

## Pirate Parts and Reliability in BPW Brakes

**BPW Genuine Parts are carefully designed to give you the best in quality, reliability, and life expectancy. Let us consider the example of BPW Brake Drums and BPW Textar Brake Linings.**

BPW Brake Drums and BPW Textar Linings are carefully matched to provide the best compromise between braking efficiency and component life. If you fit your trailer with non-genuine brake linings, the following can happen:

- ⦿ The non-genuine linings may be much harder than the recommended Textar ones. This will lead to premature wear of the drum, requiring its replacement much sooner in the trailer's life than anticipated.
- ⦿ This accelerated wear can cause the brakes to run much hotter than normal, resulting in heat cracks in the brake drum and further reduced lining life due to chemical changes in the friction material.
- ⦿ Non-genuine drums may also be made of an unsuitable material, resulting in premature drum or lining wear.
- ⦿ The excessive heat that builds up in the brakes will cause a degradation of the lubricating efficiency of the grease in the hubs. The grease will lubricate less effectively and the service life of the grease and the bearings will be drastically reduced. In extreme cases this degradation of the lubricating efficiency can lead to a bearing failure – stranding the vehicle on the side of the road.

These reasons do not even begin to consider the potential damage to the other components on the axle or the safety factors involved with operating a vehicle with a braking system of sub-standard efficiency.

All BPW Genuine Parts are put through rigorous and thorough testing both in Europe and around the world. They conform to international standards and are your guarantee of reliable, hassle-free vehicle operation and long service life. Use of non-genuine parts will invalidate your warranty.

The BPW axle is tested as a working group of components in order to receive the required SARN (sub-assembly registration number) – indicating the axle conforms to Australian legal requirements. When this test is performed all the components used are genuine BPW components.

Successful completion of the tests results in the allocation of a unique SARN for BPW axles.

The use of non-genuine or aftermarket brake components on a BPW axle (linings or drum) can invalidate the SARN as indicated on the axle plate. This may require the axle to be re-tested and a new SARN issued for the axle using the new non-genuine brake parts. BPW does not perform any tests using non-genuine parts and cannot warrant their use or effectiveness.

The use of non-genuine brake parts and failure to alter the SARN may lead to legal complications and invalidate insurance cover in the event of a future accident.

Avoid these potential pitfalls: use only genuine BPW brake components.

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