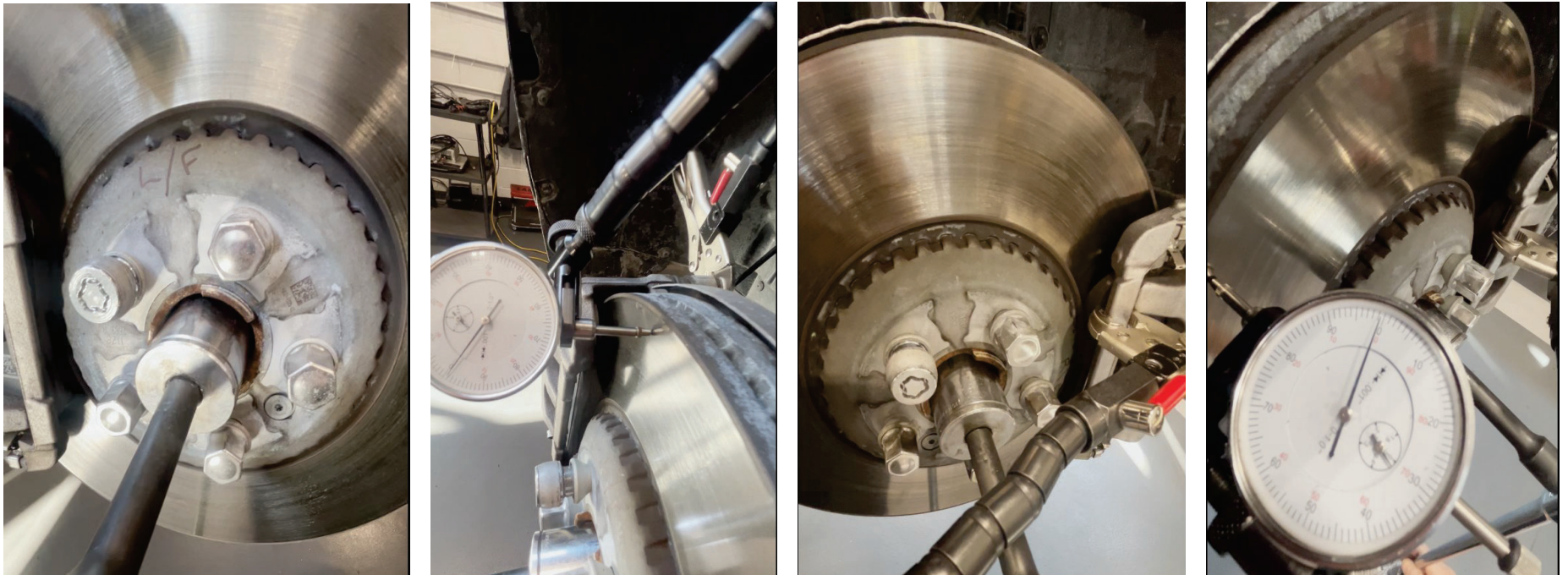


BEST PRACTICES – BRAKE JUDDER/VIBRATION

- There have been several FRED submissions for a customer allegation of brake judder/vibration.
- If a customer is alleging that there is brake judder/vibration, the supporting evidence must be clear.
- Please take videos of the brake rotors being measured for lateral runout.
- Proceed to disassemble the brake components from the vehicle and take photos of the rotors and pads (both front and back surfaces, as shown on the previous slide).
- Please also take photos of the hub flange mating surfaces.
- Once the photos are taken, It is important that the submission attachments are clear, as this will justify the gateway for approval based on evidence of a manufacturing defect.

BEST PRACTICES – BRAKE JUDDER/VIBRATION (CONTINUED)



Step 1. Videos of the brake rotors being measured for lateral runout

BEST PRACTICES – BRAKE JUDDER/VIBRATION (CONTINUED)

Step 2. Photos of the brake rotors and pads (both front and back surfaces)



Step 3. Photos of the hub flange mating surfaces