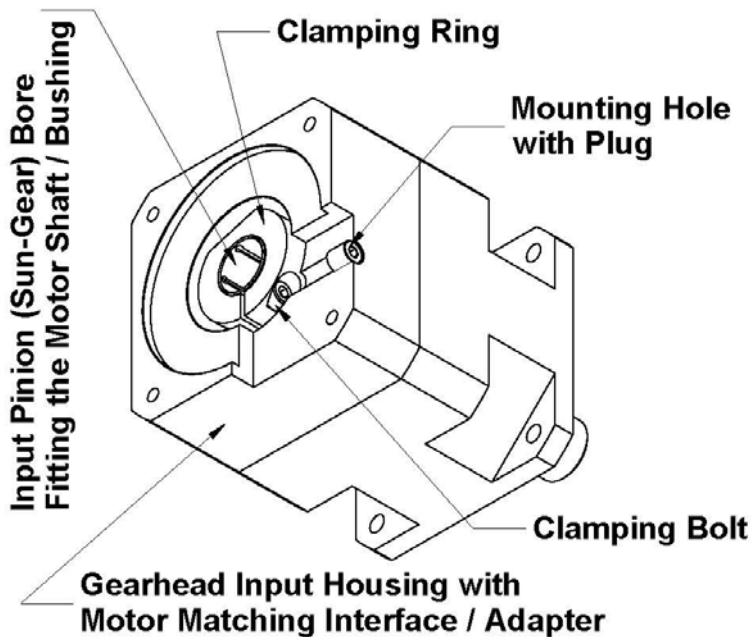


Neugart gearheads are equipped with a patented, reliable backlash free motor shaft clamping system, the PCS (Precision Clamping System). The mounting is very simple and safe, and can be accomplished within a minute (Minute Mount). However, for proper clamping, low noise, and vibration free run, it is essential to strictly follow the recommended mounting procedure.

Motor Mounting Procedure

1. Hold / clamp gearhead in vertical shaft down position
2. Remove Mounting Hole Plug / Set-screw
3. Align clamping bolt with Mounting Hole
4. Clean thoroughly, de-grease the motor shaft, clean motor flange and matching gearhead input / adapter face and pilot
5. Check motor shaft diameter and matching bore / bushing diameter
6. Check Motor pilot and Adapter pilot diameter
7. Loosen clamping bolt using Allen Wrench
8. Feed / fit motor shaft (with bushing if applicable) into pinion Bore. Do Not Force! Motor flange face must be flush with gearhead input flange face
9. Hand tighten the bolts crosswise, connecting the motor to the gearhead
10. Tighten the clamping bolts with torque wrench, applying the recommended torque (see table below)



For mounting procedure see a short video at:
www.neugartusa.com/Service/movie/minutemountmovie05.wmv

Required Clamping Bolt Torque ⁽¹⁾					
	PLS 70 PLV 70 WPLS 70 WPLV 70 PLF-HP 64 PLS-HP 70	PLS 90 PLV 90 WPLS 90 WPLV 90 PLF-HP 90 PLS-HP 90	PLS 115 PLV 115 WPLS 115 WPLV 115 PLF-HP 110 PLS-HP 115	PLS 142 PLV 142 WPLS 142 WPLV 142 PLF-HP 140 PLS-HP 142	PLS 190
Clamping Bolt "Allen-Wrench" Size	2.5	3	4	5	6
mm					
Clamping Bolt Torque	2	4.5	9.5	16.5	40
Nm					
Clamping Bolt Torque	17.7	39.8	84	146	354
lbin					