

## LandRover **V30.00** Diagnostics List (Note:For reference only)

Menu		Functions							
		Sys. Info.	Read code	Clear code	Data Stream	Actuation	Special Functions	Others	
<b>FREELANDER</b>	TD4(Engine)	√	√	√	√	√	1.Reset adaptions		
	EMS2000(Engine)	√	√	√	√	√	1.Reset adaptions		
	EDC Diesel(Engine)	√	√	√	√				
	mem3 (2001-2004)(Engine)	√	√	√	√	√	1.Configuration		
	mems1.9(before 2001)(Engine)		√	√	√		1.Configuration		
	Petrol MS43 KV6 (NAS V6)	√	√	√	√	√	1.Reset adaptions		
	Gearbox	√	√	√	√	√			
	ABS (after 2001)		√	√	√				
	ABS (2002-2004)	√	√	√	√	√	1.Configuration		
	ABS (1998-2000)	√	√	√	√	√			
	Airbag (before 2002)	√	√	√					
	Airbag (2002 ONWARDS)	√	√	√					
	Instrument pack(2001-2004)	√	√	√	√				
	Security(1998-2000)	√				√		1.Remote key(PLIP) programming 2.EKA display	
	Security(2001-2004)	√				√		1.Remote key(PLIP) programming 2.EKA display	
	Tail Door	√				√			
	Exterior Lighting	√				√			
Warnings & Sounders	√				√				
Wash Wipe	√				√				

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	Electric Windows	√			√			
	Heated Rear Window	√			√			
	Heated Front Screen	√			√			
<b>Discovery II</b>	petrol m52(Engine)	√	√	√	√	√	1.Reset adaptions	
	Diesel TD5(Engine)	√	√	√	√	√	1.Read/Set Injector Grades	
	Gearbox	√	√	√	√		1.Reset adaptions	
	ABS	√	√	√	√	√	1.Suspension configuration 2.SLS suspension calibration 3.SLS transfer mode set	
	Airbag		√	√				
	Petrol Cruise Control	√	√	√	√			
	Active Cornering Enhancement	√	√	√	√			
	Vehicle Configuration						1.EKA display	
	BCU & Transmission	√			√			
	GAUGES	√			√			
	Heated Screen	√			√			
	Lighting	√			√			
	Power Distribution	√			√			
	Security	√			√			
	Warnings & Sounders	√			√			
	Washers & Wipers	√			√			
Windows & Sunroof	√			√				
	diesel eng (2001--2002)	√	√	√	√			

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		Sys. Info.	Read code	Clear code	Data Stream	Actuation	Special Functions	Others
<b>Range rover(1999-2002)</b>	Petrol eng	√	√	√	√	√	1.Reset adaptions	
	diesel gearbox	√	√	√	√			
	petrol gearbox	√	√	√	√		1.Reset adaptions	
	ABS(1999-2002)	√	√	√	√	√		
	Air bag		√	√				
	Air Conditioning		√	√	√			
	Petrol Cruise Control	√	√	√	√			
<b>Defender</b>	petrol MS4(Engine)	√	√	√	√			
	GEMS NAS(Engine)		√	√	√			
	diesel TD5(Engine)	√	√	√	√	√		
	ABS(1999-2004)	√	√	√	√	√		
	BCU & Transmission	√			√			
	diesel Engine	√	√	√	√	√		
	Petrol Engine	√	√	√	√	√	1.Reset adaptions	
	Gearbox	√	√	√	√	√		
	ABS	√	√	√	√	√	1.Steering column correction	
	Air bag	√	√	√	√			
	Air Suspension	√	√	√	√	√	1.Height recalibration 2.Headlight calibration	
	Instrument Pack	√	√	√	√			
	Air Conditioning	√	√	√	√			
	Parking Aid	√	√	√	√			
	Security	√	√	√	√			

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Menu		Functions						
		Sys. Info.	Read code	Clear code	Data Stream	Actuation	Special Functions	Others
<b>New RangeRover( 2002 Onwards)</b>	Immobilisation	√	√	√	√			
	Power steering	√	√	√	√			
	Wash wipe	√	√	√	√		1.Reset adaptions	
	Window & Sunroof	√	√	√	√			
	Fuel Burning Heater	√	√	√	√			
	Automatic Headlight	√	√	√				
	Interior Lights	√	√	√	√			
	Transfer Box	√	√	√	√			
	Lighting Check Module	√	√	√	√			
	L.H. Xenon Headlight	√	√	√				
	R.H. Xenon Headlight	√	√	√				
	Multi Function Display	√	√	√	√			
	Radio	√	√	√	√			
	Video Module	√	√	√	√			
	European and NAS Navigation	√	√	√	√			
	Digital Sound Processor	√	√	√	√			
	Speech Recognition	√	√	√				
	Telephone	√	√	√	√			
	Multi Function Steering Wheel	√			√			
	Seat Memory ECU	√	√	√	√			
Body Control Unit	√	√	√	√				
<b>RANGE</b>	GEMS(engine)		√	√	√			
	GEMS NAS ONLY (engine)		√	√	√			

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		Sys. Info.	Read code	Clear code	Data Stream	Actuation	Special Functions	Others
<b>RANGE ROVER (1995-1999)</b>	EDC Diesel(Engine)	√	√	√	√			
	AUTO GEARBOX	√	√	√				
	A/C		√	√	√			
	ABS		√					
<b>Discovery I (96-99)</b>	TDI 300 (Engine)	√	√	√	√			
	GEMS NAS (engine)		√	√	√			
<b>Discovery III</b>	Petrol Engine		√	√	√			
	Diesel Engine		√	√	√			
	Gearbox		√	√	√		1.Adaption clear	
	ABS		√	√	√			
	Air bag		√	√	√			
	Air Conditioning		√	√	√			
	All terrain control module		√	√	√			
	Audio front control module		√	√	√			
	Body control module		√	√	√			
	Front lighting control module		√	√	√			
	Parking assist control module		√	√	√			
	Ride level control module		√	√	√			
	Steering angle sensor module		√	√	√			
	Transfer case control module		√	√	√			
	Instrument cluster control module		√	√	√		1.Service interval reset	
Auxiliary heater control module		√	√	√				
Digital audio control module C		√	√	√				

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Menu		Functions						
		Sys. Info.	Read code	Clear code	Data Stream	Actuation	Special Functions	Others
	Parking brake control module		√	√	√			
	Transmission control module		√	√	√			
	Vehicle dynamics control module		√	√	√			
	Tire pressure monitor module		√	√	√			
	Rear differential control module		√	√	√			
	Speed control module		√	√	√			
	Television module		√	√	√			
	Satellite audio unit module		√	√				
	Cellular telephone control module		√	√	√			
	Rear entertainment control module		√	√	√			
	Front entertainment control module		√	√				
	Traffic message channel module		√	√	√			
	Audio amplifier module		√	√	√			
	Petrol Engine		√	√	√			
	<b>Diesel Engine V8</b>		<b>√</b>	<b>√</b>	<b>√</b>			
	Gearbox		√	√	√			
	ABS		√	√	√			
	Air bag		√	√	√			
	Instrument cluster control module		√	√	√		1.Service interval reset	
	Tire pressure monitor module		√	√	√			
	Parking brake control module		√	√	√			
	Audio amplifier module		√	√				
	Front lighting control module		√	√	√			

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Menu		Functions						
		Sys. Info.	Read code	Clear code	Data Stream	Actuation	Special Functions	Others
<b>Range Rover(2006 Onwards)</b>	Front entertainment control module		√	√	√			
	Parking aid control module		√	√	√			
	CD Player		√	√	√			
	All terrain control module		√	√	√			
	Driver's climate seat module		√	√	√			
	Rear Heating ventilation and air conditioning control module		√	√	√			
	Restraints control module		√	√	√			
	Restraints occupant classification system module		√	√	√			
	Ride level control module		√	√	√			
	Running board control module		√	√	√			
	Steering angle sensor module		√	√	√		1、Steering wheel angle sensor calibration	
	Transfer case control module		√	√	√			
	Transmission control module		√	√	√			
	Vehicle dynamics control module		√	√	√			
	Vehicle immobilizer control module		√	√	√			
Petrol Engine			√	√	√			
Diesel Engine V8			√	√	√			
Diesel Engine V6			√	√	√			
Gearbox			√	√	√			
ABS			√	√	√			

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Menu		Functions						
		Sys. Info.	Read code	Clear code	Data Stream	Actuation	Special Functions	Others
<b>RANGE ROVER SPORT (2006 Onwards)</b>	Air bag		√	√	√			
	Air Suspension		√	√	√			
	Instrument cluster control module		√	√	√		1.Service interval reset	
	All terrain control module		√	√	√			
	Audio front control module		√	√	√			
	Audio amplifier module		√	√	√			
	Body control module		√	√	√			
	Cellular telephone control module		√	√	√			
	Digital audio control module C		√	√	√			
	Front entertainment control module		√	√				
	Front lighting control module		√	√	√			
	Heating ventilation and air conditioning control module		√	√	√			
	Parking assist control module		√	√	√			
	Parking brake control module		√	√	√			
	Rear entertainment control module		√	√	√			
	Satellite audio unit module		√	√				
	Steering angle sensor module		√	√	√			
	Tire pressure monitor module		√	√	√			
	Traffic message channel module		√	√				
	Transfer case control module		√	√	√			
Vehicle dynamics control module		√	√	√				
<b>Dynamic response module</b>			<b>√</b>	<b>√</b>	<b>√</b>			

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		Sys. Info.	Read code	Clear code	Data Stream	Actuation	Special Functions	Others
	Speed control module		√	√	√			
	Auxiliary heater control module		√	√	√			
<b>FREELANDER 2</b>	Engine I6		√	√	√			
	Diesel I4		√	√	√			
	Gearbox		√	√	√			
	ABS		√	√	√			
	Air bag		√	√	√			
	Instrument Pack		√	√	√		1.Service interval reset	
	Body Control Module		√	√	√			
	Headlamp Control Module		√	√	√			
	All Terrain Control Module		√	√	√			
	Driver's door module		√	√	√			
	Passenger's door module		√	√	√			
	Driver's seat module		√	√	√			
	Infotainment control module		√	√	√			
	Rear differential control module		√	√	√			
	Steering angle sensor module		√	√	√			
	Heating ventilation and air conditioning control module		√	√	√			
	Parking assist control module		√	√	√			
Auxiliary heater control module		√	√	√				
Restraints occupant classification system module		√	√	√				

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		Sys. Info.	Read code	Clear code	Data Stream	Actuation	Special Functions	Others
	Trailer module		√	√	√			
<b>Defender 2007</b>	Diesel I4 2.4L		√	√	√			
	Instrument Pack		√	√	√			

(\*):Tested;

(?):Manual on website([www.x431.com](http://www.x431.com))

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CONNECTOR	X431	DIAGUN
SMART OBD	It is fit for all vehicles of LANDROVER.	N/A
OBD 16C	It is fit for all vehicles of LANDROVER.	N/A
CANBUS II	It is fit for all vehicles of LANDROVER.	N/A
diagun connector	N/A	It is fit for all vehicles of LANDROVER.
SUPER 16	It is fit for all vehicles of LANDROVER.	N/A