BEM	ISO/PWM						√	
	FAIRMONT (AU/AUII)	BEM	ISO/PWM						√	
	FALCON (AU/AUII)	BEM	ISO/PWM						√	
LTD (AU/AUII)	BEM	ISO/PWM						√		
	CONTINENTAL 4.6L	PCM	PWM	√	√	√	√	√		
		ABS	PWM	√	√	√	√	√		
		ACM	ISO	√	√	√	√	√	√	
		CPM	ISO	√	√	√	√	√		
		DDM	ISO	√	√	√	√	√		
		DSM	ISO	√	√	√	√	√		
		EATC	ISO	√	√	√	√	√		
		ECS	ISO	√	√	√	√	√	√	

## Usa Ford **V38.00** Diagnostics List (Note:For reference only)

Year	Vehicle	System	Protocol	Functions						
				Sys. Info.	Read code	Clear code	Data stream	Actuation	Special functions	Others
		LCM	ISO/PWM	√	√	√	√	√	√	
		NGVM	ISO	√	√	√	√	√		
		RESC	ISO	√	√	√	√	√	√	
		VDM	ISO	√	√	√	√	√		
		VIC	ISO	√	√	√	√	√		
	CONTOUR 2.0L	PCM	PWM	√	√	√	√	√		
		ABS	ISO	√	√	√	√	√		
		AFCM	ISO	√	√	√	√	√		
		CSM	ISO	√	√	√	√	√		
		PATS	ISO	√	√	√	√	√		
	CONTOUR 2.5L	PCM	PWM	√	√	√	√	√		
		ABS	ISO	√	√	√	√	√		
		AFCM	ISO	√	√	√	√	√		
		CSM	ISO	√	√	√	√	√		
		PATS	ISO	√	√	√	√	√		
	CROWN VICTORIA 4.6L	PCM	PWM	√	√	√	√	√		
		ABS	PWM	√	√	√	√	√		
		AFCM	ISO	√	√	√	√	√		
		DDM	ISO	√	√	√	√	√		
EATC		ISO	√	√	√	√	√			
ECS		ISO	√	√	√	√	√			
LCM		ISO	√	√	√	√	√			
PATS		ISO	√	√	√	√	√			

## Usa Ford **V38.00** Diagnostics List (Note:For reference only)

Year	Vehicle	System	Protocol	Functions						
				Sys. Info.	Read code	Clear code	Data stream	Actuation	Special functions	Others
	ECONOLINE 4.2L	PCM	PWM	√	√	√	√	√		
		ABS	ISO	√	√	√	√	√	√	
		AFCM	ISO	√	√	√	√	√		
		ECS	ISO	√	√	√	√	√		
	ECONOLINE 4.6L	PCM	PWM	√	√	√	√	√		
		ABS	ISO	√	√	√	√	√	√	
		AFCM	ISO	√	√	√	√	√		
		ECS	ISO	√	√	√	√	√		
	ECONOLINE 5.4L	PCM	PWM	√	√	√	√	√		
		ABS	ISO	√	√	√	√	√	√	
		AFCM	ISO	√	√	√	√	√		
		ECS	ISO	√	√	√	√	√		
ECONOLINE 6.8L	PCM	PWM	√	√	√	√	√			
	ABS	ISO	√	√	√	√	√	√		
	AFCM	ISO	√	√	√	√	√			
	ECS	ISO	√	√	√	√	√			
ECONOLINE 7.3L	PCM	PWM	√	√	√	√	√			
	ABS	ISO	√	√	√	√	√	√		
	AFCM	ISO	√	√	√	√	√			
	ECS	ISO	√	√	√	√	√			
ESCORT 2.0L	PCM	PWM	√	√	√	√	√			
	ABS	ISO	√	√	√	√	√	√		
	ECS	ISO	√	√	√	√	√			

## Usa Ford **V38.00** Diagnostics List (Note:For reference only)

Year	Vehicle	System	Protocol	Functions						
				Sys. Info.	Read code	Clear code	Data stream	Actuation	Special functions	Others
		DLM	ISO/PWM						√	
		RAP	ISO/PWM	√	√	√	√	√	√	
	EXPEDITION 4.6L	PCM	PWM	√	√	√	√	√		
		4WAS	ISO	√	√	√	√	√		
		ABS	ISO	√	√	√	√	√	√	
		EVO	ISO	√	√	√	√	√		
		GEM	ISO	√	√	√	√	√		
		IABM	ISO	√	√	√	√	√		
		PATS	PWM	√	√	√	√	√	√	
		RAP	ISO/PWM	√	√	√	√	√	√	
	EXPEDITION 5.4L	PCM	PWM	√	√	√	√	√		
		4WAS	ISO	√	√	√	√	√		
		ABS	ISO	√	√	√	√	√	√	
		EVO	ISO	√	√	√	√	√		
		GEM	ISO	√	√	√	√	√		
		IABM	ISO	√	√	√	√	√		
		PATS	PWM	√	√	√	√	√	√	
		RAP	ISO/PWM	√	√	√	√	√	√	
	EXPLORER 4.0L	PCM	PWM	√	√	√	√	√		
		ABS	ISO	√	√	√	√	√	S2	
ARC		ISO	√	√	√	√	√	√		
DSM		ISO	√	√	√	√	√			
EATC		ISO	√	√	√	√	√			



## Usa Ford **V38.00** Diagnostics List (Note:For reference only)

Year	Vehicle	System	Protocol	Functions						
				Sys. Info.	Read code	Clear code	Data stream	Actuation	Special functions	Others
		GEM	ISO	√	√	√	√	√		
		IABM	ISO	√	√	√	√	√		
		PATS	PWM	√	√	√	√	√		
		RAP	ISO/PWM	√	√	√	√	√	√	
	EXPLORER 5.0L	PCM	PWM	√	√	√	√	√		
		ABS	ISO	√	√	√	√	√	S2	
		ARC	ISO	√	√	√	√	√	√	
		DSM	ISO	√	√	√	√	√		
		EATC	ISO	√	√	√	√	√		
		GEM	ISO	√	√	√	√	√		
		IABM	ISO	√	√	√	√	√		
		PATS	PWM	√	√	√	√	√		
	RAP	ISO/PWM	√	√	√	√	√	√		
	F-150 4.2L	PCM	PWM	√	√	√	√	√		
		ABS	ISO	√	√	√	√	√	√	
		AFCM	ISO	√	√	√	√	√		
		GEM	ISO	√	√	√	√	√		
		IABM	ISO	√	√	√	√	√		
		RAP	ISO/PWM	√	√	√	√	√	√	
	F-150 4.6L	PCM	PWM	√	√	√	√	√		
ABS		ISO	√	√	√	√	√	√		
AFCM		ISO	√	√	√	√	√			
GEM		ISO	√	√	√	√	√			

## Usa Ford **V38.00** Diagnostics List (Note:For reference only)

Year	Vehicle	System	Protocol	Functions						
				Sys. Info.	Read code	Clear code	Data stream	Actuation	Special functions	Others
		IABM	ISO	√	√	√	√	√		
		RAP	ISO/PWM	√	√	√	√	√	√	
	F-150 5.4L	PCM	PWM	√	√	√	√	√		
		ABS	ISO	√	√	√	√	√	√	
		AFCM	ISO	√	√	√	√	√		
		GEM	ISO	√	√	√	√	√		
		IABM	ISO	√	√	√	√	√		
		RAP	ISO/PWM	√	√	√	√	√	√	
	F-250 4.6L	PCM	PWM	√	√	√	√	√		
		ABS	ISO	√	√	√	√	√	√	
		AFCM	ISO	√	√	√	√	√		
		GEM	ISO	√	√	√	√	√		
		IABM	ISO	√	√	√	√	√		
		RAP	ISO/PWM	√	√	√	√	√	√	
	F-250 5.4L	PCM	PWM	√	√	√	√	√		
		ABS	ISO	√	√	√	√	√	√	
		AFCM	ISO	√	√	√	√	√		
		GEM	ISO	√	√	√	√	√		
		IABM	ISO	√	√	√	√	√		
		RAP	ISO/PWM	√	√	√	√	√	√	
	FIESTA 1.3L	PCM	PWM	√	√	√	√	√		
ABS		ISO	√	√	√	√	√	S2		
DLM		ISO/PWM						√		

## Usa Ford **V38.00** Diagnostics List (Note:For reference only)

Year	Vehicle	System	Protocol	Functions						
				Sys. Info.	Read code	Clear code	Data stream	Actuation	Special functions	Others
1998		PATS	ISO	√	√	√	√	√		
	FIESTA 1.4L	PCM	PWM	√	√	√	√	√		
		ABS	ISO	√	√	√	√	√	S2	
		DLM	ISO/PWM						√	
		PATS	ISO	√	√	√	√	√		
	GRAND MARQUIS 4.6L	PCM	PWM	√	√	√	√	√		
		ABS	PWM	√	√	√	√	√		
		AFCM	ISO	√	√	√	√	√		
		DDM	ISO	√	√	√	√	√		
		EATC	ISO	√	√	√	√	√		
		ECS	ISO	√	√	√	√	√		
		LCM	ISO	√	√	√	√	√		
		PATS	ISO	√	√	√	√	√		
	MARK VIII 4.6L	PCM	PWM	√	√	√	√	√		
		ABS	PWM	√	√	√	√	√		
		DDM	ISO	√	√	√	√	√		
		DSM	ISO	√	√	√	√	√		
		EATC	ISO	√	√	√	√	√		
		HEC	ISO	√	√	√	√	√		
		IVD	ISO	√	√	√	√	√		
MCM		ISO	√	√	√	√	√			
SCIL		ISO	√	√	√	√	√			
VLCM	ISO	√	√	√	√	√				

## Usa Ford **V38.00** Diagnostics List (Note:For reference only)

Year	Vehicle	System	Protocol	Functions							
				Sys. Info.	Read code	Clear code	Data stream	Actuation	Special functions	Others	
	MOUNTAINEER 4.0L	PCM	PWM	√	√	√	√	√			
		ABS	ISO	√	√	√	√	√	S2		
		CTM	ISO	√	√	√	√	√			
		DSM	ISO	√	√	√	√	√			
		GEM	ISO	√	√	√	√	√			
		IABM	ISO	√	√	√	√	√			
		PATS	ISO	√	√	√	√	√			
			RAP	ISO/PWM	√	√	√	√	√		
	MOUNTAINEER 5.0L	PCM	PWM	√	√	√	√	√			
		ABS	ISO	√	√	√	√	√	S2		
		CTM	ISO	√	√	√	√	√			
		DSM	ISO	√	√	√	√	√			
		GEM	ISO	√	√	√	√	√			
		IABM	ISO	√	√	√	√	√			
		PATS	ISO	√	√	√	√	√			
			RAP	ISO/PWM	√	√	√	√	√		
	MUSTANG 3.8L	PCM	PWM	√	√	√	√	√			
		ABS	ISO	√	√	√	√	√			
		IABM	ISO	√	√	√	√	√			
		PATS	PWM	√	√	√	√	√	√		
	MUSTANG 4.6L 2V	PCM	PWM	√	√	√	√	√			
ABS		ISO	√	√	√	√	√				
IABM		ISO	√	√	√	√	√				

## Usa Ford **V38.00** Diagnostics List (Note:For reference only)

Year	Vehicle	System	Protocol	Functions						
				Sys. Info.	Read code	Clear code	Data stream	Actuation	Special functions	Others
		PATS	PWM	√	√	√	√	√	√	
	MUSTANG 4.6L 4V	PCM	PWM	√	√	√	√	√		
		ABS	ISO	√	√	√	√	√		
		IABM	ISO	√	√	√	√	√		
		PATS	PWM	√	√	√	√	√	√	
	MYSTIQUE 2.0L	PCM	PWM	√	√	√	√	√		
		ABS	ISO	√	√	√	√	√		
		AFCM	ISO	√	√	√	√	√		
		CSM	ISO	√	√	√	√	√		
		PATS	ISO	√	√	√	√	√		
	MYSTIQUE 2.5L	PCM	PWM	√	√	√	√	√		
		ABS	ISO	√	√	√	√	√		
		AFCM	ISO	√	√	√	√	√		
		CSM	ISO	√	√	√	√	√		
		PATS	ISO	√	√	√	√	√		
	NAVIGATOR 5.4L	PCM	PWM	√	√	√	√	√		
		4WAS	ISO	√	√	√	√	√		
		ABS	ISO	√	√	√	√	√	√	
		DSM	ISO	√	√	√	√	√		
		EATC	ISO	√	√	√	√	√		
		GEM	ISO	√	√	√	√	√		
		IABM	ISO	√	√	√	√	√		
		PATS	PWM	√	√	√	√	√	√	

## Usa Ford **V38.00** Diagnostics List (Note:For reference only)

Year	Vehicle	System	Protocol	Functions						
				Sys. Info.	Read code	Clear code	Data stream	Actuation	Special functions	Others
		RAP	ISO/PWM	√	√	√	√	√	√	
	RANGER 2.5L	PCM	PWM	√	√	√	√	√		
		ABS	ISO	√	√	√	√	√	S2	
		CTM	ISO	√	√	√	√	√		
		ECS	ISO	√	√	√	√	√	√	
		GEM	ISO	√	√	√	√	√		
		RAP	ISO/PWM	√	√	√	√	√	√	
	RANGER 3.0L	PCM	PWM	√	√	√	√	√		
		ABS	ISO	√	√	√	√	√	S2	
		CTM	ISO	√	√	√	√	√		
		ECS	ISO	√	√	√	√	√	√	
		GEM	ISO	√	√	√	√	√		
		RAP	ISO/PWM	√	√	√	√	√	√	
	RANGER 4.0L	PCM	PWM	√	√	√	√	√		
		ABS	ISO	√	√	√	√	√	S2	
		CTM	ISO	√	√	√	√	√		
		ECS	ISO	√	√	√	√	√	√	
		GEM	ISO	√	√	√	√	√		
		RAP	ISO/PWM	√	√	√	√	√	√	
	RANGER 3.0L 2V	PCM	PWM	√	√	√	√	√		
		ABS	ISO	√	√	√	√	√		
		ECS	ISO	√	√	√	√	√	√	
		GEM	ISO	√	√	√	√	√		

## Usa Ford **V38.00** Diagnostics List (Note:For reference only)

Year	Vehicle	System	Protocol	Functions						
				Sys. Info.	Read code	Clear code	Data stream	Actuation	Special functions	Others
	SABLE 3.0L 2V	IABM	ISO	√	√	√	√	√		
		PATS	ISO	√	√	√	√	√		
		RAP	ISO/PWM	√	√	√	√	√	√	
		RCC	ISO	√	√	√	√	√		
	SABLE 3.0L 4V	PCM	PWM	√	√	√	√	√		
		ABS	ISO	√	√	√	√	√		
		ECS	ISO	√	√	√	√	√	√	
		GEM	ISO	√	√	√	√	√		
		IABM	ISO	√	√	√	√	√		
		PATS	ISO	√	√	√	√	√		
		RAP	ISO/PWM	√	√	√	√	√	√	
		RCC	ISO	√	√	√	√	√		
	TAURUS 3.0L 2V	PCM	PWM	√	√	√	√	√		
		ABS	ISO	√	√	√	√	√		
		ECS	ISO	√	√	√	√	√	√	
		GEM	ISO	√	√	√	√	√		
		IABM	ISO	√	√	√	√	√		
		PATS	ISO	√	√	√	√	√		
		RAP	ISO/PWM	√	√	√	√	√	√	
		RCC	ISO	√	√	√	√	√		
		PCM	PWM	√	√	√	√	√		
ABS		ISO	√	√	√	√	√			
GEM		ISO	√	√	√	√	√			

## Usa Ford **V38.00** Diagnostics List (Note:For reference only)

Year	Vehicle	System	Protocol	Functions						
				Sys. Info.	Read code	Clear code	Data stream	Actuation	Special functions	Others
	TAURUS 3.0L 4V	IABM	ISO	√	√	√	√	√		
		PATS	ISO	√	√	√	√	√		
		RAP	ISO/PWM	√	√	√	√	√	√	
		RCC	ISO	√	√	√	√	√		
	TAURUS 3.4L SHO	PCM	PWM	√	√	√	√	√		
		ABS	ISO	√	√	√	√	√		
		ECS	ISO	√	√	√	√	√	√	
		GEM	ISO	√	√	√	√	√		
		IABM	ISO	√	√	√	√	√		
		PATS	ISO	√	√	√	√	√		
		RAP	ISO/PWM	√	√	√	√	√	√	
		RCC	ISO	√	√	√	√	√		
		SARC	ISO	√	√	√	√	√		
		TOWN CAR 4.6L	PCM	PWM	√	√	√	√	√	
	ABS		PWM	√	√	√	√	√		
	ACM		ISO	√	√	√	√	√	√	
	CPM		ISO	√	√	√	√	√		
	DDM		ISO	√	√	√	√	√		
	DSM		ISO	√	√	√	√	√		
	EATC		ISO	√	√	√	√	√		
	ECS		ISO	√	√	√	√	√		
	HEC		ISO	√	√	√	√	√		
	LCM		ISO	√	√	√	√	√	√	



## Usa Ford **V38.00** Diagnostics List (Note:For reference only)

Year	Vehicle	System	Protocol	Functions						
				Sys. Info.	Read code	Clear code	Data stream	Actuation	Special functions	Others
		NGVM	ISO	√	√	√	√	√		
		RASM	ISO	√	√	√	√	√		
	TRACER 2.0L	PCM	PWM	√	√	√	√	√		
		ABS	ISO	√	√	√	√	√	√	
		ECS	ISO	√	√	√	√	√		
		RAP	ISO	√	√	√	√	√		
	WINDSTAR 3.0L	PCM	PWM	√	√	√	√	√		
		ABS	ISO	√	√	√	√	√		
		GEM	ISO	√	√	√	√	√		
		IABM	ISO	√	√	√	√	√		
		PATS	ISO	√	√	√	√	√		
		RAP	ISO	√	√	√	√	√		
	WINDSTAR 3.8L	PCM	PWM	√	√	√	√	√		
		ABS	ISO	√	√	√	√	√		
		GEM	ISO	√	√	√	√	√		
		IABM	ISO	√	√	√	√	√		
		PATS	ISO	√	√	√	√	√		
RAP		ISO	√	√	√	√	√			
AEROSTAR 3.0L	PCM	PWM	√	√	√	√	√			
	AEROSTAR 4.0L	PCM	PWM	√	√	√	√	√		
	ASPIRE 1.3L	PCM	PWM	√	√	√	√	√		
		ABS	ISO	√	√	√	√	√		
		PCM	PWM	√	√	√	√	√		

## Usa Ford **V38.00** Diagnostics List (Note:For reference only)

Year	Vehicle	System	Protocol	Functions						
				Sys. Info.	Read code	Clear code	Data stream	Actuation	Special functions	Others
CONTINENTAL 4.6L	ABS	PWM	√	√	√	√	√			
	CPM	ISO	√	√	√	√	√			
	DDM	ISO	√	√	√	√	√			
	DSM	ISO	√	√	√	√	√			
	EATC	ISO	√	√	√	√	√			
	FCU	ISO	√	√	√	√	√			
	IABM	ISO	√	√	√	√	√			
	LCM	ISO/PWM	√	√	√	√	√	√		
	RESC	ISO	√	√	√	√	√			
	VDM	ISO	√	√	√	√	√			
CONTOUR 2.0L	VIC	ISO	√	√	√	√	√			
	PCM	PWM	√	√	√	√	√			
	ABS	ISO	√	√	√	√	√			
CONTOUR 2.5L	PATS	PWM	√	√	√	√	√	√		
	PCM	PWM	√	√	√	√	√			
	ABS	ISO	√	√	√	√	√			
COUGAR 3.8L	PATS	PWM	√	√	√	√	√	√		
	PCM	PWM	√	√	√	√	√			
	ABS	ISO	√	√	√	√	√			
	ARC	ISO	√	√	√	√	√			
COUGAR 4.6L	EVO	ISO	√	√	√	√	√			
	PCM	PWM	√	√	√	√	√			
	ABS	ISO	√	√	√	√	√			

## Usa Ford **V38.00** Diagnostics List (Note:For reference only)

Year	Vehicle	System	Protocol	Functions						
				Sys. Info.	Read code	Clear code	Data stream	Actuation	Special functions	Others
	COURIER 4.0L	ARC	ISO	√	√	√	√	√		
		EVO	ISO	√	√	√	√	√		
	CROWN VICTORIA 4.6L	PCM	PWM	√	√	√	√	√		
		ABS	ISO	√	√	√	√	√	S2	
		AFCM	ISO	√	√	√	√	√		
		DDM	ISO	√	√	√	√	√		
		DSM	ISO	√	√	√	√	√		
		EATC	ISO	√	√	√	√	√		
		EVO	ISO	√	√	√	√	√		
		IABM	ISO	√	√	√	√	√		
		LCM	ISO	√	√	√	√	√		
		RAS	ISO	√	√	√	√	√		
	ECONOLINE 4.2L	PCM	PWM	√	√	√	√	√		
		ABS	ISO	√	√	√	√	√	√	
		ECS	ISO	√	√	√	√	√		
	ECONOLINE 4.6L	PCM	PWM	√	√	√	√	√		
		ABS	ISO	√	√	√	√	√	√	
		ECS	ISO	√	√	√	√	√		
	ECONOLINE 5.4L	PCM	PWM	√	√	√	√	√		
		ABS	ISO	√	√	√	√	√	√	
ECS		ISO	√	√	√	√	√			
ECONOLINE 5.4L NGV	PCM	PWM	√	√	√	√	√			
	ABS	ISO	√	√	√	√	√	√		

## Usa Ford **V38.00** Diagnostics List (Note:For reference only)

Year	Vehicle	System	Protocol	Functions						
				Sys. Info.	Read code	Clear code	Data stream	Actuation	Special functions	Others
	ECONOLINE 5.4L NGV	AFCM	ISO	√	√	√	√	√		
		ECS	ISO	√	√	√	√	√		
	ECONOLINE 6.8L	PCM	PWM	√	√	√	√	√		
		ABS	ISO	√	√	√	√	√	√	
	ECONOLINE 7.3L	ECS	ISO	√	√	√	√	√		
		PCM	PWM	√	√	√	√	√		
		ABS	ISO	√	√	√	√	√	√	
	ESCORT 2.0L	ECS	ISO	√	√	√	√	√		
		PCM	PWM	√	√	√	√	√		
		ABS	ISO	√	√	√	√	√	√	
	EXPEDITION 4.6L	RAP	ISO	√	√	√	√	√		
		PCM	PWM	√	√	√	√	√		
		4WAS	ISO	√	√	√	√	√		
		ABS	ISO	√	√	√	√	√	√	
		EVO	ISO	√	√	√	√	√		
		GEM	ISO	√	√	√	√	√		
		IABM	ISO	√	√	√	√	√		
		PATS	ISO	√	√	√	√	√		
		RAP	ISO	√	√	√	√	√		
		SATC	ISO	√	√	√	√	√		
PCM		PWM	√	√	√	√	√			
4WAS		ISO	√	√	√	√	√			
	ABS	ISO	√	√	√	√	√	√		

## Usa Ford **V38.00** Diagnostics List (Note:For reference only)

Year	Vehicle	System	Protocol	Functions							
				Sys. Info.	Read code	Clear code	Data stream	Actuation	Special functions	Others	
	EXPEDITION 5.4L	EVO	ISO	√	√	√	√	√			
		GEM	ISO	√	√	√	√	√			
		IABM	ISO	√	√	√	√	√			
		PATS	ISO	√	√	√	√	√			
		RAP	ISO	√	√	√	√	√			
		SATC	ISO	√	√	√	√	√			
	EXPLORER 4.0L ATX	PCM	PWM	√	√	√	√	√			
		ABS	ISO	√	√	√	√	√			
		ARC	ISO	√	√	√	√	√	√		
		EATC	ISO	√	√	√	√	√			
		GEM	ISO	√	√	√	√	√			
		IABM	ISO	√	√	√	√	√			
	EXPLORER 4.0L MTX	RAP	ISO	√	√	√	√	√			
		PCM	PWM	√	√	√	√	√			
		ABS	ISO	√	√	√	√	√			
		ARC	ISO	√	√	√	√	√	√		
		EATC	ISO	√	√	√	√	√			
		GEM	ISO	√	√	√	√	√			
			IABM	ISO	√	√	√	√	√		
			RAP	ISO	√	√	√	√	√		
			PCM	PWM	√	√	√	√	√		
		ABS	ISO	√	√	√	√	√			
		ARC	ISO	√	√	√	√	√	√		
		ARC	ISO	√	√	√	√	√	√		

## Usa Ford **V38.00** Diagnostics List (Note:For reference only)

Year	Vehicle	System	Protocol	Functions						
				Sys. Info.	Read code	Clear code	Data stream	Actuation	Special functions	Others
	EXPLORER 5.0L	EATC	ISO	√	√	√	√	√		
		GEM	ISO	√	√	√	√	√		
		IABM	ISO	√	√	√	√	√		
		RAP	ISO	√	√	√	√	√		
	F-150 4.2L ATX	PCM	PWM	√	√	√	√	√		
		ABS	ISO	√	√	√	√	√	√	
		GEM	ISO	√	√	√	√	√		
		IABM	ISO	√	√	√	√	√		
		RAP	ISO	√	√	√	√	√		
	F-150 4.2L MTX	PCM	PWM	√	√	√	√	√		
		ABS	ISO	√	√	√	√	√	√	
		GEM	ISO	√	√	√	√	√		
		IABM	ISO	√	√	√	√	√		
		RAP	ISO	√	√	√	√	√		
	F-150 4.6L ATX	PCM	PWM	√	√	√	√	√		
		ABS	ISO	√	√	√	√	√	√	
		GEM	ISO	√	√	√	√	√		
		IABM	ISO	√	√	√	√	√		
		RAP	ISO	√	√	√	√	√		
		RAS	ISO	√	√	√	√	√		
F-150 4.6L MTX	PCM	PWM	√	√	√	√	√			
	ABS	ISO	√	√	√	√	√	√		
	GEM	ISO	√	√	√	√	√			

## Usa Ford **V38.00** Diagnostics List (Note:For reference only)

Year	Vehicle	System	Protocol	Functions						
				Sys. Info.	Read code	Clear code	Data stream	Actuation	Special functions	Others
	F-150 4.0L MTX	IABM	ISO	√	√	√	√	√		
		RAP	ISO	√	√	√	√	√		
		RAS	ISO	√	√	√	√	√		
	F-150 5.4L ATX	PCM	PWM	√	√	√	√	√		
		ABS	ISO	√	√	√	√	√	√	
		GEM	ISO	√	√	√	√	√		
		IABM	ISO	√	√	√	√	√		
		RAP	ISO	√	√	√	√	√		
		RAS	ISO	√	√	√	√	√		
	F-150 5.4L MTX	PCM	PWM	√	√	√	√	√		
		ABS	ISO	√	√	√	√	√	√	
		GEM	ISO	√	√	√	√	√		
		IABM	ISO	√	√	√	√	√		
		RAP	ISO	√	√	√	√	√		
		RAS	ISO	√	√	√	√	√		
	F-250 4.6L ATX	PCM	PWM	√	√	√	√	√		
		ABS	ISO	√	√	√	√	√	√	
		GEM	ISO	√	√	√	√	√		
		IABM	ISO	√	√	√	√	√		
		RAP	ISO	√	√	√	√	√		
RAS		ISO	√	√	√	√	√			
	PCM	PWM	√	√	√	√	√			
	ABS	ISO	√	√	√	√	√	√		

## Usa Ford **V38.00** Diagnostics List (Note:For reference only)

Year	Vehicle	System	Protocol	Functions						
				Sys. Info.	Read code	Clear code	Data stream	Actuation	Special functions	Others
	F-250 4.6L MTX	GEM	ISO	√	√	√	√	√		
		IABM	ISO	√	√	√	√	√		
		RAP	ISO	√	√	√	√	√		
		RAS	ISO	√	√	√	√	√		
	F-250 5.4L	PCM	PWM	√	√	√	√	√		
		ABS	ISO	√	√	√	√	√	√	
		GEM	ISO	√	√	√	√	√		
		IABM	ISO	√	√	√	√	√		
		RAP	ISO	√	√	√	√	√		
		RAS	ISO	√	√	√	√	√		
		SATC	ISO	√	√	√	√	√		
	F-250 5.4L NGV	PCM	PWM	√	√	√	√	√		
		ABS	ISO	√	√	√	√	√	√	
		AFCM	ISO	√	√	√	√	√		
		GEM	ISO	√	√	√	√	√		
		IABM	ISO	√	√	√	√	√		
		RAP	ISO	√	√	√	√	√		
		RAS	ISO	√	√	√	√	√		
		SATC	ISO	√	√	√	√	√		
	F-250 5.8L	PCM	PWM	√	√	√	√	√		
ABS		ISO	√	√	√	√	√	√		
GEM		ISO	√	√	√	√	√			
IABM		ISO	√	√	√	√	√			



## Usa Ford **V38.00** Diagnostics List (Note:For reference only)

Year	Vehicle	System	Protocol	Functions						
				Sys. Info.	Read code	Clear code	Data stream	Actuation	Special functions	Others
		RAP	ISO	√	√	√	√	√		
		RAS	ISO	√	√	√	√	√		
		SATC	ISO	√	√	√	√	√		
	F-250 5.8L CAL	PCM	PWM	√	√	√	√	√		
		ABS	ISO	√	√	√	√	√	√	
		GEM	ISO	√	√	√	√	√		
		IABM	ISO	√	√	√	√	√		
		RAP	ISO	√	√	√	√	√		
		RAS	ISO	√	√	√	√	√		
		SATC	ISO	√	√	√	√	√		
		F-250 7.3L	PCM	PWM	√	√	√	√	√	
	F-250 7.5L	PCM	PWM	√	√	√	√	√		
		ABS	ISO	√	√	√	√	√	√	
		GEM	ISO	√	√	√	√	√		
		IABM	ISO	√	√	√	√	√		
		RAP	ISO	√	√	√	√	√		
		RAS	ISO	√	√	√	√	√		
		SATC	ISO	√	√	√	√	√		
	F-250 7.5L CAL	PCM	PWM	√	√	√	√	√		
		ABS	ISO	√	√	√	√	√	√	
		GEM	ISO	√	√	√	√	√		
IABM		ISO	√	√	√	√	√			
RAP		ISO	√	√	√	√	√			

## Usa Ford **V38.00** Diagnostics List (Note:For reference only)

Year	Vehicle	System	Protocol	Functions						
				Sys. Info.	Read code	Clear code	Data stream	Actuation	Special functions	Others
1997		RAS	ISO	√	√	√	√	√		
		SATC	ISO	√	√	√	√	√		
	F-350 4.6L ATX	PCM	PWM	√	√	√	√	√		
		ABS	ISO	√	√	√	√	√	√	
		GEM	ISO	√	√	√	√	√		
		IABM	ISO	√	√	√	√	√		
		RAP	ISO	√	√	√	√	√		
		RAS	ISO	√	√	√	√	√		
	F-350 4.6L MTX	PCM	PWM	√	√	√	√	√		
		ABS	ISO	√	√	√	√	√	√	
		GEM	ISO	√	√	√	√	√		
		IABM	ISO	√	√	√	√	√		
		RAP	ISO	√	√	√	√	√		
		RAS	ISO	√	√	√	√	√		
	F-350 5.4L	PCM	PWM	√	√	√	√	√		
		ABS	ISO	√	√	√	√	√	√	
		GEM	ISO	√	√	√	√	√		
		IABM	ISO	√	√	√	√	√		
		RAP	ISO	√	√	√	√	√		
		RAS	ISO	√	√	√	√	√		
SATC		ISO	√	√	√	√	√			
	PCM	PWM	√	√	√	√	√			
	ABS	ISO	√	√	√	√	√	√		

## Usa Ford **V38.00** Diagnostics List (Note:For reference only)

Year	Vehicle	System	Protocol	Functions						
				Sys. Info.	Read code	Clear code	Data stream	Actuation	Special functions	Others
	F-350 5.4L NGV	AFCM	ISO	√	√	√	√	√		
		GEM	ISO	√	√	√	√	√		
		IABM	ISO	√	√	√	√	√		
		RAP	ISO	√	√	√	√	√		
		RAS	ISO	√	√	√	√	√		
		SATC	ISO	√	√	√	√	√		
	F-350 5.8L	PCM	PWM	√	√	√	√	√		
		ABS	ISO	√	√	√	√	√	√	
		GEM	ISO	√	√	√	√	√		
		IABM	ISO	√	√	√	√	√		
		RAP	ISO	√	√	√	√	√		
		RAS	ISO	√	√	√	√	√		
	F-350 5.8L CAL	SATC	ISO	√	√	√	√	√		
		PCM	PWM	√	√	√	√	√		
		ABS	ISO	√	√	√	√	√	√	
		GEM	ISO	√	√	√	√	√		
		IABM	ISO	√	√	√	√	√		
		RAP	ISO	√	√	√	√	√		
	F-350 7.3L	RAS	ISO	√	√	√	√	√		
		SATC	ISO	√	√	√	√	√		
			PCM	PWM	√	√	√	√	√	
		ABS	ISO	√	√	√	√	√	√	

## Usa Ford **V38.00** Diagnostics List (Note:For reference only)

Year	Vehicle	System	Protocol	Functions						
				Sys. Info.	Read code	Clear code	Data stream	Actuation	Special functions	Others
	F-350 7.5L	GEM	ISO	√	√	√	√	√		
		IABM	ISO	√	√	√	√	√		
		RAP	ISO	√	√	√	√	√		
		RAS	ISO	√	√	√	√	√		
		SATC	ISO	√	√	√	√	√		
	F-350 7.5L CAL	PCM	PWM	√	√	√	√	√		
		ABS	ISO	√	√	√	√	√	√	
		GEM	ISO	√	√	√	√	√		
		IABM	ISO	√	√	√	√	√		
		RAP	ISO	√	√	√	√	√		
		RAS	ISO	√	√	√	√	√		
	F-600/700/800 7.0L	SATC	ISO	√	√	√	√	√		
		PCM	PWM	√	√	√	√	√		
	GRAND MARQUIS 4.6L	GOVN	ISO	√	√	√	√	√		
		PCM	PWM	√	√	√	√	√		
		ABS	ISO	√	√	√	√	√	S2	
		AFCM	ISO	√	√	√	√	√		
		DDM	ISO	√	√	√	√	√		
DSM		ISO	√	√	√	√	√			
EATC		ISO	√	√	√	√	√			
EVO		ISO	√	√	√	√	√			
IABM		ISO	√	√	√	√	√			
LCM	ISO	√	√	√	√	√				

## Usa Ford **V38.00** Diagnostics List (Note:For reference only)

Year	Vehicle	System	Protocol	Functions						
				Sys. Info.	Read code	Clear code	Data stream	Actuation	Special functions	Others
		RAS	ISO	√	√	√	√	√		
	MARK VIII 4.6L	PCM	PWM	√	√	√	√	√		
		ABS	PWM	√	√	√	√	√		
		CPM	ISO	√	√	√	√	√		
		DDM	ISO	√	√	√	√	√		
		DSM	ISO	√	√	√	√	√		
		HEC	ISO	√	√	√	√	√		
		MCM	ISO	√	√	√	√	√		
		PSM	ISO	√	√	√	√	√		
		SCIL	ISO	√	√	√	√	√		
		VLCM	ISO	√	√	√	√	√		
	MOUNTAINEER 5.0L	PCM	PWM	√	√	√	√	√		
		ABS	ISO	√	√	√	√	√		
		ARC	ISO	√	√	√	√	√	√	
		EATC	ISO	√	√	√	√	√		
		GEM	ISO	√	√	√	√	√		
		IABM	ISO	√	√	√	√	√		
		RAP	ISO	√	√	√	√	√		
	MUSTANG 3.8L	PCM	PWM	√	√	√	√	√		
		ABS	ISO	√	√	√	√	√		
		IABM	ISO	√	√	√	√	√		
		PATS	ISO	√	√	√	√	√		
		PCM	PWM	√	√	√	√	√		

## Usa Ford **V38.00** Diagnostics List (Note:For reference only)

Year	Vehicle	System	Protocol	Functions						
				Sys. Info.	Read code	Clear code	Data stream	Actuation	Special functions	Others
	MUSTANG 4.6L	ABS	ISO	√	√	√	√	√		
		IABM	ISO	√	√	√	√	√		
		PATS	ISO	√	√	√	√	√		
	MYSTIQUE 2.0L	PCM	PWM	√	√	√	√	√		
		ABS	ISO	√	√	√	√	√		
		PATS	PWM	√	√	√	√	√	√	
	MYSTIQUE 2.5L	PCM	PWM	√	√	√	√	√		
		ABS	ISO	√	√	√	√	√		
		PATS	PWM	√	√	√	√	√	√	
	PROBE 2.0L	PCM	PWM	√	√	√	√	√		
		ABS	ISO	√	√	√	√	√		
	PROBE 2.5L	PCM	PWM	√	√	√	√	√		
		ABS	ISO	√	√	√	√	√		
	RANGER 2.3L	PCM	PWM	√	√	√	√	√		
		ABS	ISO	√	√	√	√	√		
		GEM	ISO	√	√	√	√	√		
		IABM	ISO	√	√	√	√	√		
		RAP	ISO	√	√	√	√	√		
	RANGER 3.0L	PCM	PWM	√	√	√	√	√		
		ABS	ISO	√	√	√	√	√		
GEM		ISO	√	√	√	√	√			
IABM		ISO	√	√	√	√	√			
RAP		ISO	√	√	√	√	√			

## Usa Ford **V38.00** Diagnostics List (Note:For reference only)

Year	Vehicle	System	Protocol	Functions						
				Sys. Info.	Read code	Clear code	Data stream	Actuation	Special functions	Others
	RANGER 4.0L	PCM	PWM	√	√	√	√	√		
		ABS	ISO	√	√	√	√	√		
		GEM	ISO	√	√	√	√	√		
		IABM	ISO	√	√	√	√	√		
		RAP	ISO	√	√	√	√	√		
	SABLE 3.0L	PCM	PWM	√	√	√	√	√		
		ABS	ISO	√	√	√	√	√		
		GEM	ISO	√	√	√	√	√		
		IABM	ISO	√	√	√	√	√		
		RAP	ISO	√	√	√	√	√		
	SABLE 3.0L 4V	RCC	ISO	√	√	√	√	√		
		PCM	PWM	√	√	√	√	√		
		ABS	ISO	√	√	√	√	√		
		GEM	ISO	√	√	√	√	√		
		IABM	ISO	√	√	√	√	√		
PATS		PWM	√	√	√	√	√	√		
RAP		ISO	√	√	√	√	√			
SABLE 3.4L	RCC	ISO	√	√	√	√	√			
	PCM	PWM	√	√	√	√	√			
	ABS	ISO	√	√	√	√	√			
	GEM	ISO	√	√	√	√	√			
	IABM	ISO	√	√	√	√	√			
		PATS	PWM	√	√	√	√	√	√	

## Usa Ford **V38.00** Diagnostics List (Note:For reference only)

Year	Vehicle	System	Protocol	Functions						
				Sys. Info.	Read code	Clear code	Data stream	Actuation	Special functions	Others
		RAP	ISO	√	√	√	√	√		
		RCC	ISO	√	√	√	√	√		
		SARC	ISO	√	√	√	√	√		
	TAURUS 3.0L	PCM	PWM	√	√	√	√	√		
		ABS	ISO	√	√	√	√	√		
		GEM	ISO	√	√	√	√	√		
		IABM	ISO	√	√	√	√	√		
		RAP	ISO	√	√	√	√	√		
		RCC	ISO	√	√	√	√	√		
	TAURUS 3.0L 4V	PCM	PWM	√	√	√	√	√		
		ABS	ISO	√	√	√	√	√		
		GEM	ISO	√	√	√	√	√		
		IABM	ISO	√	√	√	√	√		
		PATS	PWM	√	√	√	√	√	√	
		RAP	ISO	√	√	√	√	√		
		RCC	ISO	√	√	√	√	√		
	TAURUS 3.4L SHO	PCM	PWM	√	√	√	√	√		
		ABS	ISO	√	√	√	√	√		
		GEM	ISO	√	√	√	√	√		
		IABM	ISO	√	√	√	√	√		
PATS		PWM	√	√	√	√	√	√		
RAP		ISO	√	√	√	√	√			
RCC		ISO	√	√	√	√	√			



## Usa Ford **V38.00** Diagnostics List (Note:For reference only)

Year	Vehicle	System	Protocol	Functions						
				Sys. Info.	Read code	Clear code	Data stream	Actuation	Special functions	Others
		SARC	ISO	√	√	√	√	√		
	THUNDERBIRD 3.8L	PCM	PWM	√	√	√	√	√		
		ABS	ISO	√	√	√	√	√		
		ARC	ISO	√	√	√	√	√		
		EVO	ISO	√	√	√	√	√		
		PCM	PWM	√	√	√	√	√		
	THUNDERBIRD 4.6L	ABS	ISO	√	√	√	√	√		
		ARC	ISO	√	√	√	√	√		
		EVO	ISO	√	√	√	√	√		
		PCM	PWM	√	√	√	√	√		
	TOWN CAR 4.6L	ABS	PWM	√	√	√	√	√		
		DDM	ISO	√	√	√	√	√		
		DSM	ISO	√	√	√	√	√		
		EATC	ISO	√	√	√	√	√		
		EVO	ISO	√	√	√	√	√		
		IABM	ISO	√	√	√	√	√		
		LCM	ISO	√	√	√	√	√		
		RAS	ISO	√	√	√	√	√		
		PCM	PWM	√	√	√	√	√		
		ABS	ISO	√	√	√	√	√	√	
	TRACER 2.0L	RAP	ISO	√	√	√	√	√		
		PCM	PWM	√	√	√	√	√		
		ABS	ISO	√	√	√	√	√		

## Usa Ford **V38.00** Diagnostics List (Note:For reference only)

Year	Vehicle	System	Protocol	Functions							
				Sys. Info.	Read code	Clear code	Data stream	Actuation	Special functions	Others	
	WINDSTAR 3.0L	GEM	ISO	√	√	√	√	√			
		IABM	ISO	√	√	√	√	√			
		RAP	ISO	√	√	√	√	√			
	WINDSTAR 3.8L	PCM	PWM	√	√	√	√	√			
		ABS	ISO	√	√	√	√	√			
		GEM	ISO	√	√	√	√	√			
		IABM	ISO	√	√	√	√	√			
		RAP	ISO	√	√	√	√	√			
	AEROSTAR 3.0L	PCM	PWM	√	√	√	√	√			
	AEROSTAR 4.0L	PCM	PWM	√	√	√	√	√			
	ASPIRE 1.3L	PCM	PWM	√	√	√	√	√			
		ABS	ISO	√	√	√	√	√			
	ASPIRE 1.5L	PCM	PWM	√	√	√	√	√			
		ABS	ISO	√	√	√	√	√			
	BRONCO 4.9L	PCM	PWM	√	√	√	√	√			
		ABS	ISO	√	√	√	√	√			
	BRONCO 5.0L	PCM	PWM	√	√	√	√	√			
		ABS	ISO	√	√	√	√	√			
	BRONCO 5.8L	PCM	PWM	√	√	√	√	√			
		ABS	ISO	√	√	√	√	√			
			PCM	PWM	√	√	√	√	√		
			ABS	ISO	√	√	√	√	√		
			CPM	ISO	√	√	√	√	√		

## Usa Ford **V38.00** Diagnostics List (Note:For reference only)

Year	Vehicle	System	Protocol	Functions						
				Sys. Info.	Read code	Clear code	Data stream	Actuation	Special functions	Others
	CONTINENTAL 4.6L	DDM	ISO	√	√	√	√	√		
		DSM	ISO	√	√	√	√	√		
		EATC	ISO	√	√	√	√	√		
		FCU	ISO	√	√	√	√	√		
		IABM	ISO	√	√	√	√	√		
		LCM	ISO/PWM	√	√	√	√	√	√	
		RESC	ISO	√	√	√	√	√		
		VDM	ISO	√	√	√	√	√		
		VIC	ISO	√	√	√	√	√		
	CONTOUR 2.0L	PCM	PWM	√	√	√	√	√		
		ABS	ISO	√	√	√	√	√		
	CONTOUR 2.5L	PCM	PWM	√	√	√	√	√		
		ABS	ISO	√	√	√	√	√		
	COUGAR 3.8L	PCM	PWM	√	√	√	√	√		
		ABS	ISO	√	√	√	√	√		
		ARC	ISO	√	√	√	√	√		
		EVO	ISO	√	√	√	√	√		
	COUGAR 4.6L	PCM	PWM	√	√	√	√	√		
		ABS	ISO	√	√	√	√	√		
		ARC	ISO	√	√	√	√	√		
		EVO	ISO	√	√	√	√	√		
	PCM	PWM	√	√	√	√	√			
	ABS	ISO	√	√	√	√	√	S2		

## Usa Ford **V38.00** Diagnostics List (Note:For reference only)

Year	Vehicle	System	Protocol	Functions						
				Sys. Info.	Read code	Clear code	Data stream	Actuation	Special functions	Others
	CROWN VICTORIA 4.6L	AFCM	ISO	√	√	√	√	√		
		DDM	ISO	√	√	√	√	√		
		DSM	ISO	√	√	√	√	√		
		EATC	ISO	√	√	√	√	√		
		EVO	ISO	√	√	√	√	√		
		IABM	ISO	√	√	√	√	√		
		LCM	ISO	√	√	√	√	√		
	ECONOLINE 4.9L	RAS	ISO	√	√	√	√	√		
		PCM	PWM	√	√	√	√	√		
	ECONOLINE 5.0L	4WAL	ISO	√	√	√	√	√		
		PCM	PWM	√	√	√	√	√		
	ECONOLINE 5.8L-	4WAL	ISO	√	√	√	√	√		
		PCM	PWM	√	√	√	√	√		
	ECONOLINE 5.8L+	4WAL	ISO	√	√	√	√	√		
		PCM	PWM	√	√	√	√	√		
	ECONOLINE 5.8L+ CAL	4WAL	ISO	√	√	√	√	√		
		PCM	PWM	√	√	√	√	√		
	ECONOLINE 7.3L	4WAL	ISO	√	√	√	√	√		
		PCM	PWM	√	√	√	√	√		
	ECONOLINE 7.5L CAL	4WAL	ISO	√	√	√	√	√		
		PCM	PWM	√	√	√	√	√		
ECONOLINE 7.5L F40D	PCM	PWM	√	√	√	√	√			

## Usa Ford **V38.00** Diagnostics List (Note:For reference only)

Year	Vehicle	System	Protocol	Functions						
				Sys. Info.	Read code	Clear code	Data stream	Actuation	Special functions	Others
	CONTOUR 2.0L	4WAL	ISO	√	√	√	√	√		
	ESCORT 1.8L	PCM	PWM	√	√	√	√	√		
		ABS	ISO	√	√	√	√	√		
	ESCORT 1.9L	PCM	PWM	√	√	√	√	√		
		ABS	ISO	√	√	√	√	√		
	EXPLORER 4.0L ATX	PCM	PWM	√	√	√	√	√		
		ABS	ISO	√	√	√	√	√		
		ARC	ISO	√	√	√	√	√	√	
		EATC	ISO	√	√	√	√	√		
		GEM	ISO	√	√	√	√	√		
		IABM	ISO	√	√	√	√	√		
	EXPLORER 4.0L MTX	RAP	ISO	√	√	√	√	√		
		PCM	PWM	√	√	√	√	√		
		ABS	ISO	√	√	√	√	√		
		ARC	ISO	√	√	√	√	√	√	
		EATC	ISO	√	√	√	√	√		
		GEM	ISO	√	√	√	√	√		
	EXPLORER 5.0L	IABM	ISO	√	√	√	√	√		
		RAP	ISO	√	√	√	√	√		
		PCM	PWM	√	√	√	√	√		
		ABS	ISO	√	√	√	√	√		
	EXPLORER 5.0L	ARC	ISO	√	√	√	√	√	√	
		EATC	ISO	√	√	√	√	√		

## Usa Ford **V38.00** Diagnostics List (Note:For reference only)

Year	Vehicle	System	Protocol	Functions						
				Sys. Info.	Read code	Clear code	Data stream	Actuation	Special functions	Others
1996		GEM	ISO	√	√	√	√	√		
		IABM	ISO	√	√	√	√	√		
		RAP	ISO	√	√	√	√	√		
	F SERIES 4.9L	PCM	PWM	√	√	√	√	√		
	F SERIES 5.0L	PCM	PWM	√	√	√	√	√		
	F SERIES 5.8L-	PCM	PWM	√	√	√	√	√		
	F SERIES 5.8L+	PCM	PWM	√	√	√	√	√		
	F SERIES 5.8L+ CAL	PCM	PWM	√	√	√	√	√		
	F SERIES 5.8L+ E40D	PCM	PWM	√	√	√	√	√		
	F SERIES 7.0L	PCM	PWM	√	√	√	√	√		
	F SERIES 7.3L	PCM	PWM	√	√	√	√	√		
	F SERIES 7.5L	PCM	PWM	√	√	√	√	√		
	F SERIES 7.5L CAL	PCM	PWM	√	√	√	√	√		
	F SERIES 7.5L E40D	PCM	PWM	√	√	√	√	√		
	GRAND MARQUIS 4.6L	PCM	PWM	√	√	√	√	√		
		ABS	ISO	√	√	√	√	√	S2	
		AFCM	ISO	√	√	√	√	√		
		DDM	ISO	√	√	√	√	√		
		DSM	ISO	√	√	√	√	√		
EATC		ISO	√	√	√	√	√			
EVO		ISO	√	√	√	√	√			
IABM	ISO	√	√	√	√	√				

## Usa Ford **V38.00** Diagnostics List (Note:For reference only)

Year	Vehicle	System	Protocol	Functions						
				Sys. Info.	Read code	Clear code	Data stream	Actuation	Special functions	Others
		LCM	ISO	√	√	√	√	√		
		RAS	ISO	√	√	√	√	√		
	L SERIES 7.0L	PCM	PWM	√	√	√	√	√		
		GOVN	ISO	√	√	√	√	√		
	MARK VIII 4.6L	PCM	PWM	√	√	√	√	√		
		ABS	ISO	√	√	√	√	√		
		SRS	ISO	√	√	√	√	√		
		SSM	ISO	√	√	√	√	√		
	MUSTANG 3.8L	PCM	PWM	√	√	√	√	√		
		ABS	ISO	√	√	√	√	√		
		IABM	ISO	√	√	√	√	√		
	MUSTANG 4.6L	PCM	PWM	√	√	√	√	√		
		ABS	ISO	√	√	√	√	√		
		IABM	ISO	√	√	√	√	√		
		PATS	PWM	√	√	√	√	√	√	
	MYSTIQUE 2.0L	PCM	PWM	√	√	√	√	√		
		ABS	ISO	√	√	√	√	√		
	MYSTIQUE 2.5L	PCM	PWM	√	√	√	√	√		
		ABS	ISO	√	√	√	√	√		
	PROBE 2.0L	PCM	PWM	√	√	√	√	√		
ABS		ISO	√	√	√	√	√			
PROBE 2.5L	PCM	PWM	√	√	√	√	√			
	ABS	ISO	√	√	√	√	√			

## Usa Ford **V38.00** Diagnostics List (Note:For reference only)

Year	Vehicle	System	Protocol	Functions						
				Sys. Info.	Read code	Clear code	Data stream	Actuation	Special functions	Others
	RANGER 2.3L	PCM	PWM	√	√	√	√	√		
		ABS	ISO	√	√	√	√	√		
		GEM	ISO	√	√	√	√	√		
		IABM	ISO	√	√	√	√	√		
		RAP	ISO	√	√	√	√	√		
	RANGER 3.0L	PCM	PWM	√	√	√	√	√		
		ABS	ISO	√	√	√	√	√		
		GEM	ISO	√	√	√	√	√		
		IABM	ISO	√	√	√	√	√		
		RAP	ISO	√	√	√	√	√		
	RANGER 4.0L	PCM	PWM	√	√	√	√	√		
		ABS	ISO	√	√	√	√	√		
		GEM	ISO	√	√	√	√	√		
		IABM	ISO	√	√	√	√	√		
		RAP	ISO	√	√	√	√	√		
	SABLE 3.0L	PCM	PWM	√	√	√	√	√		
		ABS	ISO	√	√	√	√	√		
		GEM	ISO	√	√	√	√	√		
		IABM	ISO	√	√	√	√	√		
		RAP	ISO	√	√	√	√	√		
RCC		ISO	√	√	√	√	√			
		PCM	PWM	√	√	√	√	√		
		ABS	ISO	√	√	√	√	√		



## Usa Ford **V38.00** Diagnostics List (Note:For reference only)

Year	Vehicle	System	Protocol	Functions						
				Sys. Info.	Read code	Clear code	Data stream	Actuation	Special functions	Others
	SABLE 3.0L 4V	GEM	ISO	√	√	√	√	√		
		IABM	ISO	√	√	√	√	√		
		PATS	PWM	√	√	√	√	√	√	
		RAP	ISO	√	√	√	√	√		
		RCC	ISO	√	√	√	√	√		
	TAURUS 3.0L	PCM	PWM	√	√	√	√	√		
		ABS	ISO	√	√	√	√	√		
		GEM	ISO	√	√	√	√	√		
		IABM	ISO	√	√	√	√	√		
		RAP	ISO	√	√	√	√	√		
	TAURUS 3.0L 4V	RCC	ISO	√	√	√	√	√		
		PCM	PWM	√	√	√	√	√		
		ABS	ISO	√	√	√	√	√		
		GEM	ISO	√	√	√	√	√		
		IABM	ISO	√	√	√	√	√		
		PATS	PWM	√	√	√	√	√	√	
		RAP	ISO	√	√	√	√	√		
	TAURUS 3.4L SHO	RCC	ISO	√	√	√	√	√		
		PCM	PWM	√	√	√	√	√		
		ABS	ISO	√	√	√	√	√		
GEM		ISO	√	√	√	√	√			
IABM		ISO	√	√	√	√	√			
		PATS	PWM	√	√	√	√	√	√	

## Usa Ford **V38.00** Diagnostics List (Note:For reference only)

Year	Vehicle	System	Protocol	Functions						
				Sys. Info.	Read code	Clear code	Data stream	Actuation	Special functions	Others
		RAP	ISO	√	√	√	√	√		
		RCC	ISO	√	√	√	√	√		
		SARC	ISO	√	√	√	√	√		
	THUNDERBIRD 3.8L	PCM	PWM	√	√	√	√	√		
		ABS	ISO	√	√	√	√	√		
		ARC	ISO	√	√	√	√	√		
		EVO	ISO	√	√	√	√	√		
	THUNDERBIRD 4.6L	PCM	PWM	√	√	√	√	√		
		ABS	ISO	√	√	√	√	√		
		ARC	ISO	√	√	√	√	√		
		EVO	ISO	√	√	√	√	√		
	TOWN CAR 4.6L	PCM	PWM	√	√	√	√	√		
		ABS	PWM	√	√	√	√	√		
		DDM	ISO	√	√	√	√	√		
		DSM	ISO	√	√	√	√	√		
		EATC	ISO	√	√	√	√	√		
		EVO	ISO	√	√	√	√	√		
		IABM	ISO	√	√	√	√	√		
		LCM	ISO	√	√	√	√	√		
		RAS	ISO	√	√	√	√	√		
	TRACER 1.8L	PCM	PWM	√	√	√	√	√		
ABS		ISO	√	√	√	√	√			
TRACER 1.9L	PCM	PWM	√	√	√	√	√			

## Usa Ford **V38.00** Diagnostics List (Note:For reference only)

Year	Vehicle	System	Protocol	Functions							
				Sys. Info.	Read code	Clear code	Data stream	Actuation	Special functions	Others	
	TRACER 1.5L	ABS	ISO	√	√	√	√	√			
	WINDSTAR 3.0L	PCM	PWM	√	√	√	√	√			
		ABS	ISO	√	√	√	√	√			
		GEM	ISO	√	√	√	√	√			
		IABM	ISO	√	√	√	√	√			
	WINDSTAR 3.8L	PCM	PWM	√	√	√	√	√			
		ABS	ISO	√	√	√	√	√			
		GEM	ISO	√	√	√	√	√			
		IABM	ISO	√	√	√	√	√			
		AEROSTAR 3.0L	PCM	FLASH		√	√				
		AEROSTAR 4.0L	PCM	FLASH	√	√	√	√			
		ASPIRE 1.3L	PCM	FLASH	√	√	√	√			
ABS			FLASH	√	√	√	√	√			
BRONCO 4.9L		PCM	FLASH		√	√					
		ABS	FLASH		√	√					
BRONCO 4.9L E40D		PCM	FLASH	√	√	√	√				
		ABS	FLASH	√	√	√	√	√			
BRONCO 5.0L		PCM	FLASH	√	√	√	√				
		ABS	FLASH	√	√	√	√	√			
BRONCO 5.0L E40D		PCM	FLASH	√	√	√	√				
		ABS	FLASH	√	√	√	√	√			
BRONCO 5.8L		PCM	FLASH	√	√	√	√				
		ABS	FLASH	√	√	√	√	√			

## Usa Ford **V38.00** Diagnostics List (Note:For reference only)

Year	Vehicle	System	Protocol	Functions						
				Sys. Info.	Read code	Clear code	Data stream	Actuation	Special functions	Others
	BRONCO 5.8L CAL	PCM	FLASH	√	√	√	√			
		ABS	FLASH	√	√	√	√	√		
	CAPRI 1.6L	PCM	FLASH	√	√	√	√			
		ABS	ISO	√	√	√	√	√		
	CONTINENTAL 4.6L	PCM	FLASH	√	√	√	√			
		EATC	ISO	√	√	√	√	√		
		ARC	ISO	√	√	√	√			
		CPM	ISO	√	√	√	√			
		DDM	ISO	√	√	√	√			
		DSM	ISO	√	√	√	√			
		FCU	ISO	√	√	√	√			
		VDM	ISO	√	√	√	√			
		VIC	ISO	√	√	√	√			
		LCM	ISO/PWM	√	√	√	√	√		
	CONTOUR 2.0L ATX	PCM	FLASH	√	√	√	√			
		ABS	FLASH	√	√	√	√	√		
	CONTOUR 2.0L MTX	PCM	FLASH	√	√	√	√			
		ABS	FLASH	√	√	√	√	√		
	CONTOUR 2.5L ATX	PCM	FLASH	√	√	√	√			
		ABS	FLASH	√	√	√	√	√		
CONTOUR 2.5L MTX	PCM	FLASH	√	√	√	√				
	ABS	FLASH	√	√	√	√	√			
CONTOUR 3.8L	PCM	FLASH	√	√	√	√				

## Usa Ford **V38.00** Diagnostics List (Note:For reference only)

Year	Vehicle	System	Protocol	Functions						
				Sys. Info.	Read code	Clear code	Data stream	Actuation	Special functions	Others
	COUGAR 3.0L	ABS	FLASH	√	√	√	√	√		
	COUGAR 4.6L 2V	PCM	FLASH	√	√	√	√			
		ABS	FLASH	√	√	√	√	√		
	CROWN VICTORIA 4.6L	ARC	ISO	√	√	√	√			
	CROWN VICTORIA 4.6L	PCM	FLASH	√	√	√	√			
		ABS	ISO	√	√	√	√	√	S2	
		EATC	ISO	√	√	√	√	√		
	ECONOLINE 4.9L	PCM	FLASH	√	√	√	√			
		4WAL	ISO	√	√	√	√			
	ECONOLINE 4.9L MAF E40D	PCM	FLASH	√	√	√	√			
		4WAL	ISO	√	√	√	√			
	ECONOLINE 4.9L MAP E40D	PCM	FLASH	√	√	√	√			
		4WAL	ISO	√	√	√	√			
	ECONOLINE 5.0L	PCM	FLASH	√	√	√	√			
		4WAL	ISO	√	√	√	√			
	ECONOLINE 5.8L 9	PCM	FLASH	√	√	√	√			
		4WAL	ISO	√	√	√	√			
	ECONOLINE 5.8L E40D	PCM	FLASH	√	√	√	√			
		4WAL	ISO	√	√	√	√			
	ECONOLINE 7.3L	PCM	FLASH	√	√	√	√			
		ABS	ISO	√	√	√	√	√		
	ECONOLINE 7.5L	PCM	FLASH	√	√	√	√			
		4WAL	ISO	√	√	√	√			

## Usa Ford **V38.00** Diagnostics List (Note:For reference only)

Year	Vehicle	System	Protocol	Functions						
				Sys. Info.	Read code	Clear code	Data stream	Actuation	Special functions	Others
	ECONOLINE 7.5L E40D	PCM	FLASH		√	√				
		4WAL	ISO	√	√	√	√			
	ESCORT 1.8L	PCM	FLASH	√	√	√	√			
		ABS	FLASH	√	√	√	√	√		
	ESCORT 1.9L ATX	PCM	FLASH	√	√	√	√			
		ABS	ISO	√	√	√	√	√		
	ESCORT 1.9L MTX	PCM	FLASH	√	√	√	√			
		ABS	ISO	√	√	√	√	√		
	EXPLORER 4.0L ATX	PCM	FLASH	√	√	√	√			
		ABS	ISO	√	√	√	√	√		
		GEM	ISO	√	√	√	√			
		ARC	ISO	√	√	√	√	√	√	
		RAP	ISO	√	√	√	√			
	EXPLORER 4.0L MTX	PCM	FLASH	√	√	√	√			
		ABS	ISO	√	√	√	√	√		
		GEM	ISO	√	√	√	√			
		ARC	ISO	√	√	√	√	√	√	
		RAP	ISO	√	√	√	√			
	F SERIES 4.9L	PCM	FLASH	√	√	√	√			
		ABS	ISO	√	√	√	√	√		
F SERIES 4.9L MAF E40D	PCM	FLASH	√	√	√	√				
	ABS	ISO	√	√	√	√	√			
F SERIES 4.9L MAF E40D	PCM	FLASH	√	√	√	√				

## Usa Ford **V38.00** Diagnostics List (Note:For reference only)

Year	Vehicle	System	Protocol	Functions						
				Sys. Info.	Read code	Clear code	Data stream	Actuation	Special functions	Others
1995	F SERIES 4.9E MAX E40D	ABS	ISO	√	√	√	√	√		
	F SERIES 5.0L 4R70W	PCM	FLASH	√	√	√	√			
		ABS	ISO	√	√	√	√	√		
	F SERIES 5.0L	PCM	FLASH	√	√	√	√			
		ABS	ISO	√	√	√	√	√		
	F SERIES 5.0L E40D	PCM	FLASH	√	√	√	√			
		ABS	ISO	√	√	√	√	√		
	F SERIES 5.8L	PCM	FLASH	√	√	√	√			
		ABS	ISO	√	√	√	√	√		
	F SERIES 5.8L CAL	PCM	FLASH	√	√	√	√			
		ABS	ISO	√	√	√	√	√		
	F SERIES 5.8L E40D	PCM	FLASH	√	√	√	√			
		ABS	ISO	√	√	√	√	√		
	F SERIES 5.8L H0	PCM	FLASH	√	√	√	√			
		ABS	ISO	√	√	√	√	√		
	F SERIES 5.8LCAL E40D	PCM	FLASH	√	√	√	√			
		ABS	ISO	√	√	√	√	√		
	F SERIES 7.0L	PCM	FLASH		√	√				
		ABS	ISO	√	√	√	√	√		
	F SERIES 7.3L	PCM	FLASH	√	√	√	√			
ABS		ISO	√	√	√	√	√			
F SERIES 7.5L	PCM	FLASH		√	√					
	ABS	ISO	√	√	√	√	√			

## Usa Ford **V38.00** Diagnostics List (Note:For reference only)

Year	Vehicle	System	Protocol	Functions						
				Sys. Info.	Read code	Clear code	Data stream	Actuation	Special functions	Others
	F SERIES 7.5L E40D	PCM	FLASH		√	√				
		ABS	ISO	√	√	√	√	√		
	FESTIVA 1.3L	PCM	FLASH	√	√	√	√			
		ECS	ISO		√	√	√			
	GRAND MARQUIS 4.6L	PCM	FLASH	√	√	√	√			
		ABS	ISO	√	√	√	√	√	S2	
		EATC	ISO	√	√	√	√	√		
		ARC	ISO	√	√	√	√	√		
	L SERIES 7.0L	PCM	FLASH		√	√				
		ABS	ISO	√	√	√	√	√		
	MARK VIII 4.6L	PCM	FLASH	√	√	√	√			
		ABS	FLASH	√	√	√	√	√		
	MUSTANG 3.8L	PCM	FLASH	√	√	√	√			
	MUSTANG 5.0L MTX	PCM	FLASH	√	√	√	√			
		ABS	FLASH	√	√	√	√	√		
	MYSTIQUE 2.0L ATX	PCM	FLASH	√	√	√	√			
		ABS	FLASH	√	√	√	√	√		
	MYSTIQUE 2.0L MTX	PCM	FLASH	√	√	√	√			
		ABS	FLASH	√	√	√	√	√		
	MYSTIQUE 2.5L ATX	PCM	FLASH	√	√	√	√			
		ABS	FLASH	√	√	√	√	√		
	MYSTIQUE 2.5L MTX	PCM	FLASH	√	√	√	√			
		ABS	FLASH	√	√	√	√	√		



## Usa Ford **V38.00** Diagnostics List (Note:For reference only)

Year	Vehicle	System	Protocol	Functions						
				Sys. Info.	Read code	Clear code	Data stream	Actuation	Special functions	Others
	PROBE 2.0L ATX	PCM	FLASH	√	√	√	√			
		ABS	FLASH	√	√	√	√	√		
	PROBE 2.0L MTX	PCM	FLASH	√	√	√	√			
		ABS	FLASH	√	√	√	√	√		
	PROBE 2.5L	PCM	FLASH	√	√	√	√			
		ABS	FLASH	√	√	√	√	√		
	RANGER 2.3L ATX	PCM	FLASH	√	√	√	√			
		ABS	ISO	√	√	√	√	√		
		GEM	ISO	√	√	√	√			
		RAP	ISO	√	√	√	√			
	RANGER 2.3L MTX	PCM	FLASH	√	√	√	√			
		ABS	ISO	√	√	√	√	√		
		GEM	ISO	√	√	√	√			
		RAP	ISO	√	√	√	√			
	RANGER 3.0L ATX	PCM	FLASH	√	√	√	√			
		ABS	ISO	√	√	√	√	√		
		GEM	ISO	√	√	√	√			
		RAP	ISO	√	√	√	√			
	RANGER 3.0L MTX	PCM	FLASH	√	√	√	√			
		ABS	ISO	√	√	√	√	√		
GEM		ISO	√	√	√	√				
RAP		ISO	√	√	√	√				
RANGER 4.0L	PCM	FLASH	√	√	√	√				

## Usa Ford **V38.00** Diagnostics List (Note:For reference only)

Year	Vehicle	System	Protocol	Functions						
				Sys. Info.	Read code	Clear code	Data stream	Actuation	Special functions	Others
	RANGER 4.0L	ABS	ISO	√	√	√	√	√		
	RANGER 4.0L ATX	PCM	FLASH	√	√	√	√			
		ABS	ISO	√	√	√	√	√		
		GEM	ISO	√	√	√	√			
		RAP	ISO	√	√	√	√			
	RANGER 4.0L MTX	PCM	FLASH	√	√	√	√			
		ABS	FLASH	√	√	√	√	√		
		GEM	ISO	√	√	√	√			
		RAP	ISO	√	√	√	√			
	SABLE 3.0L 49S	PCM	FLASH	√	√	√	√			
		ABS	FLASH	√	√	√	√	√		
	SABLE 3.0L	PCM	FLASH	√	√	√	√			
		ABS	FLASH	√	√	√	√	√		
	SABLE 3.0L CAL	PCM	FLASH	√	√	√	√			
	SABLE 3.8L 49S	PCM	FLASH	√	√	√	√			
		ABS	FLASH	√	√	√	√	√		
	SABLE 3.8L CAL	PCM	FLASH	√	√	√	√			
		ABS	FLASH	√	√	√	√	√		
	TAURUS 3.0L	PCM	FLASH	√	√	√	√			
		ABS	FLASH	√	√	√	√	√		
	TAURUS 3.0L CAL	PCM	FLASH	√	√	√	√			
		ABS	FLASH	√	√	√	√	√		
	TAURUS 3.0L FFV	PCM	FLASH	√	√	√	√			

## Usa Ford **V38.00** Diagnostics List (Note:For reference only)

Year	Vehicle	System	Protocol	Functions						
				Sys. Info.	Read code	Clear code	Data stream	Actuation	Special functions	Others
	TAURUS 3.0L TV	ABS	FLASH	√	√	√	√	√		
	TAURUS 3.0L SHO	PCM	FLASH	√	√	√	√			
		ABS	FLASH	√	√	√	√	√		
	TAURUS 3.2L SHO	PCM	FLASH	√	√	√	√			
		ABS	FLASH	√	√	√	√	√		
	TAURUS 3.8L	PCM	FLASH	√	√	√	√			
		ABS	FLASH	√	√	√	√	√		
	TAURUS 3.8L CAL	PCM	FLASH	√	√	√	√			
		ABS	FLASH	√	√	√	√	√		
	THUNDERBIRD 3.8L	PCM	FLASH	√	√	√	√			
		ABS	FLASH	√	√	√	√	√		
	THUNDERBIRD 3.8L SC-AT	PCM	FLASH	√	√	√	√			
		ABS	FLASH	√	√	√	√	√		
	THUNDERBIRD 3.8L SC-MT	PCM	FLASH	√	√	√	√			
		ABS	FLASH	√	√	√	√	√		
	THUNDERBIRD 4.6L 2V	PCM	FLASH	√	√	√	√			
		ABS	FLASH	√	√	√	√	√		
	TOWN CAR 4.6L	LCM	ISO	√	√	√	√			
	TOWN CAR 4.6L	PCM	FLASH	√	√	√	√			
		ABS	PWM	√	√	√	√	√		
		EATC	ISO	√	√	√	√	√		
	TRACER 1.8L	PCM	FLASH	√	√	√	√			
		ABS	ISO	√	√	√	√	√		

## Usa Ford **V38.00** Diagnostics List (Note:For reference only)

Year	Vehicle	System	Protocol	Functions							
				Sys. Info.	Read code	Clear code	Data stream	Actuation	Special functions	Others	
	TRACER 1.9L ATX	PCM	FLASH	√	√	√	√				
		ABS	ISO	√	√	√	√	√			
	TRACER 1.9L MTX	PCM	FLASH	√	√	√	√				
		ABS	ISO	√	√	√	√	√			
	WINDSTAR 3.0L	PCM	FLASH	√	√	√	√				
		4WAL	ISO	√	√	√	√				
		GEM	ISO	√	√	√	√				
	WINDSTAR 3.8L	PCM	FLASH	√	√	√	√				
		4WAL	ISO	√	√	√	√				
		GEM	ISO	√	√	√	√				
		AEROSTAR 3.0L	PCM	FLASH		√	√				
		AEROSTAR 4.0L	PCM	FLASH	√	√	√	√			
ASPIRE 1.3L		PCM	FLASH	√	√	√	√				
		ABS	FLASH	√	√	√	√	√			
BRONCO 4.9L		PCM	FLASH		√	√					
		ABS	FLASH		√	√					
BRONCO 4.9L E40D		PCM	FLASH	√	√	√	√				
		ABS	FLASH	√	√	√	√	√			
BRONCO 5.0L		PCM	FLASH	√	√	√	√				
		ABS	FLASH	√	√	√	√	√			
BRONCO 5.0L E40D		PCM	FLASH	√	√	√	√				
		ABS	FLASH	√	√	√	√	√			
BRONCO 5.8L	PCM	FLASH	√	√	√	√					

**Usa Ford V38.00 Diagnostics List** (Note:For reference only)

Year	Vehicle	System	Protocol	Functions						
				Sys. Info.	Read code	Clear code	Data stream	Actuation	Special functions	Others
	BRONCO 5.0L	ABS	FLASH	√	√	√	√	√		
	BRONCO 5.8L CAL	PCM	FLASH	√	√	√	√			
		ABS	ISO	√	√	√	√	√		
	CAPRI 1.6L	PCM	FLASH	√	√	√	√			
		ABS	ISO	√	√	√	√	√		
	CONTINENTAL 3.8L	PCM	FLASH	√	√	√	√			
	COUGAR 3.8L	PCM	FLASH	√	√	√	√			
		ABS	FLASH	√	√	√	√	√		
	COUGAR 4.6L 2V	PCM	FLASH	√	√	√	√			
		ABS	FLASH	√	√	√	√	√		
	CROWN VICTORIA 4.6L 2V	PCM	FLASH	√	√	√	√			
		ABS	FLASH	√	√	√	√	√		
	ECONOLINE 4.9L	PCM	FLASH	√	√	√	√			
		4WAL	ISO	√	√	√	√			
	ECONOLINE 4.9L E40D	PCM	FLASH	√	√	√	√			
		4WAL	ISO	√	√	√	√			
	ECONOLINE 5.0L 4R70W	PCM	FLASH	√	√	√	√			
		4WAL	ISO	√	√	√	√			
	ECONOLINE 5.0L	PCM	FLASH	√	√	√	√			
		4WAL	ISO	√	√	√	√			
	ECONOLINE 5.8L 9	PCM	FLASH	√	√	√	√			
		4WAL	ISO	√	√	√	√			
	ECONOLINE 5.8L E40D	PCM	FLASH	√	√	√	√			

## Usa Ford **V38.00** Diagnostics List (Note:For reference only)

Year	Vehicle	System	Protocol	Functions						
				Sys. Info.	Read code	Clear code	Data stream	Actuation	Special functions	Others
	ECONOLINE 5.8L E40D	4WAL	ISO	√	√	√	√			
	ECONOLINE 7.3L	PCM	FLASH	√	√	√	√			
		ABS	ISO	√	√	√	√	√		
	ECONOLINE 7.3L TURBO	PCM	FLASH	√	√	√	√			
		4WAL	ISO	√	√	√	√			
	ECONOLINE 7.5L	PCM	FLASH	√	√	√	√			
		4WAL	ISO	√	√	√	√			
	ECONOLINE 7.5L E40D	PCM	FLASH		√	√				
		4WAL	ISO	√	√	√	√			
	ESCORT 1.8L	PCM	FLASH	√	√	√	√			
		ABS	FLASH	√	√	√	√	√		
	ESCORT 1.9L CVH	PCM	FLASH	√	√	√	√			
		ABS	ISO	√	√	√	√	√		
	EXPLORER 4.0L	PCM	FLASH	√	√	√	√			
	F SERIES 4.9L	PCM	FLASH	√	√	√	√			
		ABS	ISO	√	√	√	√	√		
	F SERIES 4.9L E40D	PCM	FLASH	√	√	√	√			
		ABS	ISO	√	√	√	√	√		
	F SERIES 5.0L 4R70W	PCM	FLASH	√	√	√	√			
		ABS	ISO	√	√	√	√	√		
	F SERIES 5.0L	PCM	FLASH	√	√	√	√			
		ABS	ISO	√	√	√	√	√		
	F SERIES 5.0L E40D	PCM	FLASH	√	√	√	√			

## Usa Ford **V38.00** Diagnostics List (Note:For reference only)

Year	Vehicle	System	Protocol	Functions						
				Sys. Info.	Read code	Clear code	Data stream	Actuation	Special functions	Others
1994	F SERIES 5.0L E40D	ABS	ISO	√	√	√	√	√		
	F SERIES 5.8L	PCM	FLASH	√	√	√	√			
		ABS	ISO	√	√	√	√	√		
	F SERIES 5.8L E40D	PCM	FLASH	√	√	√	√			
		ABS	ISO	√	√	√	√	√		
	F SERIES 5.8L H0	PCM	FLASH	√	√	√	√			
		ABS	ISO	√	√	√	√	√		
	F SERIES 7.0L	PCM	FLASH		√	√				
		ABS	ISO	√	√	√	√	√		
	F SERIES 7.3L	PCM	FLASH	√	√	√	√			
		ABS	ISO	√	√	√	√	√		
	F SERIES 7.3L TURBO	PCM	FLASH	√	√	√	√			
		ABS	ISO	√	√	√	√	√		
	F SERIES 7.5L	PCM	FLASH		√	√				
		ABS	ISO	√	√	√	√	√		
	F SERIES 7.5L E40D	PCM	FLASH		√	√				
		ABS	ISO	√	√	√	√	√		
	GRAND MARQUIS 4.6L 2V	PCM	FLASH	√	√	√	√			
		ABS	FLASH	√	√	√	√	√		
	L SERIES 7.0L	PCM	FLASH		√	√				
ABS		ISO	√	√	√	√	√			
MARK VIII 4.6L 4V	PCM	FLASH	√	√	√	√				
	ABS	FLASH	√	√	√	√	√			

## Usa Ford **V38.00** Diagnostics List (Note:For reference only)

Year	Vehicle	System	Protocol	Functions						
				Sys. Info.	Read code	Clear code	Data stream	Actuation	Special functions	Others
	MUSTANG 3.8L	PCM	PWM	√	√	√	√			
	MUSTANG 5.0L	PCM	FLASH	√	√	√	√			
		ABS	FLASH	√	√	√	√	√		
	PROBE 2.0L ATX	PCM	FLASH	√	√	√	√			
		ABS	FLASH	√	√	√	√	√		
	PROBE 2.0L MTX	PCM	FLASH	√	√	√	√			
		ABS	FLASH	√	√	√	√	√		
	PROBE 2.5L	PCM	FLASH	√	√	√	√			
		ABS	FLASH	√	√	√	√	√		
	RANGER 2.3L	PCM	FLASH	√	√	√	√			
		ABS	ISO	√	√	√	√	√		
	RANGER 2.3L CAL MTX	PCM	FLASH	√	√	√	√			
		ABS	ISO	√	√	√	√	√		
	RANGER 3.0L	PCM	FLASH	√	√	√	√			
		ABS	ISO	√	√	√	√	√		
	RANGER 4.0L	PCM	FLASH	√	√	√	√			
		ABS	ISO	√	√	√	√	√		
	RANGER 4.0L CAL	PCM	FLASH	√	√	√	√			
		ABS	ISO	√	√	√	√	√		
	SABLE 3.0L	PCM	FLASH	√	√	√	√			
		ABS	FLASH	√	√	√	√	√		
	SABLE 3.8L 49S	PCM	FLASH	√	√	√	√			
		ABS	FLASH	√	√	√	√	√		



## Usa Ford **V38.00** Diagnostics List (Note:For reference only)

Year	Vehicle	System	Protocol	Functions						
				Sys. Info.	Read code	Clear code	Data stream	Actuation	Special functions	Others
	SABLE 3.8L CAL	PCM	FLASH	√	√	√	√			
		ABS	FLASH	√	√	√	√	√		
	TAURUS 3.0L	PCM	FLASH	√	√	√	√			
		ABS	FLASH	√	√	√	√	√		
	TAURUS 3.0L FFV	PCM	FLASH	√	√	√	√			
		ABS	FLASH	√	√	√	√	√		
	TAURUS 3.0L SHO	PCM	FLASH	√	√	√	√			
		ABS	FLASH	√	√	√	√	√		
	TAURUS 3.2L SHO	PCM	FLASH	√	√	√	√			
		ABS	FLASH	√	√	√	√	√		
	TAURUS 3.8L	PCM	FLASH	√	√	√	√			
		ABS	FLASH	√	√	√	√	√		
	TAURUS 3.8L CAL	PCM	FLASH	√	√	√	√			
		ABS	FLASH	√	√	√	√	√		
	TEMPO 2.3L HSC	PCM	FLASH	√	√	√	√			
		ABS	ISO	√	√	√	√	√		
	TEMPO 3.0L	PCM	FLASH	√	√	√	√			
		ABS	ISO	√	√	√	√	√		
	THUNDERBIRD 3.8L	PCM	FLASH	√	√	√	√			
		ABS	FLASH	√	√	√	√	√		
THUNDERBIRD 3.8L SC-AT	PCM	FLASH	√	√	√	√				
	ABS	FLASH	√	√	√	√	√			
THUNDERBIRD 3.8L SC-MT	PCM	FLASH	√	√	√	√				

## Usa Ford **V38.00** Diagnostics List (Note:For reference only)

Year	Vehicle	System	Protocol	Functions						
				Sys. Info.	Read code	Clear code	Data stream	Actuation	Special functions	Others
	THUNDERBIRD 3.0L SC MI	ABS	FLASH	√	√	√	√	√		
	THUNDERBIRD 4.6L 2V	PCM	PWM	√	√	√	√			
		ABS	FLASH	√	√	√	√	√		
	TOPAZ 2.3L HSC	PCM	FLASH	√	√	√	√			
		ABS	ISO	√	√	√	√	√		
	TOPAZ 3.0L	PCM	FLASH	√	√	√	√			
		ABS	ISO	√	√	√	√	√		
	TOWN CAR 4.6L 2V、	PCM	FLASH	√	√	√	√			
		ABS	FLASH	√	√	√	√	√		
	TRACER 1.8L	PCM	FLASH	√	√	√	√			
		ABS	ISO	√	√	√	√	√		
	TRACER 1.9L CVH	PCM	FLASH	√	√	√	√			
	AEROSTAR 3.0L	PCM	FLASH		√	√				
	AEROSTAR 4.0L	PCM	FLASH	√	√	√	√			
	BRONCO 4.9L	PCM	FLASH		√	√				
		ABS	FLASH		√	√				
	BRONCO 4.9L E40D	PCM	FLASH	√	√	√	√			
		ABS	FLASH	√	√	√	√	√		
	BRONCO 5.0L	PCM	FLASH	√	√	√	√			
		ABS	FLASH	√	√	√	√	√		
	BRONCO 5.0L E40D	PCM	FLASH	√	√	√	√			
		ABS	FLASH	√	√	√	√	√		
	BRONCO 5.8L	PCM	FLASH	√	√	√	√			

## Usa Ford **V38.00** Diagnostics List (Note:For reference only)

Year	Vehicle	System	Protocol	Functions						
				Sys. Info.	Read code	Clear code	Data stream	Actuation	Special functions	Others
	BRONCO 5.0L	ABS	FLASH	√	√	√	√	√		
	BRONCO 5.8L E40D	PCM	FLASH	√	√	√	√			
		ABS	FLASH	√	√	√	√	√		
	CAPRI 1.6L	PCM	FLASH	√	√	√	√			
		ABS	FLASH	√	√	√	√	√		
	CONTINENTAL 3.8L	PCM	FLASH	√	√	√	√			
	COUGAR 3.8L	PCM	FLASH	√	√	√	√			
		ABS	FLASH	√	√	√	√	√		
	COUGAR 5.0L	PCM	FLASH	√	√	√	√			
	E SERIES 4.9L	PCM	FLASH	√	√	√	√			
	E SERIES 4.9L E40D	PCM	FLASH	√	√	√	√			
	E SERIES 5.0L	PCM	FLASH	√	√	√	√			
	E SERIES 5.0L E40D	PCM	FLASH	√	√	√	√			
	E SERIES 5.8L	PCM	FLASH	√	√	√	√			
	E SERIES 5.8L E40D	PCM	FLASH	√	√	√	√			
	E SERIES 7.5L	PCM	FLASH	√	√	√	√			
	E SERIES 7.5L E40D	PCM	FLASH	√	√	√	√			
	ESCORT 1.8L	PCM	FLASH	√	√	√	√			
		ABS	FLASH	√	√	√	√	√		
	ESCORT 1.9L CVH	PCM	FLASH	√	√	√	√			
		ABS	FLASH	√	√	√	√	√		
	EXPLORER 4.0L 49S	PCM	FLASH	√	√	√	√			
		ABS	FLASH	√	√	√	√	√		

## Usa Ford **V38.00** Diagnostics List (Note:For reference only)

Year	Vehicle	System	Protocol	Functions						
				Sys. Info.	Read code	Clear code	Data stream	Actuation	Special functions	Others
1993	EXPLORER 4.0L	PCM	FLASH	√	√	√	√			
	F SERIES 4.9L	PCM	FLASH	√	√	√	√			
		ABS	FLASH	√	√	√	√	√		
	F SERIES 4.9L E40D	PCM	FLASH	√	√	√	√			
		ABS	FLASH	√	√	√	√	√		
	F SERIES 5.0L	PCM	FLASH	√	√	√	√			
		ABS	FLASH	√	√	√	√	√		
	F SERIES 5.0L E40D	PCM	FLASH	√	√	√	√			
		ABS	FLASH	√	√	√	√	√		
	F SERIES 5.8L	PCM	FLASH	√	√	√	√			
		ABS	FLASH	√	√	√	√	√		
	F SERIES 5.8L E40D	PCM	FLASH	√	√	√	√			
		ABS	FLASH	√	√	√	√	√		
	F SERIES 5.8L H0	PCM	FLASH	√	√	√	√			
		ABS	FLASH	√	√	√	√	√		
	F SERIES 7.0L	PCM	FLASH		√	√				
		ABS	FLASH	√	√	√	√	√		
	F SERIES 7.3L	PCM	FLASH	√	√	√	√			
		ABS	FLASH	√	√	√	√	√		
	F SERIES 7.5L	PCM	FLASH		√	√				
ABS		FLASH	√	√	√	√	√			
F SERIES 7.5L E40D	PCM	FLASH		√	√					
	ABS	FLASH	√	√	√	√	√			

## Usa Ford **V38.00** Diagnostics List (Note:For reference only)

Year	Vehicle	System	Protocol	Functions						
				Sys. Info.	Read code	Clear code	Data stream	Actuation	Special functions	Others
	FESTIVA 1.3L	PCM	FLASH	√	√	√	√			
		ECS	FLASH		√	√	√			
	GRAND MARQUIS 4.6L 2V	PCM	FLASH	√	√	√	√			
		ABS	FLASH	√	√	√	√	√		
	L SERIES 7.0L	PCM	FLASH		√	√				
		ABS	FLASH	√	√	√	√	√		
	MARK VIII 4.6L 4V	PCM	FLASH	√	√	√	√			
		ABS	FLASH	√	√	√	√	√		
	MUSTANG 2.3L OHC	PCM	FLASH	√	√	√	√			
	MUSTANG 5.0L	PCM	FLASH	√	√	√	√			
	PROBE 2.0L ATX	PCM	FLASH	√	√	√	√			
		ABS	FLASH	√	√	√	√	√		
	PROBE 2.0L MTX	PCM	FLASH	√	√	√	√			
		ABS	FLASH	√	√	√	√	√		
	RANGER 2.3L OHC CAL	PCM	FLASH	√	√	√	√			
	RANGER 2.3L OHC 49S	PCM	FLASH	√	√	√	√			
		ABS	FLASH	√	√	√	√	√		
	RANGER 4.0L	PCM	FLASH	√	√	√	√			
		ABS	FLASH	√	√	√	√	√		
	SABLE 3.0L	PCM	FLASH	√	√	√	√			
ABS		FLASH	√	√	√	√	√			
SABLE 3.8L	PCM	FLASH	√	√	√	√				
TALISMAN 3.0L	PCM	FLASH	√	√	√	√				

## Usa Ford **V38.00** Diagnostics List (Note:For reference only)

Year	Vehicle	System	Protocol	Functions						
				Sys. Info.	Read code	Clear code	Data stream	Actuation	Special functions	Others
	TAURUS 3.0L	ABS	FLASH	√	√	√	√	√		
	TAURUS 3.0L FFV	PCM	FLASH	√	√	√	√			
		ABS	FLASH	√	√	√	√	√		
	TAURUS 3.0L SHO	PCM	FLASH	√	√	√	√			
		ABS	FLASH	√	√	√	√	√		
	TAURUS 3.2L SHO	PCM	FLASH	√	√	√	√			
		ABS	FLASH	√	√	√	√	√		
	TAURUS 3.8L	PCM	FLASH	√	√	√	√			
		ABS	FLASH	√	√	√	√	√		
	TEMPO 2.3L HSC	PCM	FLASH	√	√	√	√			
		ABS	FLASH	√	√	√	√	√		
	TEMPO 3.0L	PCM	FLASH	√	√	√	√			
		ABS	FLASH	√	√	√	√	√		
	THUNDERBIRD 3.8L	PCM	FLASH	√	√	√	√			
		ABS	FLASH	√	√	√	√	√		
	THUNDERBIRD 3.8L SC	PCM	FLASH	√	√	√	√			
		ABS	FLASH	√	√	√	√	√		
	THUNDERBIRD 5.0L	PCM	FLASH	√	√	√	√			
		ABS	FLASH	√	√	√	√	√		
	TOPAZ 2.3L HSC	PCM	FLASH	√	√	√	√			
		ABS	FLASH	√	√	√	√	√		
	TOPAZ 3.0L	PCM	FLASH	√	√	√	√			
		ABS	FLASH	√	√	√	√	√		

## Usa Ford **V38.00** Diagnostics List (Note:For reference only)

Year	Vehicle	System	Protocol	Functions						
				Sys. Info.	Read code	Clear code	Data stream	Actuation	Special functions	Others
	TOWN CAR 4.6L 2V、	PCM	FLASH	√	√	√	√			
		ABS	FLASH	√	√	√	√	√		
	TRACER 1.8L	PCM	FLASH	√	√	√	√			
		ABS	FLASH	√	√	√	√	√		
	TRACER 1.9L CVH	PCM	FLASH	√	√	√	√			
		AEROSTAR 3.0L	PCM	FLASH		√	√			
AEROSTAR 4.0L		PCM	FLASH	√	√	√	√			
BRONCO 4.9L		PCM	FLASH		√	√				
BRONCO 4.9L E40D		PCM	FLASH	√	√	√	√			
		ABS	FLASH	√	√	√	√	√		
BRONCO 5.0L		PCM	FLASH	√	√	√	√			
		ABS	FLASH	√	√	√	√	√		
BRONCO 5.0L E40D		PCM	FLASH	√	√	√	√			
		ABS	FLASH	√	√	√	√	√		
BRONCO 5.8L LD		PCM	FLASH	√	√	√	√			
CAPRI 1.6L		PCM	FLASH	√	√	√	√			
		ABS	FLASH	√	√	√	√	√		
CONTINENTAL 3.8L		PCM	FLASH	√	√	√	√			
COUGAR 3.8L		PCM	FLASH	√	√	√	√			
		ABS	FLASH	√	√	√	√	√		
COUGAR 5.0L		PCM	FLASH	√	√	√	√			
CROWN VICTORIA 4.6L 2V A0D		PCM	FLASH	√	√	√	√			
		ABS	FLASH	√	√	√	√	√		

## Usa Ford **V38.00** Diagnostics List (Note:For reference only)

Year	Vehicle	System	Protocol	Functions						
				Sys. Info.	Read code	Clear code	Data stream	Actuation	Special functions	Others
	CROWN VICTORIA 4.6L 2V A0DE	PCM	FLASH	√	√	√	√			
		ABS	FLASH	√	√	√	√	√		
	E SERIES 4.9L	PCM	FLASH	√	√	√	√			
	E SERIES 4.9L E40D	PCM	FLASH	√	√	√	√			
	E SERIES 5.0L	PCM	FLASH	√	√	√	√			
	E SERIES 5.0L E40D	PCM	FLASH	√	√	√	√			
	E SERIES 5.8L HD	PCM	FLASH	√	√	√	√			
	E SERIES 5.8L HD E40D	PCM	FLASH	√	√	√	√			
	E SERIES 5.8L LD	PCM	FLASH	√	√	√	√			
	E SERIES 7.3L	PCM	FLASH	√	√	√	√			
	E SERIES 7.5L	PCM	FLASH	√	√	√	√			
	E SERIES 7.5L E40D	PCM	FLASH	√	√	√	√			
	ESCORT 1.8L	PCM	FLASH	√	√	√	√			
		ABS	FLASH	√	√	√	√	√		
	ESCORT 1.9L CVH	PCM	FLASH	√	√	√	√			
		ABS	FLASH	√	√	√	√	√		
	EXPLORER 4.0L	PCM	FLASH	√	√	√	√			
	F SERIES 4.9L	PCM	FLASH	√	√	√	√			
		ABS	FLASH	√	√	√	√	√		
	F SERIES 4.9L E40D	PCM	FLASH	√	√	√	√			
		ABS	FLASH	√	√	√	√	√		
	F SERIES 5.0L	PCM	FLASH	√	√	√	√			
		ABS	FLASH	√	√	√	√	√		



## Usa Ford **V38.00** Diagnostics List (Note:For reference only)

Year	Vehicle	System	Protocol	Functions						
				Sys. Info.	Read code	Clear code	Data stream	Actuation	Special functions	Others
1992	F SERIES 5.0L E40D	PCM	FLASH	√	√	√	√			
		ABS	FLASH	√	√	√	√	√		
	F SERIES 5.8L HD	PCM	FLASH	√	√	√	√			
	F SERIES 5.8L HD E40D	PCM	FLASH	√	√	√	√			
		ABS	FLASH	√	√	√	√	√		
	F SERIES 5.8L LD	PCM	FLASH	√	√	√	√			
	F SERIES 7.0L	PCM	FLASH		√	√				
		ABS	FLASH	√	√	√	√	√		
	F SERIES 7.3L	PCM	FLASH	√	√	√	√			
		ABS	FLASH	√	√	√	√	√		
	F SERIES 7.5L	PCM	FLASH		√	√				
		ABS	FLASH	√	√	√	√	√		
	F SERIES 7.5L E40D	PCM	FLASH		√	√				
		ABS	FLASH	√	√	√	√	√		
	FESTIVA 1.3L	PCM	FLASH	√	√	√	√			
		ECS	FLASH		√	√	√			
	GRAND MARQUIS 4.6L 2V A0D	PCM	FLASH	√	√	√	√			
	GRAND MARQUIS 4.6L 2V A0DE	PCM	FLASH	√	√	√	√			
	L SERIES 7.0L	PCM	FLASH		√	√				
		ABS	FLASH	√	√	√	√	√		
MARK VII 5.0L	PCM	FLASH	√	√	√	√				
MUSTANG 2.3L OHC	PCM	FLASH	√	√	√	√				
MUSTANG 5.0L	PCM	FLASH	√	√	√	√				

## Usa Ford **V38.00** Diagnostics List (Note:For reference only)

Year	Vehicle	System	Protocol	Functions						
				Sys. Info.	Read code	Clear code	Data stream	Actuation	Special functions	Others
	PROBE 2.0L	PCM	FLASH	√	√	√	√			
		ABS	FLASH	√	√	√	√	√		
	PROBE 2.2L	PCM	FLASH	√	√	√	√			
	PROBE 2.2L TURBO	PCM	FLASH	√	√	√	√			
	PROBE 3.0L	PCM	FLASH	√	√	√	√			
	RANGER 2.3L OHC	PCM	FLASH	√	√	√	√			
	RANGER 2.9L	PCM	FLASH	√	√	√	√			
	RANGER 3.0L	PCM	FLASH	√	√	√	√			
		ABS	FLASH	√	√	√	√	√		
	RANGER 4.0L	PCM	FLASH	√	√	√	√			
		ABS	FLASH	√	√	√	√	√		
	SABLE 3.0L	PCM	FLASH	√	√	√	√			
		ABS	FLASH	√	√	√	√	√		
	SABLE 3.8L	PCM	FLASH	√	√	√	√			
	TAURUS 3.0L	PCM	FLASH	√	√	√	√			
		ABS	FLASH	√	√	√	√	√		
	TAURUS 3.0L SHO	PCM	FLASH	√	√	√	√			
		ABS	FLASH	√	√	√	√	√		
	TAURUS 3.8L	PCM	FLASH	√	√	√	√			
		ABS	FLASH	√	√	√	√	√		
	TEMPO 2.3L HSC	PCM	FLASH	√	√	√	√			
		ABS	FLASH	√	√	√	√	√		
	TEMPO 3.0L	PCM	FLASH	√	√	√	√			

## Usa Ford **V38.00** Diagnostics List (Note:For reference only)

Year	Vehicle	System	Protocol	Functions						
				Sys. Info.	Read code	Clear code	Data stream	Actuation	Special functions	Others
	TEMP 3.0L	ABS	FLASH	√	√	√	√	√		
	THUNDERBIRD 3.8L	PCM	FLASH	√	√	√	√			
		ABS	FLASH	√	√	√	√	√		
	THUNDERBIRD 3.8L SC	PCM	FLASH	√	√	√	√			
		ABS	FLASH	√	√	√	√	√		
	THUNDERBIRD 5.0L	PCM	FLASH	√	√	√	√			
		ABS	FLASH	√	√	√	√	√		
	TOPAZ 2.3L HSC	PCM	FLASH	√	√	√	√			
		ABS	FLASH	√	√	√	√	√		
	TOPAZ 3.0L	PCM	FLASH	√	√	√	√			
		ABS	FLASH	√	√	√	√	√		
	TOWN CAR 4.6L 2V A0D	PCM	FLASH	√	√	√	√			
		ABS	FLASH	√	√	√	√	√		
	TOWN CAR 4.6L 2V A0DE	PCM	FLASH	√	√	√	√			
		ABS	FLASH	√	√	√	√	√		
	TRACER 1.8L	PCM	FLASH	√	√	√	√			
		ABS	FLASH	√	√	√	√	√		
	TRACER 1.9L CVH	PCM	FLASH	√	√	√	√			
	AEROSTAR 3.0L	PCM	FLASH		√	√				
	AEROSTAR 4.0L	PCM	FLASH	√	√	√	√			
	BRONCO 4.9L	PCM	FLASH		√	√				
	BRONCO 4.9L E40D	PCM	FLASH	√	√	√	√			
		ABS	FLASH	√	√	√	√	√		

## Usa Ford **V38.00** Diagnostics List (Note:For reference only)

Year	Vehicle	System	Protocol	Functions						
				Sys. Info.	Read code	Clear code	Data stream	Actuation	Special functions	Others
	BRONCO 5.0L E40D	PCM	FLASH	√	√	√	√			
		ABS	FLASH	√	√	√	√	√		
	BRONCO 5.8L LD	PCM	FLASH	√	√	√	√			
	CAPRI 1.6L	PCM	FLASH	√	√	√	√			
		ABS	FLASH	√	√	√	√	√		
	CONTINENTAL 3.8L	PCM	FLASH	√	√	√	√			
	COUGAR 3.8L	PCM	FLASH	√	√	√	√			
		ABS	FLASH	√	√	√	√	√		
	COUGAR 5.0L	PCM	FLASH	√	√	√	√			
	CROWN VICTORIA 5.0L	PCM	FLASH	√	√	√	√			
	E SERIES 4.9L	PCM	FLASH	√	√	√	√			
	E SERIES 4.9L E40D	PCM	FLASH	√	√	√	√			
	E SERIES 5.0L	PCM	FLASH	√	√	√	√			
	E SERIES 5.0L E40D	PCM	FLASH	√	√	√	√			
	E SERIES 5.8L HD	PCM	FLASH	√	√	√	√			
	E SERIES 5.8L LD	PCM	FLASH	√	√	√	√			
	E SERIES 7.3L	PCM	FLASH	√	√	√	√			
	E SERIES 7.5L	PCM	FLASH	√	√	√	√			
	ESCORT 1.8L	PCM	FLASH	√	√	√	√			
		ABS	FLASH	√	√	√	√	√		
	ESCORT 1.9L CVH	PCM	FLASH	√	√	√	√			
		ABS	FLASH	√	√	√	√	√		
	EXPLORER 4.0L	PCM	FLASH	√	√	√	√			

## Usa Ford **V38.00** Diagnostics List (Note:For reference only)

Year	Vehicle	System	Protocol	Functions						
				Sys. Info.	Read code	Clear code	Data stream	Actuation	Special functions	Others
1991	F SERIES 4.9L	PCM	FLASH	√	√	√	√			
		ABS	FLASH	√	√	√	√	√		
	F SERIES 4.9L E40D	PCM	FLASH	√	√	√	√			
		ABS	FLASH	√	√	√	√	√		
	F SERIES 5.0L	PCM	FLASH	√	√	√	√			
		ABS	FLASH	√	√	√	√	√		
	F SERIES 5.0L E40D	PCM	FLASH	√	√	√	√			
		ABS	FLASH	√	√	√	√	√		
	F SERIES 5.8L HD	PCM	FLASH	√	√	√	√			
	F SERIES 5.8L LD	PCM	FLASH	√	√	√	√			
	F SERIES 7.0L	PCM	FLASH		√	√				
		ABS	FLASH	√	√	√	√	√		
	F SERIES 7.3L	PCM	FLASH	√	√	√	√			
		ABS	FLASH	√	√	√	√	√		
	F SERIES 7.5L	PCM	FLASH		√	√				
		ABS	FLASH	√	√	√	√	√		
	FESTIVA 1.3L	PCM	FLASH	√	√	√	√			
		ECS	FLASH		√	√	√			
	GRAND MARQUIS 5.0L	PCM	FLASH	√	√	√	√			
	MARK VII 5.0L	PCM	FLASH	√	√	√	√			
MUSTANG 2.3L OHC	PCM	FLASH	√	√	√	√				
MUSTANG 5.0L	PCM	FLASH	√	√	√	√				
PROBE 2.2L	PCM	FLASH	√	√	√	√				

## Usa Ford **V38.00** Diagnostics List (Note:For reference only)

Year	Vehicle	System	Protocol	Functions						
				Sys. Info.	Read code	Clear code	Data stream	Actuation	Special functions	Others
	PROBE 2.2L TURBO	PCM	FLASH	√	√	√	√			
	PROBE 3.0L	PCM	FLASH	√	√	√	√			
	RANGER 2.3L OHC	PCM	FLASH	√	√	√	√			
	RANGER 2.9L	PCM	FLASH	√	√	√	√			
	RANGER 3.0L	PCM	FLASH	√	√	√	√			
		ABS	FLASH	√	√	√	√	√		
	RANGER 4.0L	PCM	FLASH	√	√	√	√			
		ABS	FLASH	√	√	√	√	√		
	SABLE 3.0L	PCM	FLASH	√	√	√	√			
		ABS	FLASH	√	√	√	√	√		
	SABLE 3.8L	PCM	FLASH	√	√	√	√			
	TAURUS 2.5L	PCM	FLASH	√	√	√	√			
	TAURUS 3.0L	PCM	FLASH	√	√	√	√			
		ABS	FLASH	√	√	√	√	√		
	TAURUS 3.0L SHO	PCM	FLASH	√	√	√	√			
	TAURUS 3.8L	PCM	FLASH	√	√	√	√			
		ABS	FLASH	√	√	√	√	√		
	TEMPO 2.3L HSC	PCM	FLASH	√	√	√	√			
		ABS	FLASH	√	√	√	√	√		
	THUNDERBIRD 3.8L	PCM	FLASH	√	√	√	√			
		ABS	FLASH	√	√	√	√	√		
	THUNDERBIRD 3.8L SC	PCM	FLASH	√	√	√	√			
		ABS	FLASH	√	√	√	√	√		

## Usa Ford **V38.00** Diagnostics List (Note:For reference only)

Year	Vehicle	System	Protocol	Functions						
				Sys. Info.	Read code	Clear code	Data stream	Actuation	Special functions	Others
	THUNDERBIRD 5.0L	PCM	FLASH	√	√	√	√			
		PCM	FLASH	√	√	√	√			
		ABS	FLASH	√	√	√	√	√		
	TOPAZ 2.3L HSC	PCM	FLASH	√	√	√	√			
		ABS	FLASH	√	√	√	√	√		
	TOWN CAR 4.6L 2V、	PCM	FLASH	√	√	√	√			
		ABS	FLASH	√	√	√	√	√		
	TRACER 1.8L	PCM	FLASH	√	√	√	√			
ABS		FLASH	√	√	√	√	√			
TRACER 1.9L CVH	PCM	FLASH	√	√	√	√				
	AEROSTAR 3.0L	PCM	FLASH		√	√				
	AEROSTAR 4.0L	PCM	FLASH	√	√	√	√			
	BRONCO 4.9L	PCM	FLASH		√	√				
	BRONCO 4.9L E40D	PCM	FLASH	√	√	√	√			
		ABS	FLASH	√	√	√	√	√		
	BRONCO 5.0L	PCM	FLASH	√	√	√	√			
	BRONCO 5.0L E40D	PCM	FLASH	√	√	√	√			
		ABS	FLASH	√	√	√	√	√		
	BRONCO 5.8L LD	PCM	FLASH	√	√	√	√			
	BRONCO II 2.9L 49S	PCM	FLASH	√	√	√	√			
	BRONCO II 2.9L	PCM	FLASH	√	√	√	√			
	BRONCO II 2.9L CAL	PCM	FLASH	√	√	√	√			
CONTINENTAL 3.8L	PCM	FLASH	√	√	√	√				

## Usa Ford **V38.00** Diagnostics List (Note:For reference only)

Year	Vehicle	System	Protocol	Functions						
				Sys. Info.	Read code	Clear code	Data stream	Actuation	Special functions	Others
	COUGAR 3.8L	PCM	FLASH	√	√	√	√			
	COUGAR 3.8L SC	PCM	FLASH	√	√	√	√			
	COUGAR 5.0L	PCM	FLASH	√	√	√	√			
	CROWN VICTORIA 5.0L	PCM	FLASH	√	√	√	√			
	E SERIES 4.9L	PCM	FLASH	√	√	√	√			
	E SERIES 4.9L E40D	PCM	FLASH	√	√	√	√			
	E SERIES 5.0L	PCM	FLASH	√	√	√	√			
	E SERIES 5.0L E40D	PCM	FLASH	√	√	√	√			
	E SERIES 5.8L HD	PCM	FLASH	√	√	√	√			
	E SERIES 5.8L LD	PCM	FLASH	√	√	√	√			
	E SERIES 7.3L	PCM	FLASH	√	√	√	√			
	E SERIES 7.5L	PCM	FLASH	√	√	√	√			
	ESCORT 1.9L	PCM	FLASH	√	√	√	√			
		ABS	FLASH	√	√	√	√	√		
	ESCORT 1.9L H0	PCM	FLASH	√	√	√	√			
	F SERIES 4.9L	PCM	FLASH	√	√	√	√			
	F SERIES 4.9L E40D	PCM	FLASH	√	√	√	√			
		ABS	FLASH	√	√	√	√	√		
	F SERIES 5.0L	PCM	FLASH	√	√	√	√			
	F SERIES 5.0L E40D	PCM	FLASH	√	√	√	√			
		ABS	FLASH	√	√	√	√	√		
	F SERIES 5.8L HD	PCM	FLASH	√	√	√	√			
	F SERIES 5.8L LD	PCM	FLASH	√	√	√	√			



## Usa Ford **V38.00** Diagnostics List (Note:For reference only)

Year	Vehicle	System	Protocol	Functions						
				Sys. Info.	Read code	Clear code	Data stream	Actuation	Special functions	Others
1990	F SERIES 7.3L	PCM	FLASH	√	√	√	√			
	F SERIES 7.5L	PCM	FLASH		√	√				
	FESTIVA 1.3L	PCM	FLASH	√	√	√	√			
		ECS	FLASH		√	√	√			
	GRAND MARQUIS 5.0L	PCM	FLASH	√	√	√	√			
	MARK VII 5.0L	PCM	FLASH	√	√	√	√			
	MUSTANG 2.3L OHC 49S	PCM	FLASH	√	√	√	√			
	MUSTANG 2.3L OHC	PCM	FLASH	√	√	√	√			
	MUSTANG 2.3L OHC CAL	PCM	FLASH	√	√	√	√			
	MUSTANG 5.0L	PCM	FLASH	√	√	√	√			
	PROBE 2.2L	PCM	FLASH	√	√	√	√			
	PROBE 2.2L TURBO	PCM	FLASH	√	√	√	√			
	PROBE 3.0L	PCM	FLASH	√	√	√	√			
	RANGER 2.3L OHC 49S	PCM	FLASH	√	√	√	√			
	RANGER 2.3L OHC	PCM	FLASH	√	√	√	√			
	RANGER 2.3L OHC CAL	PCM	FLASH	√	√	√	√			
	RANGER 2.9L 49S	PCM	FLASH	√	√	√	√			
	RANGER 2.9L	PCM	FLASH	√	√	√	√			
	RANGER 2.9L CAL	PCM	FLASH	√	√	√	√			
	RANGER 4.0L	PCM	FLASH	√	√	√	√			
ABS		FLASH	√	√	√	√	√			
SABLE 3.0L 49S	PCM	FLASH	√	√	√	√				
	ABS	FLASH	√	√	√	√	√			

## Usa Ford **V38.00** Diagnostics List (Note:For reference only)

Year	Vehicle	System	Protocol	Functions						
				Sys. Info.	Read code	Clear code	Data stream	Actuation	Special functions	Others
	SABLE 3.0L	PCM	FLASH	√	√	√	√			
	SABLE 3.0L CAL	PCM	FLASH	√	√	√	√			
	SABLE 3.8L	PCM	FLASH	√	√	√	√			
	SCORPIO 2.9L	PCM	FLASH	√	√	√	√			
	TAURUS 2.5L	PCM	FLASH	√	√	√	√			
	TAURUS 3.0L	PCM	FLASH	√	√	√	√			
	TAURUS 3.0L SHO	PCM	FLASH	√	√	√	√			
	TAURUS 3.8L	PCM	FLASH	√	√	√	√			
	TEMPO 2.3L HSC	PCM	FLASH	√	√	√	√			
	THUNDERBIRD 3.8L	PCM	FLASH	√	√	√	√			
	THUNDERBIRD 3.8L SC	PCM	FLASH	√	√	√	√			
	TOPAZ 2.3L HSC	PCM	FLASH	√	√	√	√			
	TOWN CAR 5.0L CAL	PCM	FLASH	√	√	√	√			
	TOWN CAR 5.0L49S	PCM	FLASH	√	√	√	√			
	BRONCO 4.9L	PCM	FLASH		√	√				
	BRONCO 5.0L	PCM	FLASH	√	√	√	√			
	BRONCO 5.8L LD	PCM	FLASH	√	√	√	√			
	BRONCO II 2.9L	PCM	FLASH	√	√	√	√			
	CONTINENTAL 3.8L	PCM	FLASH	√	√	√	√			
	COUGAR 3.8L	PCM	FLASH	√	√	√	√			
	COUGAR 3.8L SC	PCM	FLASH	√	√	√	√			
	COUGAR 5.0L	PCM	FLASH	√	√	√	√			
	CROWN VICTORIA 5.0L	PCM	FLASH	√	√	√	√			

## Usa Ford **V38.00** Diagnostics List (Note:For reference only)

Year	Vehicle	System	Protocol	Functions							
				Sys. Info.	Read code	Clear code	Data stream	Actuation	Special functions	Others	
1989	E SERIES 4.9L	PCM	FLASH	√	√	√	√				
	E SERIES 5.0L	PCM	FLASH	√	√	√	√				
	E SERIES 5.8L HD	PCM	FLASH	√	√	√	√				
	E SERIES 5.8L LD	PCM	FLASH	√	√	√	√				
	E SERIES 7.3L	PCM	FLASH	√	√	√	√				
	E SERIES 7.5L	PCM	FLASH	√	√	√	√				
	E SERIES 7.5L E40D	PCM	FLASH	√	√	√	√				
	ESCORT 1.9L	PCM	FLASH	√	√	√	√				
		ABS	FLASH	√	√	√	√	√			
	ESCORT 1.9L H0	PCM	FLASH	√	√	√	√				
	F SERIES 4.9L	PCM	FLASH	√	√	√	√				
	F SERIES 5.0L	PCM	FLASH	√	√	√	√				
	F SERIES 5.8L HD	PCM	FLASH	√	√	√	√				
	F SERIES 5.8L LD	PCM	FLASH	√	√	√	√				
	F SERIES 7.3L	PCM	FLASH	√	√	√	√				
	F SERIES 7.5L	PCM	FLASH		√	√					
	F SERIES 7.5L E40D	PCM	FLASH		√	√					
	FESTIVA 1.3L	PCM	FLASH	√	√	√	√				
		ECS	FLASH		√	√	√				
	GRAND MARQUIS 5.0L	PCM	FLASH	√	√	√	√				
	MARK VII 5.0L	PCM	FLASH	√	√	√	√				
	MUSTANG 2.3L OHC	PCM	FLASH	√	√	√	√				
	MUSTANG 5.0L	PCM	FLASH	√	√	√	√				

## Usa Ford **V38.00** Diagnostics List (Note:For reference only)

Year	Vehicle	System	Protocol	Functions						
				Sys. Info.	Read code	Clear code	Data stream	Actuation	Special functions	Others
	PROBE 2.2L	PCM	FLASH	√	√	√	√			
	PROBE 2.2L TURBO	PCM	FLASH	√	√	√	√			
	RANGER 2.3L OHC	PCM	FLASH	√	√	√	√			
	RANGER 2.9L	PCM	FLASH	√	√	√	√			
	SABLE 3.0L	PCM	FLASH	√	√	√	√			
	SABLE 3.8L	PCM	FLASH	√	√	√	√			
	SCORPIO 2.9L	PCM	FLASH	√	√	√	√			
	TAURUS 2.5L	PCM	FLASH	√	√	√	√			
	TAURUS 3.0L	PCM	FLASH	√	√	√	√			
	TAURUS 3.0L SHO	PCM	FLASH	√	√	√	√			
	TAURUS 3.8L	PCM	FLASH	√	√	√	√			
	TEMPO 2.3L HSC	PCM	FLASH	√	√	√	√			
	THUNDERBIRD 3.8L	PCM	FLASH	√	√	√	√			
	THUNDERBIRD 3.8L SC	PCM	FLASH	√	√	√	√			
	TOPAZ 2.3L HSC	PCM	FLASH	√	√	√	√			
	TOWN CAR 5.0L	PCM	FLASH	√	√	√	√			
	TRACER 1.6L	PCM	FLASH	√	√	√	√			
	XR4TI 2.3L OHC-TC	PCM	FLASH	√	√	√	√			
	AEROSTAR 3.0L	PCM	FLASH		√	√				
	BRONCO 4.9L	PCM	FLASH		√	√				
	BRONCO 5.0L	PCM	FLASH	√	√	√	√			
	BRONCO II 2.9L	PCM	FLASH	√	√	√	√			
	CONTINENTAL 3.8L	PCM	FLASH	√	√	√	√			

## Usa Ford **V38.00** Diagnostics List (Note:For reference only)

Year	Vehicle	System	Protocol	Functions						
				Sys. Info.	Read code	Clear code	Data stream	Actuation	Special functions	Others
1988	COUGAR 3.8L	PCM	FLASH	√	√	√	√			
	COUGAR 5.0L	PCM	FLASH	√	√	√	√			
	CROWN VICTORIA 5.0L	PCM	FLASH	√	√	√	√			
	E SERIES 4.9L	PCM	FLASH	√	√	√	√			
	E SERIES 5.0L	PCM	FLASH	√	√	√	√			
	E SERIES 5.8L	PCM	FLASH	√	√	√	√			
	E SERIES 7.5L	PCM	FLASH	√	√	√	√			
	ESCORT 1.9L	PCM	FLASH	√	√	√	√			
		ABS	FLASH	√	√	√	√	√		
	ESCORT 1.9L H0	PCM	FLASH	√	√	√	√			
	EXP 1.9L	PCM	FLASH	√	√	√	√			
	F SERIES 4.9L	PCM	FLASH	√	√	√	√			
	F SERIES 5.0L	PCM	FLASH	√	√	√	√			
	F SERIES 5.8L	PCM	FLASH	√	√	√	√			
	F SERIES 7.5L	PCM	FLASH		√	√				
	FESTIVA 1.3L	PCM	FLASH	√	√	√	√			
		ECS	FLASH		√	√	√			
	GRAND MARQUIS 5.0L	PCM	FLASH	√	√	√	√			
	MARK VII 5.0L	PCM	FLASH	√	√	√	√			
	MUSTANG 2.3L OHC	PCM	FLASH	√	√	√	√			
MUSTANG 5.0L 49S	PCM	FLASH	√	√	√	√				
MUSTANG 5.0L	PCM	FLASH	√	√	√	√				
MUSTANG 5.0L CAL	PCM	FLASH	√	√	√	√				

## Usa Ford **V38.00** Diagnostics List (Note:For reference only)

Year	Vehicle	System	Protocol	Functions						
				Sys. Info.	Read code	Clear code	Data stream	Actuation	Special functions	Others
	RANGER 2.3L OHC	PCM	FLASH	√	√	√	√			
	RANGER 2.9L	PCM	FLASH	√	√	√	√			
	SABLE 3.0L	PCM	FLASH	√	√	√	√			
	SABLE 3.8L	PCM	FLASH	√	√	√	√			
	SCORPIO 2.9L	PCM	FLASH	√	√	√	√			
	TAURUS 2.5L	PCM	FLASH	√	√	√	√			
	TAURUS 3.0L	PCM	FLASH	√	√	√	√			
	TAURUS 3.8L	PCM	FLASH	√	√	√	√			
	TEMPO 2.3L HSC	PCM	FLASH	√	√	√	√			
	THUNDERBIRD 2.3L OHC TC	PCM	FLASH	√	√	√	√			
	THUNDERBIRD 3.8L	PCM	FLASH	√	√	√	√			
	THUNDERBIRD 5.0L	PCM	FLASH	√	√	√	√			
	TOPAZ 2.3L HSC	PCM	FLASH	√	√	√	√			
	TOWN CAR 5.0L	PCM	FLASH	√	√	√	√			
	TRACER 1.6L	PCM	FLASH	√	√	√	√			
	XR4TI 2.3L OHC-TC	PCM	FLASH	√	√	√	√			
	AEROSTAR 3.0L	PCM	FLASH		√	√				
	BRONCO 4.9L	PCM	FLASH		√	√				
	BRONCO 5.0L	PCM	FLASH	√	√	√	√			
	BRONCO II 2.9L	PCM	FLASH	√	√	√	√			
	COUGAR 2.3L OHC-TC	PCM	FLASH	√	√	√	√			
	COUGAR 3.8L	PCM	FLASH	√	√	√	√			
	COUGAR 5.0L	PCM	FLASH	√	√	√	√			

## Usa Ford **V38.00** Diagnostics List (Note:For reference only)

Year	Vehicle	System	Protocol	Functions						
				Sys. Info.	Read code	Clear code	Data stream	Actuation	Special functions	Others
1987	CROWN VICTORIA 5.0L	PCM	FLASH	√	√	√	√			
	E SERIES 4.9L	PCM	FLASH	√	√	√	√			
	E SERIES 5.0L	PCM	FLASH	√	√	√	√			
	E SERIES 7.5L	PCM	FLASH	√	√	√	√			
	ESCORT 1.9L	PCM	FLASH	√	√	√	√			
		ABS	FLASH	√	√	√	√	√		
	ESCORT 1.9L H0	PCM	FLASH	√	√	√	√			
	EXP 1.9L	PCM	FLASH	√	√	√	√			
	EXP 1.9L H0	PCM	FLASH	√	√	√	√			
	F SERIES 4.9L	PCM	FLASH	√	√	√	√			
	F SERIES 5.0L	PCM	FLASH	√	√	√	√			
	F SERIES 7.5L	PCM	FLASH		√	√				
	GRAND MARQUIS 5.0L	PCM	FLASH	√	√	√	√			
	LYNX 1.9L	PCM	FLASH	√	√	√	√			
	LYNX 1.9L H0	PCM	FLASH	√	√	√	√			
	MARK VII 5.0L	PCM	FLASH	√	√	√	√			
	MUSTANG 2.3L OHC	PCM	FLASH	√	√	√	√			
	MUSTANG 5.0L	PCM	FLASH	√	√	√	√			
	RANGER 2.3L OHC	PCM	FLASH	√	√	√	√			
	RANGER 2.9L	PCM	FLASH	√	√	√	√			
SABLE 3.0L	PCM	FLASH	√	√	√	√				
SCORPIO 2.9L	PCM	FLASH	√	√	√	√				
TAURUS 2.5L	PCM	FLASH	√	√	√	√				

## Usa Ford **V38.00** Diagnostics List (Note:For reference only)

Year	Vehicle	System	Protocol	Functions						
				Sys. Info.	Read code	Clear code	Data stream	Actuation	Special functions	Others
	TAURUS 3.0L	PCM	FLASH	√	√	√	√			
	TEMPO 2.3L HSC	PCM	FLASH	√	√	√	√			
	THUNDERBIRD 2.3L OHC TC	PCM	FLASH	√	√	√	√			
	THUNDERBIRD 3.8L	PCM	FLASH	√	√	√	√			
	THUNDERBIRD 5.0L	PCM	FLASH	√	√	√	√			
	TOPAZ 2.3L HSC	PCM	FLASH	√	√	√	√			
	TOWN CAR 5.0L	PCM	FLASH	√	√	√	√			
	XR4TI 2.3L OHC-TC	PCM	FLASH	√	√	√	√			
	AEROSTAR 2.3L OHC	PCM	FLASH		√	√				
	AEROSTAR 2.8L	PCM	FLASH		√	√				
	AEROSTAR 3.0L	PCM	FLASH		√	√				
	BRONCO 4.9L	PCM	FLASH		√	√				
	BRONCO 5.0L	PCM	FLASH	√	√	√	√			
	BRONCO II 2.3L OHC	PCM	FLASH	√	√	√	√			
	BRONCO II 2.8L	PCM	FLASH	√	√	√	√			
	BRONCO II 2.9L	PCM	FLASH	√	√	√	√			
	CAPRI 2.3L OHC	PCM	FLASH	√	√	√	√			
	CAPRI 3.8L	PCM	FLASH	√	√	√	√			
	CAPRI 5.0L	PCM	FLASH	√	√	√	√			
	CONTINENTAL 5.0L	PCM	FLASH	√	√	√	√			
	COUGAR 2.3L OHC-TC	PCM	FLASH	√	√	√	√			
	COUGAR 3.8L	PCM	FLASH	√	√	√	√			
	COUGAR 5.0L	PCM	FLASH	√	√	√	√			



## Usa Ford **V38.00** Diagnostics List (Note:For reference only)

Year	Vehicle	System	Protocol	Functions						
				Sys. Info.	Read code	Clear code	Data stream	Actuation	Special functions	Others
1986	CROWN VICTORIA 5.0L	PCM	FLASH	√	√	√	√			
	E SERIES 4.9L	PCM	FLASH	√	√	√	√			
	E SERIES 5.0L	PCM	FLASH	√	√	√	√			
	ESCORT 1.9L H0	PCM	FLASH	√	√	√	√			
	EXP 1.9L H0	PCM	FLASH	√	√	√	√			
	F SERIES 4.9L	PCM	FLASH	√	√	√	√			
	F SERIES 5.0L	PCM	FLASH	√	√	√	√			
	GRAND MARQUIS 5.0L	PCM	FLASH	√	√	√	√			
	LTD 2.3L OHC	PCM	FLASH	√	√	√	√			
	LTD 3.8L	PCM	FLASH	√	√	√	√			
	LYNX 1.9L H0	PCM	FLASH	√	√	√	√			
	MARK VII 5.0L	PCM	FLASH	√	√	√	√			
	MARQUIS 2.3L OHC	PCM	FLASH	√	√	√	√			
	MARQUIS 3.8L	PCM	FLASH	√	√	√	√			
	MUSTANG 2.3L OHC	PCM	FLASH	√	√	√	√			
	MUSTANG 2.3L OHC-TC	PCM	FLASH	√	√	√	√			
	MUSTANG 3.8L	PCM	FLASH	√	√	√	√			
	MUSTANG 5.0L	PCM	FLASH	√	√	√	√			
	RANGER 2.3L OHC	PCM	FLASH	√	√	√	√			
	RANGER 2.9L	PCM	FLASH	√	√	√	√			
SABLE 3.0L	PCM	FLASH	√	√	√	√				
TAURUS 2.5L	PCM	FLASH	√	√	√	√				
TAURUS 3.0L	PCM	FLASH	√	√	√	√				

## Usa Ford **V38.00** Diagnostics List (Note:For reference only)

Year	Vehicle	System	Protocol	Functions						
				Sys. Info.	Read code	Clear code	Data stream	Actuation	Special functions	Others
	TEMPO 2.3L HSC	PCM	FLASH	√	√	√	√			
	TEMPO 2.3L HSC+	PCM	FLASH	√	√	√	√			
	THUNDERBIRD 2.3L OHC TC	PCM	FLASH	√	√	√	√			
	THUNDERBIRD 3.8L	PCM	FLASH	√	√	√	√			
	THUNDERBIRD 5.0L	PCM	FLASH	√	√	√	√			
	TOPAZ 2.3L HSC	PCM	FLASH	√	√	√	√			
	TOPAZ 2.3L HSC+	PCM	FLASH	√	√	√	√			
	TOWN CAR 5.0L	PCM	FLASH	√	√	√	√			
XR4TI 2.3L OHC-TC	PCM	FLASH	√	√	√	√				
1985	1.6L EFL	PCM	FLASH		√	√				
	1.6L EFL TC	PCM	FLASH		√	√				
	2.3L EFI	PCM	FLASH		√	√				
	2.3L EFL TC	PCM	FLASH		√	√				
	2.3L HSC	PCM	FLASH		√	√				
	2.3L OHC	PCM	FLASH		√	√				
	2.8L FBC	PCM	FLASH		√	√				
	3.8L CFI	PCM	FLASH		√	√				
	4.9L FBC	PCM	FLASH		√	√				
	5.0L CFI	PCM	FLASH		√	√				
	5.0L EFI	PCM	FLASH		√	√				
	5.0L FBC	PCM	FLASH		√	√				
5.8L FBC	PCM	FLASH		√	√					
	1.6L EFL	PCM	FLASH		√	√				

## Usa Ford **V38.00** Diagnostics List (Note:For reference only)

Year	Vehicle	System	Protocol	Functions						
				Sys. Info.	Read code	Clear code	Data stream	Actuation	Special functions	Others
1984	1.6L EFL TC	PCM	FLASH		√	√				
	2.3L EFL TC	PCM	FLASH		√	√				
	2.3L HSC	PCM	FLASH		√	√				
	2.3L OHC	PCM	FLASH		√	√				
	2.8L FBC	PCM	FLASH		√	√				
	3.8L CFI	PCM	FLASH		√	√				
	4.9L FBC	PCM	FLASH		√	√				
	5.0L CFI	PCM	FLASH		√	√				
	5.0L FBC	PCM	FLASH		√	√				
	5.8L FBC	PCM	FLASH		√	√				

## Usa Ford **V38.00** Diagnostics List (Note:For reference only)

Year	Vehicle	System	Protocol	Functions							
				Sys. Info.	Read code	Clear code	Data stream	Actuation	Special functions	Others	
<p>S1:ENTER SECURITY ACCESS</p> <p>S2:SERVICE BLEED FUNCTION</p> <p>S3:Programmable module installation</p> <p>S4:SYSTEM RESET</p> <p>S5:MODULE OPTION CONTENT</p> <p>S6:KEY FOB PROGRAMMING</p> <p>S7:CUSTOMER PREFERENCE ITEMS</p> <p>S8:EATC PRESENT</p> <p>S9:AIRBAG CONFIGURATION</p> <p>S10:MANUFACTURER OPTIONS</p> <p>S11:UNLIMITED TRANSPONDER KEY ID</p> <p>S12:AUDIO CONFIGURE</p> <p>S13:MODULE CONFIGURATION</p> <p>S14:RESC CONFIGUR</p> <p>S15:Anti-theft configure</p> <p>S16:FUEL TANK SIZE</p> <p>S17:Power Balance</p> <p>S18:Passenger Seat Weight Sensor ReZero</p> <p>(*):Tested;</p> <p>(?):Manual on website(<a href="http://www.x431.com">www.x431.com</a>)</p> <p>Note:All description rights reserved by LAUNCH TECH.CO.,LTD</p>											

CONNECTOR	X431	DIAGUN
SMART OBD	Use for the cars of 16-PIN Diagnostic socket except can bus protocol	N/A
FORD 6+1	Use for the cars of 6+1-PIN Diagnostic socket	N/A
OBD 16C	Use for the cars of 16-PIN Diagnostic socket except can bus protocol	N/A
CANBUS II	Use for the cars of 16-PIN Diagnostic socket	N/A
diagun connector	N/A	Use for the cars of 16-PIN Diagnostic socket
SUPER 16	Use for the cars of 16-PIN Diagnostic socket	N/A