

# **OEM Website Audit Report**

## **Appendix C13 Land Rover Summary Table.pdf**

August 2006

**Segment 1: Ease of Use, Accessibility, and Website Navigation**

LandRover Auditors	1.1				1.2				1.3				1.3a				1.4				1.5				1.6				
	Yes	No	Ranking	NA	Yes	No	Ranking	NA	Yes	No	Ranking	NA	Yes	No	Ranking	NA	Yes	No	Ranking	NA	Yes	No	Ranking	NA	Yes	No	Ranking	NA	
Land Rover_Auditor 1	X		B		X		4		X		NA		X		B		X		B		X		B		X		B		
Land Rover_Auditor 8	X		B		X		B		X		B		X		B		X		B		X		B		X		B		
Land Rover_Auditor 4	X		B		X		B		X		B		X		B		X		B			X		B		X		B	
Land Rover_Auditor 3		X	B		X		B		X		B			X	B		X		B			X		B		X		B	
<b>Total</b>	3	1			4				4				3	1			4				2	2			4				
<b>Average</b>			NA				4				NA				NA				NA				NA				NA		

**\* Note: The rankings range from 1 (poor) to 5 (excellent). An entry of "B" indicates that the auditor did not provide a response.**

Question 1.1: Does the website provide users with a description of the minimum computer hardware and software needed by the user to access that OEM's information (e.g., computer processor speed and operating system software)? This description or a link to it should appear when users first log on to the homepage of the OEM's website.

Question 1.2: Did the website allow you to search the OEM website by various topics including but not limited to model, model year, key words or phrases, etc.?

Question 1.3: Did the website provide accessibility using common, readily available software and shall not require the use of proprietary software, hardware, viewers, or browsers?

Question 1.3a: Did the OEM website provide hyperlinks to any plug-ins, viewers or browsers (e.g., Adobe Acrobat or Netscape) needed to access the OEM website?

Question 1.4: Did you have any difficulty connecting to the website?

Question 1.5: Were you able to navigate the website without returning to the OEM service information home page or a search engine in order to access a different portion of the site?

Question 1.6: If you were a first time user, does the website involve a waiting period for registration to receive a password, PIN code, or some other approval (such as PayPal)?

### Segment 2: OBD System Monitors

LandRover Auditors	2.1			2.1a			2.2			2.3			2.3a			2.4			2.5			2.6		
	Yes	No	NA	Yes	No	NA	Yes	No	NA	Yes	No	NA	Yes	No	NA	Yes	No	NA	Yes	No	NA	Yes	No	NA
Land Rover_Auditor 1	X				X		X			X			X			X			X			X		
Land Rover_Auditor 8	X				X		X			X			X			X			X			X		
Land Rover_Auditor 4	X			X				X			X		X				X			X			X	
Land Rover_Auditor 3			X			X		X			X			X			X			X			X	
<b>Total</b>	<b>3</b>		<b>1</b>	<b>1</b>	<b>2</b>	<b>1</b>	<b>2</b>	<b>2</b>		<b>2</b>	<b>2</b>		<b>3</b>	<b>1</b>		<b>2</b>	<b>2</b>		<b>2</b>	<b>2</b>		<b>2</b>	<b>2</b>	

Question 2.1: Are there descriptions of all the OBD monitors and their operation?

Question 2.1a: Did any of these monitor descriptions lack sufficient information? If so, please explain in the "Notes" column.

Question 2.2: Were you able to find a description of all parameters (strategies) being monitored? Parameters can refer either to PID descriptions or the general monitoring strategies of the ECU.

Question 2.3: Was there a list of Diagnostic Trouble Codes relating to these monitors?

Question 2.3a: Did you find the list sufficient to assist in the diagnosis and/or repair of the vehicle? If your answer is "No" please explain in the "Notes" column.

Question 2.4: Were you able to determine the enable criteria for each monitor?

Question 2.5: Are the sequence, execution frequency, and duration of the monitor explained?

Question 2.6: Were you able to find the malfunction thresholds for the monitor?



### Segment 4: Reprogramming and Reinitialization Information

LandRover Auditors	4.1			4.2			4.3			4.4			4.5			4.6			4.7			4.8			4.9			4.10			4.11			4.12			4.13			4.13a								
	Yes	No	NA	Yes	No	NA	Yes	No	NA	Yes	No	NA	Yes	No	NA	Yes	No	NA	Yes	No	NA	Yes	No	NA	Yes	No	NA	Yes	No	NA	Yes	No	NA	Yes	No	NA	Yes	No	NA									
Land Rover_Auditor 1	X			X			X			X			X			X			X			X			X			X			X			X			X			X								
Land Rover_Auditor 8	X			X			X			X			X			X			X			X			X			X			X			X			X			X			X					
Land Rover_Auditor 4	X			X						X			X			X			X			X			X			X			X			X			X			X			X					
Land Rover_Auditor 3		X			X					B			B			B			B			B			B			B			B			B			B			B			B					
<b>Total</b>	3	1		3	1		2			2	3		1	3		1	2		1	1		2	2		2	2		2	1	1	2	1	1	2	1	1	2	1	1	2	1	1	2	1	2	2	2	2

\* Note: Since Question 4.13b does not request a Yes/No response and requires detailed comments from the auditor, the results are not included in this table. An entry of "B" indicates that the auditor did not provide a response.

Question 4.1: Are you able to find information on tools needed to perform reprogramming?
Question 4.2: Are you able to find the procedures to perform reprogramming?
Question 4.3: If reprogramming is performed using a J2534 device was the software available to communicate between the device and the PC?
Question 4.4: Is the information to select the proper calibration for the vehicle available?
Question 4.5: Is the vehicle calibration available?
Question 4.6: Have you performed reprogramming services within the last 12 months for this OEM?
Question 4.7: If applicable, were you able to perform a successful update/reprogram?
Question 4.8: Does this OEM require initialization or reinitialization when the ECU is replaced? If no, skip to Segment 5. For the purposes of this audit, initialization or reinitialization refers to the need to reset a vehicle's security systems by means of an ignition key or access code to allow a vehicle to be restarted after the completion of emissions-related repairs.
Question 4.9: Are you able to find information on tools needed to perform reinitialization?
Question 4.10: Are you able to find the procedures to perform reinitialization?
Question 4.11: Have you performed reinitialization services within the last 12 months for this OEM?
Question 4.12: EPA regulations allow for OEMs to offer an alternative method of reinitialization with prior approval. These companies have received approval to lease their OEM-specific scan tool to the aftermarket to perform this service. Are you able to find information about alternate methods and links to the source of that method?
Question 4.13: Do you have any experience using the alternate method?
Question 4.13a: If so, has it worked to your satisfaction?
Question 4.13b: If not, please explain.



