

# Fault Group Statistics

## Fault Groups by Function

Percentages of Detected Function Failure Probabilities					
Function Name	Sizes	%	Cum	Fault Groups	Fail. Prob.
BATTERY	1	100.00	100.00	Fault Group # 103	0.009742
BF Level Sensor	17	100.00	100.00	Fault Group # 61	0.111998
Brake Fluid LED	17	100.00	100.00	Fault Group # 61	0.111998
Brake Fluid-Fluid Level	1	100.00	100.00	Fault Group # 13	0.042698
Brake Fluid-Front Fluid Reservoir	1	100.00	100.00	Fault Group # 13	0.042698
Brake Fluid-Rear Fluid Reservoir	1	100.00	100.00	Fault Group # 13	0.042698
Brake Light SW	1	50.00	50.00	Fault Group # 148	0.005294
	17	50.00	100.00	Fault Group # 61	0.111998
Brake Pedal-Pedal SW	1	100.00	100.00	Fault Group # 7	0.002442
DIAG CONN-20_DIAG+	1	50.00	50.00	Fault Group # 70	0.000000
	17	50.00	100.00	Fault Group # 61	0.111998
DIAG CONN-34_DIAG-	1	50.00	50.00	Fault Group # 70	0.000000
	17	50.00	100.00	Fault Group # 61	0.111998
ECU-14_PUMP MOTOR CNTL	1	0.00	0.00	Fault Group # 77	0.000000
				Fault Group # 87	0.000000
				Fault Group # 105	0.000000
	2	0.00	0.00	Fault Group # 78	0.009504
			Fault Group # 106	0.001188	
	17	0.00	0.00	Fault Group # 61	0.111998
ECU-17_Relay GND	17	0.00	0.00	Fault Group # 61	0.111998
ECU-27_SOLENOID RELAY LO	1	0.00	0.00	Fault Group # 85	0.000000
				Fault Group # 86	0.000000
				Fault Group # 101	0.000000
	2	0.00	0.00	Fault Group # 102	0.007997
			Fault Group # 104	0.006543	
	17	0.00	0.00	Fault Group # 61	0.111998
ECU-29_ABS WARNING LED ABS Indicators	1	84.16	84.16	Fault Group # 81	0.000081
				Fault Group # 82	0.000063
				Fault Group # 83	0.000047
				Fault Group # 84	0.000018
				Fault Group # 107	0.000052
				Fault Group # 108	0.000037
				Fault Group # 109	0.000018
				Fault Group # 110	0.000018
				Fault Group # 111	0.000018
				Fault Group # 112	0.000018
				Fault Group # 113	0.000018
				Fault Group # 114	0.000018
				Fault Group # 116	0.000063
				Fault Group # 117	0.000034
				Fault Group # 118	0.000016
				Fault Group # 119	0.000016
				Fault Group # 120	0.000016
				Fault Group # 121	0.000016
				Fault Group # 122	0.000016
				Fault Group # 123	0.000016
			Fault Group # 125	0.000047	
			Fault Group # 146	0.000047	
	2	6.86	91.02	Fault Group # 115	0.000018
				Fault Group # 124	0.000016
	3	0.00	91.02	Fault Group # 88	0.001964

	17	8.98	100.00	Fault Group # 61	0.111998
ECU-29_ABS WARNING LED PCM Communications	17	0.00	0.00	Fault Group # 61	0.111998
ECU-BRAKE FLUID LED	1	17.23	17.23	Fault Group # 81	0.000081
				Fault Group # 82	0.000063
				Fault Group # 83	0.000047
				Fault Group # 84	0.000018
				Fault Group # 107	0.000052
				Fault Group # 108	0.000037
				Fault Group # 109	0.000018
				Fault Group # 110	0.000018
				Fault Group # 111	0.000018
				Fault Group # 112	0.000018
				Fault Group # 113	0.000018
				Fault Group # 114	0.000018
				Fault Group # 116	0.000063
				Fault Group # 117	0.000034
				Fault Group # 118	0.000016
				Fault Group # 119	0.000016
				Fault Group # 120	0.000016
				Fault Group # 121	0.000016
				Fault Group # 122	0.000016
				Fault Group # 123	0.000016
				Fault Group # 125	0.000047
				Fault Group # 146	0.000047
	2	0.00	17.23	Fault Group # 115	0.000018
				Fault Group # 124	0.000016
	3	0.00	17.23	Fault Group # 88	0.001964
	17	82.77	100.00	Fault Group # 61	0.111998
ECU-LF INLET SOL	1	0.00	0.00	Fault Group # 146	0.000047
	3	0.00	0.00	Fault Group # 88	0.001964
	17	100.00	100.00	Fault Group # 61	0.111998
ECU-LF OUTLET SOL	1	0.00	0.00	Fault Group # 146	0.000047
	3	0.00	0.00	Fault Group # 88	0.001964
	17	100.00	100.00	Fault Group # 61	0.111998
ECU-LR INLET SOL	1	0.00	0.00	Fault Group # 146	0.000047
	3	0.00	0.00	Fault Group # 88	0.001964
	17	100.00	100.00	Fault Group # 61	0.111998
ECU-LR OUTLET SOL	1	0.00	0.00	Fault Group # 146	0.000047
	3	0.00	0.00	Fault Group # 88	0.001964
	17	100.00	100.00	Fault Group # 61	0.111998
ECU-PCM COMM	17	0.00	0.00	Fault Group # 61	0.111998
ECU-RF INLET SOL	1	0.00	0.00	Fault Group # 146	0.000047
	3	0.00	0.00	Fault Group # 88	0.001964
	17	100.00	100.00	Fault Group # 61	0.111998
ECU-RF OUTLET SOL	1	0.00	0.00	Fault Group # 146	0.000047
	3	0.00	0.00	Fault Group # 88	0.001964
	17	100.00	100.00	Fault Group # 61	0.111998
ECU-RR INLET SOL	1	0.00	0.00	Fault Group # 146	0.000047
	3	0.00	0.00	Fault Group # 88	0.001964
	17	100.00	100.00	Fault Group # 61	0.111998
ECU-RR OUTLET SOL	1	0.00	0.00	Fault Group # 146	0.000047
	3	0.00	0.00	Fault Group # 88	0.001964
	17	100.00	100.00	Fault Group # 61	0.111998
F Pump PS	3	100.00	100.00	Fault Group # 88	0.001964
L Brake Bulb	1	100.00	100.00	Fault Group # 147	0.074936
LF Disc Assy:ABS Speed Sensor-SS Cable	2	100.00	100.00	Fault Group # 15	0.000630
				Fault Group # 63	0.000630
LF Disc Assy:Brake Valves-Back	17	100.00	100.00	Fault Group # 61	0.111998

<b>Pressure</b>					
<b>LF Disc Assy:Brake Valves-Inlet Valve-Current Load</b>	1 17	50.00 50.00	50.00 100.00	<b>Fault Group # 140</b> <b>Fault Group # 61</b>	0.000024 0.111998
<b>LF Disc Assy:Brake Valves-Inlet Valve-Pressure Build</b>	17	100.00	100.00	<b>Fault Group # 61</b>	0.111998
<b>LF Disc Assy:Brake Valves-Inlet Valve-Pressure Hold</b>	17	100.00	100.00	<b>Fault Group # 61</b>	0.111998
<b>LF Disc Assy:Brake Valves-Outlet Valve-Fluid Out To Reservoir</b>	17	100.00	100.00	<b>Fault Group # 61</b>	0.111998
<b>LF Disc Assy:Brake Valves-Outlet Valve-Outlet Solenoid Control Current Load</b>	1 17	50.00 50.00	50.00 100.00	<b>Fault Group # 140</b> <b>Fault Group # 61</b>	0.000024 0.111998
<b>LF Disc Assy:Brake Valves-Pressure Release</b>	17	100.00	100.00	<b>Fault Group # 61</b>	0.111998
<b>LF Tire-Air Containment</b>	17	100.00	100.00	<b>Fault Group # 61</b>	0.111998
<b>LF Tire-Traction</b>	1	100.00	100.00	<b>Fault Group # 3</b>	0.036506
<b>LF Wheel</b>	1	100.00	100.00	<b>Fault Group # 26</b> <b>Fault Group # 193</b>	0.000043 0.000043
<b>LR Disc Assy:ABS Speed Sensor-SS Cable</b>	2	100.00	100.00	<b>Fault Group # 17</b> <b>Fault Group # 65</b>	0.000630 0.000630
<b>LR Disc Assy:Brake Valves-Back Pressure</b>	17	100.00	100.00	<b>Fault Group # 61</b>	0.111998
<b>LR Disc Assy:Brake Valves-Inlet Valve-Current Load</b>	1 17	50.00 50.00	50.00 100.00	<b>Fault Group # 135</b> <b>Fault Group # 61</b>	0.000024 0.111998
<b>LR Disc Assy:Brake Valves-Inlet Valve-Pressure Build</b>	17	100.00	100.00	<b>Fault Group # 61</b>	0.111998
<b>LR Disc Assy:Brake Valves-Inlet Valve-Pressure Hold</b>	17	100.00	100.00	<b>Fault Group # 61</b>	0.111998
<b>LR Disc Assy:Brake Valves-Outlet Valve-Fluid Out To Reservoir</b>	17	100.00	100.00	<b>Fault Group # 61</b>	0.111998
<b>LR Disc Assy:Brake Valves-Outlet Valve-Outlet Solenoid Control Current Load</b>	1 17	50.00 50.00	50.00 100.00	<b>Fault Group # 135</b> <b>Fault Group # 61</b>	0.000024 0.111998
<b>LR Disc Assy:Brake Valves-Pressure Release</b>	17	100.00	100.00	<b>Fault Group # 61</b>	0.111998
<b>LR Tire-Air Containment</b>	17	100.00	100.00	<b>Fault Group # 61</b>	0.111998
<b>LR Tire-Traction</b>	1	100.00	100.00	<b>Fault Group # 2</b>	0.036506
<b>LR Wheel</b>	1	100.00	100.00	<b>Fault Group # 25</b> <b>Fault Group # 192</b>	0.000043 0.000043
<b>Master Cylinder-Front Cylinder Fluid</b>	1	100.00	100.00	<b>Fault Group # 8</b> <b>Fault Group # 22</b>	0.000677 0.001353
<b>Master Cylinder-Rear Cylinder Fluid</b>	1	100.00	100.00	<b>Fault Group # 8</b> <b>Fault Group # 22</b>	0.000677 0.001353
<b>Pump Relay Off</b>	2 17	50.00 50.00	50.00 100.00	<b>Fault Group # 106</b> <b>Fault Group # 61</b>	0.001188 0.111998
<b>Pump Relay On</b>	2	100.00	100.00	<b>Fault Group # 78</b>	0.009504
<b>R Brake Bulb</b>	1	100.00	100.00	<b>Fault Group # 149</b>	0.074936
<b>R Pump PS</b>	3	100.00	100.00	<b>Fault Group # 88</b>	0.001964
<b>Reservoir-Front Brake Fluid</b>	17	100.00	100.00	<b>Fault Group # 61</b>	0.111998
<b>Reservoir-Front Cylinder Intake</b>	17	100.00	100.00	<b>Fault Group # 61</b>	0.111998
<b>Reservoir-Rear Brake Fluid</b>	17	100.00	100.00	<b>Fault Group # 61</b>	0.111998
<b>Reservoir-Rear Cylinder Intake</b>	17	100.00	100.00	<b>Fault Group # 61</b>	0.111998
<b>RF Disc Assy:ABS Speed Sensor-SS Cable</b>	2	100.00	100.00	<b>Fault Group # 21</b> <b>Fault Group # 69</b>	0.000630 0.000630
<b>RF Disc Assy:Brake Valves-Back Pressure</b>	17	100.00	100.00	<b>Fault Group # 61</b>	0.111998
<b>RF Disc Assy:Brake Valves-Inlet</b>	1	50.00	50.00	<b>Fault Group # 145</b>	0.000024

Valve-Current Load	17	50.00	100.00	Fault Group # 61	0.111998
RF Disc Assy:Brake Valves-Inlet Valve-Pressure Build	17	100.00	100.00	Fault Group # 61	0.111998
RF Disc Assy:Brake Valves-Inlet Valve-Pressure Hold	17	100.00	100.00	Fault Group # 61	0.111998
RF Disc Assy:Brake Valves-Outlet Valve-Fluid Out To Reservoir	17	100.00	100.00	Fault Group # 61	0.111998
RF Disc Assy:Brake Valves-Outlet Valve-Outlet Solenoid Control Current Load	1 17	50.00 50.00	50.00 100.00	Fault Group # 145 Fault Group # 61	0.000024 0.111998
RF Disc Assy:Brake Valves-Pressure Release	17	100.00	100.00	Fault Group # 61	0.111998
RF Tire-Air Containment	17	100.00	100.00	Fault Group # 61	0.111998
RF Tire-Traction	1	100.00	100.00	Fault Group # 0	0.036506
RF Wheel	1	100.00	100.00	Fault Group # 23 Fault Group # 190	0.000043 0.000043
RR Disc Assy:ABS Speed Sensor-SS Cable	2	100.00	100.00	Fault Group # 19 Fault Group # 67	0.000630 0.000630
RR Disc Assy:Brake Valves-Back Pressure	17	100.00	100.00	Fault Group # 61	0.111998
RR Disc Assy:Brake Valves-Inlet Valve-Current Load	1 17	50.00 50.00	50.00 100.00	Fault Group # 130 Fault Group # 61	0.000024 0.111998
RR Disc Assy:Brake Valves-Inlet Valve-Pressure Build	17	100.00	100.00	Fault Group # 61	0.111998
RR Disc Assy:Brake Valves-Inlet Valve-Pressure Hold	17	100.00	100.00	Fault Group # 61	0.111998
RR Disc Assy:Brake Valves-Outlet Valve-Fluid Out To Reservoir	17	100.00	100.00	Fault Group # 61	0.111998
RR Disc Assy:Brake Valves-Outlet Valve-Outlet Solenoid Control Current Load	1 17	50.00 50.00	50.00 100.00	Fault Group # 130 Fault Group # 61	0.000024 0.111998
RR Disc Assy:Brake Valves-Pressure Release	17	100.00	100.00	Fault Group # 61	0.111998
RR Tire-Air Containment	17	100.00	100.00	Fault Group # 61	0.111998
RR Tire-Traction	1	100.00	100.00	Fault Group # 1	0.036506
RR Wheel	1	100.00	100.00	Fault Group # 24 Fault Group # 191	0.000043 0.000043
RW Brake Bulb	1	100.00	100.00	Fault Group # 150	0.074936
SENS CONN 1A-LF SS1	17	100.00	100.00	Fault Group # 61	0.111998
SENS CONN 1A-LR SS1	2 17	66.67 33.33	66.67 100.00	Fault Group # 115 Fault Group # 61	0.000018 0.111998
SENS CONN 2A-RF SS1	17	100.00	100.00	Fault Group # 61	0.111998
SENS CONN 2A-RR SS1	2 17	66.67 33.33	66.67 100.00	Fault Group # 124 Fault Group # 61	0.000016 0.111998
Solenoid Relay contact ATCM	2	100.00	100.00	Fault Group # 104	0.006543
Solenoid Relay contact GND	2	100.00	100.00	Fault Group # 102	0.007997