

REMOVAL

Shock Absorber

The shock absorber is non-adjustable, non-refillable, and cannot be disassembled. The only service the shock absorber requires is replacement when it has lost its resistance, is damaged, or leaking oil or gas.

- 1) Hoist car.
- 2) Loosen lower and upper nuts, and remove shock absorber.

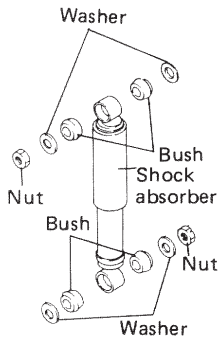


Fig. 17-2-2

Leaf Spring

- 1) Raise car. In this operation, garage jack or hoist must not be positioned against rear suspension related parts. When garage jack is used, place safety stands under chassis to support raised body.

NOTICE:

Don't let rear axle housing hang on brake hose or pipe. If it occurs, hose or pipe may be damaged. To prevent it, always hold rear axle housing of raised car with safety stands.

- 2) Remove rear wheel.
- 3) Remove U-bolt nuts.
- 4) Remove shackle nuts and leaf spring nut.
- 5) Pull out leaf spring bolt and remove leaf spring from shackle pin.

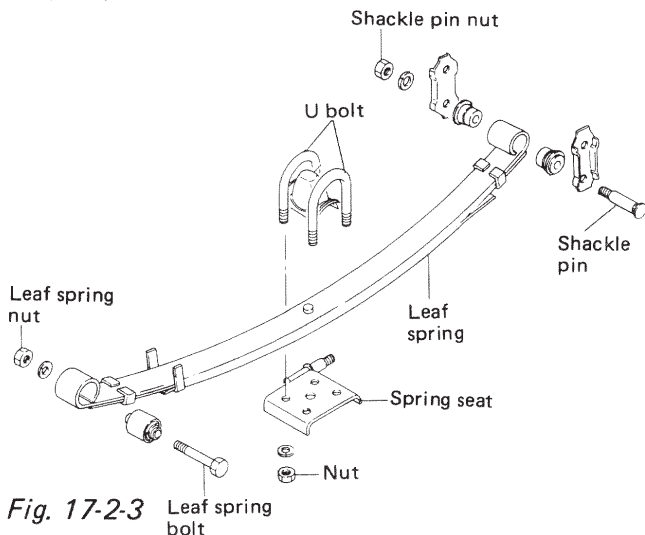
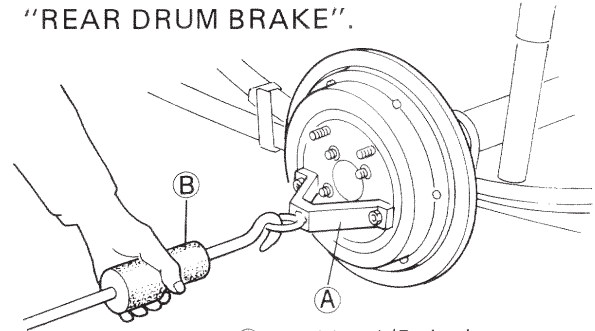


Fig. 17-2-3

Rear Axle Shaft

- 1) Remove rear brake drum. Refer to item 19-3 "REAR DRUM BRAKE".



- (A) Special tool (Brake drum remover 09943-35511)
- (B) Special tool (Sliding hammer 09942-15510)

Fig. 17-2-4

- 2) Drain oil from axle housing loosening drain plug.

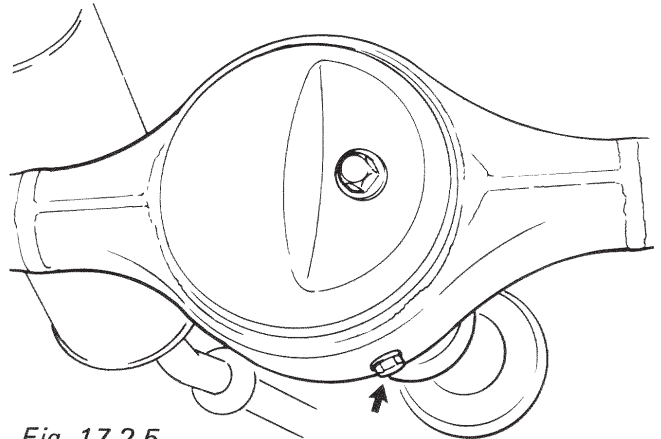


Fig. 17-2-5

- 3) Disconnect brake pipe from wheel cylinder. Have a small plug ready for use when disconnecting pipe. As pipe comes off the wheel cylinder, plug the pipe to prevent brake fluid from leaking out. And remove 4 brake backing plate securing bolts.

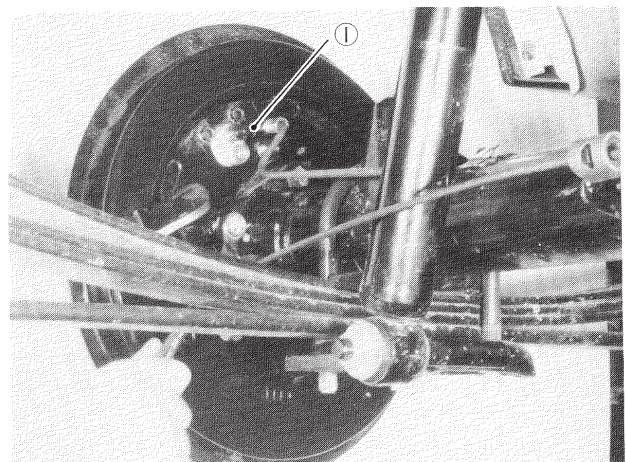


Fig. 17-2-6 1. Plug

4) Using special tools indicated below, draw out each live axle shaft with brake backing plate.

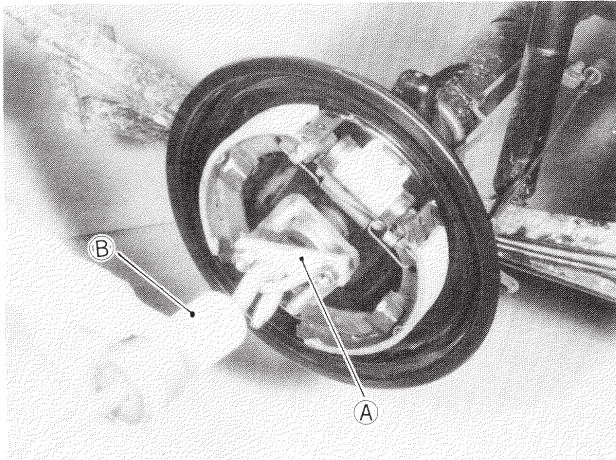


Fig. 17-2-7 (A) Special Tool (Rear Axle Remover 09922-66010)
(B) Special Tool (Sliding Hammer 09942-15510)

Rear axle shaft that was drawn out.

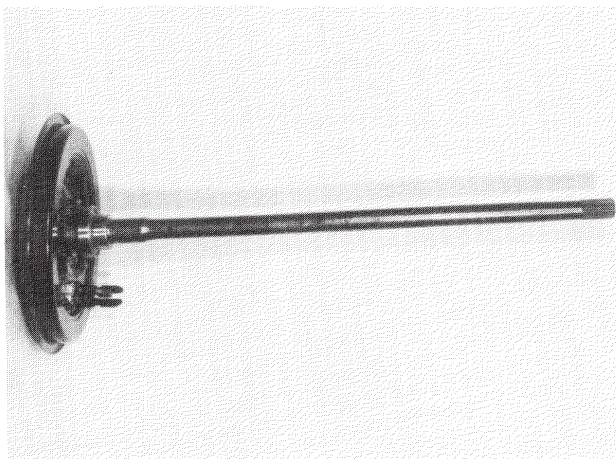


Fig. 17-2-8

5) In order to remove the retainer ring from the shaft, grind with a grinder two parts of the bearing retainer ring as illustrated till it becomes thin.

CAUTION:
Be careful not to go so far as to grind the shaft.

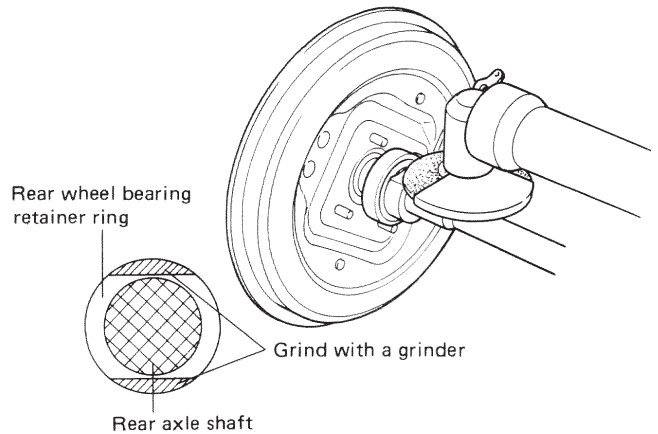


Fig. 17-2-9

Break with a chisel the thin ground retainer ring, and it can be removed.

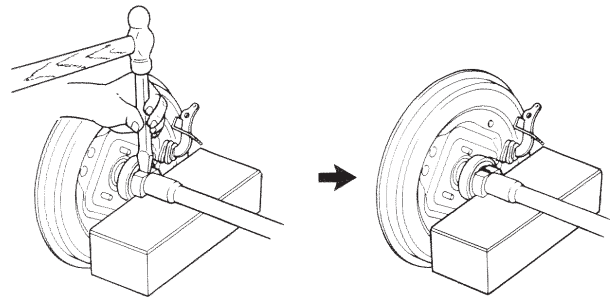


Fig. 17-2-10

6) Using special tools (C and D), remove bearing from shaft and then remove brake back plate.

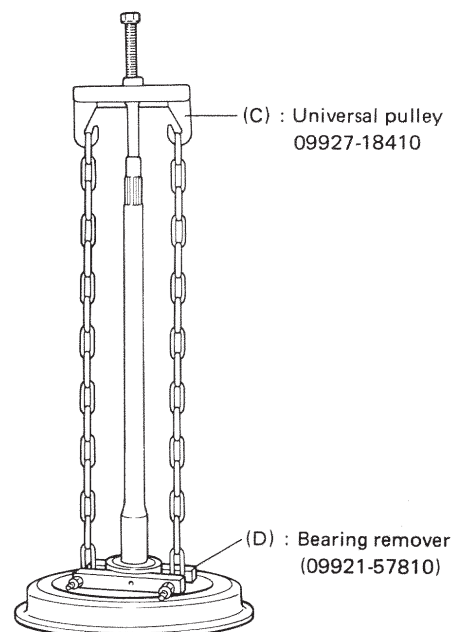


Fig. 17-2-11

INSTALLATION

Reverse removal procedure observing each precaution.

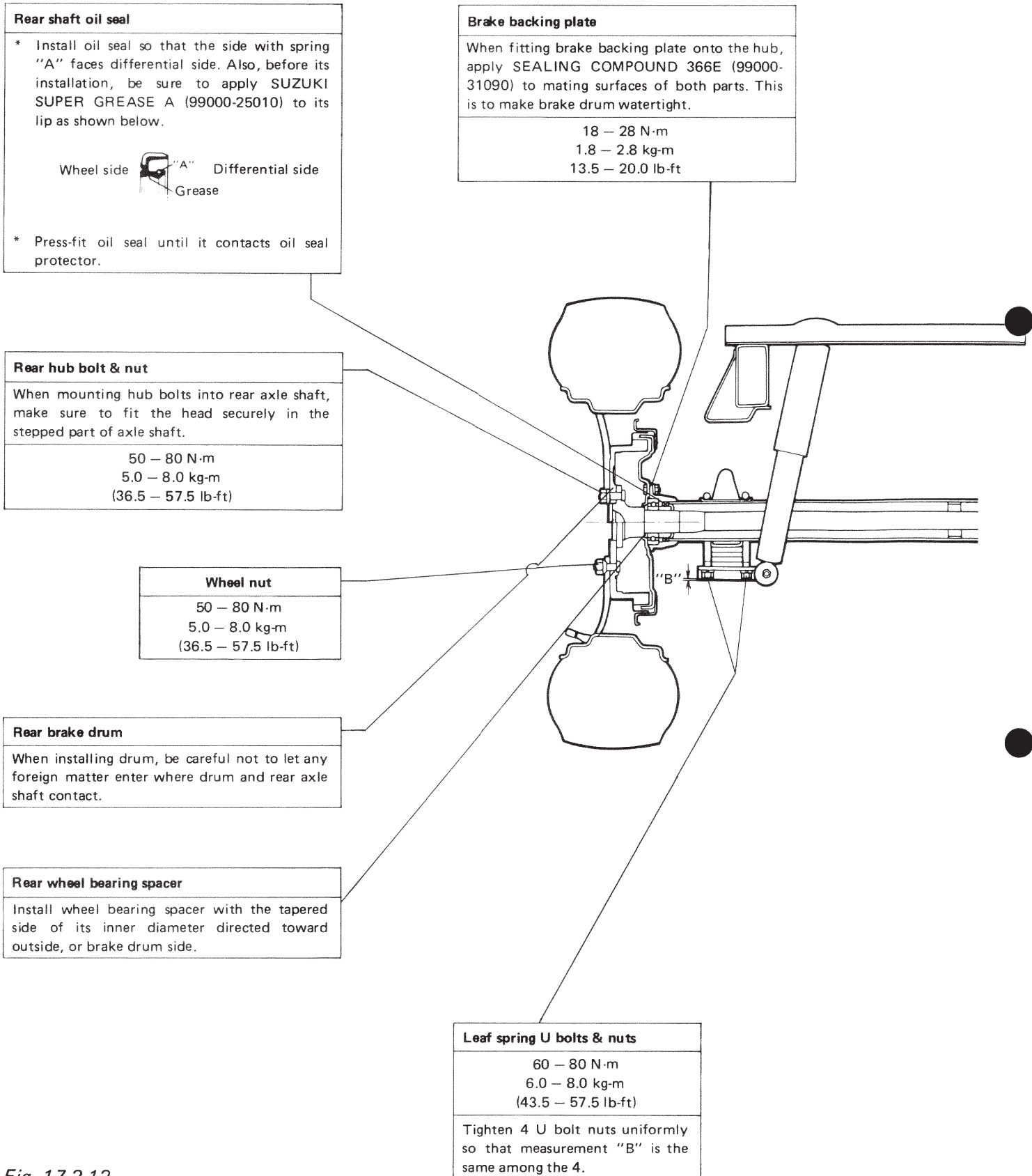


Fig. 17-2-12