

APPLICATION STORIES

Customer:	A leading manufacturer of touring and mountain bikes
Industry:	Bicycles
SIC Code:	3751
Location:	Wisconsin
Department:	
Retrofit or OEM:	OEM
Machinery Involved:	A new rear suspension for a high end mountain bike
Description of Environment:	Tremendous shock loading, dirt, contamination. No lubrication.
Description of Problem:	Plastic and bronze bushings couldn't tolerate the shock loading in the rear suspension of the mountain bike. These failed solutions also required constant lubrication.
Solution:	The PSF flange bearing with an aluminum shell was designed into the pivot point in the rear suspension.
Customer Reaction to Solution:	The PSF aluminum flange bearings has been a tremendous success for this manufacturer. They're expanding the use of this bearing to other designs in their product line.
Documented Cost Savings:	
Simplicity Part Used:	PSF Aluminum flange bearing with Frelon liner.
Qty of Bearings Used:	2 per bike
Date of Installation:	1991
Photos Available:	Yes
Illustrations Available:	No
Application Write Up Available:	Yes

