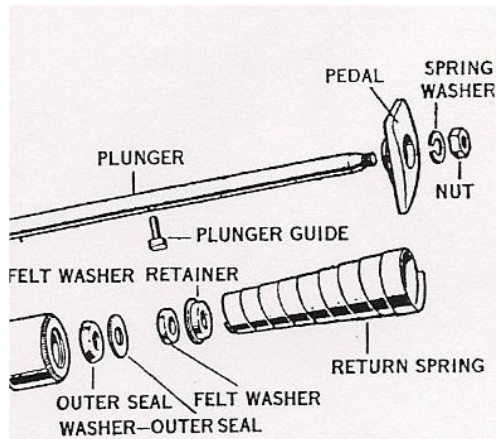


Replacing the pedal end seal of the brake master cylinder

First for obvious reasons remove carpet. This will need (or probably) removing the rubber pedal caps. Remove pedal from plunger by unscrewing the nut and tapping the pedal inside to out till it becomes detached. Place an absorbent cloth under master cylinder. Remove the return spring, felt washer and retainer. Clean master cylinder head. Now you will see the outer seal washer, this is recessed and flush with the housing. With a hand drill and 2.5mm bit drill, drill a 1mm hole between 4 and 5 o'clock, (see right pic). With a 1 inch masonry nail and small hammer tap gently under the washer from the hole till it becomes free. Remove. With new seal ready, remove and replace outer seal. The master



cylinder was half full at the time of doing this, however, very little if any escaped while changing seals. Replace outer seal washer lining up with drill hole and press into place. With the aid of 1/2" sockets, slot over plunger and tap outer seal washer home till it flush with master cylinder housing, replace felt washer and retainer, return spring, pedal and etc.