

LandRover **V29.70** Diagnostics List

(Note:For reference only)

Menu		Functions						
		Sys. Info.	Read code	Clear code	Data Stream	Actuation	Special Functions	Others
FREELAND ER	TD4(Engine)	√	√	√	√	√	1.Reset adaption	
	EMS2000(Engine)	√	√	√	√	√	1.Reset adaption	
	EDC Diesel(Engine)	√	√	√	√			
	mem3 (2001-2004)(Engine)	√	√	√	√	√	1.Configuration	
	mems1.9(before 2001)(Engine)		√	√	√		1.Configuration	
	Petrol MS43 KV6 (NAS V6)	√	√	√	√	√	1.Reset adaption	
	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	√			√			
	Electric Windows	√			√			
	Heated Rear Window	√			√			
	Heated Front Screen	√			√			

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Discovery II	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	√			√			
Range rover(1999-2002)	diesel eng (2001--2002)	√	√	√	√			
	Petrol eng	√	√	√	√	√	1.Reset adaptions	
	diesel gearbox	√	√	√	√			
	petrol gearbox	√	√	√	√		1.Reset adaptions	
	ABS(1999-2002)	√	√	√	√	√		
	Air bag		√	√				
	Air Conditioning		√	√	√			

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		Sys. Info.	Read code	Clear code	Data Stream	Actuation	Special Functions	Others
	Petrol Cruise Control	√	√	√	√			
Defender	petrol MS4(Engine)	√	√	√	√			
	GEMS NAS(Engine)		√	√	√			
	diesel TD5(Engine)	√	√	√	√	√		
	ABS(1999-2004)	√	√	√	√	√		
	BCU & Transmission	√			√			
New RangeRover(2002 Onwards)	diesel Engine	√	√	√	√	√		
	Petrol Engine	√	√	√	√	√	1.Reset adoptions	
	Gearbox	√	√	√	√	√		
	ABS	√	√	√	√	√	1.Steering column correction	
	Air bag	√	√	√	√			
	Air Suspension	√	√	√	√	√	1.Height recalibration 2.Headlight calibration	
	Instrument Pack	√	√	√	√			
	Air Conditioning	√	√	√	√			
	Parking Aid	√	√	√	√			
	Security	√	√	√	√			
	Immobilisation	√	√	√	√			
	Power steering	√	√	√	√			
	Wash wipe	√	√	√	√		1.Reset adoptions	
	Window & Sunroof	√	√	√	√			
	Fuel Burning Heater	√	√	√	√			
	Automatic Headlight	√	√	√				
	Interior Lights	√	√	√	√			
	Transfer Box	√	√	√	√			
	Lighting Check Module	√	√	√	√			

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		Sys. Info.	Read code	Clear code	Data Stream	Actuation	Special Functions	Others
	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	√	√	√	√			
RANGE ROVER (1995-1999)	GEMS(engine)		√	√	√			
	GEMS NAS ONLY (engine)		√	√	√			
	EDC Diesel(Engine)	√	√	√	√			
	AUTO GEARBOX	√	√	√				
	A/C		√	√	√			
	ABS		√					
Discovery I (96-99)	TDI 300 (Engine)	√	√	√	√			
	GEMS NAS (engine)		√	√	√			
	Petrol Engine		√	√	√			
	Diesel Engine		√	√	√			
	Gearbox		√	√	√			
	ABS		√	√	√			
	Air bag		√	√	√			
	Air Conditioning		√	√	√			

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		Sys. Info.	Read code	Clear code	Data Stream	Actuation	Special Functions	Others
Discovery III	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		√	√	√			
	Parking brake control module		√	√	√			
	Transmission control module		√	√	√			
	Vehicle dynamics control module		√	√	√			
Range Rover(2006	Petrol Engine		√	√	√			
	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		√	√	√			
	Front entertainment control module		√	√	√			
	Parking aid control module		√	√	√			
	CD Player		√	√	√			

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ROVER (2000 Onwards)	All terrain control module		✓	✓	✓			
	Driver's climate seat module		✓	✓	✓			
	Rear Heating ventilation and air condition		✓	✓	✓			
	Restraints control module		✓	✓	✓			
	Restraints occupant classification system		✓	✓	✓			
	Ride level control module		✓	✓	✓			
	Running board control module		✓	✓	✓			
	Steering angle sensor module		✓	✓	✓			
	Transfer case control module		✓	✓	✓			
	Transmission control module		✓	✓	✓			
	Vehicle dynamics control module		✓	✓	✓			
	Vehicle immobilizer control module		✓	✓	✓			
RANGE ROVER SPORT (2006 Onwards)	Petrol Engine		✓	✓	✓			
	Gearbox		✓	✓	✓			
	ABS		✓	✓	✓			
	Air bag		✓	✓	✓			
	Air Suspension		✓	✓	✓			
	Instrument cluster control module		✓	✓	✓		1.Service interval reset	
	All terrain control module		✓	✓	✓			
	Audio front control module		✓	✓	✓			
	Petrol Engine		✓	✓	✓			
	Diesel Engine		✓	✓	✓			
	Gearbox		✓	✓	✓			
	ABS		✓	✓	✓			
	Air bag		✓	✓	✓			
	Instrument Pack		✓	✓	✓		1.Service interval reset	

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FREELAND ER 2	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		√	√	√			
	Trailer module		√	√	√			
	Transmission control module		√	√	√			
	Powertrain control module		√	√	√			
	Instrument cluster control module		√	√	√			
Defender 2007	Diesel I4 2.4L		√	√	√			
	Instrument Pack		√	√	√			

(*):Tested;

(?):Manual on website(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