



## POWERGLIDE TAILHOUSING

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This tailhousing is designed as a straight bolt on replacement for the standard length powerglide tailhousing. It will fit the Reid Racing Superglide case along with all stock GM powerglides.

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1. Remove the stock powerglide tailhousing and square O-ring seal
2. Install a new O-ring seal (supplied with the PGH)
3. Bolt on the new tailhousing with the socket head bolts and lockwashers supplied with the kit. Torque the bolts to 30 ft-lbs.
4. If the transmission is being used for circle track racing, then plug the stock transmission vent (near the bellhousing just above the oil cooler lines) and install the supplied vent into the tailhousing using a good thread sealer. On a drag race car, plug the stock vent if your transmission tends to blow oil out the vent. If your transmission doesn't blow oil, vent location is optional. If you choose not to use the tailhousing vent, plug the hole with the supplied pipe plug.
5. Yoke recommendations:  
**PGH1B**—Powerglide output shaft with bushing tailhousing: Use stock powerglide yoke or Mark Williams Enterprises p/n 39005 or Strange Engineering p/n U1661.  
**PGH1R**—Powerglide output shaft with roller bearing tailhousing: Use Reid Racing p/n PGYMW or Mark Williams Enterprises p/n 39035 or Strange Engineering p/n U1667N. Do not use a stock powerglide yoke as it is too soft and is about 0.003 inches too large.  
**PGH2B**—Powerglide with Turbo 400 output shaft and bushing tailhousing: Use stock Turbo 400 yoke or Reid Racing p/n PGYMW-400B or Mark Williams Enterprises p/n 39004 or Strange Engineering p/n U1664.  
**PGH2R**—Powerglide with Turbo 400 output shaft and roller bearing tailhousing: Use stock size aftermarket yoke (see PGH2B above) but the yoke is a loose fit. For a perfect fit, use Reid Racing p/n PGYMW-400R which is made for us by Mark Williams Enterprises.
6. All other parts, such as the cross member, bolt right back into place using your existing bolts.

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### LIMITED 90 DAY WARRANTY

Reid Racing, Inc. products are warranted directly by Reid Racing against defective material or workmanship under normal use and service for a period of 90 (ninety) days after purchase. Reid Racing will repair or replace the defective unit, at Reid Racing option, free of charge. This warranty does not cover any damage to the product caused by abuse, mishandling, alteration, failure to follow installation/operating instructions, maintenance, storage and environmental conditions, or repair attempts made by anyone other than a Reid Racing authorized service facility.

OTHER THAN THE LIABILITY STATED ABOVE, REID RACING, INC. SHALL NOT BE LIABLE FOR INJURY, CONSEQUENTIAL, OR OTHER TYPE DAMAGES RESULTING FROM THE USE OF ITS PRODUCTS.

This warranty is in lieu of all other warranties of merchantability or fitness of use. This warranty gives you specific legal rights, and you may also have other rights which vary from state to state.

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