

# APPLICATION STORIES

Customer:	A major auto maker
Industry:	Automobile
SIC Code:	3711
Location:	Michigan
Department:	Final assembly and test
Retrofit or OEM:	Retrofit
Machinery Involved:	Transmission test stands are used to simulate actual driving conditions.
Description of Environment:	Test stand and transmission must withstand the "Reverse Test" simulating what happens when you drop your transmission into reverse as you're going 40 mph.
Description of Problem:	Tremendous shock load resulting from the "Reverse Test" caused 3" ball bearings to groove shafting. Vibration is also a major contributor to premature bearing failure.
Solution:	Retrofit 8 stations with Simplicity.
Customer Reaction to Solution:	Customer is ecstatic with long life, vibration dampening, and shock load capability of Simplicity.
Documented Cost Savings:	Saved thousands of \$ by rotating shafting 180° instead of replacing.
Simplicity Part Used:	FL 48-D
Qty of Bearings Used:	40
Date of Installation:	
Photos Available:	No
Illustrations Available:	
Application Write Up Available:	Yes

