

EVOLUTION 2-PISTON DDM FRONT BALL BEARING BRAKE KIT INSTRUCTIONS

B1500A

2

10a

KIT #

B4745WCE - 4.50" B.C wheels

APPLICATIONS - 1987-1993 Mustang with

8 cylinder spindles

Evolution Rotors

- Dynamic Drive Mount (DDM) system secures the rotor and allows for rotor thermal expansion
- DDM system design is secured by an internal Spirolox, eliminating heavy bolts and hardware
- Unique Aero Slot design reduces rotating weight and promotes even heat dissipation

Evolution 2 Piston Kit

- Low friction Ball Bearings, Steel and Ceramic available
- Weight: 19.25 lbs
- Minimum Rotor thickness: 0.260"
- Minimum Pad Thickness: 0.200"
- Low friction seal and stainless steel seal rings

Before you begin installation:

-Strange Engineering brake kits are designed for DRAG RACING ONLY!

-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

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ITEM#	PART#		QTY	DESCRIPTION			I	
1	B1500H		2	Aluminum hub cap				
2	S3520F		2	#222 Buna O-ring (pre-installed on B1500H)				
3	B1500D		2	Evolution 0.8665" ID outboard bearing sleeve				
5	B1554SPM		2	Front hub "HS" 4.50" B.C.				
6	A1028B		10	1/2" I.D. Wheel stud washer				
7	A1028A		10	½"-20 x 2.5" Wheel stud				
8	B2788AS		2	11" Evolution S Rotor				
9	B2794D		2	Spirolok				
11	B1500I		2	Hub seal				
12	B1500C		2	Radius ring				
13	B1381D		4	3/8-16 x 1 HHCS				
14	S3402N		4	3/8 AN Washer				
15a	B4744AL		1	L.H. Caliper Mounting Bracket				
15b	B4744AR		1	R.H. Caliper Mounting Bracket				
16	B1301E		4	%"-24 Press nut (pre-installed in B4744AL &B4744AR)				
17	B1301H		16	%" I.D. x 0.025" Thick caliper shim				
18	B1835		2	2-piston Evolution caliper				
19	B2510		4	Soft Metallic 2-piston caliper pad				
20	P2316		2	⅓" NPT x −3AN Fitting				
21	B1301J		4	%" I.D. x 0.063 Thick caliper washer				
22	\$3440D		4	¾"-24 x 1.000" Caliper bolt				
Ball Bearing Kits								
B1500SKIT Steel Ball Bearing kit content B1500CKIT Ceramic Ball Bearing kit content							all Bearing kit content	
ITEM#	PART#	QTY	DESCRIPTION	I ITEM#	PART#	QTY	DESCRIPTION	
4a	B1500B	2	Outboard Steel Ball b	earing 4b	B1500BC	2	Outboard Ceramic Ball bearing	

10b

B1500AC

2

Inboard Ceramic Ball bearing

Inboard Steel Ball bearing



- 13. 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 brake fluid ONLY.
- 14. 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.



WARNING - RACING IS HAZARDOUS · STRANGE BRAKES ARE FOR LEGAL DRAG RACING ONLY

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