INSTALLATION INSTRUCTIONS
FORD FOCUS REAR CAMBER SHIM

1) Inspect vehicle for worn, damaged, or loose components. Repair as necessary.

2) Check rear alignment. It is essential to adjust rear toe to specification on both sides of the vehicle, because toe angle affects camber.

3) Choose proper shim for each side of vehicle. It is suggested to mark the shim with an L or R at the top of the shim. The thick part of the shim should be UP for positive camber, DOWN for negative camber.

4) Raise vehicle, support safely.

5) Remove wheel.

6) Use a suitable tool to pinch off the rubber brake hose.

7) Remove the brake line at the wheel cylinder.

8) Remove the ignition key to prevent setting an ABS code. Remove the ABS wire from the brake backing plate.

9) Remove the four hub attaching bolts from the back side of the brake backing plate.

10) Remove the brake drum and wheel hub assembly.

11) Collect brake dust using approved methods.

12) Use a hammer and chisel to cut off the rivet heads attaching the brake backing plate to the suspension arm. Leave the emergency cable attached. Swing the backing plate out of the way.

13) Use a 3/16" punch or drill to remove the rivet shank.

14) Place the camber shim in position for positive or negative camber change. Make sure the large oval hole is in the correct place for the ABS sensor.

15) Place backing plate over camber shim using a small punch through one of the rivet holes to align all components.

16) Insert a rivet through second rivet hole using a hammer. Drive rivet only part way through at this time.

17) Remove punch and install the second rivet using a pneumatic air hammer. Drive both rivets in until they are sealed.

18) Looking inside the brake drum, align hub assembly so bolt holes and ABS sensor location are properly oriented. Slip assembly over brake shoes to mate with the backing plate.

19) If you are installing 1/2 degree shim, reuse four factory hub bolts. For one degree shim installation, use two bolts pro-vided with shim through thick side of shim (top holes for positive camber, bottom holes for negative camber). Install and snug four bolts. Make sure brake drum rotates freely. Torque bolts to 50 ft. lb. (68 N.m.). Reverify free rotation of brake drum.

20) Reinstall brake line into wheel cylinder and tighten. Place catch pan under brake drum. Remove clamp from brake hose. Open brake bleeder. Brake will self-bleed.

21) When air bubbles stop, tighten bleeder screw.

22) Reinstall ABS wire. Reinstall wheel.

23) Reinstall and recompensate alignment sensor.

24) Repeat procedure on other side of vehicle as required.

25) Top off brake fluid in master cylinder.

26) Lower vehicle, verify proper camber change. Proceed with rest of alignment, road test vehicle.

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