Service Department

Technical Service Bulletin

Dodge

Dodge Cars

Of Interest ☐ General Manager ☐ Sales Manager ☐ Service Manager ☐ Parts Manager ☐ Service Technicians

July 28, 1971

No. D71-5-4

BRAKES

Disc Brake Noise

MODELS: All 1970-71 Equipped With Floating Caliper Disc Brakes

P-2040-C

Brake noise described as high pitch squeal that occurs on light brake application at speeds generally below 40 MPH, may be caused by the outboard shoe and lining assembly vibrating.

The following procedure is recommended to reduce brake noise created by the above condition. Any abnormal conditions such as badly worn lining, scored rotors, worn pins or bushings must be corrected before using this procedure.

1. Remove the front wheels.

2. Remove the guide pins and positioners that attach the disc brake caliper to the adaptor. Carefully slide caliper out and away from disc and adaptor.

3. Remove the outboard shoe from the caliper.

4. With a piece of medium grit sand paper, emery paper, or with a wire brush, clean the dirt and rust from the steel back of the outboard shoe and from inside surface of the caliper fingers which bear on the shoe. Take care not to contaminate the lining surface with oily fingers or by placing on an oil bench surface. Wipe off the excess dirt from the shoe back and the inside surface of the caliper fingers with a clean dry cloth.

5. Apply a liberal coating of Cycleweld K101 Cement (Chrysler P/N 3683897) with a small brush to the clean shoe back and to the inside surface of the caliper fingers at the points that bear on the shoe. Allow the cement to air dry approximately 15 minutes or until the surface texture obtains a dull finish.

6. Install the caliper guide pins through the small outboard bushings so that they extend inboard about one inch towards the piston. Reinstall the shoe in the caliper, sliding the shoe over the pins to align the guide pin holes between the shoe and the caliper fingers. Firmly press the shoe to the caliper fingers so that the shoe sticks. Remove the guide pins.

(Over)

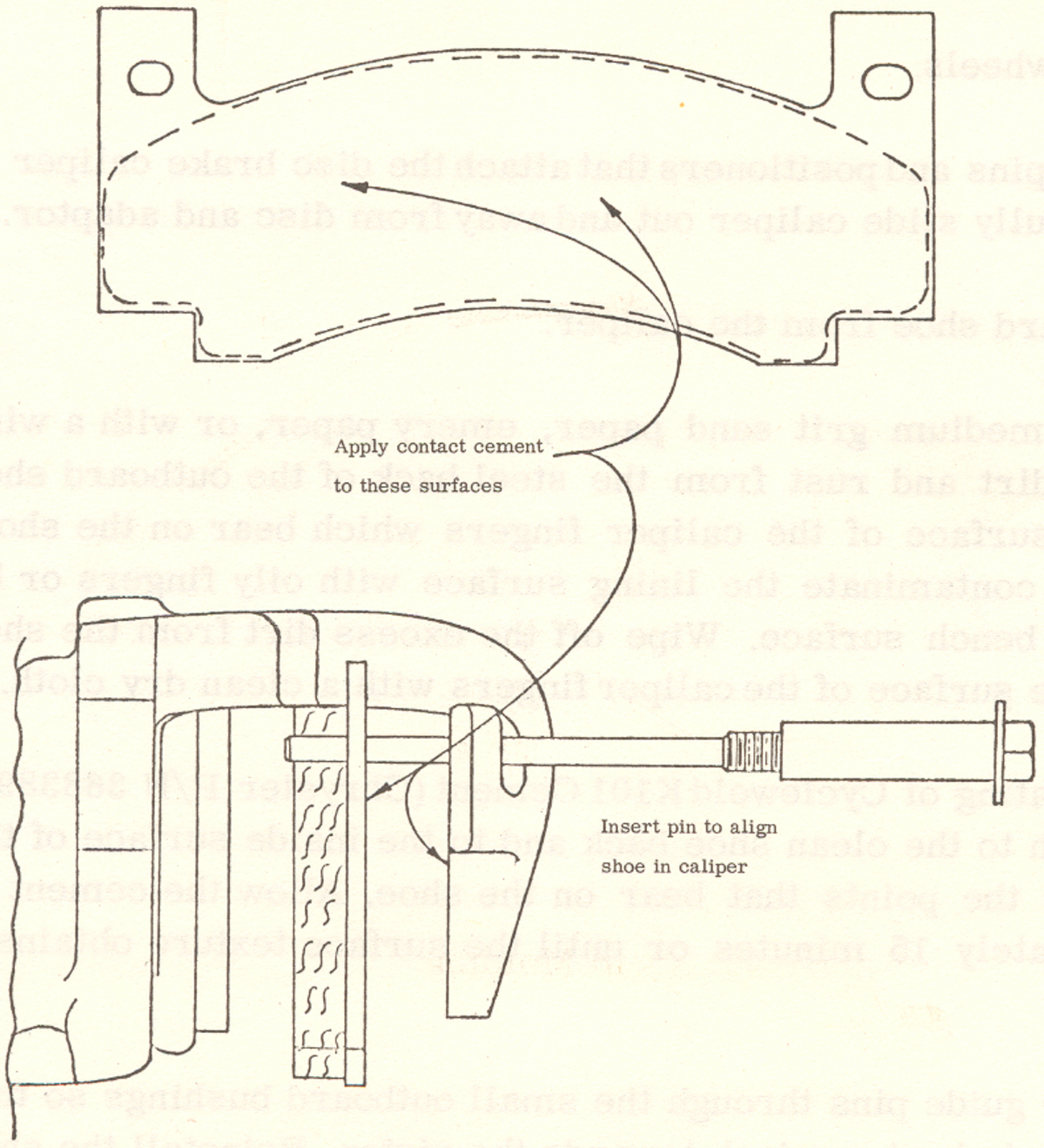
7. Carefully slide caliper down into position in the adaptor and over the disc. Align pin holes of caliper, adaptor, inboard and outboard shoes, and anti-rattle spring. Reinstall caliper guide pins and positioners. Tighten guide pins from 30 to 35 foot-pounds torque.

8. Repeat the above seven (7) steps on the other caliper.

9. Reinstall wheels. Pump the brake pedal several times until a firm pedal has been obtained.

Reimbursable:

Time Allowance (indicate No. 05-04-71D on W.R.O.)..... 1 Hr.



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