

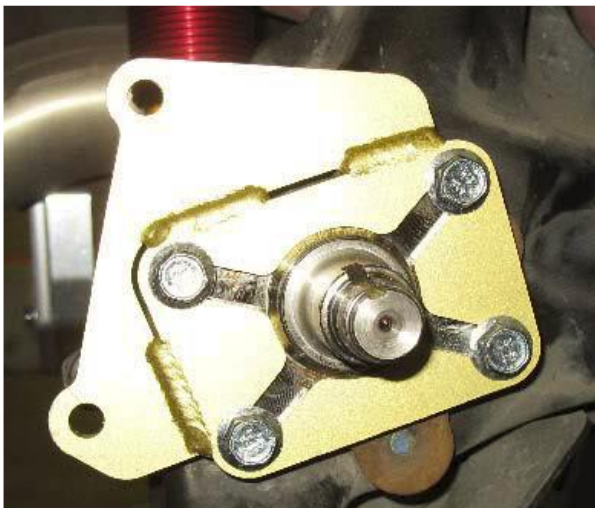


1984-2000 Honda Civic, CRX, Del Sol Rear Disc Conversion Installation Instructions

1. Remove old drum brake hardware; except for the spindle and spindle nut, none of these parts will be reused. Remove the flexible brake hoses and parking brake cables, as they will all be getting replaced also. Clean off all dirt and rust from the spindle and hub mounting surfaces. The new caliper mounting brackets will be attached to the mounting surfaces that the brake drum backing plates were previously mounted to.



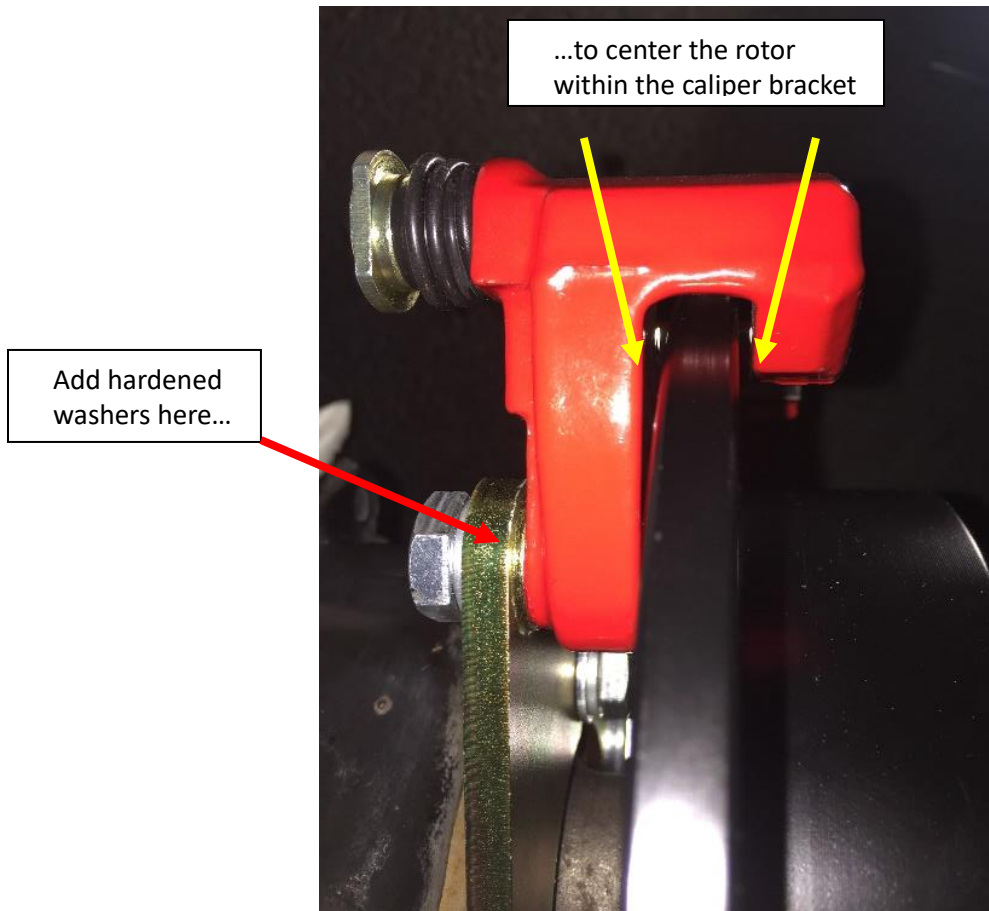
2. Install the Scarebird caliper mounting brackets using the supplied M12 bolts and tighten them to 40 LB-FT. Use high-temp thread locker on these bolts. The caliper mounting brackets in your specific kit may look slightly different than the one depicted in the below-left image. The image is only a reference to guide you in installing the brackets with the caliper attachment holes oriented towards the rear of the vehicle and the offset in the plates stepped inwards towards the center of the vehicle.



3. Install hubs onto the spindles using the previously removed load washers and nuts. Tighten the nuts to 139 LB-FT and then stake them into the notches in the spindles as shown in the above-right image.

4. Align calipers to rotors. Some OEM replacement calipers have different spacing on the caliper bracket and may not line up properly to the rotor. The rotor should be set right in the middle of the caliper, or within 1mm of variance. To check and adjust for this, temporarily install the rotors onto the hubs using two lug nuts on each of them and then attach the empty caliper brackets to the Scarebird caliper mounting brackets.

Now visually inspect the alignment of the rotors within the caliper brackets and add hardened washers between the calipers and the Scarebird caliper mounting brackets, as-needed, to center the rotors within the caliper brackets (1mm of tolerance allowed).



5. Once the proper number of shimming washers has been determined, permanently attach the caliper mounting brackets to the Scarebird mounting brackets with the supplied M10 x 25mm bolts. Tighten the bolts to 55 LB-FT. Use high-temp thread locker on these bolts and ensure the hardened washers used for shimming remain in place between the caliper mounting brackets and the Scarebird mounting brackets.
6. Install the spring clips and outer brake pads back into the caliper mounting brackets and push them snugly up against the rotors. Now install the inner brake pads into the calipers against the pistons followed by installing the calipers over the rotors and into the caliper mounting brackets. Attach the calipers to the caliper mounting brackets with the M8 bolts and tighten them to 24 LB-FT.
7. Install new flexible brake hoses per factory service manual guidelines.

8. Install a new set of 1991 Honda CRX parking brake cables per factory service manual guidelines.
Note that some aftermarket cables come equipped with end lugs that are too large to fit in the holes for the OEM retaining brackets. If encountered, use a Dremel or grinder to smooth out some of the material to fit. The required material to be removed will not be enough to affect function or reliability.
9. Bleed the entire brake system per factory service manual guidelines.
10. Install the wheels and then lower the vehicle and torque the lug nuts to factory torque specifications.
11. Take the car for a 5mph test drive. Stop and check the brakes for leakage, loose parts, and other signs of problems. If OK, test again at gradually higher speeds. Complete the install by bedding-in the pads per the manufacturer's recommend procedure.

The components supplied with the Scarebird HNN, HON, or CIV B25 kits include: (2) caliper mounting brackets, (4) M12 bolts and (4) M10 bolts.

The components which are to be user-supplied or shown below:

Part Name	Part Number	OEM Equivalent Part Number	Qty
1997 Acura Integra EBC Yellowstuff Rear Brake Pad Set (optional)	DP4642/2R	n/a	1
1997 Acura Integra Centric C-Tek Ceramic Rear Pad Set	CE103.03740	43022-SR3-506	1
1997 Acura Integra Centric Premium Brake Rotor, 2-wheel set, 4 x 3.94 in. Bolt Pattern	CE120.40017	42510-SR3-A11	1
Russell Stainless Steel Brake Hose Kit	684550	46430-SK7-932 (rubber hose x 2)	1
Fastenal Yellow Zing SAE Hardened Washers (1.80mm)	33815	n/a	4
1997 Acura Integra Caliper Set, loaded, Centric brand, Reman	14140532 (L) 14140531 (R)	43018-S04-013, 43019-S04-013	1
1991 Honda CRX Disk Brake Parking Cable (left)	C94624	47560-SH2-931	1
1991 Honda CRX Disk Brake Parking Cable (right)	C94623	47510-SH2-931	1
Permatex High Temp Thread Locking Sealant	59214	n/a	1
¼ Clevis pin x 3/4in length	n/a	n/a	2
Cotter pin	n/a	n/a	2
Honda 22mm spindle nut	n/a	90305-692-010	2

The components which are to be user-supplied or shown below:

Note: Scarebird Honda rear disc brake conversion kits are designed for use with 1997 Acura Integra (Non-R model) rear brake rotors, calipers, hoses and e-brake cables. It is recommended that a 1997 Acura Integra master cylinder and combination valve also be installed as part of this brake system modification.

Scarebird Classic Brakes LLC warrants our product for 90 days after purchase against manufacturing defects. Scarebird Classic Brakes LLC is not responsible and held harmless for errors/damage/injury due to faulty installation or use of non-specified/inferior components or adaptation to non-OEM applications. If you do not agree to this, please send components back unused for refund.

Contact: sales@scarebird.com Thank you