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Harbor Freight Caster Upgrades: Fit Guide & Better Options

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Quick answer. Harbor Freight casters are consumer-grade parts that fail under daily shop use or loads past 60 to 70 percent of their stamped rating. The fix is a direct-fit industrial replacement: 4 or 5 inch polyurethane plate casters for US General tool carts, 3 inch stem casters with 3/8-16 threads for workbenches, matched to mount and actual working load.

Matching a Direct-Fit Industrial Replacement

Harbor Freight Spec	Industrial Replacement Spec	Capacity Gain
3" rubber, 150 lb, stamped yoke	3" 90A polyurethane, 300 lb, 11-ga yoke	+100%
4" TPR, 220 lb, 3/8"-16 stem	4" 95A polyurethane, 500 lb, 3/8"-16 stem	+127%
5" polyurethane, 300 lb, 4"x4-1/2" plate	5" polyurethane, 900 lb, 4"x4-1/2" plate	+200%
4" hard rubber, 250 lb, expanding stem	4" phenolic, 700 lb, expanding stem	+180%



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