

SECTION 4

BRAKES

HYDRAULIC BRAKES	4A – 1
MASTER CYLINDER & POWER BOOSTER	4B – 1
FRONT BRAKES	4D – 1
REAR BRAKES	4E – 1
ANTI-LOCK BRAKE SYSTEM	4F – 1
PARKING BRAKES	4G – 1

BRAKES

DEFECT CODE

NATURE CODE

N03	Surge, hesitate, stumble	N51	Deteriorated
N08	Excessive oil consumption	N52	Distortion, rainbow, waving
N12	Flooded, overflowing	N55	Rust, corrosion, perforation.
N13	Poor acceleration, uneven acceleration	N56	Glazed
N16	Percolation	N57	Loose, poor fit
N19	Vapor lock	N58	Bubbles
N20	Blocked	N62	Inaccurate (meter, gauge, etc.)
N21	Shuddering, pulsation, vibration, chattering	N66	Blown fuse
N22	Slippage (= slipping)	N67	Warning light on
N23	Difficult engagement	N71	Oil leak, oil entering
N24	Difficult disengagement	N72	Water leak, water entering
N27	Squeaking, squealing, abnormal(wind) noise	N73	Leaks—other (air, fuel, refrigerant, vacuum)
N28	Dragging	N87	Insufficient brake
N29	Pulls	N88	Brake judder
N39	Oil diluted	N91	Interference or hitting
N41	Spongy pedal	N92	Inoperative
N44	Poor release	N93	High/low operating effort
N45	Unusual tire wear	N94	Special policy
N46	Misaligned or mismatched	N99	Undefined
N47	Weak		

CAUSE CODE

R01	Scored, scratched or chipped	R21	Improper clearance, back lash, free play
R02	Frozen	R22	Lack of lubricants
R03	Peeling, come-off	R23	Improper welding or soldering, welding or soldering omitted
R04	Rusty, corroded	R24	Improper tightening, fit or assembly
R05	Split, cut or torn	R25	Sticks, binds, seized
R06	Broken or cracked	R26	Foreign material, clogged
R07	Porous, pin holes, cavity	R27	Improper sealing, sealer omitted or skipped
R08	Bent, kinky, twisted, distorted, warped or wrinkled	R28	Improper adjustment
R09	Stripped – bolts, holes, nuts	R31	Incorrect part
R10	Soiled	R32	Improperly installed
R11	Weakened, loss of tension or resilience (spring, cushion, etc.)	R33	Improperly routed
R12	Abnormal wear	R34	Missing part
R13	Out of balance	R35	Flaw in material
R14	Out of round	R36	Contaminants
R20	Faulty casting	R99	Undefined