

Taper-Lock® Hub Installation

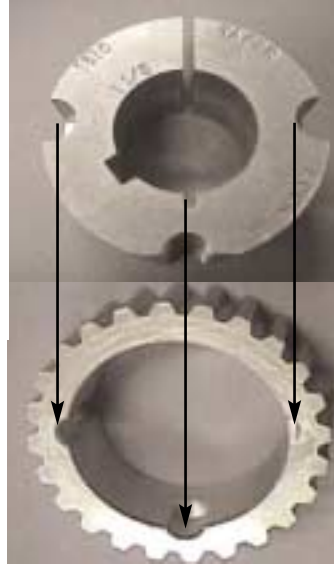
CAUTION 1: Clean shaft, bore of bushing, outside of bushing and hub of all oil and dirt.

CAUTION 2: Do not lubricate the bushing taper, bushing bore, hub taper or the shaft. Doing so could result in breakage of the product.

Note: For DTWP brakes, the endplate must be mounted to motor before locating the hub.

Installation

1. Align the three (3) half-holes of the bushing with the holes of the hub. See Figure 1.



2. "Lightly" oil the two (2) set screws and thread them into the positions indicated by ○ in Figure 2. Do not tighten.

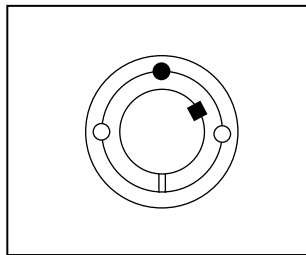


Figure 2

3. Align keyway of the hub assembly with the key and motor shaft and slide hub onto the motor shaft. Set screws must be outward from motor.

4. Position hub as shown in Figure 3 and Table A. (When properly positioned the outer face of the hub should extend past the outer face of the last friction disc by about 1/8").

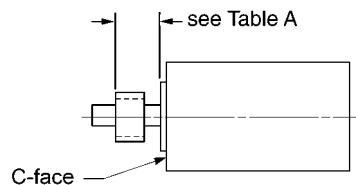


Figure 3

Table A

Number of Friction Discs	Brake Series	87,000*	81,000	82,000
1		1.12		
2		1.62	1.50	2.31
3		2.12	2.00	2.94
4				3.56
5				4.19

* For brakes with extended endplate (-03) add .62" to dimension shown.

5. Alternately torque set screws to 175 lb-in (19.9 Nm). See Figure 4.

CAUTION 3: Do not use worn hex wrenches. Doing so may result in a loose assembly or may damage screws.

6. Recheck screw torques after initial run-in, and periodically thereafter. Repeat steps 5, 6 and 7, if loose.



Figure 4

Removal of Hub

1. Remove the set screws from holes indicated by ○ in Figure 2.
2. Insert one set screw in the hole indicated by ● in Figure 2 and turn clockwise until hub and bushing separate. See Figure 5.



Figure 5

3. Slide hub assembly off motor shaft.

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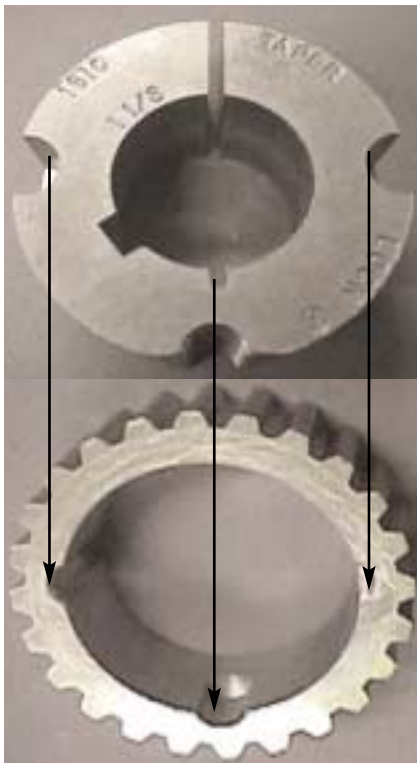


Figure 1

2. "Lightly" oil the two (2) set screws and thread them into the positions indicated by ○ in Figure 2. Do not tighten.

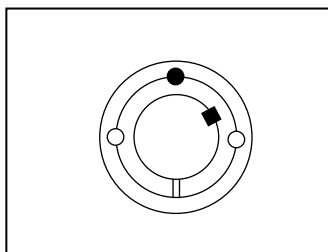


Figure 2

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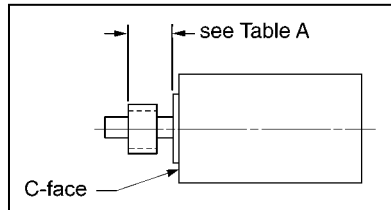


Figure 3

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Figure 4

Removal of Hub

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Figure 5