

EVOLUTION 4-PISTON REAR BRAKE KIT INSTRUCTIONS

KIT #
B1721WCE
B1721WCEM

APPLICATIONS
94-04 Mustang OEM Ends using
A1094, A1095, A1096, A1097
Strange Eliminator Kits

Before you begin installation

Brake rotors are shipped with an oil film on the surface to prevent rust and must be cleaned before installation.

Brake fittings do not come pre-installed, it will need a layer of Teflon sealer applied to the thread (Figure#1 for torque specs)

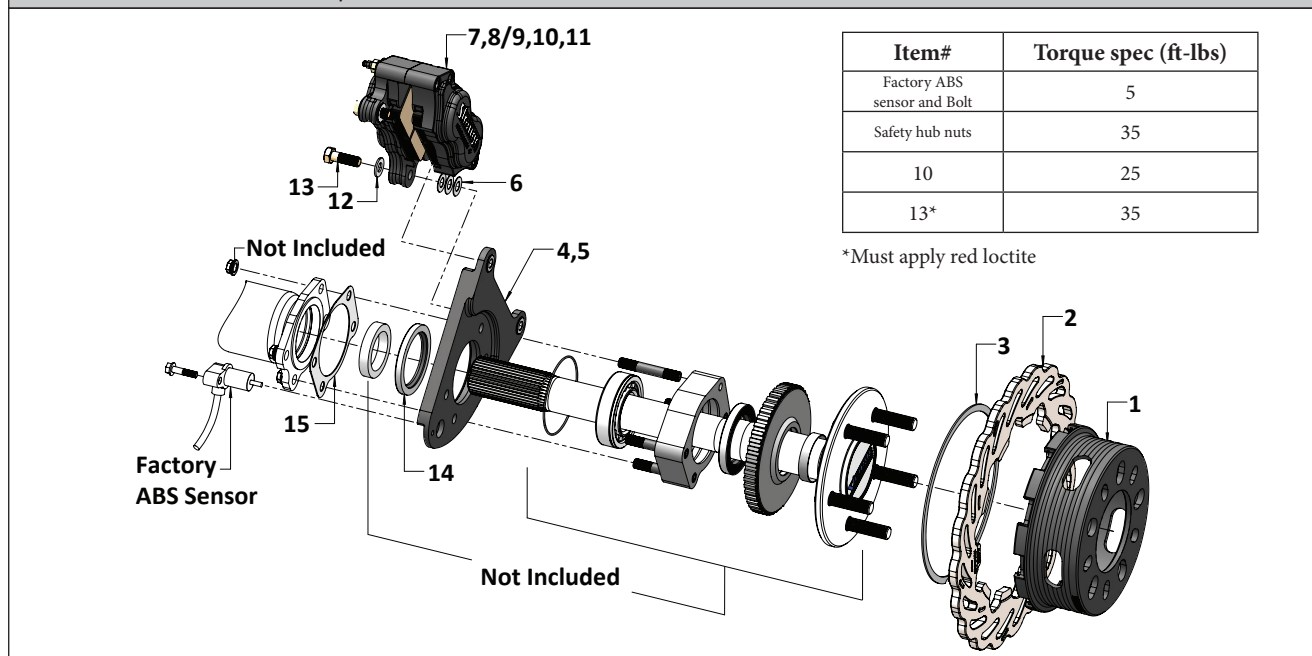
Read these instructions thoroughly and save for future reference.

If after reading these installation instructions, you have any questions or comments, please do not hesitate to call us.

KIT CONTENTS

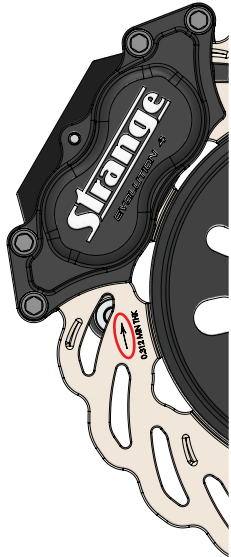
ITEM#	PART#	QTY	DESCRIPTION
1	B2794B	2	2-Piece rotor adapter
2	B2798AS	2	Evolution S Rotor
3	B2794D	2	Spirolock
4a	B1721AL	1	94-04 LH Mustang caliper mount
4b	B1721AR	1	94-04 RH Mustang caliper mount Right
5	B1301E	4	Press Nut
6	B1301H	16	0.025 Thick shim
7	B1900	2	Billet Caliper
8	B5010	4	Soft metallic 4-piston brake pad (B1721WCE)
9	B5020	4	Hard metallic 4-piston brake pad (B1721WCEM)
10	P2316	2	-1/8 NPT x -3AN fitting
11	P2316C	2	Plastic Cap
12	B1301J	4	Washer 3/8 ID
13	B5000Y	4	3/8-24 x 1.125" HHCS
14	A1100F	2	Seal
15	A1092E	2	Gasket

FIGURE # 1 : B1721WCE Exploded view



Installation instructions

Figure # 2



1. Remove wheel and tire, brake caliper and rotor.
2. Remove axle from the housing.
3. Refer to A1094, A1095, A1096, A1097 for C-clip eliminator kit assembly instructions.
4. Slide the caliper mount (4) with seal (14) over the safety hub studs with the press nut side facing outboard.
5. Place the gasket (15) between the housing end and inboard side of the caliper mount and apply RTV to both sides of the gasket. (See Figure #4)
6. Secure the four studs from the housing ends with nuts and torque to 35 ft-lbs.
7. Install the factory ABS sensor and retaining bolt if applicable.
8. Slide the Evo rotor assembly (1,2,3) over the wheel studs and axle flange, ensuring that the rotor sits flat on the face of the axle flange.
Note: Evolution rotors mount with the arrow pointing in the direction of normal rotation (See Figure #2).
 - Please read B1950 instructions for complete caliper instructions.
9. Attach caliper (7) using 3/8"-24 caliper bolts (13) with red loctite and 1/16" thick flat washers (12). Use 0.025" thick caliper shims (6) to center the caliper over the rotor, making sure pads contact the rotor evenly.
10. The caliper bolt (13) should be fully engaged into the press nut. If the bolt is over engaged, use any remaining shims under the head of the bolt to prevent it from running into the rotor. Torque the caliper mounting bolts (13) to 35 ft-lbs.
11. Connect the brake lines to the calipers. Calipers are tapped to 1/8"-27 NPT and supplied with -3AN fittings. Use proper adapters to connect them to existing lines or use new -3AN braided steel line (teflon lined). Bleed the calipers with DOT 4 or DOT 5.1 **ONLY** brake fluid.
Note: After the initial installation of this kit, ensure that there is adequate clearance between all braking and chassis components by moving the suspension all the way up and down throughout its travel. Additionally, make sure that the brake lines are not interfering with the wheel travel, or subject to binding or kinking. Operate the vehicle in a cautious manner until you determine that the brakes are functioning properly. Routinely check and re-torque all bolts.
12. A proper break in procedure is required to avoid brake fade and uneven rotor deposits from the pads. It consists of 8-10 brake applications increasing in harshness while allowing the brakes to cool slightly in between; do not keep the brakes applied between stops. After the last stop the brakes should be allowed to cool completely.

FIGURE # 3: Axle B-dimension

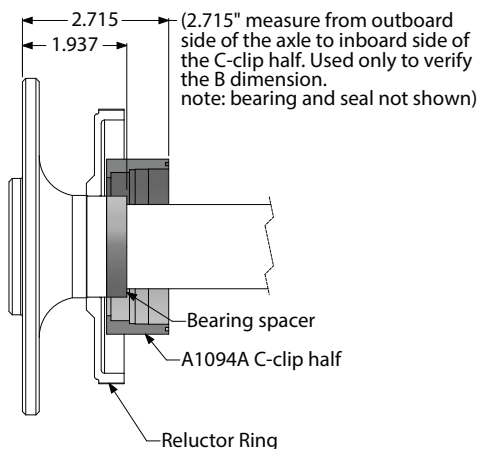
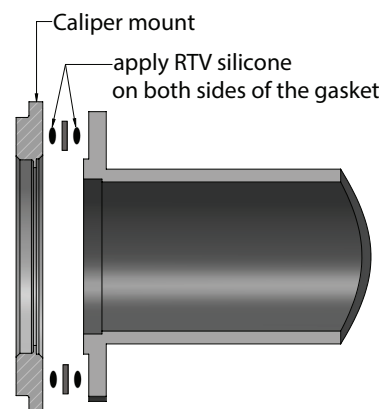


FIGURE # 4: Caliper mount RTV



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