

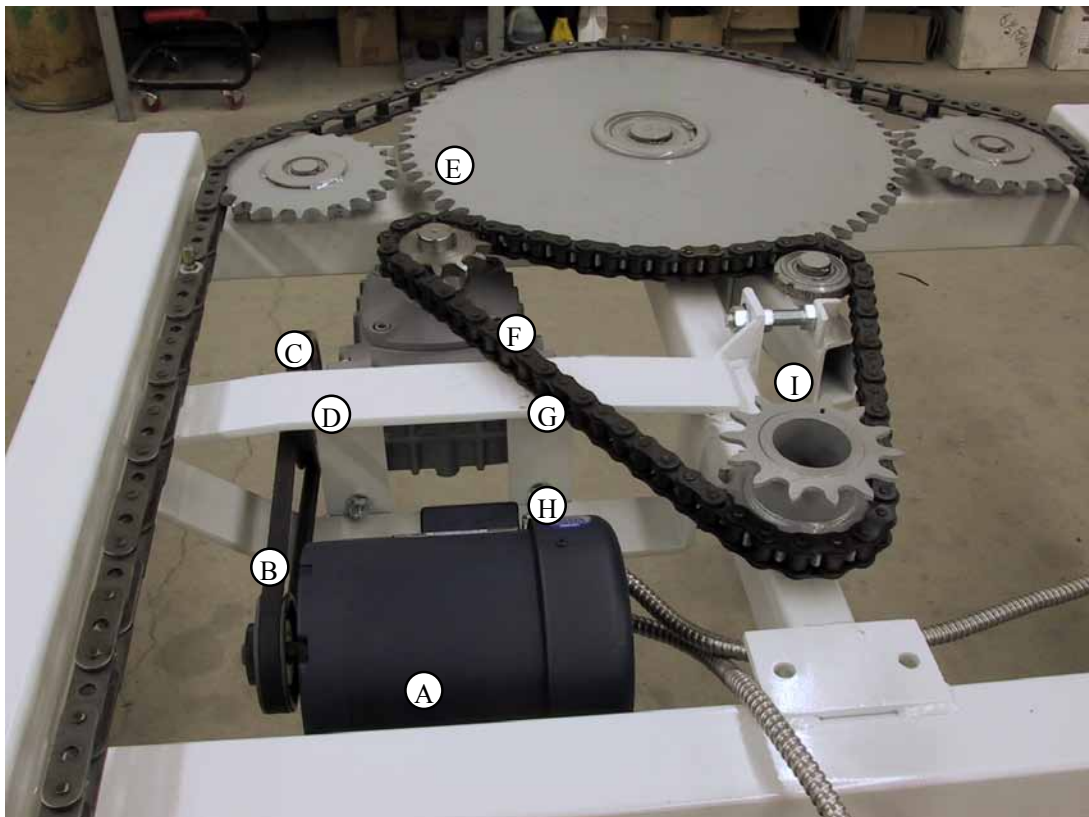
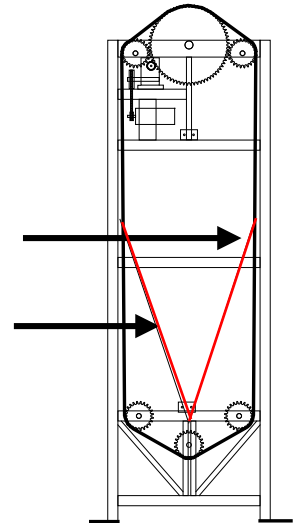
MAINTENANCE

Replace Oil Seals on Gearbox

1. Remove a minimum of 3 rolls of carpet.
2. Rotate the carousel to the point where the 3 empty rolls are at the top the machine to expose the inside top chain cover.
3. Secure the product chain by attaching a chain or a heavy duty strap to each of the load chains on the carousel. And attaching to the bottom cross brace.
4. Working off the platform remove the top inside cover.
5. Turn gearbox input pulley far enough to release any load on the chain.

TO REPLACE THE INPUT SHAFT SEAL ONLY.

1. Loosen belt tension by loosening the 4 nuts that secure the motor (A) to the frame.
2. Remove belt (B)
3. Check gearbox input shaft(C) for any endplay. If there is endplay add or remove shims as needed during installation. Shaft should spin freely but should have no endplay.
4. Loosen setscrews (2) on the gearbox pulley. (C)
5. Remove gearbox pulley (C)
6. Place an oil catch pan underneath the gearbox.
7. Remove 4 cap screws that secure the cap (D) that houses the seal.
8. Remove cap with seal. (only a small amount of oil should escape)
9. Remove old seal and replace with a new one. PART # DGP23
10. Clean shaft with fine emery cloth right where the seal runs on the shaft (any small amount of paint on the shaft will cause the seal to fail)
11. Apply some silicone type gasket maker on the cap.
12. Install cap with new seal. (D)



MAINTENANCE

Replace Oil Seals on Gearbox (con't)

13. Install carefully and tighten 4 cap screws evenly.
14. Check input shaft for endplay. Add or remove shims as needed to correct.
15. Install input shaft pulley. Set it at the same spot as prior to disassembly.
16. Tighten setscrews on the pulley.
17. Install belt (B)
18. Tighten belt by sliding down the motor (A) (use a 2 x 4 about 2 feet long) to pry between the motor and the gearbox mount.
19. Tighten the 4 nuts on the motor mount.
20. Install chain cover
21. Remove load chain securing devices.
22. Test run machine and check for oil leaks.



REPLACE OUTPUT SHAFT SEAL

1. Loosen drive chain (G) by releasing pressure at tension bolt (I)
2. Split drive chain (G) at the connector link.
3. Remove the 4 nuts that secure the gearbox.
4. Slide gearbox to the side.
5. Remove sprocket (E) and key.
6. Remove 4 cap screws (F) that secure the cover plate.
7. Remove and replace the oil seal.
8. Clean gasket surfaces or O-ring.
9. Apply a silicone type gasket sealer to the gear box and cover plate.(F)
10. Install gearbox cover plate.
11. Tighten 4 cap screws
12. Install gearbox sprocket be sure to position it the same as before.
13. Tighten the setscrews on the sprocket.
14. Replenish oil level on the gearbox using 80/90 w oil.
15. Install the gearbox be sure to place the chain properly on the teeth as you slide the gearbox into place.
16. Reconnect the drive chain (G)
17. Install the 4 gearbox mounting bolts and tighten securely.
18. Tighten drive chain (G) with tension bolt I till chain is tight on both sides.
19. Install belt (B)
20. Tighten drive belt (B)
21. Tighten 4 motor mounting nuts (A)
22. Install chain cover
23. Remove load chain securing devices.
24. Test run machine and check for oil leaks.