

S E R V I C E N O T E

SUPERSEDES: None

**5DX Structural Process Test Systems Series I,
Series II & Series 2L Systems****DC Servo Motor Reliability Upgrade****Serial Numbers:**USXXXX100 / USXXXX499**To Be Performed By:** Agilent-Qualified Personnel or Agilent Trained Customer**Situation:**

The motor encoders used in Series I through Series 2L systems (Part Numbers E7200-63605, E7200-63606) fail at a high rate from stage slams. The slam forces the motor shaft, which is directly attached to the encoder, to slide axially. The distance the motor shaft moves is greater than the distance between the encoder read heads and encoder disk. The force pushes the encoder disk into the read heads, which damages the encoder.

Solution/Action:

A motor/encoder upgrade kit, part number E7200-68108, is available which modifies the motor to prevent the described encoder damage from occurring during stage slams. The upgrade procedure is included in the kit.

DATE: May 2000

ADMINISTRATIVE INFORMATION

SERVICE NOTE CLASSIFICATION:		
MODIFICATION AVAILABLE		
ACTION CATEGORY:	AGREEABLE TIME	<input type="checkbox"/> PERFORMANCE ENHANCEMENT <input checked="" type="checkbox"/> SERVICE/RELIABILITY ENHANCEMENT
LOCATION CATEGORY:	<input type="checkbox"/> CUSTOMER INSTALLABLE <input checked="" type="checkbox"/> ON-SITE <input type="checkbox"/> SERVICE CENTER	AVAILABLE UNTIL: Always
AUTHOR: AH	ENTITY: 0980	ADDITIONAL INFORMATION: