

EC-515 Instructions

INSTALLATION INSTRUCTIONS FOR '55 (SER. 2) THRU '59 CHEVROLET P/U POWER BRAKE BOOSTER CONVERSION.

PLEASE READ THESE INSTRUCTIONS COMPLETELY PRIOR TO INSTALLATION!

- 1) Remove the original style master cylinder and brake pedal assembly from the chassis. Also remove the parking brake cable pulley and bracket. Retain the parking brake parts for re-installation later on.
- 2) Disconnect the master cylinder pushrod from the brake pedal. Remove the original brake pedal pivot shaft locking fork bolt and fork followed by the pivot shaft. The brake pedal should slide free from the master cylinder. Retain the pivot shaft and lock for use on the new bracket.
- 3) Install the power booster mounting bracket onto the original master cylinder mounting bracket using the two 7/16"-20 bolts and locknuts provided. Make sure the lower flange of the bracket is up against the lower flange of the chassis. At this point hold the booster assembly up to the bracket and check for transmission mount clearance.
- 4) Drill two 7/16" holes in the lower chassis flange in the two locations on the bracket. Install the two remaining 7/16"-20 bolts and locknuts provided in the kit.
- 5) Install the 3/8"-24 jam nut and the rod end provided in the kit onto the booster pushrod. Leave the jam nut loose for now, install the booster and cylinder assembly onto the mounting bracket using the nuts and lock washers provided.
- 6) Re-install the brake pedal onto the bracket using the original pivot shaft and lock fork. Secure the lock fork with the 1/4"-20 bolt, nut and lock washer provided.
- 7) Hold the brake pedal up against the bottom of the floor and adjust the rod end on the booster until it lines up with the hole in the brake pedal. Note that there is a 3/8" thick spacer provided in the kit that goes between the pedal and the rod end. When the rod end is correctly adjusted, (so the bolt goes straight in) remove the bolt and thread the rod end back onto the booster pushrod two complete turns. This makes sure there is no preload on the booster install the bolt, spacer and lock nut provided. Tighten the bolt and the jam nut on the rod end.
- 8) Make sure everything is tight. Grease the pivot shaft and check that the pedal booster assembly operate freely without binding.
- 9) Position the parking brake cable pulley assembly just behind the master cylinder as required and drill two holes to remount it, reconnect the parking brake system.
- 10) Connect the brake lines and vacuum hose as noted in the attached instructions, bleed the system and check for leaks.