

# Servicing Cardan shaft park brakes

A new method for testing Cardan shaft park brakes (also known as transmission type park brakes) was introduced on 1 December 2022.



Service providers must be able to correctly diagnose, maintain and adjust these brakes to the manufacturers' specifications in order for them to pass the new in-service test, especially if they have already failed.

When servicing a Cardan shaft park brake, the following steps should be followed:

- Only use lining materials that are recommended by the manufacturer. The linings for Cardan shaft park brakes tend to be a softer compound than normal service brake linings.
- Brake drums and shoes may need to be radiused in the same manner as other drum brakes.
- Some burnishing of the linings will help to bed in the new parts.
- Cables, linkages and actuators must move freely and be correctly adjusted, especially if a bell-crack is used.
- Brake shoe to drum clearance must be minimal but not induce any drag.
- Always refer to the manufacturers' specifications.



For more information, including a video on servicing Cardan shaft park brakes, visit: [nzta.govt.nz/cardanbrakes](https://nzta.govt.nz/cardanbrakes)