TROUBLESHOOTING

PROBLEM SYMPTOMS TABLE

BR0JA–01

Use the table below to help you find the cause of the problem. The numbers indicate the priority of the likely cause of the problem. Check each part in order. If necessary, replace these parts.

Symptom	Suspect Area	See page
Low pedal or spongy pedal	1. Fluid leaks for brake system	DI–525
	2. Air in brake system	BR–4
	3. Piston seals (Worn or damaged)	BR–18
		BR–27
	4. Hydraulic brake booster (Faulty)	BR–38
Brake drag	1. Brake pedal freeplay (Minimum)	BR–9
	2. Parking brake lever travel (Out of adjustment)	BR–11
	3. Parking brake wire (Sticking)	–
	4. Parking brake (Shoe clearance out of adjustment)	BR–37
	5. Pad (Cracked or distorted)	BR–15
		BR–24
	6. Piston (Stuck)	BR–18
		BR–27
	7. Piston (Frozen)	BR–18
		BR–27
	8. Tension or return spring (Faulty)	BR–33
	9. Hydraulic brake booster (Faulty)	BR–38
Brake pull	1. Piston (Stuck)	BR–18
		BR–27
	2. Pad (Cracked or distorted)	BR–15
		BR–24
	3. Piston (Frozen)	BR–18
		BR–27
	4. Disk (Scored)	BR–18
		BR–27
	5. Pad (Cracked or distorted)	BR–15
		BR–24
	6. Hydraulic brake booster (Faulty)	BR–38
Hard pedal but brake inefficient	1. Fluid leaks for brake system	DI–525
	2. Air in brake system	BR–4
	3. Pad (Worn)	BR–15
		BR–24
	4. Pad (Cracked or distorted)	BR–15
		BR–24
	5. Pad (Oily)	BR–15
		BR–24
	6. Pad (Glazed)	BR–15
		BR–24
	7. Disk (Scored)	BR–18
		BR–27
	8. Hydraulic brake booster (Faulty)	BR–38

Noise from brakes	1. Pad (Cracked or distorted) 2. Installation bolt (Loose) 3. Disk (Scored) 4. Pad support plate (Loose) 5. Sliding pin (Worn) 6. Pad (Dirty) 7. Pad (Glazed) 8. Tension or return spring (Faulty) 9. Anti–squeal shim (Damaged) 10. Shoe hold–down spring (Damaged)	BR–15 BR–24 BR–15 BR–24 BR–18 BR–27 BR–18 BR–18 BR–15 BR–24 BR–15 BR–24 BR–33 BR–18 BR–27 BR–33
Noise from hydraulic brake booster (Abnormal pump motor operation noise)	1. Accumulator bracket clearance (Out or adjustment)	BR–55
Brake warning light lights up*1 (Parking brake pedal released)	1. Brake fluid level 2. Hydraulic brake booster power suplly system (Faulty)	 BR–38
Brake warning light lights up and brake warning buzzer sounds*2	1. Hydraulic brake booster power suplly system (Faulty)	BR–38
ABS warning light lights up*3	1. Anti – lock brake system (Faulty) 2. Hydraulic brake booster power suplly system (Faulty)	 BR–38

*1, *3: The light may stay on for about 60 seconds after the engine is started. It is normal if it gose out after a while.

*2, *3: Depressing the brake pedal repeatedly may turn on the warning light and buzzer. It is normal if the light goes out and the buzzer stop s sounding after a few seconds.

*3: While ABS warning light is ON, booth VSC warning light and VSC OFF indicator light come on.