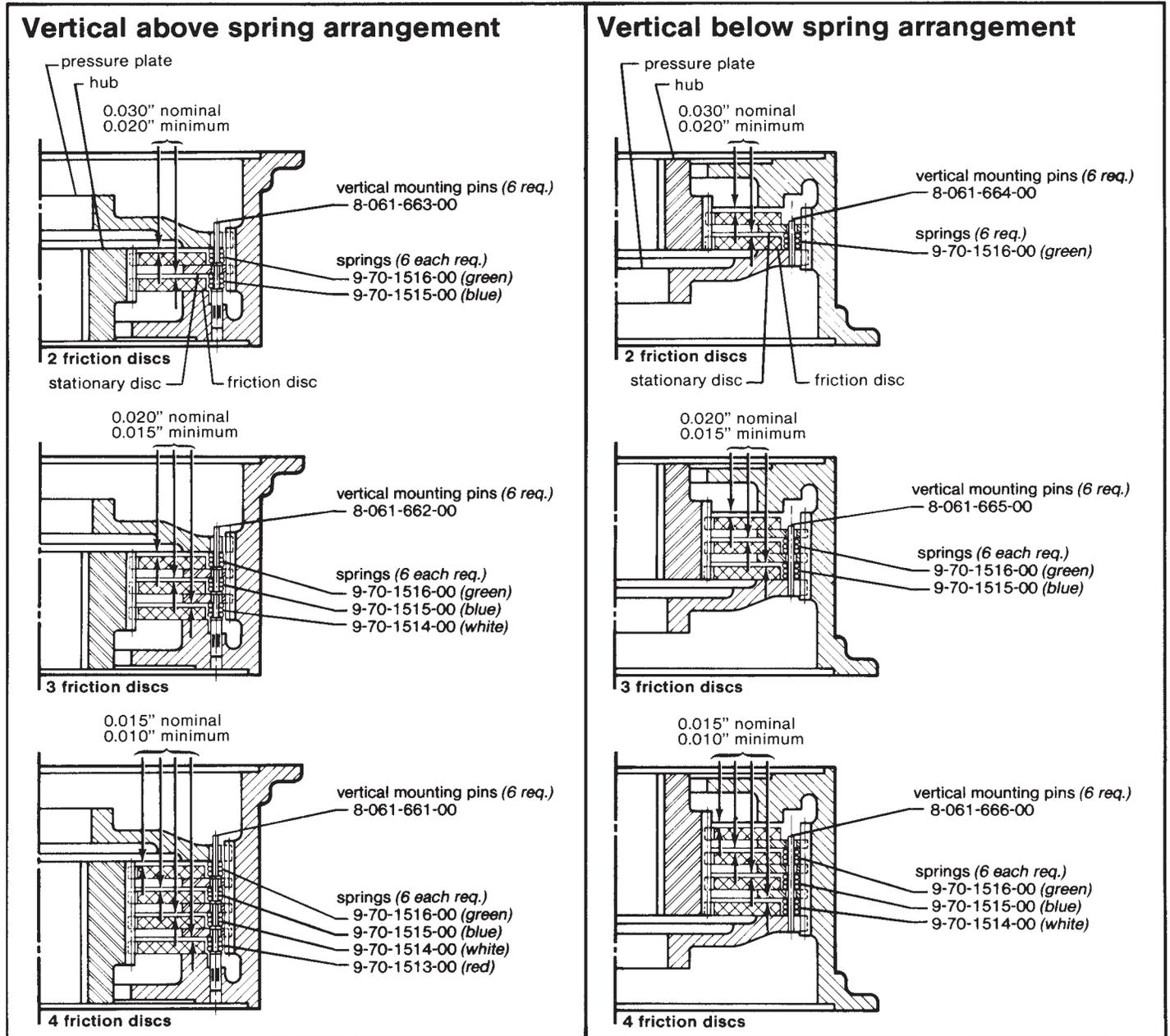


## Installation and Service Instructions for 86,X00 Series Brakes

Spring Arrangement for vertical mounting abovemotor or below motor for standard friction discs with ductile/cast iron pressure plate and stationary disc(s). (For **brass** material see back page)



**Notes: Applies to all spring arrangements as shown.**

1. Dimensions shown on these two pages are assembled clearances simulating a total release clearance from pressure plate to endplate wear surfaces of approximately 0.060". Thus spacers are to be used under springs as required to obtain indicated spacing. Spacer No. 8-138-601-00 (.028" brass) may

be required. An equal number of spacers are to be used for each set of six springs. The disc pack should be set on a flat surface for vertical above or onto the pressure plate for vertical below to obtain or check clearances. Clearances may be somewhat greater in a free position by may not be less than minimum specified when disc pack is compressed to the 0.060" release

clearance. On vertical below brakes, compress disc pack to make sure that components slide freely over pins. If springs do not return components, pins may be bent and will have to be straightened.

2. Follow Installation and Service Instruction Sheet 8-078-926-00 for assembly of brake to motor.

3. **Vertical above mounting:** Assemble the spacers, springs, friction discs, etc. into the endplate in sequence as assembled per Step 1. Friction discs must be free to rotate. Check by rotating hub, if possible, and compress disc pack to make sure that components slide freely over pins. If springs do not return components, pins may be bent, and will have to be straightened.

4. **Vertical below mounting:** Center and align friction discs and assemble disc pack from Step 1 into endplate. For cast iron part numbers of endplate, stationary disc and pressure plate, refer to Installation Sheet 8-078-926-00, under appropriate vertical mounting. For brass components, see Master Plan or consult factory.

**Caution!** Conversion from horizontal to vertical mounting should not be attempted in the field without consulting factory.

**Spring Arrangement for vertical mounting above motor or below motor for standard friction discs with brass pressure plate and stationary disc(s). (See notes)**

