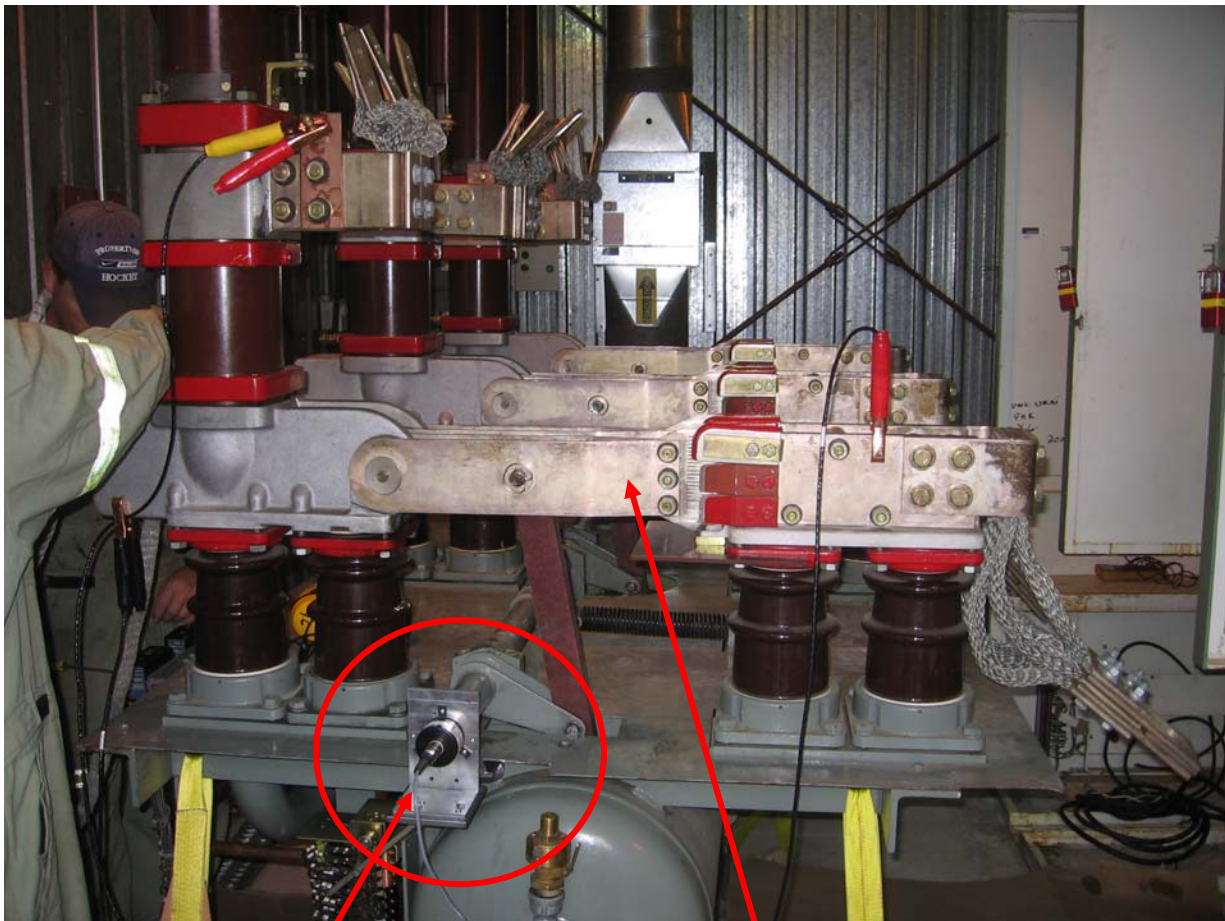


EXAMPLE 17 : DB BREAKER FROM WESTINGHOUSE (QUEBEC, CANADA)

Measuring the travel of the blade can be critical on DB breakers. If the blades are not well aligned or move too fast, it can result in breaker damages which can be costly to repair.

On this air blast breaker, the travel measured is represented by the movement of the blades. Our rotary transducer ZRT must be positioned directly aligned with the breaker rotary axis as shown below.

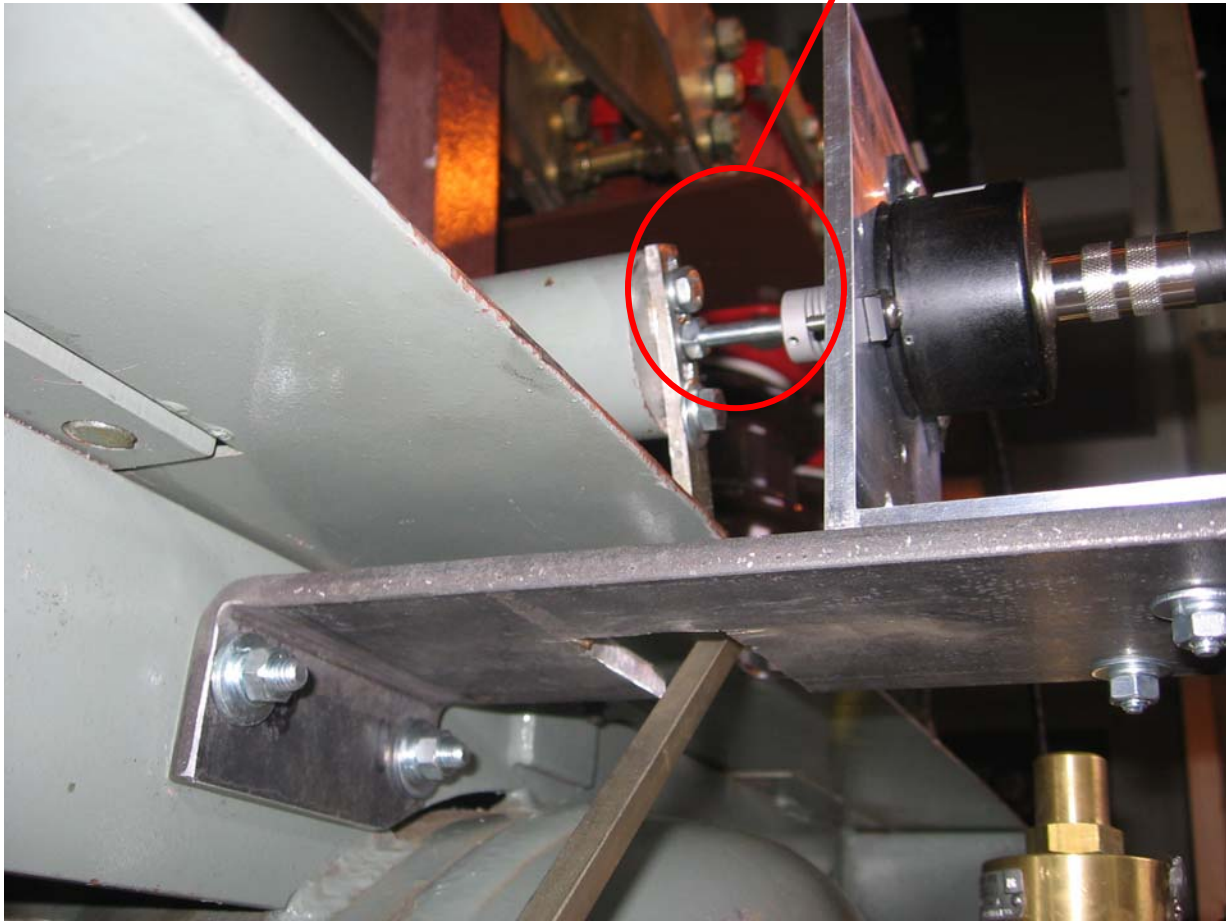


Rotary transducer aligned
with the breaker rotary axis

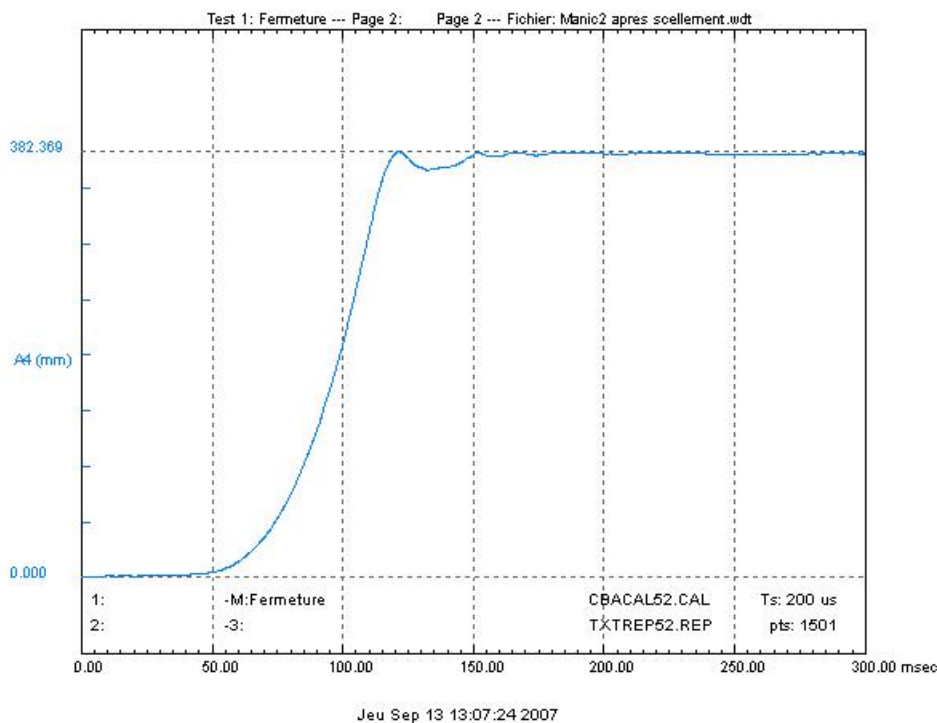
“Blades”

A mechanical support allows to afix solidly the transducer to the breaker moving part. A special bolt must be inserted onto the breaker rotary axis. In this case the breaker technicians had to thread the axis hole to be able to insert the bolt.

Coupling piece and special bolt



Here is the measured travel curve at the close operation.



Here is the measured travel curve at the open operation.

