

RENAULT TRUCKS **V11.20** 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	√	√	√	√		
				Bosch DCI Euro 3	√	√	√	√	√	
			270	Bosch DCI Euro 2	√	√	√	√		
				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	√	√	√	√			
CAB AND AIR CONDITIONER		GATEWAY	√	√	√			parameter setting		
		Dmax	√			√		Maintenance		
		Alarme	√	√	√	√	√			

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			Sys. Info.	Read code	Clear code	Data stream	Actuation	Special functions	
		D1LCC/D3LCC	√	√	√	√	√		
Kerax DXI Euro 3	SEARCH FOR INSTALLED SYSYTERMS	Global search	√						
	ABS	Knorr ABS Wheel anti-lock system	√	√	√	√			
	BRAKE POWER SUPORT	Retarder	√	√	√	√			
		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	√	√	√	√				
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	√	√	√	√			
		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			√	√	√	√		

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Vehicle	System		Functions						
			Sys. Info.	Read code	Clear code	Data stream	Actua tion	Special functions	
	INSTRUMENTS	Central module	√	√	√	√			
	MULTI-FUNTION DISPLAY	Driver info display (1)	√	√	√	√			
		Driver info display (2)	√	√	√	√			
		Driver info display (3)	√	√	√	√			
	SUSPENSIONS	Knorr	√	√	√	√			
	A/T	I-SHIFT	√	√	√	√			
TRANSPORT INFORMATION SYSTEM	Transport information system		√	√	√	√			
Magnum	A/T	ZF AS-Tronic	√	√	√	√			
		Carrossier	√	√	√	√			
	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		√	√	√	√			

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Vehicle	System		Functions					
			Sys. Info.	Read code	Clear code	Data stream	Actuation	Special functions
		Airtronic 044/403 (6x2) P	√	√	√	√		
		Airtronic 4x2	√	√	√	√		
		Airtronic R3XX	√	√	√	√	√	
	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	√	√	√	√		
		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)	√	√	√	√		
SUSPENSIONS	Knorr	√	√	√	√			
	SEARCH FOR INSTALLED SYSYTERMS	Global search	√					
	ABS	Knorr ABS Wheel anti-lock system	√	√	√	√		
	BRAKE POWER SUPORT	Retarder	√	√	√	√		
		ZF Intarder	√	√	√	√		
	DIESEL INJECTION	EDC UIS/PDE	√	√	√	√		
		AdBlue	√	√	√			
	FRC	Knorr EBS brake control	√	√	√	√		

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Vehicle	System		Functions						
			Sys. Info.	Read code	Clear code	Data stream	Actuation	Special functions	
Magnum 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)	√	√	√	√		
	A/T		I-SHIFT	√	√	√	√		
SUSPENSIONS		Knorr	√	√	√	√			
Maxter	BRAKE POWER SUPPORT		Voith VERA R115E	√	√	√	√		
Midiner M	ABS		Bosch I8	√	√	√	√		
	BRAKE POWER SUPPORT		Voith VERA R115E	√	√	√	√		
	SUSPENSIONS		Airtronic	√	√	√	√		
			Airtronic 020/027 (4x2) FP	√	√	√	√		
			Airtronic 020/027 (4x2) P	√	√	√	√		
Airtronic 4x2			√	√	√	√			
Midiner S	BRAKE POWER SUPPORT		Voith VERA R115E	√	√	√	√		
Midlum	A/T		Carrossier	√	√	√	√		
	ABS		Bosch-knorr E24/EU12	√	√	√	√	√	
			Wabco D 4S/3M	√	√	√	√		
			Wabco D 4S/4M	√	√	√	√		
	BRAKE POWER SUPPORT		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	√	√	√	√	√		

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Vehicle	System		Functions					Special functions		
			Sys. Info.	Read code	Clear code	Data stream	Actuation			
Premium	CAB AND AIR CONDITIONER		GATEWAY	√	√	√			parameter setting	
			Dmax	√			√		Maintenance	
			Alarme	√	√	√	√	√		
			D1LCC/D3LCC	√	√	√	√	√		
	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	√	√			√		
	DIESEL INJECTION		220	Bosch DCI Euro 2	√	√	√	√		
Bosch DCI Euro 3				√	√	√	√	√		
270			Bosch DCI Euro 2	√	√	√	√			
			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	√	√	√	√				
		Airtronic	√	√	√	√				

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Vehicle	System		Functions					
			Sys. Info.	Read code	Clear code	Data stream	Actuation	Special functions
	SUSPENSIONS	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		√	√	√	√	√		
Premium DXI Euro 3	SEARCH FOR INSTALLED SYSYTERMS	Global search	√					
	ABS	Knorr ABS Wheel anti-lock system	√	√	√	√		
	BRAKE POWER SUPORT	Retarder	√	√	√	√		
		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)	√	√	√	√		
	SUSPENSIONS	Knorr	√	√	√	√		
TRANSPORT INFORMATION SYSTEM	Transport information system	√	√	√	√			
	SEARCH FOR INSTALLED SYSYTERMS	Global search	√					
	ABS	Knorr ABS Wheel anti-lock system	√	√	√	√		
	BRAKE POWER SUPORT	Retarder	√	√	√	√		

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Vehicle	System		Functions					
			Sys. Info.	Read code	Clear code	Data stream	Actua tion	Special functions
Premium DXI Euro 4/5	BRAKE POWER SUPORT	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)	√	√	√	√		
	SUSPENSIONS	Knorr	√	√	√	√		
A/T	I-SHIFT	√	√	√	√			
TRANSPORT INFORMATION SYSTEM	Transport information system	√	√	√	√			
R	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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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

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		Sys. Info.	Read code	Clear code	Data stream	Actuation	Special functions
SMART OBD II-16H	SMART OBD II-16H	SMART OBD II-16E					
OBD - 6&9 II	OBD - 6&9 II	SMART OBD II-16E					