

HELP CENTER

What can we help you find?

Search

[Help Center Home](#) / [Article](#)

02/25/2025

2019-2024 FTR Brake System Inspection and Maintenance

FTR 1200 Brake System Inspection and Maintenance - Indian Motorcycle



| Required Tools and Supplies | |
|-----------------------------|------------------------------|
| Shop Rags | Safety Glasses |
| Nitrile Gloves | Brake Rotor Measurement Tool |
| Mirror | All-Purpose Grease |
| Flashlight | Phillips Screwdriver |
| Brake Fluid | 4mm Allen Socket |
| 10mm Socket | Phillips Socket |
| Ratchet | Torque Wrench |

Always wear safety glasses and nitrile gloves when servicing your Indian Motorcycle. To inspect and maintain the brake system on your FTR, follow these steps:

1. Position the motorcycle fully upright on level ground with the handlebars pointed straight ahead.

2. Check the fluid level through the sight glass with a flashlight. The fluid level should be above the minimum indicator mark on the sight glass.
 3. Before adding fluid, wipe the area with a clean cloth.
 4. Remove the two cover fasteners with a Phillips screwdriver.
 5. Remove the cover and diaphragm. Do not allow brake fluid to contact painted surfaces or paint damage may occur.
 6. Add fluid as needed. Do not overfill. A 12-ounce bottle (355 mL) of DOT 4 Brake Fluid is [part number 2880016](#).
 7. Reinstall the diaphragm, cover and fasteners. **Torque** the fasteners to 10 in-lbs (1 Nm).
 8. Clean any residual fluid off the vehicle to prevent paint damage.
 9. Lubricate the pivot pin and brake lever hinge point.
 10. Remove the bottom nut with a 10mm socket.
 11. Push up to remove the pivot pin. Do not remove the brake lever from the bike.
 12. Clean off any old grease or dirt from the pivot pin and hinge points.
 13. Lubricate the pivot pin and hinge points with all-purpose grease.
 14. Reinstall the pivot pin and torque until fully seated.
 15. Reinstall the bottom nut. **Torque** to 52 in-lbs (6 Nm).
 16. Clean any residual grease off the bike and ensure proper operation of the brake lever.
 17. Inspect the banjo bolts on the front brake master cylinder for leaks.
 18. Inspect the brake line from the brake reservoir to under the fuel tank. Continue by inspecting the line running from under the fuel tank to the front junction block.
 19. Inspect the connections at the front junction block and follow the brake lines to both front brake calipers, looking for any leaks, kinks or damage.
-

- 20.** Inspect the connections at the front brake calipers for leaks.
 - 21.** Inspect the brake pad friction material. Replace when the thinnest point of the friction material has worn to the service limit indicator groove.
 - 22.** Inspect the front brake rotor for wear or damage and measure the thickness at four or more locations. Replace any rotor that is damaged or worn to the minimum thickness at any point. The service limit is 4.5 mm (0.177 inches).
 - 23.** Clean the rotor as recommended in your [Owner's Manual](#) to resolve minor squeaks from dirt or dust.
 - 24.** Also inspect the front ABS tone ring for damaged teeth and the wheel speed sensor for excessive debris.
 - 25.** Move to the rear fluid reservoir near the rear brake pedal on the right side of the bike.
 - 26.** Ensuring the bike is still level, check the fluid level with a flashlight. The fluid level should be above the minimum indicator mark on the reservoir body.
 - 27.** Before adding fluid, wipe the area with a clean cloth.
 - 28.** Then remove the cover and diaphragm. Add fluid as needed. Do not overfill. Do not allow brake fluid to contact painted surfaces. or paint damage may occur.
 - 29.** Reinstall the cover and clean any residual fluid off the vehicle to prevent paint damage.
 - 30.** Inspect for leaks on the banjo bolts at the rear master cylinder.
 - 31.** Continue by following the rear brake lines leaving the master cylinder, looking for any leaks, kinks or damage.
 - 32.** Continue following the brake lines from the center of the bike toward the rear caliper. Also ensure the brake line retainers are properly secured.
 - 33.** Inspect the banjo bolts for leaks at the rear caliper.
 - 34.** Then inspect the rear brake pad and rotor and replace if worn to their minimum thickness.
-

35. Also inspect the rear ABS tone ring and wheel sensor.

36. If inspection reveals any need for service or replacement, see your authorized Indian Motorcycle Dealer.

For more information, see your authorized Indian Motorcycle Dealer. Find a dealer near you with the [Dealer Locator](#).

Maintenance tips, procedures and specifications can be found in your [Owner's Manual](#).

To find diagrams and replacement part numbers, use the [online parts catalog](#).

YouTube® is a registered trademark of Google LLC

Unless noted, trademarks are the property of Indian Motorcycle International, LLC

© 2022 Indian Motorcycle International, LLC

Was this article helpful?

- Yes, it answers my question
- No, it's missing information or visuals
- No, the instructions are unclear
- No, What are the next steps?
- No, I'm experiencing a technical error
- Other

* [-] **How can we improve this article? We'd love to hear your suggestions**

Tell us what you would like to see in this article

Send

Keyword(s) [video](#) , [maintenance](#) , [brake](#) , [brakes](#) , [inspect](#) , [inspecting](#) ,

HELPFUL LINKS
