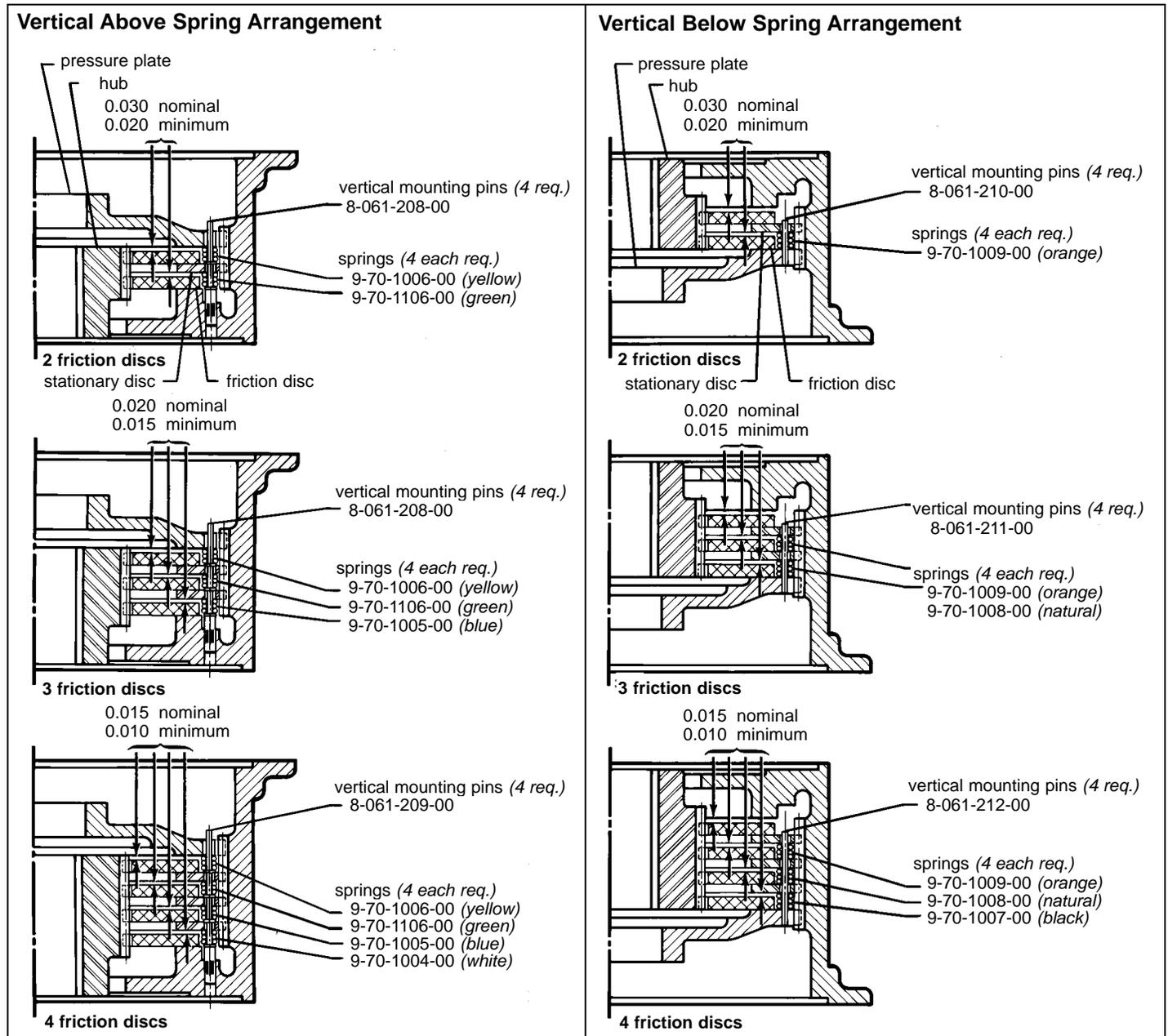


## Installation and Service Instructions for 82,000 Series Brakes

Spring Arrangement for Vertical Mounting Above Motor or Below Motor with Cast Iron Pressure Plate and Stationary Disc(s). (For brass material see back page)



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

- 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. 8-138-207-00 (.010 brass) and/or spacer No. 8-138-208-00 (.015 stainless steel)

may be required. An equal number of spacers are to be used for each set of four springs. Spacers are normally not required for the 2-disc vertical above brake nor for the 2 and 3-disc vertical below brake. 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.

- Follow Installation and Service Instruction Sheet 8-078-922-00 for assembly of brake to motor.

(continued)

3. **Vertical above mounting:** Check to make sure that shoulder of vertical mounting pins and endplate friction surface are flush. Assemble the spacers, springs, friction discs, etc. into the endplate in sequence as assembled per Item 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 Item 1 into endplate. For cast iron part numbers of endplate, stationary disc and

pressure plate, refer to Parts List 8-078-916-02, 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 with Brass Pressure Plate and Stationary Disc(s). (See notes)

