

Booster Delete Installation Instructions - EG/EK/DC2 - HDP3-02

- 1) Remove the original master cylinder, take precautions not to spill brake fluid
- 2) Disconnect vacuum hose that runs from booster to intake manifold, discard hose
- 3) Fit supplied 10mm rubber block off cap to the exposed port on intake manifold
- 4) Remove the fasteners from fuel filter bracket
- 5) Disconnect hard lines that run from master cylinder to the proportioning valve on the firewall
- 6) In the driver's side footwell, remove split pin from brake pedal clevis pin and remove the pin. Set aside with care as this will be re-used
- 7) Disconnect brake pedal spring from pedal box end
- 8) Remove the four nuts on the inside of the firewall that retain the booster
- 9) Remove the brake pedal using a 14mm socket and spanner. The pedal assembly may need to be partially loosened/removed to allow the brake pedal pivot bolt to be removed.
- 10) Using the included "figure 8" shaped drill template drill a 8mm diameter hole in the brake pedal 25mm (1") further up than the original hole, see Figure 1 below. Using the supplied nut and bolt, bolt the drill template through the original 8m hole, align the edge of the template nearest the small diameter 3mm hole with the edge of the pedal. The new hole can now be drilled through the 3mm hole in the template.
- 11) Remove clevis and jam nut from the OEM booster
- 12) Assemble jam nut and clevis to supplied pushrod
- 13) Mount the supplied adapter to the firewall. Reuse the oem nuts that originally retained the booster, tighten to 13Nm (10ft-lb)
- 14) Reinstall the brake pedal without spring attached
- 15) Insert the pushrod from the engine bay side and attach to the pedal with the clevis through the newly created hole. The firewall may require minor clearancing to ensure no interference between pushrod and firewall.

- 16) Push pedal to the floor so that the push rod is extended through the adapter, then offer the new master cylinder up to the pushrod taking care to ensure that the push rod is engaged into the master cylinder correctly
- 17) Attached the master cylinder to the adapter on the provided studs using the OEM nuts. Tighten master cylinder mounting nuts to 15Nm (11 ft-lb)
- 18) Bend original brake lines into position to connect to each port on the master cylinder, and tighten each flare nut.
- 19) Reattach brake pedal spring
- 20) Adjust pedal free play and bleed brake system. **NB:** Bleeding the brake system may take longer than previously, due to the lesser stroke of the master cylinder due to the change in pedal ratio.

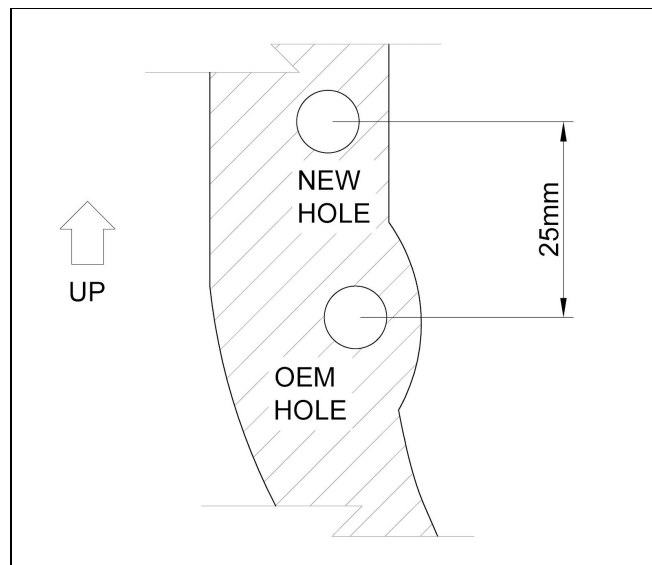


Figure 1: Location of hole to be drilled in pedal

Our master cylinder adaptor is designed to fit **any 1996-2000 Honda Civic** master cylinder with the horizontal type mounting pattern. See the table below for recommended diameters:

<u>Master Cylinder Recommendation Guide</u>	
<u>Brake set up</u>	<u>Master Cylinder Diameter</u>
Oem Honda front and rear calipers with 262mm front rotors or smaller	13/16"
Oem Honda front and rear calipers with 282mm front rotors or greater	7/8"
Aftermarket front calipers, Wilwood, Spoon, Stoptech etc	7/8"

