

Harnois, Steven

From: John Fusco [jd@npas.com]
Sent: Wednesday, September 15, 2010 9:25 AM
To: Harnois, Steven; Bleskacek Jim; Karin (DPS); John Christy; Lee Lisa (DCJS)
Subject: Service Center Alignment Fixture

Hi

We are sending you a fixture (NPAS Part no 41421) to assist your service people in aligning the chopper wheel and the chopper wheel collar. The fixture will self align the chopper wheel to the collar. This is a free item and is going out to all DMT service centers. Our recent engineering evaluations indicated that the centering of the collar to the wheel is important to the longevity of the chopper motor wear. This has been visually aligned in the past and this procedure was not always adequate resulting in an imbalance of the wheel on the motor and leading to premature wear of the motor along with possible eventual failure. While this is not something that will affect the results of any test, it can mean replacement of the motor.

IF you have instruments currently in service, we are suggesting that this alignment be checked with the fixture at the next certification or service of the instrument. It only need be checked one time as the alignment will stay correct as long as the wheel and the collar are not disassembled. Changing the motor will not affect the alignment and a good alignment should greatly reduce the probability of a chopper motor change.

The use of the fixture should be obvious to the techs. They need to remove the motor from the block, along with the chopper wheel assembly. Loosen the nut that retains the chopper to the collar and place the chopper wheel and collar into the fixture. Align the collar to the chopper wheel by seating both into the fixture and retighten the nut. Reinstall the motor and Chopper wheel into the block.

If they have any questions have the call Chris.

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