

RENAULT TRUCKS V11.43 Diagnostics List (Note: For reference only)

Vehicle	System		Functions					
			Sys. Info.	Read code	Clear code	Data stream	Actuation	Special functions
G	BRAKE POWER SUPORT	Voith VERA R115E	✓	✓	✓	✓	✓	
	SUSPENSIONS	Airtronic	✓	✓	✓	✓		
		Airtronic 020/027 (4x2) FP	✓	✓	✓	✓		
		Airtronic 020/027 (4x2) P	✓	✓	✓	✓		
		Airtronic 4x2	✓	✓	✓	✓		
Kerax	A/T	Carrossier	✓	✓	✓	✓		
	ABS	Wabco D	✓	✓	✓	✓	✓	
	BRAKE POWER SUPORT	Voith VERA R115E	✓	✓	✓	✓	✓	
		ZF Intarder	✓	✓	✓	✓		
		ZF Intarder v1.50	✓	✓	✓		✓	
		Telma	✓	✓			✓	
	DIESEL INJECTION	220 Bosch DCI Euro 2	✓	✓	✓	✓		
			✓	✓	✓	✓	✓	
		270 Bosch DCI Euro 2	✓	✓	✓	✓		
			✓	✓	✓	✓	✓	
		320 Bosch DCI Euro 2	✓	✓	✓	✓		
			✓	✓	✓	✓	✓	
		370 Bosch DCI Euro 2	✓	✓	✓	✓		
			✓	✓	✓	✓	✓	
		420 Bosch DCI Euro 2	✓	✓	✓	✓		
			✓	✓	✓	✓	✓	
	EBS	Knorr EBS	✓	✓	✓	✓	✓	
	ENGINE-VEHICLE ADJUSTMENT	Vehicle-engine ECU	✓	✓	✓	✓		
	INSTRUMENTS	Display	✓	✓	✓	✓		

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Vehicle	System		Functions					
			Sys. Info.	Read code	Clear code	Data stream	Actuation	Special functions
	INSTRUMENTS	Euro 3 instrument panel	✓	✓	✓	✓		
	CAB AND AIR CONDITIONER	GATEWAY	✓	✓	✓			parameter setting
		Dmax	✓			✓		Maintenance
		Alarme	✓	✓	✓	✓	✓	
		D1LCC/D3LCC	✓	✓	✓	✓	✓	
Kerax DXI Euro 3	SEARCH FOR INSTALLED SYSYTERMS	Global search	✓					
	ABS	Knorr ABS Wheel anti-lock system	✓	✓	✓	✓		
	BRAKE POWER SUPORT	Retarder	✓	✓	✓	✓		Solenoid valves test
		ZF Intarder	✓	✓	✓	✓		
	DIESEL INJECTION	EDC UIS/PDE	✓	✓	✓	✓		
	EBS	Knorr EBS brake control	✓	✓	✓	✓		
		Knorr EBS 3	✓	✓	✓	✓		
	ENGINE-VEHICLE ADJUSTMENT	Vehicle-engine ECU (1)	✓	✓	✓	✓		
		Vehicle-engine ECU (2)	✓	✓	✓	✓		
	HEADLIGHT ADJUSTMENT	External lamp control unit	✓	✓	✓	✓		
	IMMOBILIZER		✓	✓	✓	✓		
	INSTRUMENTS	Central module	✓	✓	✓	✓		
	MULTI-FUNTION DISPLAY	Driver info display (1)	✓	✓	✓	✓		
		Driver info display (2)	✓	✓	✓	✓		
		Driver info display (3)	✓	✓	✓	✓		
	SUSPENSIONS	Knorr	✓	✓	✓	✓		
	Compressed air reserve system	APM/EAC	✓	✓	✓	✓		

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Vehicle	System		Functions					
			Sys. Info.	Read code	Clear code	Data stream	Actuation	Special functions
	TRANSPORT INFORMATION SYSTEM	Transport information system	✓	✓	✓	✓		
Kerax DXI Euro 4/5	SEARCH FOR INSTALLED SYSYTERMS	Global search	✓					
	ABS	Knorr ABS Wheel anti-lock system	✓	✓	✓	✓		
	BRAKE POWER SUPORT	Retarder	✓	✓	✓	✓		Solenoid valves test
		ZF Intarder	✓	✓	✓	✓		
	DIESEL INJECTION	EDC UIS/PDE	✓	✓	✓	✓		
		AdBlue	✓	✓	✓			
	EBS	Knorr EBS brake control	✓	✓	✓	✓		
		Knorr EBS 3	✓	✓	✓	✓		
	ENGINE-VEHICLE ADJUSTMENT	Vehicle-engine ECU (1)	✓	✓	✓	✓		
		Vehicle-engine ECU (2)	✓	✓	✓	✓		
	HEADLIGHT ADJUSTMENT	External lamp control unit	✓	✓	✓	✓		
	IMMOBILIZER		✓	✓	✓	✓		
	INSTRUMENTS	Central module	✓	✓	✓	✓		
	MULTI-FUNTION DISPLAY	Driver info display (1)	✓	✓	✓	✓		
		Driver info display (2)	✓	✓	✓	✓		
		Driver info display (3)	✓	✓	✓	✓		
	SUSPENSIONS	Knorr	✓	✓	✓	✓		
	A/T	I-SHIFT	✓	✓	✓	✓		Gear selection
	Compressed air reserve system	APM/EAC	✓	✓	✓	✓		
	TRANSPORT INFORMATION SYSTEM	Transport information system	✓	✓	✓	✓		
	A/T	ZF AS-Tronic	✓	✓	✓	✓		
		Carrossier	✓	✓	✓	✓		

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Vehicle	System		Functions							
			Sys. Info.	Read code	Clear code	Data stream	Actua tion	Special functions		
Magnum	ABS		Bosch I8	✓	✓	✓	✓			
			Bosch-knorr E24/EU12	✓	✓	✓	✓	✓		
			Wabco D	✓	✓	✓	✓	✓		
	BRAKE POWER SUPORT		Voith VERA R115E	✓	✓	✓	✓	✓		
			ZF Intarder	✓	✓	✓	✓			
			ZF Intarder v1.50	✓	✓	✓		✓		
			Telma	✓	✓			✓		
	DIESEL INJECTION	400		E-TECH Euro 2	✓	✓	✓	✓		
				E-TECH Euro 3	✓	✓	✓	✓		
		440		E-TECH Euro 2	✓	✓	✓	✓		
				E-TECH Euro 3	✓	✓	✓	✓		
		480		E-TECH Euro 2	✓	✓	✓	✓		
				E-TECH Euro 3	✓	✓	✓	✓		
	EBS			knorr EBS	✓	✓	✓	✓	✓	
	ENGINE-VEHICLE ADJUSTMENT			Vehicle-engine ECU	✓	✓	✓	✓		
	INSTRUMENTS			Display	✓	✓	✓	✓		
				Euro 3 instrument panel	✓	✓	✓	✓		
	SUSPENSIONS			Airtronic	✓	✓	✓	✓		
				Airtronic 020/027 (4x2) FP	✓	✓	✓	✓		
				Airtronic 020/027 (4x2) P	✓	✓	✓	✓		
				Airtronic 044/403 (6x2) FP	✓	✓	✓	✓		
				Airtronic 044/403 (6x2) P	✓	✓	✓	✓		
				Airtronic 4x2	✓	✓	✓	✓		
				Airtronic R3XX	✓	✓	✓	✓	✓	

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Vehicle	System		Functions					
			Sys. Info.	Read code	Clear code	Data stream	Actuation	Special functions
	CAB AND AIR CONDITIONER	GATEWAY	✓	✓	✓			parameter setting
		Dmax	✓			✓		Maintenance
		Alarme	✓	✓	✓	✓	✓	
		D1LCC/D3LCC	✓	✓	✓	✓	✓	
Magnum DXI Euro 3	SEARCH FOR INSTALLED SYSYTERMS	Global search	✓					
	ABS	Knorr ABS Wheel anti-lock system	✓	✓	✓	✓		
	BRAKE POWER SUPORT	Retarder	✓	✓	✓	✓		Solenoid valves test
		ZF Intarder	✓	✓	✓	✓		
	DIESEL INJECTION	EDC UIS/PDE	✓	✓	✓	✓		
	EBS	Knorr EBS brake control	✓	✓	✓	✓		
		Knorr EBS 3	✓	✓	✓	✓		
	ENGINE-VEHICLE ADJUSTMENT	Vehicle-engine ECU (1)	✓	✓	✓	✓		
		Vehicle-engine ECU (2)	✓	✓	✓	✓		
	HEADLIGHT ADJUSTMENT	External lamp control unit	✓	✓	✓	✓		
	INSTRUMENTS	Central module	✓	✓	✓	✓		
	MULTI-FUNTION DISPLAY	Driver info display (1)	✓	✓	✓	✓		
		Driver info display (2)	✓	✓	✓	✓		
		Driver info display (3)	✓	✓	✓	✓		
	Compressed air reserve system	APM/EAC	✓	✓	✓	✓		
	SUSPENSIONS	Knorr	✓	✓	✓	✓		
	SEARCH FOR INSTALLED SYSYTERMS	Global search	✓					
	ABS	Knorr ABS Wheel anti-lock system	✓	✓	✓	✓		

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Vehicle	System		Functions					
			Sys. Info.	Read code	Clear code	Data stream	Actuation	Special functions
Magnum DXI Euro 4/5	BRAKE POWER SUPORT	Retarder	✓	✓	✓	✓		Solenoid valves test
		ZF Intarder	✓	✓	✓	✓		
	DIESEL INJECTION	EDC UIS/PDE	✓	✓	✓	✓		
		AdBlue	✓	✓	✓			
	EBS	Knorr EBS brake control	✓	✓	✓	✓		
		Knorr EBS 3	✓	✓	✓	✓		
	ENGINE-VEHICLE ADJUSTMENT	Vehicle-engine ECU (1)	✓	✓	✓	✓		
		Vehicle-engine ECU (2)	✓	✓	✓	✓		
	HEADLIGHT ADJUSTMENT	External lamp control unit	✓	✓	✓	✓		
	INSTRUMENTS	Central module	✓	✓	✓	✓		
	MULTI-FUNTION DISPLAY	Driver info display (1)	✓	✓	✓	✓		
		Driver info display (2)	✓	✓	✓	✓		
		Driver info display (3)	✓	✓	✓	✓		
	A/T	I-SHIFT	✓	✓	✓	✓		Gear selection
	Compressed air reserve system	APM/EAC	✓	✓	✓	✓		
	SUSPENSIONS	Knorr	✓	✓	✓	✓		
Maxter	BRAKE POWER SUPORT	Voith VERA R115E	✓	✓	✓	✓	✓	
Midiner M	ABS	Bosch I8	✓	✓	✓	✓		
	BRAKE POWER SUPORT	Voith VERA R115E	✓	✓	✓	✓	✓	
	SUSPENSIONS	Airtronic	✓	✓	✓	✓		
		Airtronic 020/027 (4x2) FP	✓	✓	✓	✓		
		Airtronic 020/027 (4x2) P	✓	✓	✓	✓		
		Airtronic 4x2	✓	✓	✓	✓		

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Vehicle	System		Functions					
			Sys. Info.	Read code	Clear code	Data stream	Actuation	Special functions
Midliner S	BRAKE POWER SUPORT	Voith VERA R115E	✓	✓	✓	✓	✓	
Midlum	A/T	Carrossier	✓	✓	✓	✓		
	ABS	Bosch-knorr E24/EU12	✓	✓	✓	✓	✓	
		Wabco D 4S/3M	✓	✓	✓	✓		
		Wabco D 4S/4M	✓	✓	✓	✓		
	BRAKE POWER SUPORT	Voith VERA R115E	✓	✓	✓	✓	✓	
	DIESEL INJECTION	150 Bosch DCI Euro 3	✓	✓	✓	✓	✓	
		180 Bosch DCI Euro 3	✓	✓	✓	✓	✓	
		220 Bosch DCI Euro 3	✓	✓	✓	✓	✓	
		270 Bosch DCI Euro 3	✓	✓	✓	✓	✓	
	INSTRUMENTS	Euro 3 instrument panel	✓	✓	✓	✓		
	SUSPENSIONS	Airtronic R3XX	✓	✓	✓	✓	✓	
	CAB AND AIR CONDITIONER	GATEWAY	✓	✓	✓			parameter setting
		Dmax	✓			✓		Maintenance
		Alarme	✓	✓	✓	✓	✓	
		D1LCC/D3LCC	✓	✓	✓	✓	✓	
Midlum	SEARCH FOR INSTALLED SYSYTERMS	Global search	✓					
	ABS	Knorr ABS Wheel anti-lock system	✓	✓	✓	✓		
	DIESEL INJECTION	EDC UIS/PDE	✓	✓	✓	✓		
		AdBlue	✓	✓	✓			
	EBS	Knorr EBS brake control	✓	✓	✓	✓		
		Knorr EBS 3	✓	✓	✓	✓		

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Vehicle	System		Functions					
			Sys. Info.	Read code	Clear code	Data stream	Actuation	Special functions
DXI Euro 4/5	ENGINE-VEHICLE ADJUSTMENT	Vehicle-engine ECU (1)	✓	✓	✓	✓		
		Vehicle-engine ECU (2)	✓	✓	✓	✓		
	HEADLIGHT ADJUSTMENT	External lamp control unit	✓	✓	✓	✓		
	INSTRUMENTS	Central module	✓	✓	✓	✓		
	SUSPENSIONS	Knorr	✓	✓	✓	✓		
	A/T	I-SHIFT	✓	✓	✓	✓		Gear selection
	Compressed air reserve system	APM/EAC	✓	✓	✓	✓		
MAXITY	ABS	ABS	✓			✓		
	BODY COMPUTER	BODY COMPUTER	✓			✓		
	COMFORT SYSTEM	COMFORT SYSTEM				✓		
	DIESEL INJECTION	DIESEL INJECTION	✓			✓		
	A/T	ZF AS-Tronic	✓	✓	✓	✓		
		ZF Astronic II	✓	✓	✓	✓		
		Carrossier	✓	✓	✓	✓		
	ABS	Bosch I8	✓	✓	✓	✓		
		Bosch-knorr E24/EU12	✓	✓	✓	✓	✓	
		Wabco D	✓	✓	✓	✓	✓	
	BRAKE POWER SUPORT	Voith VERA R115E	✓	✓	✓	✓	✓	
		ZF Intarder	✓	✓	✓	✓		
		ZF Intarder v1.50	✓	✓	✓		✓	
		Telma	✓	✓			✓	
		220 Bosch DCI Euro 2	✓	✓	✓	✓		
		Bosch DCI Euro 3	✓	✓	✓	✓	✓	
		270 Bosch DCI Euro 2	✓	✓	✓	✓		

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Vehicle	System		Functions						
			Sys. Info.	Read code	Clear code	Data stream	Actuation	Special functions	
Premium	DIESEL INJECTION	270	Bosch DCI Euro 3	✓	✓	✓	✓	✓	
		320	Bosch DCI Euro 2	✓	✓	✓	✓		
			Bosch DCI Euro 3	✓	✓	✓	✓	✓	
		370	Bosch DCI Euro 2	✓	✓	✓	✓		
			Bosch DCI Euro 3	✓	✓	✓	✓	✓	
		420	Bosch DCI Euro 2	✓	✓	✓	✓		
			Bosch DCI Euro 3	✓	✓	✓	✓	✓	
	EBS		Knorr EBS	✓	✓	✓	✓	✓	
	ENGINE-VEHICLE ADJUSTMENT		Vehicle-engine ECU	✓	✓	✓	✓		
	INSTRUMENTS		Display	✓	✓	✓	✓		
			Euro 3 instrument panel	✓	✓	✓	✓		
	SUSPENSIONS		Airtronic	✓	✓	✓	✓		
			Airtronic 020/027 (4x2) FP	✓	✓	✓	✓		
			Airtronic 020/027 (4x2) P	✓	✓	✓	✓		
			Airtronic 044/403 (6x2) FP	✓	✓	✓	✓		
			Airtronic 044/403 (6x2) P	✓	✓	✓	✓		
			Airtronic 4x2	✓	✓	✓	✓		
			Airtronic R3XX	✓	✓	✓	✓	✓	
	CAB AND AIR CONDITIONER		GATEWAY	✓	✓	✓			parameter setting
			Dmax	✓			✓		Maintenance
			Alarme	✓	✓	✓	✓	✓	
			D1LCC/D3LCC	✓	✓	✓	✓	✓	
				✓					
	SEARCH FOR INSTALLED SYSYTERMS		Global search	✓					

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Vehicle	System		Functions					
			Sys. Info.	Read code	Clear code	Data stream	Actuation	Special functions
Premium DXI Euro 3	ABS	Knorr ABS Wheel anti-lock system	✓	✓	✓	✓		
	BRAKE POWER SUPORT	Retarder	✓	✓	✓	✓		Solenoid valves test
		ZF Intarder	✓	✓	✓	✓		
	DIESEL INJECTION	EDC UIS/PDE	✓	✓	✓	✓		
	EBS	Knorr EBS brake control	✓	✓	✓	✓		
		Knorr EBS 3	✓	✓	✓	✓		
	ENGINE-VEHICLE ADJUSTMENT	Vehicle-engine ECU (1)	✓	✓	✓	✓		
		Vehicle-engine ECU (2)	✓	✓	✓	✓		
	HEADLIGHT ADJUSTMENT	External lamp control unit	✓	✓	✓	✓		
	INSTRUMENTS	Central module	✓	✓	✓	✓		
	MULTI-FUNCTION DISPLAY	Driver info display (1)	✓	✓	✓	✓		
		Driver info display (2)	✓	✓	✓	✓		
		Driver info display (3)	✓	✓	✓	✓		
	SUSPENSIONS	Knorr	✓	✓	✓	✓		
	Compressed air reserve system	APM/EAC	✓	✓	✓	✓		
	TRANSPORT INFORMATION SYSTEM	Transport information system	✓	✓	✓	✓		
	SEARCH FOR INSTALLED SYSYTERMS	Global search	✓					
	ABS	Knorr ABS Wheel anti-lock system	✓	✓	✓	✓		
	BRAKE POWER SUPORT	Retarder	✓	✓	✓	✓		Solenoid valves test
		ZF Intarder	✓	✓	✓	✓		
	DIESEL INJECTION	EDC UIS/PDE	✓	✓	✓	✓		
		AdBlue	✓	✓	✓			
	EBS	Knorr EBS brake control	✓	✓	✓	✓		

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Vehicle	System		Functions					
			Sys. Info.	Read code	Clear code	Data stream	Actuation	Special functions
Premium DXI Euro 4/5	EBS	Knorr EBS 3	✓	✓	✓	✓		
	ENGINE-VEHICLE ADJUSTMENT	Vehicle-engine ECU (1)	✓	✓	✓	✓		
		Vehicle-engine ECU (2)	✓	✓	✓	✓		
	HEADLIGHT ADJUSTMENT	External lamp control unit	✓	✓	✓	✓		
	INSTRUMENTS	Central module	✓	✓	✓	✓		
	MULTI-FUNCTION DISPLAY	Driver info display (1)	✓	✓	✓	✓		
		Driver info display (2)	✓	✓	✓	✓		
		Driver info display (3)	✓	✓	✓	✓		
	SUSPENSIONS	Knorr	✓	✓	✓	✓		
	A/T	I-SHIFT	✓	✓	✓	✓		Gear selection
R	Compressed air reserve system	APM/EAC	✓	✓	✓	✓		
	TRANSPORT INFORMATION SYSTEM	Transport information system	✓	✓	✓	✓		
	BRAKE POWER SUPORT	Voith VERA R115E	✓	✓	✓	✓	✓	
	SUSPENSIONS	Airtronic	✓	✓	✓	✓		
		Airtronic 020/027 (4x2) FP	✓	✓	✓	✓		
		Airtronic 020/027 (4x2) P	✓	✓	✓	✓		
		Airtronic 044/403 (6x2) FP	✓	✓	✓	✓		
		Airtronic 044/403 (6x2) P	✓	✓	✓	✓		
		Airtronic 4x2	✓	✓	✓	✓		

(*):Tested;

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

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Vehicle	System		Functions						
			Sys. Info.	Read code	Clear code	Data stream	Actuation	Special functions	
CONNECTOR		Heavy Duty(980390*****)		Heavy Duty(980391*****)					
SMART OBD II-16H&RENAULT-12		SMART OBD II-16H&RENAULT-12		SMART OBD II-16E&RENAULT-12					
OBD - 6&9 II&RENAULT-12		OBD - 6&9 II&RENAULT-12		SMART OBD II-16E&RENAULT-12					
SMART OBD II-16H		SMART OBD II-16H		SMART OBD II-16E					
OBD - 6&9 II		OBD - 6&9 II		SMART OBD II-16E					

