

# TROUBLESHOOTING

## PROBLEM SYMPTOMS TABLE

BR0BX-02

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 | <ol style="list-style-type: none"> <li>1. Fluid leaks for brake system</li> <li>2. Air in brake system</li> <li>3. Piston seals (Worn or damaged)</li> <li>4. Master cylinder (Faulty)</li> <li>5. Booster push rod (Out of adjustment)</li> </ol>  | <a href="#">DI-198</a><br><a href="#">BR-4</a><br><a href="#">BR-28</a><br><a href="#">BR-38</a><br><a href="#">BR-19</a><br><a href="#">BR-24</a>   |
| Brake drag                | <ol style="list-style-type: none"> <li>1. Brake pedal freeplay (Minimum)</li> <li>2. Parking brake pedal travel (Out of adjustment)</li> <li>3. Parking brake wire (Sticking)</li> <li>4. Rear brake shoe clearance (Out of adjustment)</li> <li>5. Pad (Cracked or distorted)</li> <li>6. Piston (Stuck)</li> <li>7. Piston (Frozen)</li> <li>8. Tension or return spring (Faulty)</li> <li>9. Booster push rod (Out adjustment)</li> <li>10. Vacuum leaks for booster system</li> <li>11. Master cylinder (Faulty)</li> </ol> | <a href="#">BR-6</a><br><a href="#">BR-9</a><br>—<br><a href="#">BR-49</a><br><a href="#">BR-25</a><br><a href="#">BR-35</a><br><a href="#">BR-28</a><br><a href="#">BR-38</a><br><a href="#">BR-28</a><br><a href="#">BR-38</a><br><a href="#">BR-45</a><br><a href="#">BR-24</a><br><a href="#">BR-22</a><br><a href="#">BR-19</a> |
| Brake pull                | <ol style="list-style-type: none"> <li>1. Piston (Stuck)</li> <li>2. Pad (Cracked or distorted)</li> <li>3. Piston (Frozen)</li> <li>4. Disc (Scored)</li> <li>5. Pad (Cracked or distorted)</li> </ol>   | <a href="#">BR-28</a><br><a href="#">BR-38</a><br><a href="#">BR-25</a><br><a href="#">BR-35</a><br><a href="#">BR-28</a><br><a href="#">BR-38</a><br><a href="#">BR-31</a><br><a href="#">BR-41</a><br><a href="#">BR-25</a><br><a href="#">BR-35</a>   |

## BRAKE - TROUBLESHOOTING

|                                  |   |   |
|----------------------------------|---|---|
| Hard pedal but brake inefficient | <ol style="list-style-type: none"> <li>1. Fluid leaks for brake system</li> <li>2. Air in brake system</li> <li>3. Pad (Worn)</li> <li>4. Pad (Cracked or distorted)</li> <li>5. Pad (Oily)</li> <li>6. Pad (Glazed)</li> <li>7. Disc (Scored)</li> <li>8. Booster push rod (Out of adjustment)</li> <li>9. Vacuum leaks for booster system</li> </ol>  | <p>DI-198</p> <p>BR-4</p> <p>BR-25</p> <p>BR-35</p> <p>BR-25</p> <p>BR-35</p> <p>BR-25</p> <p>BR-35</p> <p>BR-25</p> <p>BR-35</p> <p>BR-31</p> <p>BR-41</p> <p>BR-24</p> <p>BR-22</p>                           |
| Noise from brakes                | <ol style="list-style-type: none"> <li>1. Pad (Cracked or distorted)</li> <li>2. Installation bolt (Loose)</li> <li>3. Disc (Scored)</li> <li>4. Pad support plate (Loose)</li> <li>5. Sliding pin (Worn)</li> <li>6. Pad (Dirty)</li> <li>7. Pad (Glazed)</li> <li>8. Tension or return spring (Faulty)</li> <li>9. Anti-squeal shim (Damaged)</li> <li>10. Shoe hold-down spring (Damaged)</li> </ol> | <p>BR-25</p> <p>BR-35</p> <p>BR-28</p> <p>BR-38</p> <p>BR-31</p> <p>BR-41</p> <p>BR-38</p> <p>BR-38</p> <p>BR-25</p> <p>BR-35</p> <p>BR-25</p> <p>BR-35</p> <p>BR-45</p> <p>BR-25</p> <p>BR-35</p> <p>BR-45</p> |