



Weasler

**50° CONSTANT VELOCITY JOINT
OVER ANGLE**

These pictures show damage resulting from contact of the ball and socket with the center housing when operating a 50° constant velocity (CV) joint beyond the 50° design limit. If contact occurs when the driveline is not turning, the center housing will be dented as shown, and the ball may separate. If contact occurs while the driveline is turning, the center housing will have a longer contact area in the same location as the non-operating dent, and the ball may separate.



CENTER HOUSING



CENTER HOUSING



SOCKET YOKE



CENTER HOUSING

Weasler Engineering, Inc.
P.O. Box 558, West Bend, WI 53095 USA
Tel: +1-262.338.2161, fax: +1-262.338.3709
E-mail: oemsales@weasler.com
web site: www.weasler.com

Weasler Engineering BV
P.O. Box 266, 6600 AG, Wijchen, The Netherlands
Tel: +31-24-64 89 100, fax: +31-24-64 89 109
E-mail: sales@weasler.nl
web site: www.weasler.nl

Weasler Engineering Kft
P.O. Box 262, H6001, Kecskemet, Hungary
Tel: +36-76-500410, fax: +36-76-500 415
E-mail: sales@weasler.hu