

#4950/5154FBB2 & 5154FBB4 - Instructions

for 1949-50 & 1951-54 Chevy Car Brake Pedal Bracket & Power Brake Kits



Notes:

Firewall-mount brake bracket kits are designed to bolt directly to the vehicle's OE driver's-side access panel flange—no modifications or drilling holes necessary.

Instructions:

1. Loosely assemble the brake pedal bracket with supplied hardware; it will be comprised of five main pieces: 1 firewall plate, 2 horizontal braces, and 2 booster bracket pieces. Install the booster brackets angling up toward the firewall plate. (Figs A)



 Remove the stock driver's-side firewall access panel—it should be held on with seven clutch-head screws. Secure any under-dash wiring directly in line between the firewall and inner dash so that it won't interfere with the brake pedal bracket. 3. Insert the bracket through the firewall and attach using supplied Phillips head sheetmetal screws. (Figs B-C)



4. Install the inner dash bracket and mount bracket to the dash at the steering column drop brace. There is a short and long version included with this kit. Choose the bracket that best fits your application. On 1951-54 models, you will need to use the union adapters included with the kit. (Fig D1-D2)





5. Install the new brake pedal arm and pivot sleeve into the bracket. Finish tightening up bracket hardware once pedal arm is in place. (Fig E)



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(Continued)

 Guide the pushrod through the firewall and attach the booster/master to the bracket. (Fig F)



 If installing the powerassist master cylinder assembly, first attach the provided pushrod hardware to the booster. (Fig G)





10. Complete your installation with the appropriate brake line conversion, proportioning and check valves (depending on brake system), and supplying at least 18 inches of vacuum to the booster from the engine. (Fig K)

 Bolt the pushrod to the brake pedal arm; adjust pushrod to eliminate any preload (at least 1/4" travel before engagement) on the master cylinder. (Fig H)



 Install the brake pedal activated stop light switch. It mounts directly to the pedal bracket. (Figs I-J)





| GENERAL TORQUE SPECIFICATIONS: | | | | | |
|--|---------|-----------|-------|---------|-----------|
| 1/4″ | grade 5 | 10 lb/ft | 1/4″ | grade 8 | 14 lb/ft |
| 5/16″ | grade 5 | 19 lb/ft | 5/16″ | grade 8 | 29 lb/ft |
| 3/8″ | grade 5 | 33 lb/ft | 3/8″ | grade 8 | 47 lb/ft |
| 7/16″ | grade 5 | 54 lb/ft | 7/16″ | grade 8 | 78 lb/ft |
| 1/2″ | grade 5 | 78 lb/ft | 1/2″ | grade 8 | 119 lb/ft |
| 9/16″ | grade 5 | 114 lb/ft | 9/16″ | grade 8 | 169 lb/ft |
| 5/8″ | grade 5 | 154 lb/ft | 5/8″ | grade 8 | 230 lb/ft |
| NOTE: With 18" and larger wheels we recommend 1/2" wheel studs. The larger the | | | | | |

wheel diameter, the greater the force is on the wheel studs. Please inquire about replacement wheel stud kits available from CPP.

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