

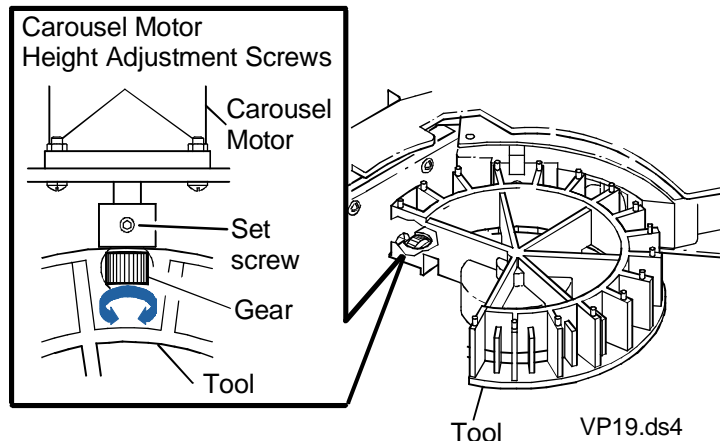
VP-19: CAROUSEL MOTOR AND GEAR ADJUSTMENT (pg 1 of 2)

Time: 10 minutes

Purposes:

- To set carousel gear position on carousel motor shaft
- To position motor at correct height to ensure positive carousel drive

1. Adjust carousel gear positioning (Figure VP19):
 - a. Place Carousel Motor Gear Alignment Tool in analyzer with cutout over gear.
 - b. Loosen set screw.
 - c. Center gear in cutout.
 - d. Tighten set screw.



VP-19: Carousel Motor and Gear Adjustment (pg 2 of 2)

2. Adjust carousel motor height:
 - a. Place Tool in analyzer with cutout over gear.
 - b. Put downward pressure on Tool and rotate Tool clockwise (CW) and counterclockwise (CCW) over gear. Teeth must fully mesh, but Tool must not be raised by gear.
 - c. Loosen Carousel Motor Height Adjustment Screws.
 - d. Adjust motor up or down until Tool rotates properly over gear.