

FILE NAME: Ford (FD)

DATE: 1970

DOC#: FD034

DOCUMENT DESCRIPTION: Industry Warning Information

OP 2018-B FRONT BRAKE SHOES - REPLACE

It is important that brake shoes are changed in sets, i.e. do not change the shoes on one side of any axle assembly.

Tool: Adjusting Nut Wrench Adaptor - C 1032

To Remove

1. Remove the wheel trim and the grease cap and back off the brake adjuster.
2. Jack up the vehicle, fit chassis stands and support the wheel with a wheel trolley.
- 3(a) 4,300 kg. (9,500 lb. axle). Remove the split pin, unscrew the bearing adjusting nut and withdraw the thrust washer and the outer cone and roller assembly.
- 3(b) 4,990 kg. (11,000 lb. axle). Bend back the tab washer and unscrew the locknut. Remove the tab washer and lock ring, unscrew the adjusting nut using Tool number C 1032 and remove the outer cone and roller assembly.
4. Remove the wheel, hub and drum assembly using the wheel trolley and drive out the inner cone and rollers and the hub seal but do not damage the roller cage.
5. Carefully lever the trailing edge of each shoe away from its abutment slot in the wheel cylinders. Gradually release one shoe so that the retracting springs can be detached and the brake shoes removed.
6. Blow out any dust present in the drum and back plate taking care not to inhale any of the brake dust. Goggles must be worn to protect the eyes and all the normal precautions must be taken when using compressed air in this manner.

To Replace

1. Fit the retracting springs to the brake shoes and slide the leading edge of each shoe into the locating slot in its wheel cylinder piston. Carefully lever the trailing edge of each shoe into its abutment at the rear of the wheel cylinder.

Fig. 26 Dual Air Actuator Mounting
(1) ACTUATOR
(2) INDICATOR ROD
(3) WARNING LIGHT SWITCH
(4) MASTER CYLINDER

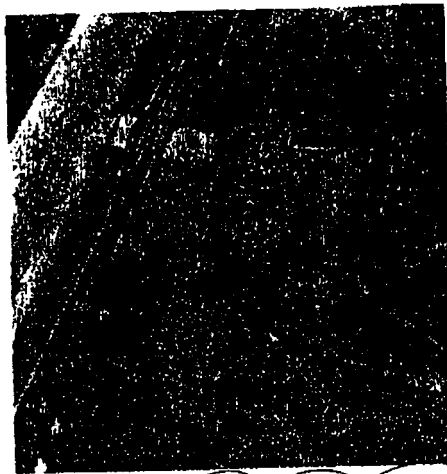


Fig. 27 Front Brake Assembly
(1) WHEEL CYLINDERS
(2) RETURN SPRINGS



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PRE '82 R-SERIES

JUNE 1970

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