

Detection Order Report

Summary

Total Detection Tests:	27
Total Functions Detected:	82.08% (89.02%, including Interference)
Total Probability Detected:	74.97% (76.99%, including Interference)
Aggregate Failure Rate:	1171.027453
Mean Time Between Failures (MTBF):	853.95 hours
Mean Time to First Failure (Initial MTTF):	8642.35 hours

Detection Order

Detection Test			Functions Detected		Probability Detected		Prob. Detected (w/ Interference)	
##	Test Name	Type	%	Cum %	%	Cum %	%	Cum %
1	Lose of Power	Effect	0.00	0.00	0.00	0.00	5.59	5.59
2	Check Brake Linkage	Signature	1.73	1.73	0.80	0.80	0.80	6.39
3	Automobile Start Test	Inspection	0.58	2.31	5.59	6.39	0.00	6.39
4	Brake Fluid Low	User-Initiated	4.62	6.94	11.95	18.34	28.38	34.77
5	ABS Light Stays On	User-Initiated	27.75	34.68	7.38	25.72	4.24	39.00
6	Check Left Brake Light Failed	User-Initiated	2.31	36.99	9.58	35.30	7.51	46.52
7	Check Right Brake Light Failed	User-Initiated	0.58	37.57	7.49	42.79	7.49	54.01
8	Check Rear Window Brake Light Failed	User-Initiated	0.58	38.15	7.49	50.29	7.49	61.50
9	Hydraulic Leak	Effect	2.31	40.46	14.00	64.29	7.02	68.52
10	Braking Squeal	Effect	0.00	40.46	0.00	64.29	6.76	75.28
11	Reduced Braking Efficiency	Effect	30.06	70.52	5.39	69.68	1.71	76.99
12	Inspect RF Wheel for wear	Inspection	0.58	71.10	< 0.01	69.69	0.00	76.99
13	Inspect RR Wheel for wear	Inspection	0.58	71.68	< 0.01	69.70	0.00	76.99
14	Inspect LR Wheel for wear	Inspection	0.58	72.25	< 0.01	69.71	0.00	76.99
15	Inspect LF Wheel for wear	Inspection	0.58	72.83	< 0.01	69.71	0.00	76.99
16	Inspect Pads from LF Disc Assy	Inspection	1.73	74.57	0.89	70.60	0.00	76.99
17	Inspect Pads from RF Disc Assy	Inspection	1.73	76.30	0.89	71.49	0.00	76.99
18	Inspect Pads from RR Disc Assy	Inspection	1.73	78.03	0.89	72.37	0.00	76.99
19	Inspect Pads from LR Disc Assy	Inspection	1.73	79.77	0.89	73.26	0.00	76.99
20	Inspect for Leaks Air (RF Tire)	Inspection	0.00	79.77	0.21	73.47	0.00	76.99
21	Inspect for Flat (RF Tire)	Inspection	0.58	80.35	0.21	73.69	0.00	76.99
22	Inspect for Leaks Air (RR Tire)	Inspection	0.00	80.35	0.21	73.90	0.00	76.99
23	Inspect for Flat (RR Tire)	Inspection	0.58	80.92	0.21	74.11	0.00	76.99
24	Inspect for Leaks Air (LR Tire)	Inspection	0.00	80.92	0.21	74.33	0.00	76.99
25	Inspect for Flat (LR Tire)	Inspection	0.58	81.50	0.21	74.54	0.00	76.99
26	Inspect for Leaks Air (LF Tire)	Inspection	0.00	81.50	0.21	74.76	0.00	76.99
27	Inspect for Flat (LF Tire)	Inspection	0.58	82.08	0.21	74.97	0.00	76.99