

Axle wheel bearings

Ball bearing type

The ball bearing type is a one piece bearing assembly that is pressed onto the rear axle and locked into position against a hard shoulder on the axle flange side by a bearing retainer which is also pressed onto the rear axle shaft.

Roller bearing type

The roller bearing type is a two piece taper roller bearing and outer cone. An oil seal is inserted into the axle housing the taper roller bearing is pressed onto the axle shaft.

Swing

Swing axles are used for independent suspension systems. The differential and wheel hub assembly are separate units.

Fully floating

Fully floating axles use two wheel bearings either taper or ball type roller bearings, located into the wheel hub assembly. The wheel hub assembly is located onto the outside of the differential housing and is secured by hub nuts torqued to manufacturer's specifications