



150 Route 17
PO Box 13
Sloatsburg, New York 10974
(845) 753-2005
(800) 227-1523 Nationwide
fax (845) 753-2330
fax (877) 774-3294 Nationwide
WWW.RSGEAR.COM

Email MWEINBERG@RSGEAR.COM

UNIT INSTALLATION AND TROUBLE SHOOTING GUIDE

New Venture 149/249

Before attempting any diagnostic work or trouble shooting on the transfer cases, make sure that the tire pressures and circumference are all the same. Do not just compare tire sidewall labels, you must measure each tire around the center of the tread. A stagger gauge will let you do this with the vehicle on the ground in 5 minutes. The tires must match in size to $\frac{1}{4}$ " (.250) if they do not sell the customer on a new set of tires and again measure them. Mismatched tire sizes and pressures will fail the viscous coupling in these units very quickly. Remanufactured transfer cases include a new OEM viscous coupling which will not be warranted for early failure due to tire size problems.

These units must have both drive shafts installed and correctly balanced. Operating these units in a vehicle with only one drive shaft installed will cause the viscous coupling to self destruct within a few miles. Check all axles for stripped splines as this will also have the same effect on the viscous coupling.

Fill these transfer cases with RSG530GM fluid only to insure maximum operating life and change fluid every 12,000 miles.