



Troubleshooting-data

Model: EuroTrakker Cursor 13 (...E38)

Motor: F3B E0681G / Bosch MS6.2 Unit Inje

Component:	From:	To:	Condition:	Value	Measured	Ref.
.	.	.	Connector seen from wire side	.		
.	.	.	Measurements taken with connector installed	.		
Battery (earth)	B2	Batt. -	Ignition on	0 V		
Battery (earth)	B1	Batt. -	Ignition on	0 V		
CAN BUS SAE J1939	B11	B12	Ignition off	55 - 65 ohm		
CAN BUS SAE J1939	B12	B1	Idle			1087
CAN BUS SAE J1939	B11	B1	Idle			1088
Accelerator pedal sensor	B35	B1	Ignition on	0 V		
Accelerator pedal sensor	B16	B35	Ignition on	4,5 - 5,5 V		
Accelerator pedal sensor	B23	B35	Ignition on, accelerator released	0,2 - 0,6 V		
Accelerator pedal sensor	B23	B35	Ignition on, accelerator fully depressed	3,5 - 4 V		
Boost pressure valve	A31	A18	Ignition on	22 - 28 V		
Brake pedal switch	B26	B1	Ignition on, brake pedal released	22 - 28 V		
Brake pedal switch	B26	B1	Ignition on, brake pedal depressed	0 V		
Clutch switch	B20	B1	Ignition on	22 - 28 V		
Clutch switch	B20	B1	Ignition on, pedal activated	0 V		
Ignition	B15	B1	Ignition on	22 - 28 V		
Ignition	B15	B1	Ignition off	0 V		
Inductive position sensor	A7	A16	Idle			1050
Inductive position sensor 1	A2	A14	Starter rpm			1007
Inductive position sensor 2	A1	A14	Starter rpm			1012
MAP-sensor	A17	A23	Ignition on	4,5 - 5,5 V		
MAP-sensor	A12	A23	Ignition on	0,9 - 1,1 V		
MAP-sensor	A23	B1	Ignition on	0 V		
MAP-sensor	A12	A23	2000 rpm	1,3 - 1,7 V		
MAP-sensor	A12	A23	Ignition on, at 2500 - 3000 mbar	3,4 - 4,7 V		
Relay	B27	B1	Ignition on	0 - 1 V		
Relay	B4	B1	Ignition on	22 - 28 V		
Relay	B3	B1	Ignition on	22 - 28 V		
Relay	B27	B1	Ignition off	22 - 28 V		
Relay	B3	B1	Ignition off	0 V		
Relay	B4	B1	Ignition off	0 V		
Speedometer	B29	B1	Vehicle in motion			1047
Unit Injector 1	A35	A24	Idle			1079
Unit Injector 2	A34	A24	Idle			1079

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Component:	From:	To:	Condition:	Value	Measured	Ref.
Unit Injector 3	A33	A24	Idle			1079
Unit Injector 4	A26	A25	Idle			1079
Unit Injector 5	A28	A25	Idle			1079
Unit Injector 6	A27	A25	Idle			1079
Windscreen relay	B10	B1	Ignition on, 20° C	22 - 28 V		
Windscreen relay	B10	B1	Ignition on, engine cold	0 - 1 V		

Make	Iveco LV	Date:	15-08-2011
Model	EuroTrakker Cursor 13 (...E38)	Owner	_____
Year	2001-2009	Registration No.	_____
Engine	F3B E0681G	Mileage	_____
Maintenance	160,000 km/3,200 hs.	1. Reg. Date	_____

Engine compartment		OK	Remarks
1	Change engine oil		
2	Change engine oil filter		
3	Change fan belt		
4	Change fuel filter		
5	Change fuel prefilter		
6	Change the air filter of the VGT turbo		
7	Check battery		
8	Check charge relay and brushes		
9	Check clutch fluid		
10	Check indicator for engine ventilation filter		
11	Check inlet pipe, tensioning of induction manifold		
12	Check lock system on bonnet and the engine noise Control		
13	Check/ Adjust valve clearance		
14	Clean filter for power steering; Change if necessary		

Body/ Cabin		OK	Remarks
15	Check all lamps/ lights		
16	Check body/ paint and undercoating (Inform costumer of damage/ defects)		
17	Check the cab tip system for operation and impermeability		
18	Control/ Adjust front lights		

Chassis/ Underbody		OK	Remarks
19	Change air drier filter		
20	Change differential oil		
21	Change oil and filter on PTO and gearbox with intarder (Min. every year) (Only off-road)		
22	Change oil and filter on ZF-gearbox and any intarder (Min. every 2 years) (Only on-road)		
23	Change oil in hubs		
24	Change oil in transfer gearbox		
25	Change oil on gearbox (Manuel transmission)		
26	Check brake pads, -discs, shoes and drums for wear		
27	Check tyre and inflation pressure (Remember spare)		
28	Check/ Adjust bolts of steering box and steering box console		
29	Clean differential ventilation filter		
30	Clean the transmission ventilation filter (Manual transmission)		
31	Lubricate propeller shaft and chassis		

Testdrive		OK	Remarks
32	Stamping of service manual and cleaning of steering wheel and handles after service		
33	Test drive with final Check of all systems		

Additional points		OK	Remarks
34	Check motor Control EDC system and perform engine test		

We have noted the following points, of which you should be aware, while examining your vehicle:

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Yours sincerely

Date Mechanic

Iveco LV EuroTrakker Cursor 13 (...E38)

Parts - 160,000 km/3,200 hs.

- Oil filter
- Engine oil
- Drive belt(s)
- Fuel filter
- Air filter for the VGT turbo
- Filter in servo
- Air-drying filter
- Transmission oil (Differential)
- Transmission oil
- Oil filter in gearbox
- Oil for hubs