

17. HYDRAULIC BRAKE

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| SERVICE INFORMATION | 17-1 |
| TROUBLESHOOTING | 17-2 |
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| BRAKE PAD/DISC | 17-5 |
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SERVICE INFORMATION

GENERAL

- The brake calipers can be removed without disconnecting the hydraulic system.
- Bleed the hydraulic system if it is disassembled or if the brake feels spongy.
- Do not allow foreign material to enter the system when filling the reservoir.
- Avoid spilling brake fluid on painted surfaces or instrument lenses, as severe damage can result.
- Always check brake operation before riding the motorcycle.

SPECIFICATIONS

| | STANDARD | SERVICE LIMIT |
|-----------------------------|-------------------------------------|---------------------|
| Front disc thickness | 4.8–5.2 mm (0.19–0.20 in) | 4.0 mm (0.16 in) |
| Front disc runout | — | 0.3 mm (0.012 in) |
| Front master cylinder I.D. | 15.870–15.913 mm (0.6248–0.6265 in) | 15.93 mm (0.627 in) |
| Front master piston O.D. | 15.827–15.854 mm (0.6231–0.6242 in) | 15.82 mm (0.623 in) |
| Front caliper piston O.D. | 30.148–30.280 mm (1.1901–1.1921 in) | 30.29 mm (1.193 in) |
| Front caliper cylinder I.D. | 30.230–30.280 mm (1.1902–1.2913 in) | 30.14 mm (1.187 in) |

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TORQUE VALUES

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|--------------------------------|---------------------------------------|
| Brake hose bolt | 25–35 N·m (2.5–3.5 kg-m, 18–25 ft-lb) |
| Front brake caliper bracket | 30–40 N·m (3.0–4.0 kg-m, 22–29 ft-lb) |
| Front brake caliper bolt | 18–23 N·m (1.8–2.3 kg-m, 13–17 ft-lb) |
| Front brake caliper pivot bolt | 30–36 N·m (3.0–3.6 kg-m, 22–26 ft-lb) |

TOOL

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|------------------------------------|---------------|
| Special Snap ring pliers | 07914–3230001 |
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