LANDROVER V30.90 Diagnostics List (Note:For reference only)

Year	Model	ENG TYPE	PCM	TCM/ Gear box	ABS	RCM/ SRS/ Airbag	ICCM /IP	RLCM /Air Suspension	BCM/ BODY	HVAC/Air Conditioning	VDCM	SASM /Steering	TPM	PBM	Parking assist	Parking Aid	AHCM	VICM/ Security/Immo	DDM	DSM	PDM	PSM	ATCM	AFCM	FLCM	TCCM/Transfer Box	ADCM	DACMC	RDCM	SCM	SAUM	CTCM /Telephone	RECM	FECM	TMCM	AAM	DRM	Rain Sensor	GSM	Light check/ Lighting	RBCM	OCS	CD Player	DCSM	RHVACM	SODCMR/ SODCML	DABM	RCSM	RDUM	HCM	HCMB	IPMB	ICM	FCIM	FCIMB	DCSM	KVM	Television
	Freelander	TD4	CDTV S1	CDTV	CDTV S2,S3	CV	CVD S4											VD S5,S6																						VD																				
	Freelander	EMS2000	CDTV S1	CDTV	CDTV S2,S3	CV	CVD S4											VD S5,S6																						VD																				
	Freelander	EDC Diesel	CDV	CDTV	CDTV S2,S3	CV	CVD S4											VD S5,S6																						VD																				
	Freelander	mem3 (2001-2004)	CDTV S2	CDTV	CDTV S2,S3	CV	CVD S4											VD S5,S6																						VD																				
	Freelander	mems1.9(before 2001)	CD S2	CDTV	CDTV S2,S3	CV	CVD S4											VD S5,S6																						VD																				
	Freelander	Petrol MS43 KV6 (NAS V6)	CDTV S1	CDTV	CDTV S2,S3	CV	CVD S4											VD S5,S6																						VD																				
	Freelander 2	Petrol I6	CD S14,S30	CD S14,S31	CD S32,S22,S3 3,S34, S35	CD	CD S19		CD S36	CD S40,S41,S42		CD		CD		CD			CD S37	CD S39	CD S38	CD	CD				CD		CD		CD	CD				CD				CD							CD			CD	CD								
	Freelander 2	Diesel I4	CD S46,S47,S48 ,S49,S50,S51 ,S52,S53	CD S14,S31	CD S32,S22,S3 3,S34, S35	CD	CD S19		CD S36, S57	CD S40,S41,S42		CD		CD		CD			CD S37	CD S39	CD S38	CD	CD				CD		CD		CD	CD				CD				CD							CD			CD	CD								
before 2007	Defender	petrol MS4	CDV	DV	CDTV																																																							
	Defender	GEMS NAS	CD	DV	CDTV																																																						
	Defender	diesel TD5	CDTV	DV	CDTV																																																					
2007 Onwards	Defender	Diesel I4 2.4L	CD				CD																																																				
1996-1999	Discovery I	TDI 300	CDV																																																						
	Discovery I	GEMS NAS	CD																																																						
	Discovery II	petrol m52	CDTV S1	DV	CDTV S8,S9,S10	C												DV																						DV																				
	Discovery II	Diesel TD5	CDTV S7	DV	CDTV S8,S9, S10	C												DV																						DV																				
	Discovery III	Petrol V6	CD S14	CD S14	CD	CD,S5	CD S19	CD S43,S44,S45	CD S15,S16,S17		CD	CD S23	CD S18	CD, S55, S56	CD S20, S21, S22, S24	CD		CD					CD	CD	CD	CD		CD	CD	CD	C	CD	CD	C	CD	CD																									CD
	Discovery III	Petrol V8	CD S14	CD S14	CD	CD,S5	CD S19	CD S43,S44,S45	CD S15,S16,S17		CD	CD S23	CD S18	CD, S55, S56	CD S20, S21, S22, S24	CD		CD					CD	CD	CD	CD		CD	CD	CD	C	CD	CD	C	CD	CD																									CD
	Discovery III	Diesel V6	CD	CD S14	CD	CD,S5	CD S19	CD S43,S44,S45	CD S15,S16,S17		CD	CD S23	CD S18	CD, S55, S56	CD S20, S21, S22, S24	CD		CD					CD	CD	CD	CD		CD	CD	CD	C	CD	CD	C	CD	CD																									CD
	Discovery 4	3.0L Diesel V6	CD	CD	CD	CD	CD	CD	CD	CD		CD		CD	CD		CD	CD	CD		CD	CD	CD		CD	CD	CD	CD	CD	CD	CD		CD											CD			CD			CD	CD	CD	CD		CD	CD	CD	CD
		2.7L Diesel V6	CD	CD	CD	CD	CD	CD	CD	CD		CD		CD	CD		CD	CD	CD		CD	CD	CD		CD	CD	CD	CD	CD	CD	CD		CD											CD			CD			CD	CD	CD	CD		CD	CD	CD	CD
		Petrol V8	CD	CD	CD	CD	CD	CD	CD	CD		CD		CD	CD		CD	CD	CD		CD	CD	CD		CD	CD	CD	CD	CD	CD	CD		CD											CD			CD			CD	CD	CD	CD		CD	CD	CD	CD
2005-2009	Range Rover Sport	Petrol V8	CD S14	CD S14	CD	CD S28,S29	CD S19	CD S43,S44,S45	CD S15,S16,S17		CD	CD S23	CD S18	CD, S55, S56	CD S20, S21, S22, S24	CD		CD					CD	CD	CD	CD		CD		CD	C	CD	CD	C	C	CD	CD																									
	Range Rover Sport	Diesel V8	CD	CD S14	CD	CD S28,S29	CD S19	CD S43,S44,S45	CD S15,S16,S17		CD	CD S23	CD S18	CD, S55, S56	CD S20, S21, S22, S24	CD		CD					CD	CD	CD	CD		CD		CD	C	CD	CD	C	C	CD	CD																									
	Range Rover Sport	Diesel V6	CD	CD S14	CD	CD S28,S29	CD S19	CD S43,S44,S45	CD S15,S16,S17		CD	CD S23	CD S18	CD, S55, S56	CD S20, S21, S22, S24	CD		CD					CD	CD	CD	CD		CD		CD	C	CD	CD	C	C	CD	CD																									
2010 Onwards	Range Rover Sport	Diesel V6	CD	CD	CD	CD	CD	CD						CD																																													
1995-1999	Range Rover	GEMS GEMS NAS	CD	CV	C					CD																																																
	Range Rover	ONLY	CD	CV	C					CD																																															
	Range Rover	EDC Diesel	CDV	CV	C					CD																																															
1999-2002	Range Rover	diesel eng(2001--2002)	CDV	CDV	CDTV	C				CD																																																
	Range Rover	Petrol eng	CDTV S1	CDTV S1	CDTV	C				CD																																																
2002-2005	New RangeRover	diesel Engine	CDTV	CDTV	CDTV S11	CDV	CDV	CDTV S12,S13	CDV	CDV		CDV				CDV		CDV							CDV						CDV								CDV																				CDV
	New RangeRover	Petrol Engine	CDTV S1	CDTV	CDTV S11	CDV	CDV	CDTV S12,S13	CDV	CDV		CDV				CDV		CDV							CDV						CDV								CDV																				CDV
2006	Range Rover	STR6 Diesel	CD	CD	C	CDV	CD S19	CD S43,S44,S45	C S16	CD			CD	CD S20, S21, S22, S24		CD	CD	CD		C			CD	CD		CD				C							C S15, S25		CD	C S26,S27	CD S28																					CD

LANDROVER V30.90 Diagnostics List (Note:For reference only)

Year	Model	ENG TYPE	PCM	TCM/ Gear box	ABS	RCM/ SRS/ Airbag	ICCM /IP	RLCM /Air Suspension	BCM/ BODY	RVC/Air Conditioning	VDCM	SASM /Steering	TPM	PBM	Parking assist	Parking Aid	AHCM	VICM/ Security/Immo	DDM	DSM	PDM	PSM	ATCM	AFCM	FLCM	TCCM/Transfer Box	ADCM	DACMC	RDCM	SCM	SAUM	CTCM /Telephone	RECM	FECM	TMCM	AAM	DRM	Rain Sensor	GSM	Light check/ Lighting	RBCM	OCS	CD Player	DCSM	RHV ACM	SOD CMR/ SOD CML	DABM	RCSM	RDUM	HCM	HCMB	IPMB	ICM	FCIM	FCIMB	DCSM	KVM	Television
	Range Rover	Petrol V8	CD S14	CD S14		CDV	CD S19	CD S43,S44,S45	C S16	CD	CD S23	CD S18	CD	CD S20, S21, S22, S24		CD	CD	CD		C			CD	CD		CD					C	CD	CD	CD	CD	C	C S15, S25		CD	C S26,S27	CD S28																		CD
2007-2009	Range Rover	Petrol V8	CD S14	CD S14	CD	CD	CD S19	CD S43,S44,S45	C S16	CD	CD S23	CD S18	CD	CD S20, S21, S22, S24		CD	CD	CD		C			CD	CD	CD	CD			CD		C	CD	CD	CD	C	C	C S15, S25		CD	C S26,S27	CD S28	CD		CD											CD		CD
	Range Rover	Diesel V8	CD	CD S14	CD	CD	CD S19	CD S43,S44,S45	C S16	CD	CD S23	CD S18	CD	CD S20, S21, S22, S24		CD	CD	CD		C			CD	CD	CD	CD			CD		C	CD	CD	CD	C	C	C S15, S25		CD	C S26,S27	CD S28	CD		CD											CD		CD
2010 Onwards	Range Rover	Diesel V8	CD	CD	CD	CD	CD	CD	CD	CD		CD		CD	CD			CD	CD	CD	CD	CD	CD	CD		CD	CD	CD	CD	CD	CD	CD	CD	CD		CD		CD	CD	CD			CD	CD	CD	CD	CD	CD	CD	CD					CD	
	Range Rover	Petrol V8	CD	CD	CD	CD	CD	CD	CD	CD		CD		CD	CD			CD	CD	CD	CD	CD	CD	CD		CD	CD	CD	CD	CD	CD	CD	CD	CD		CD		CD	CD	CD			CD	CD	CD	CD	CD	CD	CD	CD					CD	

Note:

C DTC
D Data Display
T Action Test
V MODULE IDENTIFICATION

S1: Reset adaptions
S2: Configuration
S3: Calibration 'G' Sensor
S4: INTRUMENT PACK RENEWAL
S5: Remote key(PLIP) programming
S6: EKA display
S7: Read/Set Injector Grades
S8: Suspension configuration
S9: SLS suspension calibration
S10: SLS transfer mode set
S11: Steering column correction
S12: Height recalibration
S13: Headlight calibration
S14: Adaption clear
S15: Rain sensor initialisation
S16: Sliding roof module initialisation
S17: Driver's memory seat calibration
S18: Steering wheel angle sensor calibration
S19: Service interval reset
S20: Drive the parking brake to the mounting position.
S21: Driver the parking brake to the latching position.
S22: Longitudinal accelerometer calibration.
S23: Brake bleed.
S24: Parking brake unjam procedure.
S25: Rain sensor windshield setup
S26: Service mode enabled.
S27: Service mode disabled
S28: Seat cushion replacement.
S29: Third button configuration
S30: Fuel prime routine.
S31: Gear selector sensor calibration.
S32: Lateral accelerometer calibration
S33: Pressure sensor calibration
S34: Roll rate sensor calibration
S35: Yaw Rate sensor calibration
S36: Sunroof calibration
S37: Driver's door window glass calibration
S38: Passenger's door window glass calibration
S39: Driver's seat calibration
S40: Humidity sensor replacement
S41: Seat heater module calibration
S42: Stepper motor replacement
S43: Air suspension height calibration
S44: Air suspension deflation
S45: Air suspension deflation
S46: Diesel particulate filter dynamic regeneration
S47: Injector replacement
S48: Diesel fueling adaption re-initialization
S49 Exhaust gas recirculation replacement
S50 Diesel particulate filter differential pressure sensor replacement
S51 Diesel particulate filter air temperature sensor replacement
S52 Diesel particulate filter replacement
S53 Diesel lambda sensor replacement
S54 Seats-Seat cover replacement
S55 Tire pressure sensor replacement
S56 Tire pressure monitor confirmation application
S57 Security - Keyfob remote functionality

(*):Tested;
(?):Manual on website(www.x431.com)
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