



BDI Drives Home the Savings for Auto Assembly Customer

PROBLEM ▼

A Michigan auto assembly plant was discarding used drive shafts or attempting to replace specific parts of those installed on its skid lift boxes because they were completely worn at the ends. Purchased new, the drive shafts were costing the plant approximately \$1,700 each, and lead time was running up to six weeks. The plant had almost a dozen worn drive shafts sitting around gathering dust, and a number of new ones in the storeroom. (They purchased about 100 new drive shafts each year.)

THE SOLUTION:

BDI approached the body shop engineer with a plan to refurbish the worn-out drive shafts. BDI had the drive shafts cleaned and tightened and replaced any loose or worn parts. The worn urethane wheel on the end of the drive shaft was then remolded and the drive shaft returned in like-new condition, ready for reinstallation.



SUCCESS MADE EASIER:

Drive shafts were refurbished at a cost to the plant of \$718.75 each. To date, BDI refurbished 88 pieces, for a total savings of \$85,250 in 2012! Even better, the refurbished drive shafts can be delivered in a week, reducing lead time and requiring fewer spare drive shafts to be carried in the storeroom. BDI saves money for customers around the world by offering drive shaft refurbishment solutions.

Other examples of cost savings realized by BDI customers:

- **Coal Mine in Northeastern U.S.:**
Approximately \$140,000 annually from BDI rebuilding drive shafts and processing equipment
- **Metal Processing Facility in Midwestern U.S.:**
\$3,104 on a single drive shaft rebuild

Contact your local BDI branch for more information on equipment refurbishment and other BDI Solutions.