



Rear Disc Brake Conversion Kit For RNA6101K and PLA6101K



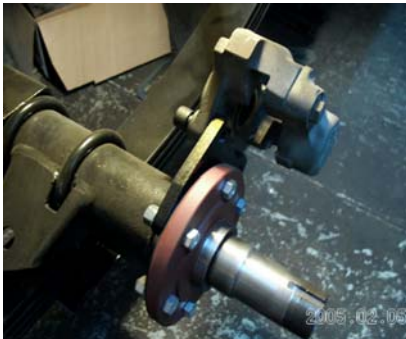
(802) 879-0032 or (800) 403-7591 • Fax: (802) 879-9152

email@roversnorth.com • www.roversnorth.com

Rovers North, Inc. • 1319 VT Rt. 128 • Westford, Vermont • 05494-9601 US INSTRUCTIONS:



1. Raise and secure the rear of your Land Rover.
2. Remove the rear road wheels.
3. Disconnect the rear brake lines from the wheel cylinders and at the 3-way junction above the differential.
4. Pry off the hub cap, remove the castle nut and drive flange. Remove the hub assembly, brake assembly, and spindle from the rear axle housing.
5. Install a new hub seal race on the spindle (a new race is necessary as it is critical to brake rotor location), bolt the spindle and the brake caliper bracket to the axle case housing (see photos for bracket location). Use 3/8 UNF x 2 in. to secure spindle and bracket; 3/8 UNF x 1 3/4 in for remaining spindle bolts. Use blue thread locker on the bolts, torque to 40ft lbs.



12. Install the inside wheel bearing race and wheel bearing and hub seal into the new hub assembly. Do not drive the hub seal too far into the hub; it should be flush with the edge of the hub. Make sure that the inside bearing is grease-packed prior to installation. At this time, only install the outer bearing race.

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13. Bolt the hub assembly to the disc assembly using the bolts supplied. Use blue thread locker and torque bolts to 40 ft lbs.

14. Slide the assembled hub and disc onto the spindle and insert the outer wheel bearing packed with grease.

15. Install the hub flat washer and hub nut. Tighten the hub nut so that all play is removed from the bearings. Do not over-tighten, only remove the play. Install lock washer and hub lock nut. Tighten and re-check bearing adjustment. To double check bearing adjustment, bolt your road wheel on and check for play placing your hands at the top and bottom of your tire. Push and pull the tire perpendicular to rotation. If play is detected you need to tighten the wheel bearings. You must set the wheel bearings in this manner; incorrect setting will cause brake pad "knock back" and also contribute to hub seal wear. ZERO tolerance with a slight pre-load is required!

17. Mount the brake caliper to the bracket using the bolts provided. Brake caliper bolts require a 10mm allen key. Install the pads (P) with hardware kit (Q) as shown below.

18. Fit the brake line to the 3-way junction and to the caliper.

19. Using Girling approved brake fluid, top off your master cylinder and bleed the brake system until all air is removed. Carefully test drive the vehicle! Recheck torque settings on all fasteners!

For future replacement of brake components, caliper and rotor are identical to NAS Defender 90.

Thank you for relying on Rovers North to keep your vehicle running its best.

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Contents List:

QUANTITY	GENUINE KIT	PROLINE KIT	DISCRIPTION
1	BCBREAR	BCBREAR	Rear Disc Brake Base Kit
1	SMC500110	PLB198A	RH Rear Brake Caliper
1	SMC500240	PLB197A	LH Rear Brake Caliper
2	FTC1381	PLB012A	Rear Brake Disc, Defender 90
1	SFP000270	PLB195	Rear Disc Pad Set
1		PLH321	Brake Pad Hardware (Proline kit only)

Rear Disc Brake Kit Includes:

2	BCB02	Hub Assemblies
2	BCB03	Rear Brake Caliper Brackets
1	BCBHK2	Hardware Kit for Brake Disc, Hub & Caliper
2	RTC3534	Hub Bearing Kit
2	599698	Hub Seal Race
2	217352	Hub Bearing Nut Washer
2	500978	Rear Axle to Spindle Gasket
8	BCB07	Bolt 3/8 UNF x 2in. Caliper Bracket/Spindle to Axle Housing
4	BH606141L	Bolt 3/8 UNF x 1 3/4 Spindle to Axle Housing
12	NY606041L	Nyloc Nut 3/8"
1	RNA6100-05	Brake Pipe RH Rear
1	RNA6100-06	Brake Pipe LH Rear

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