

Diagnostic Flow Table

<u>Record</u>	<u>Test / (Test Set)</u>	<u>Previous Record</u>	<u>Decision Path</u>	<u>Goto Record</u>
P1	Inspect for RF Tire Tread (1 - Tire Prognostics)		GOOD: Inspect for RR Tire Tread BAD: Isolated Fault Group # 0 (1 Item): RF Tire	P2
P2	Inspect for RR Tire Tread (1 - Tire Prognostics)	P1	GOOD: Inspect for LR Tire Tread BAD: Isolated Fault Group # 1 (1 Item): RR Tire	P3
P3	Inspect for LR Tire Tread (1 - Tire Prognostics)	P2	GOOD: Inspect for LF Tire Tread BAD: Isolated Fault Group # 2 (1 Item): LR Tire	P4
P4	Inspect for LF Tire Tread (1 - Tire Prognostics)	P3	GOOD: Lose of Power BAD: Isolated Fault Group # 3 (1 Item): LF Tire	1-0
1-0	Lose of Power (2 - Operator Detected Failure Effects)	P4	GOOD: Check Brake Linkage BAD: Check BATTERY	2-0 5-1
1-1	Check BATTERY (5 - Maintainer Isolation)	1-0	GOOD: Check Main Power Fuse BAD: Isolated Fault Group # 4 (1 Item): BATTERY	1-2
1-2	Check Main Power Fuse (5 - Maintainer Isolation)	1-1	GOOD: Isolated Fault Group # 6 (1 Item): Ignition Switch BAD: Isolated Fault Group # 5 (1 Item): Fuse	
2-0	Check Brake Linkage (3 - Operator Detection)	1-0	N/F: Automobile Start Test FOUND: Test for Pedal Linkage	3-0 6-1
2-1	Test for Pedal Linkage (7 - ABS Main Hydraulic elements tests)	2-0	N/F: test for Master Cylinder FOUND: Isolated Fault Group # 7 (1 Item): Brake Pedal	2-2
2-2 R	test for Master Cylinder (7 - ABS Main Hydraulic elements tests)	2-1	N/F: Isolated Fault Group # 9 (1 Item): Brake Pedal FOUND: Isolated Fault Group # 8 (1 Item): Master Cylinder	
3-0	Automobile Start Test (3 - Operator Detection)	2-0	GOOD: Brake Fluid Low BAD: Check BATTERY	4-0 7-1
3-1	Check BATTERY (5 - Maintainer Isolation)	3-0	GOOD: Check Main Power Fuse BAD: Isolated Fault Group # 10 (1 Item): BATTERY	3-2
3-2	Check Main Power Fuse (5 - Maintainer Isolation)	3-1	GOOD: Isolated Fault Group # 12 (1 Item): Ignition Switch BAD: Isolated Fault Group # 11 (1 Item): Fuse	
4-0	Brake Fluid Low (3 - Operator Detection)	3-0	GOOD: ABS Light Stays On BAD: Fill Brake Fluid	5-0 8-1
4-1	Fill Brake Fluid (8 - Replacement tests)	4-0	GOOD: test Sensor Rotor from Left Front Disk Cylinder BAD: Isolated Fault Group # 13 (1 Item): Brake Fluid	4-2
4-2	test Sensor Rotor from Left Front Disk Cylinder (9 - Brake Inspections)	4-1	N/F: test Sensor Rotor from Left Rear Disk Cylinder FOUND: Replace Speed Sensor LF	4-4 8-3
4-3	Replace Speed Sensor LF (8 - Replacement tests)	4-2	GOOD: Isolated Fault Group # 15 (2 Items): LF Disc Assy:ABS Speed Sensor LF Disc Assy:Tone Ring BAD: Isolated Fault Group # 14 (1 Item): LF Disc Assy:ABS Speed Sensor	
4-4	test Sensor Rotor from Left Rear Disk Cylinder (9 - Brake Inspections)	4-2	N/F: test Sensor Rotor from Right Rear Disk Cylinder FOUND: Replace Speed Sensor LR	4-6 8-5
4-5	Replace Speed Sensor LR (8 - Replacement tests)	4-4	GOOD: Isolated Fault Group # 17 (2 Items): LR Disc Assy:ABS Speed Sensor LR Disc Assy:Tone Ring BAD: Isolated Fault Group # 16 (1 Item): LR Disc Assy:ABS Speed Sensor	
4-6	test Sensor Rotor from Right Rear Disk Cylinder (9 - Brake Inspections)	4-4	N/F: test Sensor Rotor from Right Front Disk Cylinder FOUND: Replace Speed Sensor RR	4-8 8-7

4-7	Replace Speed Sensor RR (8 - Replacement tests)	4-6	GOOD: Isolated Fault Group # 19 (2 Items): RR Disc Assy:ABS Speed Sensor RR Disc Assy:Tone Ring	
			BAD: Isolated Fault Group # 18 (1 Item): RR Disc Assy:ABS Speed Sensor	
4-8	test Sensor Rotor from Right Front Disk Cylinder (9 - Brake Inspections)	4-6	N/F: test for Master Cylinder	4-10
			FOUND: Replace Speed Sensor RF	8-9
4-9	Replace Speed Sensor RF (8 - Replacement tests)	4-8	GOOD: Isolated Fault Group # 21 (2 Items): RF Disc Assy:ABS Speed Sensor RF Disc Assy:Tone Ring	
			BAD: Isolated Fault Group # 20 (1 Item): RF Disc Assy:ABS Speed Sensor	
4-10	test for Master Cylinder (7 - ABS Main Hydraulic elements tests)	4-8	N/F: Inspect RF Wheel for wear	4-11
			FOUND: Isolated Fault Group # 22 (1 Item): Master Cylinder	
4-11	Inspect RF Wheel for wear (4 - Maintainer Detection)	4-10	GOOD: Inspect RR Wheel for wear	4-12
			BAD: Isolated Fault Group # 23 (1 Item): RF Wheel	
4-12	Inspect RR Wheel for wear (4 - Maintainer Detection)	4-11	GOOD: Inspect LR Wheel for wear	4-13
			BAD: Isolated Fault Group # 24 (1 Item): RR Wheel	
4-13	Inspect LR Wheel for wear (4 - Maintainer Detection)	4-12	GOOD: Inspect LF Wheel for wear	4-14
			BAD: Isolated Fault Group # 25 (1 Item): LR Wheel	
4-14	Inspect LF Wheel for wear (4 - Maintainer Detection)	4-13	GOOD: Inspect RS Line for hydraulic leaks.	4-15
			BAD: Isolated Fault Group # 26 (1 Item): LF Wheel	
4-15	Inspect RS Line for hydraulic leaks. (7 - ABS Main Hydraulic elements tests)	4-14	GOOD: Inspect FS Line for hydraulic leaks.	4-16
			BAD: Isolated Fault Group # 27 (1 Item): RS Line	
4-16	Inspect FS Line for hydraulic leaks. (7 - ABS Main Hydraulic elements tests)	4-15	GOOD: test for Brake Hydraulic Piston 1 from Left Front Disk Cylinder	4-17
			BAD: Isolated Fault Group # 28 (1 Item): FS Line	
4-17	test for Brake Hydraulic Piston 1 from Left Front Disk Cylinder (9 - Brake Inspections)	4-16	N/F: test for Brake Hydraulic Piston 2 from Left Front Disk Cylinder	4-18
			FOUND: Isolated Fault Group # 29 (1 Item): LF Disc Assy:Caliper Assy	
4-18	test for Brake Hydraulic Piston 2 from Left Front Disk Cylinder (9 - Brake Inspections)	4-17	N/F: test for Brake Hydraulic Piston 1 from Left Rear Disk Cylinder	4-19
			FOUND: Isolated Fault Group # 30 (1 Item): LF Disc Assy:Caliper Assy	
4-19	test for Brake Hydraulic Piston 1 from Left Rear Disk Cylinder (9 - Brake Inspections)	4-18	N/F: test for Brake Hydraulic Piston 2 from Left Rear Disk Cylinder	4-20
			FOUND: Isolated Fault Group # 31 (1 Item): LR Disc Assy:Caliper Assy	
4-20	test for Brake Hydraulic Piston 2 from Left Rear Disk Cylinder (9 - Brake Inspections)	4-19	N/F: test for Brake Hydraulic Piston 1 from Right Rear Disk Cylinder	4-21
			FOUND: Isolated Fault Group # 32 (1 Item): LR Disc Assy:Caliper Assy	
4-21	test for Brake Hydraulic Piston 1 from Right Rear Disk Cylinder (9 - Brake Inspections)	4-20	N/F: test for Brake Hydraulic Piston 2 from Right Rear Disk Cylinder	4-22
			FOUND: Isolated Fault Group # 33 (1 Item): RR Disc Assy:Caliper Assy	
4-22	test for Brake Hydraulic Piston 2 from Right Rear Disk Cylinder (9 - Brake Inspections)	4-21	N/F: test for Brake Hydraulic Piston 1 from Right Front Disk Cylinder	4-23
			FOUND: Isolated Fault Group # 34 (1 Item): RR Disc Assy:Caliper Assy	
4-23	test for Brake Hydraulic Piston 1 from Right Front Disk Cylinder (9 - Brake Inspections)	4-22	N/F: test for Brake Hydraulic Piston 2 from Right Front Disk Cylinder	4-24
			FOUND: Isolated Fault Group # 35 (1 Item): RF Disc Assy:Caliper Assy	
4-24	test for Brake Hydraulic Piston 2 from Right Front Disk Cylinder (9 - Brake Inspections)	4-23	N/F: Inspect Brake Piston 2 for hydraulic leak. from RF Disk Cyl	4-25
			FOUND: Isolated Fault Group # 36 (1 Item): RF Disc Assy:Caliper Assy	
4-25	Inspect Brake Piston 2 for hydraulic leak. from RF Disk Cyl (7 - ABS Main Hydraulic elements tests)	4-24	GOOD: Inspect Brake Piston 1 for hydraulic leak. from RF Disk Cyl	4-26
			BAD: Isolated Fault Group # 37 (1 Item): RF Disc Assy:Caliper Assy	
4-26	Inspect Brake Piston 1 for hydraulic leak. from RF Disk Cyl (7 - ABS Main Hydraulic elements tests)	4-25	GOOD: Inspect Brake Piston 2 for hydraulic leak. from RR Disk Cyl	4-27
			BAD: Isolated Fault Group # 38 (1 Item): RF Disc Assy:Caliper Assy	
4-27	Inspect Brake Piston 2 for hydraulic leak. from RR Disk Cyl (7 - ABS Main Hydraulic elements tests)	4-26	GOOD: Inspect Brake Piston 1 for hydraulic leak. from RR Disk Cyl	4-28
			BAD: Isolated Fault Group # 39 (1 Item): RR Disc Assy:Caliper Assy	

4-28	Inspect Brake Piston 1 for hydraulic leak. from RR Disk Cyl (7 - ABS Main Hydraulic elements tests)	4-27	GOOD: BAD:	Inspect Brake Piston 2 for hydraulic leak. from LF Disk Cyl Isolated Fault Group # 40 (1 Item): RR Disc Assy:Caliper Assy	4-29
4-29	Inspect Brake Piston 2 for hydraulic leak. from LF Disk Cyl (7 - ABS Main Hydraulic elements tests)	4-28	GOOD: BAD:	Inspect Brake Piston 1 for hydraulic leak. from LF Disk Cyl Isolated Fault Group # 41 (1 Item): LF Disc Assy:Caliper Assy	4-30
4-30	Inspect Brake Piston 1 for hydraulic leak. from LF Disk Cyl (7 - ABS Main Hydraulic elements tests)	4-29	GOOD: BAD:	Inspect Brake Piston 2 for hydraulic leak. from LR Disk Cyl Isolated Fault Group # 42 (1 Item): LF Disc Assy:Caliper Assy	4-31
4-31	Inspect Brake Piston 2 for hydraulic leak. from LR Disk Cyl (7 - ABS Main Hydraulic elements tests)	4-30	GOOD: BAD:	Inspect Brake Piston 1 for hydraulic leak. from LR Disk Cyl Isolated Fault Group # 43 (1 Item): LR Disc Assy:Caliper Assy	4-32
4-32	Inspect Brake Piston 1 for hydraulic leak. from LR Disk Cyl (7 - ABS Main Hydraulic elements tests)	4-31	GOOD: BAD:	Inspect Outlet Solenoid Valve for hydraulic leak. from RF Disk Cyl Isolated Fault Group # 44 (1 Item): LR Disc Assy:Caliper Assy	4-33
4-33	Inspect Outlet Solenoid Valve for hydraulic leak. from RF Disk Cyl (7 - ABS Main Hydraulic elements tests)	4-32	GOOD: BAD:	Inspect Outlet Solenoid Valve for hydraulic leak. from RR Disk Cyl Isolated Fault Group # 45 (1 Item): RF Disc Assy:Brake Valves	4-34
4-34	Inspect Outlet Solenoid Valve for hydraulic leak. from RR Disk Cyl (7 - ABS Main Hydraulic elements tests)	4-33	GOOD: BAD:	Inspect Outlet Solenoid Valve for hydraulic leak. from LF Disk Cyl Isolated Fault Group # 46 (1 Item): RR Disc Assy:Brake Valves	4-35
4-35	Inspect Outlet Solenoid Valve for hydraulic leak. from LF Disk Cyl (7 - ABS Main Hydraulic elements tests)	4-34	GOOD: BAD:	Inspect Outlet Solenoid Valve for hydraulic leak. from LR Disk Cyl Isolated Fault Group # 47 (1 Item): LF Disc Assy:Brake Valves	4-36
4-36	Inspect Outlet Solenoid Valve for hydraulic leak. from LR Disk Cyl (7 - ABS Main Hydraulic elements tests)	4-35	GOOD: BAD:	Inspect Inlet Solenoid Valve for hydraulic leak. from RF Disk Cyl Isolated Fault Group # 48 (1 Item): LR Disc Assy:Brake Valves	4-37
4-37	Inspect Inlet Solenoid Valve for hydraulic leak. from RF Disk Cyl (7 - ABS Main Hydraulic elements tests)	4-36	GOOD: BAD:	Inspect Inlet Solenoid Valve for hydraulic leak. from RR Disk Cyl Isolated Fault Group # 49 (1 Item): RF Disc Assy:Brake Valves	4-38
4-38	Inspect Inlet Solenoid Valve for hydraulic leak. from RR Disk Cyl (7 - ABS Main Hydraulic elements tests)	4-37	GOOD: BAD:	Inspect Inlet Solenoid Valve for hydraulic leak. from LF Disk Cyl Isolated Fault Group # 50 (1 Item): RR Disc Assy:Brake Valves	4-39
4-39	Inspect Inlet Solenoid Valve for hydraulic leak. from LF Disk Cyl (7 - ABS Main Hydraulic elements tests)	4-38	GOOD: BAD:	Inspect Inlet Solenoid Valve for hydraulic leak. from LR Disk Cyl Isolated Fault Group # 51 (1 Item): LF Disc Assy:Brake Valves	4-40
4-40	Inspect Inlet Solenoid Valve for hydraulic leak. from LR Disk Cyl (7 - ABS Main Hydraulic elements tests)	4-39	GOOD: BAD:	Inspect Check Valve for clogged valve. from LR Disk Cyl Isolated Fault Group # 52 (1 Item): LR Disc Assy:Brake Valves	4-41
4-41	Inspect Check Valve for clogged valve. from LR Disk Cyl (7 - ABS Main Hydraulic elements tests)	4-40	GOOD: BAD:	Inspect Check Valve for clogged valve. from LF Disk Cyl Isolated Fault Group # 53 (1 Item): LR Disc Assy:Brake Valves	4-42
4-42	Inspect Check Valve for clogged valve. from LF Disk Cyl (7 - ABS Main Hydraulic elements tests)	4-41	GOOD: BAD:	Inspect Check Valve for clogged valve. from RR Disk Cyl Isolated Fault Group # 54 (1 Item): LF Disc Assy:Brake Valves	4-43
4-43	Inspect Check Valve for clogged valve. from RR Disk Cyl (7 - ABS Main Hydraulic elements tests)	4-42	GOOD: BAD:	Inspect Check Valve for clogged valve. from RF Disk Cyl Isolated Fault Group # 55 (1 Item): RR Disc Assy:Brake Valves	4-44
4-44	Inspect Check Valve for clogged valve. from RF Disk Cyl (7 - ABS Main Hydraulic elements tests)	4-43	GOOD: BAD:	Inspect Check Valve for Back Leakage. from LR Disk Cyl Isolated Fault Group # 56 (1 Item): RF Disc Assy:Brake Valves	4-45
4-45	Inspect Check Valve for Back Leakage. from LR Disk Cyl (7 - ABS Main Hydraulic elements tests)	4-44	GOOD: BAD:	Inspect Check Valve for Back Leakage. from LF Disk Cyl Isolated Fault Group # 57 (1 Item): LR Disc Assy:Brake Valves	4-46
4-46	Inspect Check Valve for Back Leakage. from LF Disk Cyl (7 - ABS Main Hydraulic elements tests)	4-45	GOOD: BAD:	Inspect Check Valve for Back Leakage. from RR Disk Cyl Isolated Fault Group # 58 (1 Item): LF Disc Assy:Brake Valves	4-47
4-47	Inspect Check Valve for Back Leakage. from RR Disk Cyl (7 - ABS Main Hydraulic elements tests)	4-46	GOOD: BAD:	Inspect Check Valve for Back Leakage. from RF Disk Cyl Isolated Fault Group # 59 (1 Item): RR Disc Assy:Brake Valves	4-48
4-48	Inspect Check Valve for Back Leakage. from RF Disk Cyl (7 - ABS Main Hydraulic elements tests)	4-47	GOOD:	Isolated Fault Group # 61 (17 Items): BF Level Sensor Brake Fluid LED Brake Light SW DIAG CONN ECU	

					LF Disc Assy:Brake Valves LF Tire LR Disc Assy:Brake Valves LR Tire Pump Relay Reservoir RF Disc Assy:Brake Valves RF Tire RR Disc Assy:Brake Valves RR Tire SENS CONN 1A SENS CONN 2A	
			BAD:	Isolated Fault Group # 60 (1 Item): RF Disc Assy:Brake Valves		
5-0	ABS Light Stays On (3 - Operator Detection)	4-0	GOOD:	Check Left Brake Light Failed	6-0	
			BAD:	test Sensor Rotor from Left Front Disk Cylinder	9-1	
5-1	test Sensor Rotor from Left Front Disk Cylinder (9 - Brake Inspections)	5-0	N/F:	test Sensor Rotor from Left Rear Disk Cylinder	5-3	
			FOUND:	Replace Speed Sensor LF	9-2	
5-2	Replace Speed Sensor LF (8 - Replacement tests)	5-1	GOOD:	Isolated Fault Group # 63 (2 Items): LF Disc Assy:ABS Speed Sensor LF Disc Assy:Tone Ring		
			BAD:	Isolated Fault Group # 62 (1 Item): LF Disc Assy:ABS Speed Sensor		
5-3	test Sensor Rotor from Left Rear Disk Cylinder (9 - Brake Inspections)	5-1	N/F:	test Sensor Rotor from Right Rear Disk Cylinder	5-5	
			FOUND:	Replace Speed Sensor LR	9-4	
5-4	Replace Speed Sensor LR (8 - Replacement tests)	5-3	GOOD:	Isolated Fault Group # 65 (2 Items): LR Disc Assy:ABS Speed Sensor LR Disc Assy:Tone Ring		
			BAD:	Isolated Fault Group # 64 (1 Item): LR Disc Assy:ABS Speed Sensor		
5-5	test Sensor Rotor from Right Rear Disk Cylinder (9 - Brake Inspections)	5-3	N/F:	test Sensor Rotor from Right Front Disk Cylinder	5-7	
			FOUND:	Replace Speed Sensor RR	9-6	
5-6	Replace Speed Sensor RR (8 - Replacement tests)	5-5	GOOD:	Isolated Fault Group # 67 (2 Items): RR Disc Assy:ABS Speed Sensor RR Disc Assy:Tone Ring		
			BAD:	Isolated Fault Group # 66 (1 Item): RR Disc Assy:ABS Speed Sensor		
5-7	test Sensor Rotor from Right Front Disk Cylinder (9 - Brake Inspections)	5-5	N/F:	Check Diagnostic Connector	5-9	
			FOUND:	Replace Speed Sensor RF	9-8	
5-8	Replace Speed Sensor RF (8 - Replacement tests)	5-7	GOOD:	Isolated Fault Group # 69 (2 Items): RF Disc Assy:ABS Speed Sensor RF Disc Assy:Tone Ring		
			BAD:	Isolated Fault Group # 68 (1 Item): RF Disc Assy:ABS Speed Sensor		
5-9	Check Diagnostic Connector (6 - Mechanic Diagnostic ABM Light Code tests both sides)	5-7	GOOD:	ECU:Code 51 Pump Motor Locked	5-10	
			BAD:	Isolated Fault Group # 70 (1 Item): DIAG CONN		
5-10	ECU:Code 51 Pump Motor Locked (6 - Mechanic Diagnostic ABM Light Code tests both sides)	5-9	GOOD:	ECU:Code 12 Short Circuit in Solenoid Relay Circuit	5-28	
			BAD:	ECU:Code 13 Open circuit in ABS motor relay circuit	9-11	
5-11	ECU:Code 13 Open circuit in ABS motor relay circuit (6 - Mechanic Diagnostic ABM Light Code tests both sides)	5-10	GOOD:	Inspect For Hydraulic Leak (F Pump)	5-19	
			BAD:	ECU:Code 62 ECU Malfunction	9-12	
5-12 R	ECU:Code 62 ECU Malfunction (6 - Mechanic Diagnostic ABM Light Code tests both sides)	5-11	GOOD:	ECU:Code 12 Short Circuit in Solenoid Relay Circuit	5-13	
			BAD:	Isolated Fault Group # 71 (1 Item): [Cutoffs] ECU		
5-13 R	ECU:Code 12 Short Circuit in Solenoid Relay Circuit (6 - Mechanic Diagnostic ABM Light Code tests both sides)	5-12	GOOD:	ECU:Code 14 Short Circuit in ABS motor relay circuit	5-18	
			BAD:	ECU:Code 23 problem in Right Rear Solenoid Circuit	9-14	
5-14 R	ECU:Code 23 problem in Right Rear Solenoid Circuit (6 - Mechanic Diagnostic ABM Light Code tests both sides)	5-13	GOOD:	ECU:Code 24 problem in Left Rear Solenoid Circuit	5-15	
			BAD:	Isolated Fault Group # 72 (1 Item): [Cutoffs] ECU		
5-15 R	ECU:Code 24 problem in Left Rear Solenoid Circuit (6 - Mechanic Diagnostic ABM Light Code tests both sides)	5-14	GOOD:	ECU:Code 22 problem in Left Front Solenoid Circuit	5-16	
			BAD:	Isolated Fault Group # 73 (1 Item): ECU		
5-16 R	ECU:Code 22 problem in Left Front Solenoid Circuit (6 - Mechanic Diagnostic ABM Light Code tests both sides)	5-15	GOOD:	ECU:Code 21 problem in Right Front Solenoid Circuit	5-17	
			BAD:	Isolated Fault Group # 74 (1 Item): ECU		
5-17 R	ECU:Code 21 problem in Right Front Solenoid Circuit (6 - Mechanic Diagnostic ABM Light Code tests both sides)	5-16	GOOD:	Isolated Fault Group # 76 (1 Item): ECU		
			BAD:	Isolated Fault Group # 75 (1 Item): ECU		

5-18	R	ECU:Code 14 Short Circuit in ABS motor relay circuit (6 - Mechanic Diagnostic ABM Light Code tests both sides)	5-13	GOOD:	Isolated Fault Group # 78 (2 Items): ECU Pump Relay	
				BAD:	Isolated Fault Group # 77 (1 Item): ECU	
5-19		Inspect For Hydraulic Leak (F Pump) (7 - ABS Main Hydraulic elements tests)	5-11	GOOD:	Inspect For Hydraulic Leak (R Pump)	5-20
				BAD:	Isolated Fault Group # 79 (1 Item): Front Pump	
5-20		Inspect For Hydraulic Leak (R Pump) (7 - ABS Main Hydraulic elements tests)	5-19	GOOD:	ECU:Code 34 Left Rear Wheel Speed Sensor Problem	5-21
				BAD:	Isolated Fault Group # 80 (1 Item): Rear Pump	
5-21	R	ECU:Code 34 Left Rear Wheel Speed Sensor Problem (6 - Mechanic Diagnostic ABM Light Code tests both sides)	5-20	GOOD:	ECU:Code 33 Right Rear Wheel Speed Sensor Problem	5-22
				BAD:	Isolated Fault Group # 81 (1 Item): [Cutoffs] ECU	
5-22	R	ECU:Code 33 Right Rear Wheel Speed Sensor Problem (6 - Mechanic Diagnostic ABM Light Code tests both sides)	5-21	GOOD:	ECU:Code 32 Left Front Wheel Speed Sensor Problem	5-23
				BAD:	Isolated Fault Group # 82 (1 Item): [Cutoffs] ECU	
5-23	R	ECU:Code 32 Left Front Wheel Speed Sensor Problem (6 - Mechanic Diagnostic ABM Light Code tests both sides)	5-22	GOOD:	ECU:Code 31 Right Front Wheel Speed Sensor Problem	5-24
				BAD:	Isolated Fault Group # 83 (1 Item): [Cutoffs] ECU	
5-24	R	ECU:Code 31 Right Front Wheel Speed Sensor Problem (6 - Mechanic Diagnostic ABM Light Code tests both sides)	5-23	GOOD:	ECU:Code 12 Short Circuit in Solenoid Relay Circuit	5-25
				BAD:	Isolated Fault Group # 84 (1 Item): ECU	
5-25	R	ECU:Code 12 Short Circuit in Solenoid Relay Circuit (6 - Mechanic Diagnostic ABM Light Code tests both sides)	5-24	GOOD:	ECU:Code 11 Open Circuit in Solenoid Relay Circuit	5-26
				BAD:	Isolated Fault Group # 85 (1 Item): ECU	
5-26	R	ECU:Code 11 Open Circuit in Solenoid Relay Circuit (6 - Mechanic Diagnostic ABM Light Code tests both sides)	5-25	GOOD:	ECU:Code 14 Short Circuit in ABS motor relay circuit	5-27
				BAD:	Isolated Fault Group # 86 (1 Item): ECU	
5-27	R	ECU:Code 14 Short Circuit in ABS motor relay circuit (6 - Mechanic Diagnostic ABM Light Code tests both sides)	5-26	GOOD:	Isolated Fault Group # 88 (3 Items): ECU F Pump PS R Pump PS	
				BAD:	Isolated Fault Group # 87 (1 Item): ECU	
5-28	R	ECU:Code 12 Short Circuit in Solenoid Relay Circuit (6 - Mechanic Diagnostic ABM Light Code tests both sides)	5-10	GOOD:	ECU:Code 41 Low Battery Positive Voltage	5-42
				BAD:	ECU:Code 62 ECU Malfunction	9-29
5-29	R	ECU:Code 62 ECU Malfunction (6 - Mechanic Diagnostic ABM Light Code tests both sides)	5-28	GOOD:	ECU:Code 11 Open Circuit in Solenoid Relay Circuit	5-30
				BAD:	Isolated Fault Group # 89 (1 Item): ECU	
5-30	R	ECU:Code 11 Open Circuit in Solenoid Relay Circuit (6 - Mechanic Diagnostic ABM Light Code tests both sides)	5-29	GOOD:	Isolated Fault Group # 102 (2 Items): ECU Solenoid Relay	
				BAD:	ECU:Code 63 Mechanic Input malfunction	9-31
5-31	R	ECU:Code 63 Mechanic Input malfunction (6 - Mechanic Diagnostic ABM Light Code tests both sides)	5-30	GOOD:	ECU:Code 41 Low Battery Positive Voltage	5-32
				BAD:	Isolated Fault Group # 90 (1 Item): [Cutoffs] ECU	
5-32	R	ECU:Code 41 Low Battery Positive Voltage (6 - Mechanic Diagnostic ABM Light Code tests both sides)	5-31	GOOD:	ECU:Code 39 Right Rear Speed Sensor Timing problem	5-33
				BAD:	Isolated Fault Group # 91 (1 Item): [Cutoffs] ECU	
5-33	R	ECU:Code 39 Right Rear Speed Sensor Timing problem (6 - Mechanic Diagnostic ABM Light Code tests both sides)	5-32	GOOD:	ECU:Code 38 Left Rear Speed Sensor Timing problem	5-34
				BAD:	Isolated Fault Group # 92 (1 Item): [Cutoffs] ECU	
5-34	R	ECU:Code 38 Left Rear Speed Sensor Timing problem (6 - Mechanic Diagnostic ABM Light Code tests both sides)	5-33	GOOD:	ECU:Code 37 Left Front Speed Sensor Timing problem	5-35
				BAD:	Isolated Fault Group # 93 (1 Item): [Cutoffs] ECU	
5-35	R	ECU:Code 37 Left Front Speed Sensor Timing problem (6 - Mechanic Diagnostic ABM Light Code tests both sides)	5-34	GOOD:	ECU:Code 36 Right Front Speed Sensor Timing problem	5-36
				BAD:	Isolated Fault Group # 94 (1 Item): [Cutoffs] ECU	
5-36	R	ECU:Code 36 Right Front Speed Sensor Timing problem (6 - Mechanic Diagnostic ABM Light Code tests both sides)	5-35	GOOD:	ECU:Code 23 problem in Right Rear Solenoid Circuit	5-37
				BAD:	Isolated Fault Group # 95 (1 Item): [Cutoffs] ECU	
5-37	R	ECU:Code 23 problem in Right Rear Solenoid Circuit (6 - Mechanic Diagnostic ABM Light Code tests both sides)	5-36	GOOD:	ECU:Code 24 problem in Left Rear Solenoid Circuit	5-38
				BAD:	Isolated Fault Group # 96 (1 Item): [Cutoffs] ECU	
5-38	R	ECU:Code 24 problem in Left Rear Solenoid Circuit (6 - Mechanic Diagnostic ABM Light Code tests both sides)	5-37	GOOD:	ECU:Code 22 problem in Left Front Solenoid Circuit	5-39
				BAD:	Isolated Fault Group # 97 (1 Item):	

			ECU	
5-39 R	ECU:Code 22 problem in Left Front Solenoid Circuit (6 - Mechanic Diagnostic ABM Light Code tests both sides)	5-38	GOOD: ECU:Code 21 problem in Right Front Solenoid Circuit BAD: Isolated Fault Group # 98 (1 Item): ECU	5-40
5-40 R	ECU:Code 21 problem in Right Front Solenoid Circuit (6 - Mechanic Diagnostic ABM Light Code tests both sides)	5-39	GOOD: ECU:Code 14 Short Circuit in ABS motor relay circuit BAD: Isolated Fault Group # 99 (1 Item): ECU	5-41
5-41 R	ECU:Code 14 Short Circuit in ABS motor relay circuit (6 - Mechanic Diagnostic ABM Light Code tests both sides)	5-40	GOOD: Isolated Fault Group # 101 (1 Item): ECU BAD: Isolated Fault Group # 100 (1 Item): ECU	
5-42	ECU:Code 41 Low Battery Positive Voltage (6 - Mechanic Diagnostic ABM Light Code tests both sides)	5-28	GOOD: ECU:Code 11 Open Circuit in Solenoid Relay Circuit BAD: Isolated Fault Group # 103 (1 Item): BATTERY	5-43
5-43 R	ECU:Code 11 Open Circuit in Solenoid Relay Circuit (6 - Mechanic Diagnostic ABM Light Code tests both sides)	5-42	GOOD: ECU:Code 14 Short Circuit in ABS motor relay circuit BAD: Isolated Fault Group # 104 (2 Items): ECU Solenoid Relay	5-44
5-44	ECU:Code 14 Short Circuit in ABS motor relay circuit (6 - Mechanic Diagnostic ABM Light Code tests both sides)	5-43	GOOD: ECU:Code 34 Left Rear Wheel Speed Sensor Problem BAD: ECU:Code 13 Open circuit in ABS motor relay circuit	5-46 9-45
5-45	ECU:Code 13 Open circuit in ABS motor relay circuit (6 - Mechanic Diagnostic ABM Light Code tests both sides)	5-44	GOOD: Isolated Fault Group # 106 (2 Items): ECU Pump Relay BAD: Isolated Fault Group # 105 (1 Item): ECU	
5-46	ECU:Code 34 Left Rear Wheel Speed Sensor Problem (6 - Mechanic Diagnostic ABM Light Code tests both sides)	5-44	GOOD: ECU:Code 33 Right Rear Wheel Speed Sensor Problem BAD: ECU:Code 38 Left Rear Speed Sensor Timing problem	5-56 9-47
5-47	ECU:Code 38 Left Rear Speed Sensor Timing problem (6 - Mechanic Diagnostic ABM Light Code tests both sides)	5-46	GOOD: Isolated Fault Group # 116 (1 Item): [Cutoffs] ECU BAD: ECU:Code 33 Right Rear Wheel Speed Sensor Problem	9-48
5-48 R	ECU:Code 33 Right Rear Wheel Speed Sensor Problem (6 - Mechanic Diagnostic ABM Light Code tests both sides)	5-47	GOOD: ECU:Code 31 Right Front Wheel Speed Sensor Problem BAD: Isolated Fault Group # 107 (1 Item): [Cutoffs] ECU	5-49
5-49 R	ECU:Code 31 Right Front Wheel Speed Sensor Problem (6 - Mechanic Diagnostic ABM Light Code tests both sides)	5-48	GOOD: ECU:Code 63 Mechanic Input malfunction BAD: Isolated Fault Group # 108 (1 Item): [Cutoffs] ECU	5-50
5-50 R	ECU:Code 63 Mechanic Input malfunction (6 - Mechanic Diagnostic ABM Light Code tests both sides)	5-49	GOOD: ECU:Code 62 ECU Malfunction BAD: Isolated Fault Group # 109 (1 Item): ECU	5-51
5-51 R	ECU:Code 62 ECU Malfunction (6 - Mechanic Diagnostic ABM Light Code tests both sides)	5-50	GOOD: ECU:Code 32 Left Front Wheel Speed Sensor Problem BAD: Isolated Fault Group # 110 (1 Item): ECU	5-52
5-52 R	ECU:Code 32 Left Front Wheel Speed Sensor Problem (6 - Mechanic Diagnostic ABM Light Code tests both sides)	5-51	GOOD: ECU:Code 39 Right Rear Speed Sensor Timing problem BAD: Isolated Fault Group # 111 (1 Item): ECU	5-53
5-53 R	ECU:Code 39 Right Rear Speed Sensor Timing problem (6 - Mechanic Diagnostic ABM Light Code tests both sides)	5-52	GOOD: ECU:Code 37 Left Front Speed Sensor Timing problem BAD: Isolated Fault Group # 112 (1 Item): ECU	5-54
5-54 R	ECU:Code 37 Left Front Speed Sensor Timing problem (6 - Mechanic Diagnostic ABM Light Code tests both sides)	5-53	GOOD: ECU:Code 36 Right Front Speed Sensor Timing problem BAD: Isolated Fault Group # 113 (1 Item): ECU	5-55
5-55 R	ECU:Code 36 Right Front Speed Sensor Timing problem (6 - Mechanic Diagnostic ABM Light Code tests both sides)	5-54	GOOD: Isolated Fault Group # 115 (2 Items): ECU SENS CONN 1A BAD: Isolated Fault Group # 114 (1 Item): ECU	
5-56	ECU:Code 33 Right Rear Wheel Speed Sensor Problem (6 - Mechanic Diagnostic ABM Light Code tests both sides)	5-46	GOOD: ECU:Code 23 problem in Right Rear Solenoid Circuit BAD: ECU:Code 39 Right Rear Speed Sensor Timing problem	5-65 9-57
5-57	ECU:Code 39 Right Rear Speed Sensor Timing problem (6 - Mechanic Diagnostic ABM Light Code tests both sides)	5-56	GOOD: Isolated Fault Group # 125 (1 Item): [Cutoffs] ECU BAD: ECU:Code 31 Right Front Wheel Speed Sensor Problem	9-58
5-58 R	ECU:Code 31 Right Front Wheel Speed Sensor Problem (6 - Mechanic Diagnostic ABM Light Code tests both sides)	5-57	GOOD: ECU:Code 63 Mechanic Input malfunction BAD: Isolated Fault Group # 117 (1 Item): [Cutoffs] ECU	5-59
5-59 R	ECU:Code 63 Mechanic Input malfunction (6 - Mechanic Diagnostic ABM Light Code tests both sides)	5-58	GOOD: ECU:Code 62 ECU Malfunction BAD: Isolated Fault Group # 118 (1 Item):	5-60

			ECU	
5-60	R ECU:Code 62 ECU Malfunction (6 - Mechanic Diagnostic ABM Light Code tests both sides)	5-59	GOOD: ECU:Code 32 Left Front Wheel Speed Sensor Problem BAD: Isolated Fault Group # 119 (1 Item): ECU	5-61
5-61	R ECU:Code 32 Left Front Wheel Speed Sensor Problem (6 - Mechanic Diagnostic ABM Light Code tests both sides)	5-60	GOOD: ECU:Code 38 Left Rear Speed Sensor Timing problem BAD: Isolated Fault Group # 120 (1 Item): ECU	5-62
5-62	ECU:Code 38 Left Rear Speed Sensor Timing problem (6 - Mechanic Diagnostic ABM Light Code tests both sides)	5-61	GOOD: ECU:Code 37 Left Front Speed Sensor Timing problem BAD: Isolated Fault Group # 121 (1 Item): ECU	5-63
5-63	R ECU:Code 37 Left Front Speed Sensor Timing problem (6 - Mechanic Diagnostic ABM Light Code tests both sides)	5-62	GOOD: ECU:Code 36 Right Front Speed Sensor Timing problem BAD: Isolated Fault Group # 122 (1 Item): ECU	5-64
5-64	R ECU:Code 36 Right Front Speed Sensor Timing problem (6 - Mechanic Diagnostic ABM Light Code tests both sides)	5-63	GOOD: Isolated Fault Group # 124 (2 Items): ECU SENS CONN 2A BAD: Isolated Fault Group # 123 (1 Item): ECU	
5-65	ECU:Code 23 problem in Right Rear Solenoid Circuit (6 - Mechanic Diagnostic ABM Light Code tests both sides)	5-56	GOOD: ECU:Code 24 problem in Left Rear Solenoid Circuit BAD: Inspect Outlet Solenoid Valve for hydraulic leak. from RR Disk Cyl	5-70 9-66
5-66	Inspect Outlet Solenoid Valve for hydraulic leak. from RR Disk Cyl (7 - ABS Main Hydraulic elements tests)	5-65	GOOD: Inspect Inlet Solenoid Value for hydraulic leak. from RR Disk Cyl BAD: Isolated Fault Group # 126 (1 Item): RR Disc Assy:Brake Valves	5-67
5-67	Inspect Inlet Solenoid Value for hydraulic leak. from RR Disk Cyl (7 - ABS Main Hydraulic elements tests)	5-66	GOOD: Inspect Check Valve for clogged valve. from RR Disk Cyl BAD: Isolated Fault Group # 127 (1 Item): RR Disc Assy:Brake Valves	5-68
5-68	Inspect Check Valve for clogged valve. from RR Disk Cyl (7 - ABS Main Hydraulic elements tests)	5-67	GOOD: Inspect Check Valve for Back Leakage. from RR Disk Cyl BAD: Isolated Fault Group # 128 (1 Item): RR Disc Assy:Brake Valves	5-69
5-69	Inspect Check Valve for Back Leakage. from RR Disk Cyl (7 - ABS Main Hydraulic elements tests)	5-68	GOOD: Isolated Fault Group # 130 (1 Item): RR Disc Assy:Brake Valves BAD: Isolated Fault Group # 129 (1 Item): RR Disc Assy:Brake Valves	
5-70	ECU:Code 24 problem in Left Rear Solenoid Circuit (6 - Mechanic Diagnostic ABM Light Code tests both sides)	5-65	GOOD: ECU:Code 22 problem in Left Front Solenoid Circuit BAD: Inspect Outlet Solenoid Valve for hydraulic leak. from LR Disk Cyl	5-75 9-71
5-71	Inspect Outlet Solenoid Valve for hydraulic leak. from LR Disk Cyl (7 - ABS Main Hydraulic elements tests)	5-70	GOOD: Inspect Inlet Solenoid Value for hydraulic leak. from LR Disk Cyl BAD: Isolated Fault Group # 131 (1 Item): LR Disc Assy:Brake Valves	5-72
5-72	Inspect Inlet Solenoid Value for hydraulic leak. from LR Disk Cyl (7 - ABS Main Hydraulic elements tests)	5-71	GOOD: Inspect Check Valve for clogged valve. from LR Disk Cyl BAD: Isolated Fault Group # 132 (1 Item): LR Disc Assy:Brake Valves	5-73
5-73	Inspect Check Valve for clogged valve. from LR Disk Cyl (7 - ABS Main Hydraulic elements tests)	5-72	GOOD: Inspect Check Valve for Back Leakage. from LR Disk Cyl BAD: Isolated Fault Group # 133 (1 Item): LR Disc Assy:Brake Valves	5-74
5-74	Inspect Check Valve for Back Leakage. from LR Disk Cyl (7 - ABS Main Hydraulic elements tests)	5-73	GOOD: Isolated Fault Group # 135 (1 Item): LR Disc Assy:Brake Valves BAD: Isolated Fault Group # 134 (1 Item): LR Disc Assy:Brake Valves	
5-75	ECU:Code 22 problem in Left Front Solenoid Circuit (6 - Mechanic Diagnostic ABM Light Code tests both sides)	5-70	GOOD: ECU:Code 21 problem in Right Front Solenoid Circuit BAD: Inspect Outlet Solenoid Valve for hydraulic leak. from LF Disk Cyl	5-80 9-76
5-76	Inspect Outlet Solenoid Valve for hydraulic leak. from LF Disk Cyl (7 - ABS Main Hydraulic elements tests)	5-75	GOOD: Inspect Inlet Solenoid Value for hydraulic leak. from LF Disk Cyl BAD: Isolated Fault Group # 136 (1 Item): LF Disc Assy:Brake Valves	5-77
5-77	Inspect Inlet Solenoid Value for hydraulic leak. from LF Disk Cyl (7 - ABS Main Hydraulic elements tests)	5-76	GOOD: Inspect Check Valve for clogged valve. from LF Disk Cyl BAD: Isolated Fault Group # 137 (1 Item): LF Disc Assy:Brake Valves	5-78
5-78	Inspect Check Valve for clogged valve. from LF Disk Cyl (7 - ABS Main Hydraulic elements tests)	5-77	GOOD: Inspect Check Valve for Back Leakage. from LF Disk Cyl BAD: Isolated Fault Group # 138 (1 Item): LF Disc Assy:Brake Valves	5-79
5-79	Inspect Check Valve for Back Leakage. from LF Disk Cyl (7 - ABS Main Hydraulic elements tests)	5-78	GOOD: Isolated Fault Group # 140 (1 Item): LF Disc Assy:Brake Valves BAD: Isolated Fault Group # 139 (1 Item): LF Disc Assy:Brake Valves	
5-80	ECU:Code 21 problem in Right Front Solenoid Circuit (6 - Mechanic Diagnostic ABM Light Code tests both sides)	5-75	GOOD: Isolated Fault Group # 146 (1 Item): [Cutoffs] ECU BAD: Inspect Outlet Solenoid Valve for hydraulic leak. from RF Disk Cyl	9-81

5-81	Inspect Outlet Solenoid Valve for hydraulic leak. from RF Disk Cyl (7 - ABS Main Hydraulic elements tests)	5-80	GOOD: Inspect Inlet Solenoid Valve for hydraulic leak. from RF Disk Cyl BAD: Isolated Fault Group # 141 (1 Item): RF Disc Assy:Brake Valves	5-82
5-82	Inspect Inlet Solenoid Valve for hydraulic leak. from RF Disk Cyl (7 - ABS Main Hydraulic elements tests)	5-81	GOOD: Inspect Check Valve for clogged valve. from RF Disk Cyl BAD: Isolated Fault Group # 142 (1 Item): RF Disc Assy:Brake Valves	5-83
5-83	Inspect Check Valve for clogged valve. from RF Disk Cyl (7 - ABS Main Hydraulic elements tests)	5-82	GOOD: Inspect Check Valve for Back Leakage. from RF Disk Cyl BAD: Isolated Fault Group # 143 (1 Item): RF Disc Assy:Brake Valves	5-84
5-84	Inspect Check Valve for Back Leakage. from RF Disk Cyl (7 - ABS Main Hydraulic elements tests)	5-83	GOOD: Isolated Fault Group # 145 (1 Item): RF Disc Assy:Brake Valves BAD: Isolated Fault Group # 144 (1 Item): RF Disc Assy:Brake Valves	
6-0	Check Left Brake Light Failed (3 - Operator Detection)	5-0	GOOD: Check Right Brake Light Failed BAD: test for L Brake Light Bulb	7-0 10-1
6-1	test for L Brake Light Bulb (8 - Replacement tests)	6-0	GOOD: Isolated Fault Group # 148 (1 Item): Brake Light SW BAD: Isolated Fault Group # 147 (1 Item): L Brake Bulb	
7-0	Check Right Brake Light Failed (3 - Operator Detection)	6-0	GOOD: Check Rear Window Brake Light Failed BAD: Isolated Fault Group # 149 (1 Item): R Brake Bulb	8-0
8-0	Check Rear Window Brake Light Failed (3 - Operator Detection)	7-0	GOOD: Hydraulic Leak BAD: Isolated Fault Group # 150 (1 Item): RW Brake Bulb	9-0
9-0	Hydraulic Leak (2 - Operator Detected Failure Effects)	8-0	GOOD: Braking Squeal BAD: Inspect RS Line for hydraulic leaks.	10-0 13-1
9-1	Inspect RS Line for hydraulic leaks. (7 - ABS Main Hydraulic elements tests)	9-0	GOOD: Inspect RR Line for hydraulic leaks. BAD: Isolated Fault Group # 151 (1 Item): RS Line	9-2
9-2	Inspect RR Line for hydraulic leaks. (7 - ABS Main Hydraulic elements tests)	9-1	GOOD: Inspect FS Line for hydraulic leaks. BAD: Isolated Fault Group # 152 (1 Item): RR Line	9-3
9-3	Inspect FS Line for hydraulic leaks. (7 - ABS Main Hydraulic elements tests)	9-2	GOOD: Inspect FR Line for hydraulic leaks. BAD: Isolated Fault Group # 153 (1 Item): FS Line	9-4
9-4	Inspect FR Line for hydraulic leaks. (7 - ABS Main Hydraulic elements tests)	9-3	GOOD: Inspect Brake Piston 2 for hydraulic leak. from RF Disk Cyl BAD: Isolated Fault Group # 154 (1 Item): FR Line	9-5
9-5	Inspect Brake Piston 2 for hydraulic leak. from RF Disk Cyl (7 - ABS Main Hydraulic elements tests)	9-4	GOOD: Inspect Brake Piston 1 for hydraulic leak. from RF Disk Cyl BAD: Isolated Fault Group # 155 (1 Item): RF Disc Assy:Caliper Assy	9-6
9-6	Inspect Brake Piston 1 for hydraulic leak. from RF Disk Cyl (7 - ABS Main Hydraulic elements tests)	9-5	GOOD: Inspect Brake Piston 2 for hydraulic leak. from RR Disk Cyl BAD: Isolated Fault Group # 156 (1 Item): RF Disc Assy:Caliper Assy	9-7
9-7	Inspect Brake Piston 2 for hydraulic leak. from RR Disk Cyl (7 - ABS Main Hydraulic elements tests)	9-6	GOOD: Inspect Brake Piston 1 for hydraulic leak. from RR Disk Cyl BAD: Isolated Fault Group # 157 (1 Item): RR Disc Assy:Caliper Assy	9-8
9-8	Inspect Brake Piston 1 for hydraulic leak. from RR Disk Cyl (7 - ABS Main Hydraulic elements tests)	9-7	GOOD: Inspect Brake Piston 2 for hydraulic leak. from LF Disk Cyl BAD: Isolated Fault Group # 158 (1 Item): RR Disc Assy:Caliper Assy	9-9
9-9	Inspect Brake Piston 2 for hydraulic leak. from LF Disk Cyl (7 - ABS Main Hydraulic elements tests)	9-8	GOOD: Inspect Brake Piston 1 for hydraulic leak. from LF Disk Cyl BAD: Isolated Fault Group # 159 (1 Item): LF Disc Assy:Caliper Assy	9-10
9-10	Inspect Brake Piston 1 for hydraulic leak. from LF Disk Cyl (7 - ABS Main Hydraulic elements tests)	9-9	GOOD: Inspect Brake Piston 2 for hydraulic leak. from LR Disk Cyl BAD: Isolated Fault Group # 160 (1 Item): LF Disc Assy:Caliper Assy	9-11
9-11	Inspect Brake Piston 2 for hydraulic leak. from LR Disk Cyl (7 - ABS Main Hydraulic elements tests)	9-10	GOOD: Inspect Brake Piston 1 for hydraulic leak. from LR Disk Cyl BAD: Isolated Fault Group # 161 (1 Item): LR Disc Assy:Caliper Assy	9-12
9-12	Inspect Brake Piston 1 for hydraulic leak. from LR Disk Cyl (7 - ABS Main Hydraulic elements tests)	9-11	GOOD: Inspect For Hydraulic Leak (R Damp Chmbr) BAD: Isolated Fault Group # 162 (1 Item): LR Disc Assy:Caliper Assy	9-13
9-13	Inspect For Hydraulic Leak (R Damp Chmbr) (7 - ABS Main Hydraulic elements tests)	9-12	GOOD: Inspect For Hydraulic Leak (F Damp Chmbr) BAD: Isolated Fault Group # 163 (1 Item):	9-14

				Rear Damper Chamber	
9-14	Inspect For Hydraulic Leak (F Damp Chmbr) (7 - ABS Main Hydraulic elements tests)	9-13	GOOD: Inspect For Hydraulic Leak (Front Reservoir) BAD: Isolated Fault Group # 164 (1 Item): Front Damper Chamber		9-15
9-15	Inspect For Hydraulic Leak (Front Reservoir) (7 - ABS Main Hydraulic elements tests)	9-14	GOOD: Isolated Fault Group # 166 (1 Item): Rear Accumulator BAD: Isolated Fault Group # 165 (1 Item): Front Accumulator		
10-0	Braking Squeal (2 - Operator Detected Failure Effects)	9-0	GOOD: Reduced Braking Efficiency BAD: Inspect Pads from LF Disc Assy		11-0 14-1
10-1	Inspect Pads from LF Disc Assy (4 - Maintainer Detection)	10-0	GOOD: Inspect Pads from RF Disc Assy BAD: Isolated Fault Group # 167 (1 Item): LF Disc Assy:PADS		10-2
10-2	Inspect Pads from RF Disc Assy (4 - Maintainer Detection)	10-1	GOOD: Inspect Pads from RR Disc Assy BAD: Isolated Fault Group # 168 (1 Item): RF Disc Assy:PADS		10-3
10-3	Inspect Pads from RR Disc Assy (4 - Maintainer Detection)	10-2	GOOD: Isolated Fault Group # 170 (1 Item): LR Disc Assy:PADS BAD: Isolated Fault Group # 169 (1 Item): RR Disc Assy:PADS		
11-0	Reduced Braking Efficiency (2 - Operator Detected Failure Effects)	10-0	GOOD: Inspect RF Wheel for wear BAD: Inspect Pads from LF Disc Assy		12-0 15-1
11-1 R	Inspect Pads from LF Disc Assy (4 - Maintainer Detection)	11-0	GOOD: Inspect Pads from RF Disc Assy BAD: Isolated Fault Group # 171 (1 Item): LF Disc Assy:PADS		11-2
11-2 R	Inspect Pads from RF Disc Assy (4 - Maintainer Detection)	11-1	GOOD: Inspect Pads from RR Disc Assy BAD: Isolated Fault Group # 172 (1 Item): RF Disc Assy:PADS		11-3
11-3 R	Inspect Pads from RR Disc Assy (4 - Maintainer Detection)	11-2	GOOD: Inspect Pads from LR Disc Assy BAD: Isolated Fault Group # 173 (1 Item): RR Disc Assy:PADS		11-4
11-4 R	Inspect Pads from LR Disc Assy (4 - Maintainer Detection)	11-3	GOOD: Inspect Wear for Rotor from RF Disk Cyl BAD: Isolated Fault Group # 174 (1 Item): LR Disc Assy:PADS		11-5
11-5	Inspect Wear for Rotor from RF Disk Cyl (4 - Maintainer Detection)	11-4	GOOD: Inspect Wear for Rotor from RR Disk Cyl BAD: Isolated Fault Group # 175 (1 Item): RF Disc Assy:Rotor		11-6
11-6	Inspect Wear for Rotor from RR Disk Cyl (4 - Maintainer Detection)	11-5	GOOD: Inspect Wear for Rotor from LF Disk Cyl BAD: Isolated Fault Group # 176 (1 Item): RR Disc Assy:Rotor		11-7
11-7	Inspect Wear for Rotor from LF Disk Cyl (4 - Maintainer Detection)	11-6	GOOD: Inspect Wear for Rotor from LR Disk Cyl BAD: Isolated Fault Group # 177 (1 Item): LF Disc Assy:Rotor		11-8
11-8	Inspect Wear for Rotor from LR Disk Cyl (4 - Maintainer Detection)	11-7	GOOD: Inspect Wear for Caliper from RF Disk Cyl BAD: Isolated Fault Group # 178 (1 Item): LR Disc Assy:Rotor		11-9
11-9	Inspect Wear for Caliper from RF Disk Cyl (4 - Maintainer Detection)	11-8	GOOD: Inspect Wear for Caliper from RR Disk Cyl BAD: Isolated Fault Group # 179 (1 Item): RF Disc Assy:Caliper Assy		11-10
11-10	Inspect Wear for Caliper from RR Disk Cyl (4 - Maintainer Detection)	11-9	GOOD: Inspect Wear for Caliper from LF Disk Cyl BAD: Isolated Fault Group # 180 (1 Item): RR Disc Assy:Caliper Assy		11-11
11-11	Inspect Wear for Caliper from LF Disk Cyl (4 - Maintainer Detection)	11-10	GOOD: Inspect Wear for Caliper from LR Disk Cyl BAD: Isolated Fault Group # 181 (1 Item): LF Disc Assy:Caliper Assy		11-12
11-12	Inspect Wear for Caliper from LR Disk Cyl (4 - Maintainer Detection)	11-11	GOOD: test for Brake Hydraulic Piston 1 from Left Front Disk Cylinder BAD: Isolated Fault Group # 182 (1 Item): LR Disc Assy:Caliper Assy		11-13
11-13	test for Brake Hydraulic Piston 1 from Left Front Disk Cylinder (9 - Brake Inspections)	11-12	N/F: test for Brake Hydraulic Piston 2 from Left Front Disk Cylinder FOUND: Isolated Fault Group # 183 (1 Item): LF Disc Assy:Caliper Assy		11-14
11-14	test for Brake Hydraulic Piston 2 from Left Front Disk Cylinder (9 - Brake Inspections)	11-13	N/F: test for Brake Hydraulic Piston 1 from Left Rear Disk Cylinder FOUND: Isolated Fault Group # 184 (1 Item): LF Disc Assy:Caliper Assy		11-15
11-15	test for Brake Hydraulic Piston 1 from Left Rear Disk Cylinder	11-14	N/F: test for Brake Hydraulic Piston 2 from Left Rear Disk Cylinder		11-16

	(9 - Brake Inspections)		FOUND: Isolated Fault Group # 185 (1 Item): LR Disc Assy:Caliper Assy	
11-16	test for Brake Hydraulic Piston 2 from Left Rear Disk Cylinder (9 - Brake Inspections)	11-15	N/F: test for Brake Hydraulic Piston 1 from Right Rear Disk Cylinder FOUND: Isolated Fault Group # 186 (1 Item): LR Disc Assy:Caliper Assy	11-17
11-17	test for Brake Hydraulic Piston 1 from Right Rear Disk Cylinder (9 - Brake Inspections)	11-16	N/F: test for Brake Hydraulic Piston 2 from Right Rear Disk Cylinder FOUND: Isolated Fault Group # 187 (1 Item): RR Disc Assy:Caliper Assy	11-18
11-18	test for Brake Hydraulic Piston 2 from Right Rear Disk Cylinder (9 - Brake Inspections)	11-17	N/F: Isolated Fault Group # 189 (1 Item): [Cutoffs] RF Disc Assy:Caliper Assy FOUND: Isolated Fault Group # 188 (1 Item): RR Disc Assy:Caliper Assy	
12-0	Inspect RF Wheel for wear (4 - Maintainer Detection)	11-0	GOOD: Inspect RR Wheel for wear BAD: Isolated Fault Group # 190 (1 Item): RF Wheel	13-0
13-0	Inspect RR Wheel for wear (4 - Maintainer Detection)	12-0	GOOD: Inspect LR Wheel for wear BAD: Isolated Fault Group # 191 (1 Item): RR Wheel	14-0
14-0	Inspect LR Wheel for wear (4 - Maintainer Detection)	13-0	GOOD: Inspect LF Wheel for wear BAD: Isolated Fault Group # 192 (1 Item): LR Wheel	15-0
15-0	Inspect LF Wheel for wear (4 - Maintainer Detection)	14-0	GOOD: Inspect Pads from LF Disc Assy BAD: Isolated Fault Group # 193 (1 Item): LF Wheel	16-0
16-0	Inspect Pads from LF Disc Assy (4 - Maintainer Detection)	15-0	GOOD: Inspect Pads from RF Disc Assy BAD: Isolated Fault Group # 194 (1 Item): LF Disc Assy:PADS	17-0
17-0	Inspect Pads from RF Disc Assy (4 - Maintainer Detection)	16-0	GOOD: Inspect Pads from RR Disc Assy BAD: Isolated Fault Group # 195 (1 Item): RF Disc Assy:PADS	18-0
18-0	Inspect Pads from RR Disc Assy (4 - Maintainer Detection)	17-0	GOOD: Inspect Pads from LR Disc Assy BAD: Isolated Fault Group # 196 (1 Item): RR Disc Assy:PADS	19-0
19-0	Inspect Pads from LR Disc Assy (4 - Maintainer Detection)	18-0	GOOD: Inspect for Leaks Air (RF Tire) BAD: Isolated Fault Group # 197 (1 Item): LR Disc Assy:PADS	20-0
20-0	Inspect for Leaks Air (RF Tire) (3 - Operator Detection)	19-0	GOOD: Inspect for Flat (RF Tire) BAD: Isolated Fault Group # 198 (1 Item): RF Tire	21-0
21-0	Inspect for Flat (RF Tire) (3 - Operator Detection)	20-0	GOOD: Inspect for Leaks Air (RR Tire) BAD: Isolated Fault Group # 199 (1 Item): RF Tire	22-0
22-0	Inspect for Leaks Air (RR Tire) (3 - Operator Detection)	21-0	GOOD: Inspect for Flat (RR Tire) BAD: Isolated Fault Group # 200 (1 Item): RR Tire	23-0
23-0	Inspect for Flat (RR Tire) (3 - Operator Detection)	22-0	GOOD: Inspect for Leaks Air (LR Tire) BAD: Isolated Fault Group # 201 (1 Item): RR Tire	24-0
24-0	Inspect for Leaks Air (LR Tire) (3 - Operator Detection)	23-0	GOOD: Inspect for Flat (LR Tire) BAD: Isolated Fault Group # 202 (1 Item): LR Tire	25-0
25-0	Inspect for Flat (LR Tire) (3 - Operator Detection)	24-0	GOOD: Inspect for Leaks Air (LF Tire) BAD: Isolated Fault Group # 203 (1 Item): LR Tire	26-0
26-0	Inspect for Leaks Air (LF Tire) (3 - Operator Detection)	25-0	GOOD: Inspect for Flat (LF Tire) BAD: Isolated Fault Group # 204 (1 Item): LF Tire	27-0
27-0	Inspect for Flat (LF Tire) (3 - Operator Detection)	26-0	GOOD: No Faults Encountered BAD: Isolated Fault Group # 205 (1 Item): LF Tire	