

Failure Analysis by Component for period Aug'07 to July'08

Class 4: Cars

Category	2007	2007	2007	2007	2007	2008	2008	2008	2008	2008	2008	2008	No. of Failures By Component	No. of MOT Tests	No. of MOT Test Failures	% of Component Failures Failing On Total Tests	Component Failures as % of Total Failures by Component
	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul					
Body	315,425	309,509	353,405	301,839	195,003	309,889	327,328	355,435	384,580	365,399	361,604	376,850	3,956,266			11.44 %	9.28%
Brakes	841,246	822,996	929,796	794,154	525,187	852,354	863,782	918,470	979,151	934,263	936,038	984,720	10,382,157			30.03 %	24.34%
Fuel and Emissions	315,177	305,599	342,338	290,647	188,872	306,826	308,697	324,729	342,450	327,572	324,138	347,530	3,724,575			10.77 %	8.73%
Lighting and Signalling	658,068	643,866	708,557	616,559	418,599	666,107	653,695	693,819	734,559	696,208	689,980	728,772	7,908,789			22.88 %	18.54%
Non-RfRs	22,987	21,523	23,839	20,456	13,063	21,664	21,541	21,406	23,467	22,431	21,675	22,896	256,948			0.74 %	0.60%
Road Wheels(All)	19,371	20,556	23,303	20,429	13,598	20,393	21,633	23,165	25,308	23,876	24,409	25,589	261,630			0.76 %	0.61%
Seat Belts(All)	58,462	56,557	66,174	56,627	36,443	60,032	59,023	61,274	66,943	64,664	65,046	70,700	721,945			2.09 %	1.69%
Steering	118,025	118,853	138,249	119,874	79,914	122,430	126,145	135,206	145,606	133,674	132,173	139,803	1,509,952			4.37 %	3.54%
Structure	80,401	76,795	90,412	76,648	48,004	78,505	77,465	78,611	88,608	85,639	85,346	96,956	963,390			2.79 %	2.26%
Suspension	576,010	568,722	656,532	557,714	363,549	568,547	588,072	626,676	669,712	641,112	638,265	682,842	7,137,753			20.65 %	16.74%
Tyres	458,137	472,340	523,357	449,911	315,311	491,489	487,292	531,594	543,256	510,052	508,353	535,859	5,826,951			16.86 %	13.66%
<b>Sum:</b>	<b>3,463,309</b>	<b>3,417,316</b>	<b>3,855,962</b>	<b>3,304,858</b>	<b>2,197,543</b>	<b>3,498,236</b>	<b>3,534,673</b>	<b>3,770,385</b>	<b>4,003,640</b>	<b>3,804,890</b>	<b>3,787,027</b>	<b>4,012,517</b>	<b>42,650,356</b>	<b>34,568,203</b>	<b>9,890,157</b>		<b>100.00%</b>

Tyres as % of all failure components	13.23%	13.82%	13.57%	13.61%	14.35%	14.05%	13.79%	14.10%	13.57%	13.41%	13.42%	13.35%	13.66%
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Note: A failed vehicle can have more than one failure item and this is why the sum of the failures for each category exceeds the total number of failures.  
A vehicle can also have more than one failure category e.g. brakes, tyres. Although there might be more than one failure category it is still counted as only 1 vehicle failure.