

**Memo to:** Dan Smith

**From:** Wayne Koska

**Subject:** Position of Collar Gage Packs for DC0305 with new Inner Coil

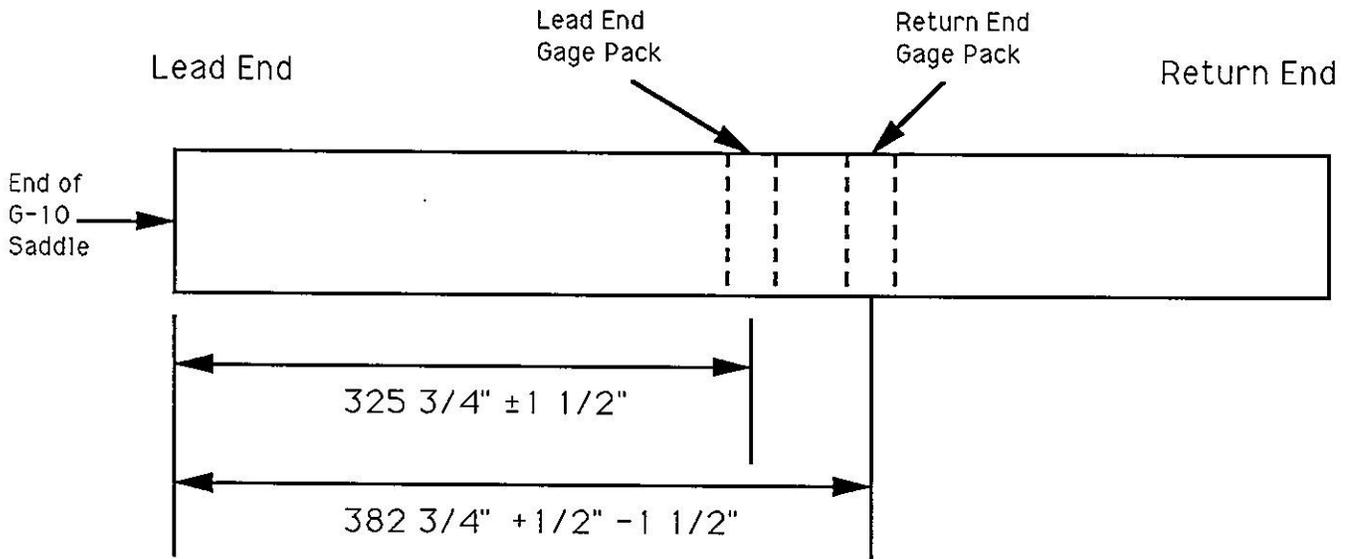
The Collar Gage Packs for DC0305 should be centered  $325 \frac{3}{4} \pm 1 \frac{1}{2}$  and  $382 \frac{3}{4} + 1 \frac{1}{2} - 1 \frac{1}{2}$  inches from the outside edge of the lead end G-10 saddle (see figure 1).

These two positions correspond to the best estimate of the minimum and maximum of the summed azimuthal size of the two inner coils and are therefore the specified positions for the gage packs<sup>1</sup>. The measurement turn around position for both inner coils (17M-1011R and 17M-1006R) was 213-214. The minimum azimuthal size (4.3 mils) is at position 106 and the maximum azimuthal size (21.9 mils) is at position 125 (see figure 2). These positions correspond to the above stated locations, assuming the starting location of the measurements was  $9 \frac{1}{4}$  inches from the lead end.

[1] W. Koska, Collar Gage Pack Positions for DC0303, TS-SSC 90-087  
11-14-90

cc Bob Jensen

Wayne Koska  
2-21-91



Specification for Gage Pack Locations in  
DC0305

Figure 1

# Summed Azimuthal Measurements vs. Longitudinal Position for DC0305 (Coils 17M-1011R & 1006R)

