

SPRINTER V20.00 Diagnostics List (Note: For reference on

Menu		F				
Model	System	Sys. Info.	Read code	Clear code	Data stream	Actuation
901.6 902.6 903.6 904.6 905.6 690.6	EWM electronic selector lever module	✓	✓	✓	✓	
	EGS electronic transmission control	✓	✓	✓	✓	
	EDW 2 anti-theft alarm	✓	✓	✓	✓	
	HZR heating control	✓	✓	✓	✓	
	ZV central locking system	✓	✓	✓	✓	
	ZHE auxiliary heater	✓	✓	✓	✓	
	ZHE-L auxiliary heater warm air	✓	✓	✓	✓	
	SSG Sprintshift transmission	✓	✓	✓	✓	
	RFH backup assist	✓	✓	✓	✓	
	ARS All-wheel system	✓	✓	✓	✓	
	ME-Motor electronics	✓	✓	✓	✓	
	CR-common rail	✓	✓	✓	✓	
	KI-Instrument cluster	✓	✓	✓	✓	
	WSP-Immobilizer	✓	✓	✓	✓	
ABW-Airbag with widow bag	✓	✓	✓			

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Model	System	Sys. Info.	Read code	Clear code	Data stream	Actuation
	ABS-Anti-lock braking system	√	√	√	√	
	AB-Airbag	√	√	√		
	ERE、 EVE、 ASF	√	√	√		
	ABS-Anti-lock braking system	√	√	√		
	AB-Airbag	√	√	√		
901.0/3/4,902.0/3/4, 903.0/3/4,904.0/3/4	CDI4_906	√	√	√	√	√
	CDI3_906	√	√	√	√	√
	CDID2_906	√	√	√	√	√

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	SRS_906	√	√	√	√	√
	SRS-L_906	√	√	√	√	√
	KI_906	√	√	√	√	√
	TSG_906	√	√	√	√	√
	KLA_906	√	√	√	√	√
	PTC_906	√	√	√	√	√
	ZHE_906	√	√	√	√	√
	PTS_906	√	√	√	√	√
	VG_906	√	√	√	√	
	ME_906	√	√	√	√	
	STL_906	√	√	√	√	√
	STR_906	√	√	√	√	√
	FSCU_906	√	√	√	√	√
	RDK(As of 2011)_906	√	√	√	√	√
	RDK(Up to 2010)_906	√	√	√	√	√
	KE_906	√	√	√	√	√
	ASG_906	√	√	√	√	√
	PSM_906	√	√	√	√	
	CDI-Common Rail Diesel Injection	√	√	√	√	

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Model	System	Sys. Info.	Read code	Clear code	Data stream	Actuation	
Vaneo	Drive	ECM-Engine Control module	√	√	√	√	√
		ACS-Automatic clutch system	√	√	√	√	
		FTC-Front transmission control	√	√	√	√	
		ESM-Electronic selector module	√	√	√	√	
	Chassis	ESP-Electronic stability program	√	√	√	√	√
	Body	AB-Airbag	√	√	√	√	
		ATA - Anti-theft alarm system	√	√	√	√	√
		DAS-Drive authorization system	√	√	√	√	
	Information and communication	IC-Instrument cluster	√	√	√	√	√
		PTS-Parktronic system	√	√	√		
	Air conditioning	STH - Stationary heater	√	√	√	√	
	Vito/V - Class (OBDII)	ME2	√	√	√	√	
V6		√	√	√	√		
AGN		√	√	√	√		
CDI		√	√	√	√		
WSP		√			√		
KR		√	√	√	√	√	
HZR		√	√	√	√	√	

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Model	System	Sys. Info.	Read code	Clear code	Data stream	Actuation	
Vito/V-class Model designation 638	ZHZ	√	√	√	√		
	ABS	√	√	√	√		
	AB	√	√	√	√		
	APS	√	√	√	√		
	KI	√	√	√	√	√	
	Vito/V - Class (38PIN)	ME2	√	√	√	√	
		V6	√	√	√	√	
		AGN	√	√	√	√	
		CDI	√	√	√	√	
		WSP	√	√	√	√	
		KR	√	√	√	√	√
		HZR	√	√	√	√	√
		ZHZ	√	√	√	√	
		ABS	√	√	√	√	
		AB	√	√	√	√	
		APS	√	√	√	√	
		ERE、EVE、ASF	√	√	√	√	
		KI	√	√	√	√	√

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Model	System	Sys. Info.	Read code	Clear code	Data stream	Actuation
	CDI3-4 Cylinder	√	√	√	√	√
	CDI4-4 Cylinder	√	√	√	√	√

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Model	System	Sys. Info.	Read code	Clear code	Data stream	Actuation
	CDI4-6 Cylinder	√	√	√	√	√
	ETC-Electronic transmission control	√	√	√	√	√
	ME-SFI - Motor electronics	√	√	√	√	
	ESP-Electronic stability program	√	√	√	√	
	EIS-Electronic ignition switch	√	√	√	√	
	UCP-Upper control panel	√	√	√	√	√

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Menu		F				
Model	System	Sys. Info.	Read code	Clear code	Data stream	Actuation
	SAM-Signal acquisition and actuation module	√	√	√	√	
	SRS-Supplemental restraint system	√	√	√	√	
	IC-Instrument cluster	√	√	√	√	√

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Menu		F				
Model	System	Sys. Info.	Read code	Clear code	Data stream	Actuation
VITO/VIANO (OBDII)	ESA passenger- Electric seat adjustment passenger	√	√	√	√	√
	ESA driver- Electric seat adjustment driver	√	√	√	√	√

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Menu		F				
Model	System	Sys. Info.	Read code	Clear code	Data stream	Actuation
Vito/VIANO Model designation 639 (OBDII)	ESD [STE]-L -Left electric sliding door	√	√	√	√	√
	ESD [STE]-R -Right electric sliding door	√	√	√	√	√
	SDE-H - Rear sliding/tilting sunroof unit	√	√	√	√	√
	TPC-Tire pressure monitor	√	√	√	√	√
	OCP-Overhead control panel	√	√	√	√	√
	DCM-FL - Door control module front left	√	√	√	√	√

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Model	System	Sys. Info.	Read code	Clear code	Data stream	Actuation
	DCM-FR - Door control module front right	√	√	√	√	√
	PTS-Parktronic system	√	√	√	√	√
	ENR - Electronic level control	√	√	√	√	√
	ESM-Electronic selector module	√	√	√	√	√
	AAG Trailer connection unit	√	√	√	√	√
	PTC - Electric heater control	√	√	√	√	
	REAR AC-Rear air conditioning/Rear heater	√	√	√	√	√
	AAC-Automatic air condition/automatic temperature control/heating-	√	√	√	√	√
	CDI-Common Rail	√	√	√	√	√

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Menu		F				
Model	System	Sys. Info.	Read code	Clear code	Data stream	Actuation
	ME-SFI-Motor electronics	√	√	√	√	
	ETC-Electronic transmission control	√	√	√	√	√
	ESP-Electronic stability program	√	√	√	√	√
	TPC-Tire pressure monitor	√	√	√	√	√
	EIS - Electronic ignition switch	√	√	√	√	
	UCP-Upper control panel	√	√	√	√	√
	SAM - Signal acquisition and actuation module	√	√	√	√	√
	SRS - Supplemental restraint system	√	√	√	√	√
	IC - Instrument cluster	√	√	√	√	√
	COMMANDED	√	√	√		
	PTS-Parktronic system	√	√	√	√	√
	DCM-FL - Door control module front left	√	√	√	√	√
	DCM-FR - Door control module front right	√	√	√	√	√

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Menu		F				
Model	System	Sys. Info.	Read code	Clear code	Data stream	Actuation
VITO/VIANO (CAN BUSII)	AAC-Automatic air condition/automatic temperature control/heating-	√	√	√	√	√
	PTC - Electric heater control	√	√	√	√	
	ENR - Electronic level control	√	√	√	√	√
	SDE-H - Rear sliding/tilting sunroof	√	√	√	√	√
	ESA passenger- Electric seat adjustment passenger	√	√	√	√	√
	ESA driver- Electric seat adjustment driver	√	√	√	√	√
	ESD [STE]-L -Left electric sliding door	√	√	√	√	√
	STH-Stationary heater/Heater booster	√	√	√	√	√
	PSM Parameterizable special module	√	√	√	√	
	AAG Trailer connection unit	√	√	√	√	√
LWR Headlamp range adjustment	√	√	√	√	√	

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Menu		F					
Model	System	Sys. Info.	Read code	Clear code	Data stream	Actuation	
	ESD [STE]-R -Right electric sliding door	√	√	√	√	√	
Sprinter (USA)(UP to 2000)	PCM - Power Control Module	√	√	√			
	TCM - Transmission Control Module	√	√	√			
	ABS - Anti-lock Braking System	√	√	√			
	FCM - Front Control Module	√	√	√			
	WCM - Wireless Control Module	√	√	√			
	OCM - Occupant Classification Module	√	√	√			
	ORC - Occupant Restraint Controller	√	√	√			
	CCN - Cabin Compartment Node	√	√	√			
	DDM - Driver Door Module	√	√	√			
	HVAC - Heat Ventilation & A/C	√	√	√			

(*):Tested

(?):Manual on website(www.x431.com)

Note:The final interpretation of the products belongs to LAUNCH TECH CO.LTD

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Functions

Special Functions	Others
4.Learn clutch	
	Learning process for clutch closing point
	Learning process for clutch grip point
	Learning process for clutch transmission index
1.ASSYST Active Service System	
1.Learn transponder key	Learn additional transponder key
	Erase all the transponder keys and relearn the current one

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Functions

Special Functions	Others
1.Tire size 2.Initialization after component replacement 3.Diesel particulate filter	
1.Tire size 2.Adjustment of injector injection quantities 3.Limit values Working speed control	
1.Initialization after component replacement 2.Diesel particulate filter 3.Zero quantity calibration 4.Control module programming: Reset adaptation data.	

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Functions

Special Functions	Others
1.Adjustment of injector injection quantities 2.Initialization after component replacement 3.Diesel particulate filter	
1.Adjustment of injector injection quantities 2.Regeneration of diesel particulate filter when driving	
1.resetting of adaptation data	
	1.Initial startup
1.Adaptations in other control units	
1.Coding display	1.Initial startup
1.Teach in component Rain/light sensor.	
1.Calibrate control unit LWR	
	1.Initial startup
	1.Initial startup
	1.Initial startup
	1.Initial startup

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Functions

Special Functions	Others
1.Interlock control module	
1.Interlock control module	
1.Reset of maintenance interval display(Oil change)	
	1.Initial startup
√	
	1.Initial startup
	1.Initial startup
1.Customer-specific settings	
1.Write wheel electronics identification number.	
	1.Initial startup with automatic takeover of settings of previous
	1.Initial startup
1.Learning process for clutch grip point 2.Teach-in of transmission	

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Functions

Special Functions	Others
1.Oil change	
1.Oil change	

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Functions

Special Functions	Others
1.Readign coding and change if necessary. 2.Adjustment of injector injection quantities/ Injector shutoff 3.Tire circumference parameter 4. Maximum vehicle speed limit 5. Externsion of run-on time	
1.Maximum vehicle speed limit 2.Circumference of tires 3.Adjustment of injector injection quantities 4.Initialization of system 'Air filter' 5.Initialization of system 'Air intake, turbocharging'	

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Functions

Special Functions	Others
1.Maximum vehicle speed limit 2.Circumference of tires 3.Adjustment of injector injection quantities 4.Initialization of system 'Air filter' 5.Initialization of system 'Air intake, turbocharging' 6.Initialization of system 'Diesel particulate filter' 7.Teach in used diesel particulate filter. 8.Regeneration of diesel particulate filter when	
1. Control unit replacement 2.Read coding and change if necessary	

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Functions

Special Functions	Others
1.Coding. 2.Personalizing. 3.Read coding and change if necessary. 4.ASSYST settings 5.Learning to the dirve authorization system 6.Setting main odometer forward and back 7.Perform oil change	

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Functions

Special Functions	Others
1.Read coding and change if necessary. 2.Normalizing of forward/back adjustment 3.Normalizing of height adjustment at front 4.Normalizing of height adjustment at rear 5.Normalizing of head restraint adjustment 6.Normalizing of backrest adjustment	
1.Read coding and change if necessary. 2.Normalizing of forward/back adjustment 3.Normalizing of height adjustment at front 4.Normalizing of height adjustment at rear 5.Normalizing of head restraint adjustment 6.Normalizing of backrest adjustment	

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Functions

Special Functions	Others
1.Detection of sliding movement 2.Denormalization	
1.Detection of sliding movement 2.Denormalization	
1.Normalizing routine / Learning process 2.Adapt obstruction protection. 3.Coding of sliding/tilting roof function of 'automatic operation'	
1.Normalizing routine / Learning process 2. Initialization of system 'EDW anti-theft alarm'	
1、Parameterization of N69/1 (Left front door control unit (DCM-LF [TSG-VL])) Power window	

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Functions

Special Functions	Others
1 、 Parameterization of N69/2 (Right front door control unit (DCM-RF [TSG-VR])) Power window	
1.Control unit replacement 2. Read coding and change if necessary	
1.Replace control module. (Only the calibration data are transferred.) 2. Level calibration	
1.Perform normalizing of component A32/2m3 (Rear blending air flap actuator motor)	
1.Normalizing of positioning motors	
√	

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Functions

Special Functions	Others
√	
√	
√	
1. Control unit replacement 2. Read coding and change if necessary	
√	
√	
1. Control unit replacement 2. Read coding and change if necessary	
1 、 Parameterization of N69/1 (Left front door control unit (DCM-LF [TSG-VL])) Power window	
1 、 Parameterization of N69/2 (Right front door control unit (DCM-RF [TSG-VR])) Power window	

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Functions

Special Functions	Others
1. Normalizing of positioning motors	
1. Replace control module. (Only the calibration data are transferred.)	
1. Read coding and change if necessary. 2. Normalizing of forward/back adjustment	
1. Read coding and change if necessary. 2. Normalizing of forward/back adjustment	
1. Detection of sliding movement 2. Denormalization	
1. Calibrate control unit LWR	

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Functions

Special Functions	Others
1. Detection of sliding movement 2. Denormalization	