

INTRODUCTION — These instructions apply to the conversion of Type C and E units to Type FC and FZ units using a Conversion Kit with adapter bars. The purpose is to locate the Type FC and FZ low speed shaft extension end in the same position as the Type C and E extension end.

ADAPTER BARS — Adapter bars are available in four different types; refer to Figure 1. Clearance holes (not tapped) are used to secure the adapter bar to the existing foundation. Adapter bars are designed to accommodate the use of existing Type C and E units foundation hardware. Tapped holes are used to secure the Type FC and FZ units to the adapter bar; hardware is provided in the Conversion Kit. Types A, B and C use the same adapter bar for both sides of the unit. Type D has two unique adapter bars.

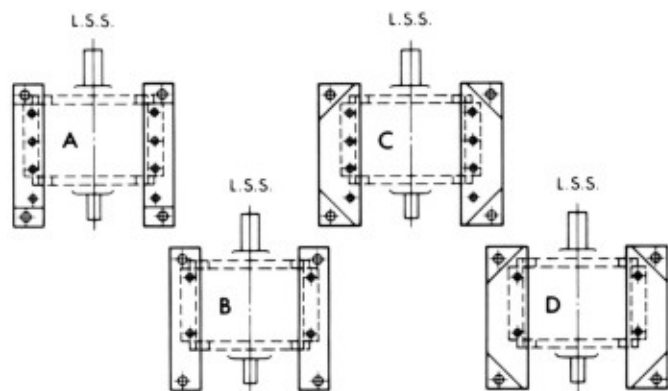


Figure 1

INSTALLATION — For all types, locate the adapter bar on the existing foundation with the tapped holes toward the center of the foundation.

1. For types A, C and D, the stepped surface of the adapter bar should be on top.
2. For types B and D, the tapped holes should be located near the output end of the foundation.
3. The foundation surface in contact with the adapter bar must be flat. If irregularities exist, shim between the adapter bar and foundation to ensure flat mounting of the adapter bar. Refer to Figure 2 for an illustration of the shim locations.

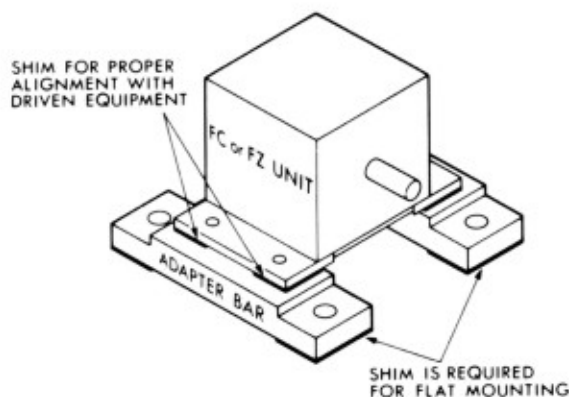


Figure 2

4. Finger tighten fasteners to retain the adapter bar to foundation.
5. Locate the FC and FZ unit on the adapter bar by positioning the unit low speed end foundation holes on the tapped holes nearest the low speed end of the adapter bars.
6. The remaining FC or FZ foundation holes should be in line with the other tapped holes and the extension end of the FC or FZ low speed shaft should be in the same position as the original C or E unit.
7. Install and finger tighten fasteners to retain the FC or FZ unit to the adapter bar.
8. Once the rough alignment is completed, the fasteners connecting the adapter bar to the foundation should be tightened. Refer to Table 1 for tightening torques.

Table 1 Tightening Torques—lb-in.
DO NOT LUBRICATE FASTENERS.

Thread Dia-UNC	Metal to Metal	Metal to Concrete	Thread Dia-UNC	Metal to Metal	Metal to Concrete
.250-20	90	70	1.000-8	6800	5600
.3125-18	185	145	1.125-7	8900	7000
.375-16	330	255	1.250-7	12600	10000
.500-13	825	640	1.375-6	16500	13000
.625-11	1640	1280	1.500-6	22100	17500
.750-10	2940	2290	1.750-5	23700	18700
.875-9	4560	3750	2.000-4½	37000	29000

9. Unit should be aligned with driven equipment by placing shims between the FC or FZ unit and the adapter bar, see Figure 2. Refer to Manual 318-040 for complete instructions regarding installation and maintenance of the FC or FZ unit.