

## PROBLEM SYMPTOMS TABLE

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 2. Air in brake system 3. Piston seals (Worn or damaged) 4. Master cylinder (Faulty) 5. Booster push rod (Out of adjustment)	– <a href="#">32-4</a> <a href="#">32-33</a> <a href="#">32-38</a> <a href="#">32-11</a> <a href="#">32-11</a>
Brake drag	1. Brake pedal freeplay (Minimal) 2. Parking brake pedal travel (Out of adjustment) 3. Parking brake wire (Sticking) 4. Parking brake shoe clearance (Out of adjustment) 5. Pad (Cracked or distorted) 6. Piston (Stuck) 7. Piston (Frozen) 8. Booster push rod (Out adjustment) 9. Vacuum leaks for booster system 10. Master cylinder (Faulty)	<a href="#">32-5</a> <a href="#">32-5</a> <a href="#">33-7</a> <a href="#">33-9</a> <a href="#">33-2</a> <a href="#">33-13</a> <a href="#">32-33</a> <a href="#">32-38</a> <a href="#">32-33</a> <a href="#">32-38</a> <a href="#">32-33</a> <a href="#">32-38</a> <a href="#">32-11</a> <a href="#">32-15</a> <a href="#">32-11</a>
Brake pull	1. Piston (Stuck) 2. Pad (Oily) 3. Piston (Frozen) 4. Disc (Scored) 5. Pad (Cracked or distorted)	<a href="#">32-33</a> <a href="#">32-38</a> <a href="#">32-33</a> <a href="#">32-38</a> <a href="#">32-33</a> <a href="#">32-38</a> <a href="#">32-33</a> <a href="#">32-38</a> <a href="#">32-33</a>
Hard pedal but brake inefficient	1. Fluid leaks for brake system 2. Air in brake system 3. Pad (Worn) 4. Pad (Cracked or distorted) 5. Pad (Oily) 6. Pad (Glanzed) 7. Disc (Scored) 8. Booster push rod (Out of adjustment) 9. Vacuum leaks for booster system	– <a href="#">32-4</a> <a href="#">32-33</a> <a href="#">32-38</a> <a href="#">32-33</a> <a href="#">32-38</a> <a href="#">32-33</a> <a href="#">32-38</a> <a href="#">32-33</a> <a href="#">32-38</a> <a href="#">32-11</a> <a href="#">32-15</a>

## BRAKE – BRAKE SYSTEM

Noise from brakes	1. Pad (Cracked or distorted)	<a href="#">32-33</a>
		<a href="#">32-38</a>
	2. Installation bolt (Loose)	<a href="#">32-33</a>
		<a href="#">32-38</a>
	3. Disc (Scored)	<a href="#">32-33</a>
		<a href="#">32-38</a>
	4. Pad support plate (Loose)	<a href="#">32-33</a>
		<a href="#">32-38</a>
	5. Sliding pin (Worn)	<a href="#">32-33</a>
		<a href="#">32-38</a>
	6. Pad (dirty)	<a href="#">32-33</a>
		<a href="#">32-38</a>
	7. Pad (Glanzed)	<a href="#">32-33</a>
		<a href="#">32-38</a>
	8. Anti-squeal shim (Damaged)	<a href="#">32-33</a>
		<a href="#">32-38</a>