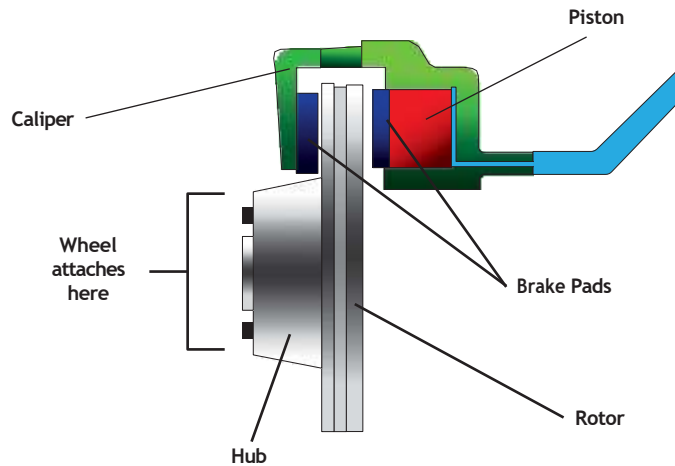


When the rider operates one of the brakes, hydraulic pressure is applied, acting through the brake lining, causes the brake pads to squeeze against the disc on both sides. Friction causes the disc and the attached wheel to slow down or stop. Brake pads need to be replaced periodically because the surfaces wear off after repeated use.

Compared to drum brakes, the disc brakes dissipate heat more quickly thus making disc brakes less prone to fading.

HOW A DISC BRAKE WORKS



TYRES

40. It is essential for a motorcyclist to ensure and check their tyres for correct air pressure. Too much or little pressure may result in poor stability and may lead to accidents. Riding with under-inflated tyres can affect braking. If your motorcycle front tyre punctures, you should stop and push the motorcycle to the side of the road. When your motorcycle feels heavy and difficult to balance while riding, you should check the tyres. It is illegal to ride if the tyres are damaged or worn out.

Tyres come in a variety of designs to match the needs of different road conditions. Some tyres are made of harder rubber which usually provide less grip but last longer. Softer tyres deliver better gripping power but wear out faster.

PRINCIPAL PARTS OF A MANUAL TRANSMISSION MOTORCYCLE:

41. SIDE VIEW OF MOTORCYCLE:

