_		122.06	ABS failure detected via time
1	MISCELLANEOUS	122.00	
2	MULTIPLE SYSTEMS		period of sensed wheel lock or
3	.Fluid pressure and electric	122 07	wheel speed signal
4	.Fluid pressure and vacuum	122.07 122.08	Time signal error (no warning)
5	MULTIPLE FLUID-RECEIVING DEVICES	122.08	Active circuit testing
6.01	.Multiple motors		Pressure failure
6.1	Brake and door	122.1	With warning
7	Sectional train	122.11	Detected via stroke sensor
8	Multiple brake valves	122.12	Pump failure detection
9	Supplementary in emergency	122.13	Auxiliary pressure failure
9.61	Separate and simultaneous	122.14	With warning
	control	122.15	Pneumatic
9.62	Apportioning control	123	.For a tractor-trailer type
9.63	Failure responsive		vehicle
9.64	Motorcycle	124	Electric brake
9.65	Manual	125	.Automatic braking including
9.66	For pneumatic system		speed governor or hydraulic
9.67	Inertia		retarder
		126	Aircraft
9.68	Inertia weight	127	.Pneumatic
9.69	Load	128	For a railway vehicle (e.g.,
9.71	Having significant pressure		train)
	control by front brake	129	With speed governor (hydraulic
9.72	Having multiple pistons		or inertia)
	affecting fluid flow	130	Compared to fixed reference
9.73	Having significant output	131	Plural similar inputs
	feature	132	Speed responsive and other
9.74	Multiple outlets	132	conditions (e.g.,
9.75	Detail		acceleration, pressure, track
9.76	Spring operated motor		hazard, friction)
10	WITH PUMP	133	Traction control
11	.Pressure control	134	
12	.Vacuum	134	Compared to fixed reference
13	MULTIPLE CONTROL		Automatic
14	.Double heading	136	Pseudo-speed
15	.Fluid and electric	137	.Motorcycle
16	Automatic electric	138	.Speed, deceleration, or ABS
17	Electric impulse		indication
18	EXTERIOR CONTROL	139	.And traction control
19	.Deadman type	140	With yaw control
121	SPEED-CONTROLLED	141	With engine torque power take-
122	.With failure responsive means		off (PTO) control
122.01	Traction failure	142	Motor control
122.01		143	With four wheel drive or all
	Antilock failure with warning		wheel drive
122.03	Failure related to brake	144	Intersecting traction and skid
	condition (e.g., wear, sensor		occurrence
	or switch operation) with	145	Odd condition (e.g., fuel
100 04	indicator		supply cut-off, modulating
122.04	Electric system failure (no		valve)
100 05	warning)	146	.With yaw control
122.05	Electronic or electric	147	From speed sensors
	component (e.g., speed	148	From split coefficient of
	detector, failure sensing)		friction (mu)
	with warning		

149	.Split coefficient of friction	179	Rotary and linear inertia		
150	(mu)	180	Rotary inertia		
150	.Specific mu determination	181	Linear inertia or accelerometer		
151	.Traction-motor vehicle		(includes pendulum type)		
152	.Regenerative brakes	182	Accelerometer versus wheel		
153	.Lead signal control for antiskid		rotation sensor		
154	.Multiple control signal with	183	Specific acceleration or		
	multiple threshold		deceleration determined		
155	.Braking pressure demand or		electronically		
	braking force desire	184	Acceleration-deceleration		
156	.Pulse frequency or time period		versus timing		
	controlling pressure rebuild	185	Sensing deceleration then		
157	.Pressure release control		acceleration		
158	.Pressure reapply control	186	.Front-rear axle apportioning or		
159	.Wheel pressure delay compared to		speed difference		
	reference	187	.Diagonal wheels apportioning		
160	.Pressure or specific condition		arrangement		
	(e.g., deceleration)	188	.All wheel apportioning		
	determines wheel speed instead		arrangement (e.g., cross		
	of direct speed sensor		coupling)		
161	.Current or voltage ramp	189	.Independent control for each		
	proportional to vehicle speed		wheel		
162	.Current control of linear piston	190	.Four-wheel drive or all wheel		
102	drive motor		drive		
163	.Slip ratio	191	.Odd condition or device		
164	.Slip time versus nonslip time	- /-	detection (e.g., fluid or		
165			brake temperature, hill		
166	.Variable target slip values		holder, anti-squeal		
100	.Wheel speed sensor and braking		controller, acoustic emission)		
1.67	pressure sensor	192	Vehicle inclination		
167	.Brake force or pressure	193	With sonar or radar type sensor		
1.60	determined from speed sensors	194	Hop or bounce (from vibration		
168	.Wheel generated pulse signal	エノモ	or oscillation) signal		
	control (speed sensor)	195	Spurious signal		
169	.Left or right speed comparison	196			
170	.Select high wheel speed versus		For rough road		
	select low	197	With feeler wheel		
171	.Wheel speed versus pseudo	198	Speed and vehicle load		
	vehicle speed (e.g., from	100	condition (e.g., cargo)		
	deceleration)	199	.Electric control circuit detail		
172	By direct feedback or instant	112	.Torque sensing		
	wheel control	113.1	.Having a valve system responsive		
173	By comparison of plural wheel		to a wheel lock signal		
	speeds	113.2	With traction control		
174	.Previously stored wheel speed	113.3	Including booster		
	information	113.4	Including a stroke sensor		
175	.Incipient or imminent skid	113.5	With system apportioning		
	measured		control		
176	.Antilock control disabled or	114.1	Including hydraulic power		
	altered for acceleration or		booster		
	speed ranges	114.2	Parallel boosters		
177	.Sensing jerk, acceleration, or	114.3	Including pneumatic power		
	deceleration		booster		
178					
	Wheel deceleration to find	115.1	System controlled by expansible		
170	Wheel deceleration to find velocity error	115.1	System controlled by expansible chamber type modulator		

115 0		4.6				
115.2	Having electric control	46	.Augmented feed to motor			
115.3	Having vacuum motor control	47 .Train rear end first				
115.4	Having pump pressure control	48	DIRECT			
115.5	Pump pressure operates fluid	49	.Liquid link			
	motor	50	MOTORMAN'S VALVES			
115.6	Including flywheel control	51	.Conductor type			
	(e.g., motorcycle type)	52	.Multiple motors			
116.1	Including pump with system	53	Engine and train			
	solenoid valve	54	.Equalizing			
116.2	Having pressure line isolated	55	Preliminary discharge			
	from master cylinder line	.Details				
116.3	Vehicle wheel operated pump		CHARGING			
116.4	System pump structure detail	57	.Plurality of pressures			
117.1	Spool valve	58	.Reuse			
118.1	Pneumatic (relay or motorman)	59	.Outlet-pressure control			
	type	60	Maintaining			
119.1	System controlled by solenoid	61	.Intermittent			
	valve		.Motor			
119.2	System solenoid valve detail	62	Motor-movement control			
119.3	Housing for plural solenoids	63	Failure-system pressure			
20	ELECTRIC CONTROL	64 .Auxiliary reservoir				
22.1	LOAD CONTROL	65	Motor remaining charged			
22.2	.Empty and load type	66	.Control pipe			
22.3	Alterable for different classes	67	Preventers			
	of service	0 7	RELEASING			
22.4	.Failure responsive	68	. Motor			
22.5	.Responsive to fluid pressure	69	Ouick			
	spring	70	Venting auxiliary reservoir			
22.6	.Railway vehicle	71	Fluid-pressure retracting			
22.7	Detail	72	Delayed			
22.8	.Detail	Blow down				
24.1	INERTIA CONTROL	73 74	Graduated			
25	AUTOMATIC AND DIRECT	75	Preventers			
26	.Supplementary control pipe	75 76	Motorman valve control			
27	.Direct on control-pipe reduction	77				
28	AUTOMATIC		Control-pipe pressure			
29	.Supplementary control pipe	78 79	Auxiliary-reservoir control			
30	.Supplementary reservoir pipe	79 80	Loaded valve			
31	.Vacuum		.Auxiliary reservoir			
32	.Equilibrium	81	.Control pipe			
33	.Equalizing valves	82	By action of control-pipe			
34	Rotary type	0.0	pressure			
35	Rotary type .Synchronizing	83	To chamber			
36		84.1 84.2	FLOW RETARDER			
37			.Isolation valve			
38	Quick action	85 SUPPLEMENTARY RESERVOIR				
	Service	86	MISCELLANEOUS OPERATIONS ON			
39	Control pipe to chamber	87	CONTROL PIPE			
40	.Application valve	PULSATION NEUTRALIZERS				
41	.Preliminary valve movement 89 LOCKS					
42	Emergency preventers	90	PIPELESS VALVES			
43	.Slow-reduction emergency					
44	.Secondary service operation					
45	.Positive-movement equalizing					
	valve					

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		electrical speed controlled	
		braking circuit	
DIG	5	ACCELERATION PEAK DETECTION	
DIG	6	AXLE DIFFERENTIAL CONTROL	
DIG	7	SMALL TIRE DIGEST	
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		VALVES, SOLENOID, ACCUMULATOR	
ETC.			
DIG	11	ACCUMULATOR	
DIG	12	AIR OVER HYDRAULIC BRAKE SYSTEM	