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## **PROCEDURE FOR SELECTIVITY POTENTIOMETER ADJUSTMENT**

**COMPARITORS<sup>®</sup>** can be tested in the following operating extremes:

- 1). FULL REJECT
- 2). FULL ACCEPT
- 3). EXCELLENT DISCRIMINATION

SELECTIVITY TEST TO BE PERFORMED AFTER ALL OTHER ADJUSTMENTS AND CALIBRATIONS WERE PERFORMED i.e. (Sensor Coils Adj., Rail Adj., Damper Weight, Armature and other Mechanical Functionality Checks).

### PROCEDURE

- 1). FULL REJECT  
TURN POT FULLY CW, FEED PROPER COINS INTO MECH, ALL COINS ARE TO BE REJECTED.
- 2). FULL ACCEPT  
TURN POT FULLY CCW, FEED PROPER COINS INTO MECH, ALL COINS ARE TO BE ACCEPTED.
- 3). EXCELLENT DISCRIMINATION
  - A). ADJUST POTENTIOMETER CW UNTIL PROPER COIN IS REJECTED.
  - B). DROP HIGH QUALITY SLUG, IT SHOULD ALSO REJECT.
  - C). BACK OFF POT ROTATION CCW UNTIL PROPER COIN ACCEPTS.
  - D). REPEAT STEPS A THRU C, IF NECESSARY.
  - E). DROP AT LEAST SIX PROPER COINS, THEY SHOULD ALL ACCEPT AND THE SLUG SHOULD REJECT, IF NOT REPEAT STEPS A THRU D.
  - F). THIS IS THE FINAL FACTORY SETTING OF THE POTENTIOMETER.
- 4). MECHS WHICH DO NOT MEET FULL REJECT OR FULL ACCEPT CRITERIA ARE TO BE REJECTED AND BROUGHT TO SUPERVISORS ATTENTION FOR FURTHER ANALYSIS.

NOTE: CW = CLOCKWISE  
CCW = COUNTER CLOCKWISE