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# PRO SERIES 4-PISTON FRONT BRAKE KIT INSTRUCTIONS

*KIT #* B4166WC B4168WC B4170WC



Aug 3, 2021

#### Before you begin installation:

Corvette spindles vary from 1963-1982, <u>we reccomend that you send in your spindles</u> to address variations. The changes will be covered in the price of the brake kit.

Brake fittings do not come pre-installed, it will need a layer of Teflon sealer applied to the thread (Figure# 2 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. See pg. 3 for spacer, bolt and spindle hole information

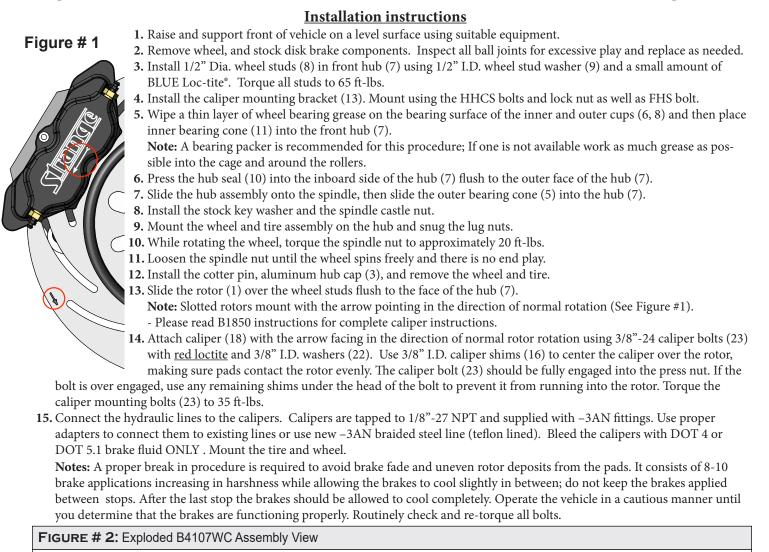
#### **Important Notes**

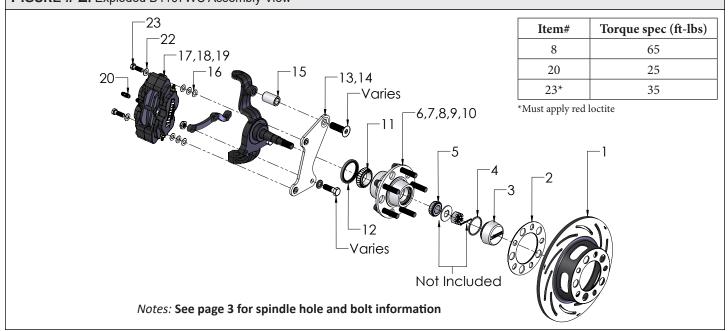
- Strange Engineering brake kits are designed for drag racing only

- B5010 Semi-metallic brake pad minimal thickness is 0.200"
- B2795/B2796 Steel brake rotor minimal thickness is 0.312"

- Calipers are tapped to 1/8"-27 NPT and supplied with -3AN fittings

KIT CONTENTS			
ITEM#	PART#	QTY	DESCRIPTION
1a	B2795	1	Tapered rotor RH
1b	B2796	1	Tapered rotor LH
2	B4170B	2	1/8" Thick front wheel spacer
3	B4154E	2	Hub Cap
4	\$3520F	2	#222 Buna O-ring
6a	B1757C	2	Timken LM12748F ( <i>B4170WC</i> )
6b	B1324E	2	Timken LM11949 (B4166WC/B4168WC)
6a	B1330C	2	Timken LM12710 (B4170WC)
6b	B1324D	2	Timken LM11910 (B4166WC/B4168WC)
7a	B4154C	2	Front Hub "H" 4.75 B.C (B4170WC)
7b	B1324A	2	Front hub "F" (B4166WC/B4168WC)
8	A1028A	10	1/2-20 x 2.5" Taper head SHCS
9	A1028B	10	1/2" Stripper Washer
10a	B1330A	2	Timken L68110 (B4170WC)
10b	B1320H	2	Timken LM67010 (B4166WC/B4168WC)
11a	B1330B	2	Timken L68149 (B4170WC)
11b	B1320J	2	Timken LM67048 (B4166WC/B4168WC)
12a	B1729A	2	Seal C/R 19728 (B4170WC)
12b	B1344D	2	Seal C/R #18558 (B4166WC/B4168WC)
13a	B1388AL	1	Caliper mount 63-68 Corvette left hand
13b	B1388AR	1	Caliper mount 63-68 Corvette right hand
14	B1301E	4	3/8-24 Press nut
15a	B4170A	2	5/8 ID X 1.625" Long stand (varies, see page 3)
15b	B1344B	2	5/8 ID X 1-1/8" Long stand
16	B1301H	16	3/8 ID x 0.025 thick shim
17	B5010	4	Soft pad
18	B5002	1	Caliper RH
19	B5004	1	Caliper LH
20	P2316	2	Fitting -1/8 NPT
21	P2316C	2	Plastic cap
22	B1301J	4	Washer -3/8 ID 1/16 thick flat
23	B5000Y	4	3/8-24 X 1.125" HHCS
-	B1380B	10	5/8 ID X 0.25 Shim

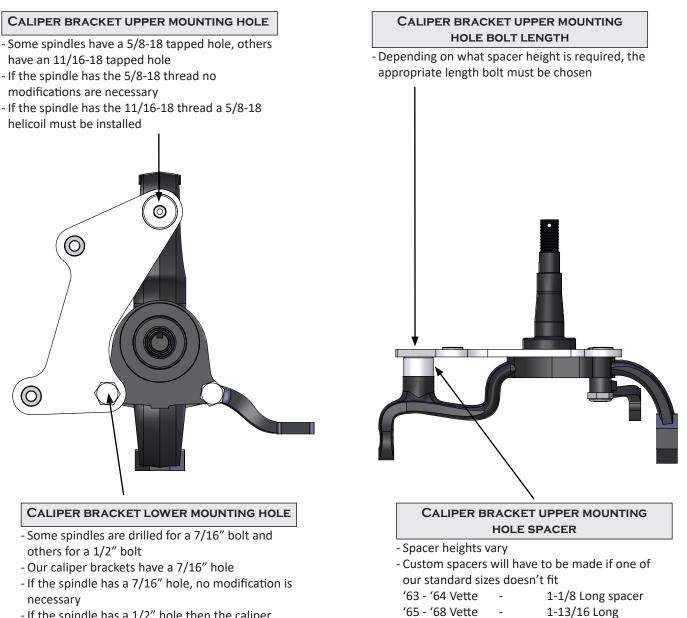




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# Mounting hole modifications & Bolt length



- If the spindle has a 1/2" hole then the caliper mount needs to be opened up to 1/2"

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

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