BRAKE SYSTEM

PRECAUTION

- Care must be taken to replace each part properly as it could affect the performance of the brake system and result in a driving hazard. Replace the parts with parts having the same part number or equivalent.
- It is very important to keep parts and the area clean when repairing the brake system.
- If the vehicle is equipped with a mobile communication system, refer to the precaution in the INTRODUCTION.

PROBLEM SYMPTOMS TABLE

HINT:
Refer to the table below to help locate find the cause of the problem. The numbers indicate the priority of the possible cause of problem. Check each part in the order. If necessary, replace these parts.

BRAKE SYSTEM

Symptom	Suspected area	See page
Low pedal or spongy pedal	1. Fluid leaks in brake system	-
	2. Air in brake system	BR-3
	3. Piston seals (Front) (Worn or damaged)	BR-25
	4. Piston seals (Rear) (Worn or damaged)	BR-32
	5. Master cylinder (Faulty)	BR-15
	6. Booster push rod (Out of adjustment)	BR-15
Brake drag	1. Brake pedal free play (Minimal)	BR-13
	2. Parking brake pedal travel (Out of adjustment)	PB-1
	3. Parking brake pedal	PB-4
	4. Parking brake wire (Sticking)	PB-10
	5. Parking brake shoe clearance (Out of adjustment)	PB-16
	6. Pad (Front) (Cracked or distorted)	BR-24
	7. Pad (Rear) (Cracked or distorted)	BR-32
	8. Piston (Front) (Stuck)	BR-25
	9. Piston (Rear) (Stuck)	BR-32
	10. Piston (Front) (Frozen)	BR-25
	11. Piston (Rear) (Frozen)	BR-32
	12. Booster push rod (Out of adjustment)	BR-15
	13. Vacuum leaks in booster system	BR-19
	14. Master cylinder (Faulty)	BR-15
Brake pull	1. Piston (Front) (Stuck)	BR-25
	2. Piston (Rear) (Stuck)	BR-32
	3. Pad (Front) (Oily)	BR-25
	4. Pad (Rear) (Oily)	BR-32
	5. Piston (Front) (Frozen)	BR-25
	6. Piston (Rear) (Frozen)	BR-32
	7. Disc (Front) (Scored)	BR-25
	8. Disc (Rear) (Scored)	BR-32
	9. Pad (Front) (Cracked or distorted)	BR-25
	10. Pad (Rear) (Cracked or distorted)	BR-32

Symptom	Suspected area	See page
Hard pedal but brake inefficient	1. Fluid leaks in brake system	-
	2. Air in brake system	BR-3
	3. Pad (Front) (Worn)	BR-25
	4. Pad (Rear) (Worn)	BR-32
	5. Pad (Front) (Cracked or distorted)	BR-25
	6. Pad (Rear) (Cracked or distorted)	BR-32
	7. Pad (Front) (Oily)	BR-25
	8. Pad (Rear) (Oily)	BR-32
	9. Pad (Front) (Glazed)	BR-25
	10. Pad (Rear) (Glazed)	BR-32
	11. Disc (Front) (Scored)	BR-25
	12. Disc (Rear) (Scored)	BR-32
	13. Booster push rod (Out of adjustment)	BR-15
	14. Vacuum leaks for booster system	BR-19
Brake noise	1. Pad (Front) (Cracked or distorted)	BR-25
	2. Pad (Rear) (Cracked or distorted)	BR-32
	3. Installation bolt (Front) (Loose)	BR-25
	4. Installation bolt (Rear) (Loose)	BR-32
	5. Disc (Front) (Scored)	BR-25
	6. Disc (Rear) (Scored)	BR-32
	7. Pad support plate (Front) (Loose)	BR-25
	8. Pad support plate (Rear) (Loose)	BR-32
	9. Sliding pin (Front) (Worn)	BR-25
	10. Sliding pin (Rear) (Worn)	BR-32
	11. Pad (Front) (Dirty)	BR-25
	12. Pad (Rear) (Dirty)	BR-32
	13. Pad (Front) (Glazed)	BR-25
	14. Pad (Rear) (Glazed)	BR-32
	15. Anti-squeal shim (Front) (Damaged)	BR-25
	16. Anti-squeal shim (Rear) (Damaged)	BR-32