



Wheel Bearings: How do You Gauge Quality?

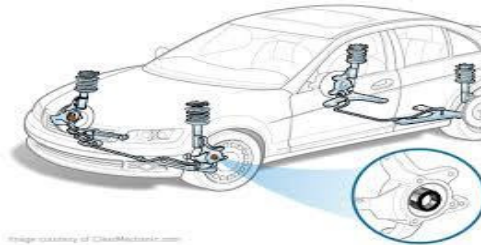
- The type of metals used in **PFI** Wheel Bearings can tell you a lot about their quality. You want materials, such as OEM quality Forged steel Rings, which can withstand the rigors of everyday driving while enhancing overall vehicle performance.
- **PFI** production validation testing and pre-lubrication is also signs of quality bearings. Ultimately, you want to find parts that can meet strict tolerances and OE specifications, with a track record of excellent performance.
- These following points of production are among the most effective criteria for gauging quality.

PFI -Hubs are engineered to the OEM design.

- Every **PFI**- Hub goes through rigorous testing to ensure that the part performs to **PFI** exacting standard. OEM vehicle standards are the core feature to providing safe travel.

- PFI Hubs perform to these high standards providing the driver with knowledge his vehicle will perform to the OEM specifications.
- Specific Engineering Design to ensure the correct fit & preload will provide OEM function and maximum performance of the Hub unit.

PFI- Hub Assemblies



- **PFI** Hubs are engineered to the OEM design and specification for each particular make & model.
- Every **PFI** Hub goes through rigorous testing to ensure the part performs to **PFI** exacting standards.
- **PFI** components made with Premium Quality Materials to ensure that customers receive a robust, durable long lasting product.

PFI Hub Components



- **PFI** Hub components include forged steel rings. Ultra-dust resistant seals and precision cages, rolling elements, hi-performance grease and High Tensile Hub bolt.
- **PFI** Forged Steel inner and outer rings must meet stringent steel quality specifications, which optimizes bearing life.
- **PFI** seals are customized for each hub based on specific material & design requirements to minimize the chance of contamination and maximize bearing life.

PFI-ABS Plugs & Sensors OEM-Style



- To ensure proper connection & performance each sensor in the hub is validated to meet or exceed OEM specifications to ensure proper functionality of the ABS module on the vehicle.
- **PFI** Hub sensors provide the vehicle driver the confidence the Sensors will activate providing safe travel.

PFI-Generation 3 – Wheel Hub Assembly:



- **PFI** delivers Premium OEM-Quality Wheel Hub Assemblies & Bearings. Specific Coverage of Double-flange Angular contact Bearings and double-flange Tapered Bearings with wheel mounts to one flange, the other flange mounts to vehicle knuckle.
- **PFI** fully integrated maintenance-free components provide ideal precise performance with easy installation & replacement.

PFI-Generation 2 – Wheel Hub Assembly:



- **PFI** single-flange angular contact bearings and single flange Tapered Roller Bearings depending on the application design, offer reliable service in Hub flange mounts or the attachment flange mounts fit to the vehicle knuckle.

- **PFI Hubs** provide a combination of convenient cost effective options ideal for ease of assembly, low cost yet highly reliable.

PFI-Generation 1



- **PFI Wheel Bearing:** Unitized double-row angular contact bearings and double-row Tapered Bearings which presses into vehicle knuckle.
- Lightweight, compact design ideal as a cost-effective solution.
- ATV (All-Terrain Vehicle) use these products in Axles.
- **PFI sealing & Forged Rings** provide extended life in the harshest conditions.

PFI-Hub Fail Safe Bearings

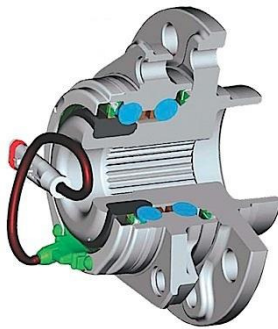


- **PFI Hubs** are becoming more and more unitized with the number of parts decreasing from the

first generation to the third (GEN3). Evolving into lightweight compact automotive products.

- **PFI** now mass-produces GEN3 Hub Bearings to deliver diverse generations of Hub bearings to all automobile manufacturers.
- **PFI** offers a full line up of **PFI-GEN3** Hub bearings with built-in active ABS sensors that respond to the safety demands of the automotive world.

PFI – Sensor Hub Bearings



- **PFI HUBs** incorporate a sealed-type construction to deliver a sensor-integrated Hub Bearing with Forged Rings providing security of safe driving and prevention of premature failure.
- This OEM design helps prevent damage from corrosion or adhesion of iron powders from heavy braking to the internal magnetizing encoder in our ABS sensors providing reliable safe travel.

