This Installation Manual covers the Installation Procedure for:

1. Male Input Shaft Adapter Kit
2. Mounting Foot Kit

These kits are optional equipment for all sizes of the Posidyne X Class Clutch/Brakes Drives. These sizes are X1, X2, X3 & X4.

DIMENSIONS

These sizes are X1, X2, X3 & X4. Dimensions of the Posidyne X Class Clutch/Brakes

1. Male Input Shaft Adapter Kit
2. Mounting Foot Kit

A Factory Rebuild Service is offered by Force Control Industries, Inc. Contact our service and sales department for additional information.

A complete Service Manual can be downloaded and printed off of our website. Go to:

www.forcecontrol.com

All of our Catalogs and Service Manuals on the web site are in PDF format and will require Adobe Acrobat Reader 4.0 or later to open them. This Adobe Acrobat Reader 4.0 must be downloaded from our web site if you do not have it installed on your computer.
Male Input Adapter Kit

Foot Mounting Kit

1. Insert the Male Input Shaft into the Split Quill.
2. Attach the Adapter Plate and Mounting Feet to the unit as shown in Figures 1 and 2.
4. Make sure the Locking Collar (#281) is flush with the rear surface of the Split Quill and the splits in the Locking Collar are aligned with the splits in the Split Quill as shown in Figure 1.
5. Torque the (2) Screws in the Locking Collar as follows:
   - (X1, X2 and X3)..........
     11 Ft. Lbs. (132 In. Lbs.)
   - (X4)............................
     22 Ft. Lbs. (264 In. Lbs.)
6. The Drive should be mounted on a firm, level base or foundation, common with both the driving and driven components. Use SAE Grade 5 Hex Hd. Cap Screws to bolt the ... tightening down the bolts, check alignment with both the driving and driven machinery, then recheck after tightening.
7. If the input or output shaft is to be directly coupled, use only a flexible coupling (with horsepower service factor 3 to 1) to take care of maximum torque requirements. Make sure that the shafts to be coupled are concentric within 0.005 in. TIR. Check for horizontal, vertical and angular misalignment. Use shims as necessary to correct.
8. After machinery has been in operation for 40 hours and checked the alignment of all components.

CAUTION:
Do not drive couplings or bushings on the shaft.

To order a complete Male Input Adapter Kit use the following Part Numbers:
- X1: Posidyne #02-X1-IA-KIT
- X2: Posidyne #02-X2-IA-KIT
- X3: Posidyne #02-X3-IA-KIT
- X4: Posidyne #02-X4-IA-KIT

To order a complete Foot Mounting Kit use the following Part Numbers:
- X1 & X2: Posidyne #02-X1-FT-KIT
- X3 & X4: Posidyne #02-X4-FT-KIT

INSTALLATION

Notes:
- The Foot Mounting Kit cannot be used on these Posidyne Units without the Male Input Adapter Kit.
- Add a "W" after KIT for Washdown duty & an "E" for White Epoxy Paint.

Examples - #02-X1-IA-KITW; #02-X1-IA-KITE

Overhung Load Capacity @ Midpoint of Shaft:
- X1: 152 Lbs.
- X2: 152 Lbs.
- X3: 435 Lbs.
- X4: 459 Lbs.