

## SINGLE PISTON CALIPER INSTRUCTIONS

**KIT #**  
B1816 - Single Piston Calipers

**APPLICATIONS**  
Strange 10" Front Steel Brake kits

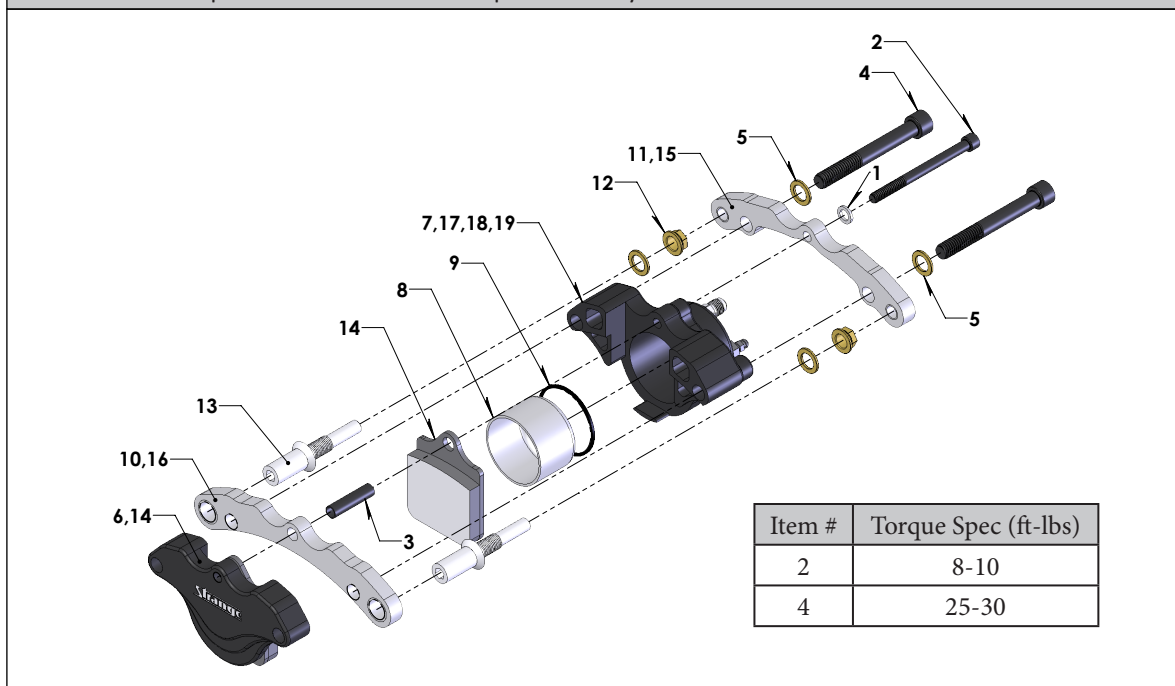
**Before you begin installation:**

- 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			
ITEM#	PART#	QTY	DESCRIPTION
1	B1260E	2	1/4" Washer
2	B1250K	2	1/4"-20 x 3" Bridge Bolt
3	B1260J	2	Bridge Bolt Tube
4	B1260I	4	3/8"-16 x 3" Caliper Bolt
5	S3402N	8	3/8" AN Washer
6	B1260AC	2	Single Piston Caliper Outboard Half
7	B1260BC	2	Single Piston Caliper Inboard Half
8	B5000S1	2	Caliper Piston
9	B5000T	2	0.125" Square O-Ring
10	B1260K	4	Garlock 05-DU06 Bearing (installed in B1260CC)
11	B1250H	4	Garlock 08-DU06 Bearing (installed in B1260DC)
12	F1282	4	3/8-24 "Jet Nut"
13	B3311C	4	Slide Pin
14	B2510	4	Single Piston Organic Pad
15	B1260DC	2	"Hotdog" Bracket (outboard)
16	B1260CC	2	"Hotdog" Bracket (inboard)
17	L4000O	2	1/8" NPT Socket Plug (installed in B1260BC)
18	P2316	2	1/8" x -3AN Fitting (installed in B1260BC)
19	P2365FA/B	2	Bleed screw/adaptor assembly (installed in B1260BC)

**Note:** Minimum Pad Thickness; 0.160"-0.180"

**FIGURE # 1:** Exploded View of B1816 Caliper Assembly



## Installation and Removal Instructions

### Disassembly

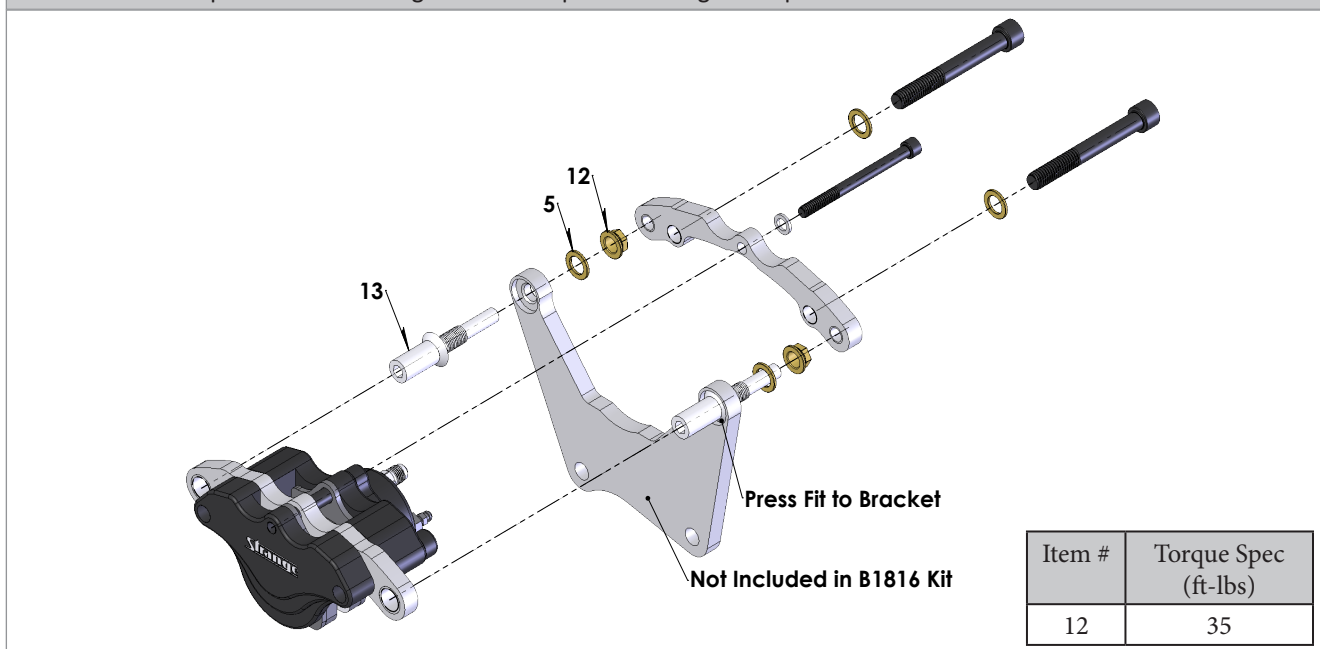
1. Disconnect the brake line from -3AN fitting (18).
2. Remove bridge bolt (2), bridge bolt tube (3) and two 3/8"-16 Caliper Bolts (4).
3. Slide the inboard and outboard "hotdog" brackets (15,16) off of the slide pins (13) to separate the inboard and outboard caliper assemblies.

**Note:** To service piston O-ring (9), remove the caliper piston (8) by connecting a compressed air source to the -3AN fitting (18) and gently applying air so as to push the piston (8) from the inboard caliper half (7). To reinstall piston and O-ring apply a small layer of white grease to outside of piston (8) and gently push it into the bore by hand.

### Assembly

1. It will be necessary to install new slide pins (13) to caliper bracket (not included in caliper kit). It is **Recommended** that the new slide pins (13) be pressed into the bracket using a hand press.
2. Once the slide pins (13) are installed, secure using the 3/8" AN washer (5) and 3/8"-24 "jet" nut (12). Torque to 35 ft-lbs.
3. Slide the inboard and outboard "hotdog brackets" (15,16) onto the slide pins (13).
4. Insert 1/4"-20 bridge bolt (2) and two 3/8"-16 caliper bolts (4) into inboard "hotdog" bracket (16), ensuring to use appropriate washers under the head of each bolt.
5. Slide one brake pad (14) into inboard caliper half (7) and install both over the bridge bolt (2) and caliper bolts (4) according to figure 1.
6. Install wheel and rotor assembly onto spindle according to the wheel manufacturer's directions.
7. Feed the outboard caliper half (6) and outer brake pad (14) either through the wheel or over the rotor and slide it onto the slide pins (13).
8. Torque the 3/8"-16 caliper bolts to 25-30 ft-lbs and the 1/4"-20 bridge bolt to 8-10 ft lbs.
9. BLEED BRAKES BEFORE USE.

**FIGURE # 1:** Exploded View of Single Piston Caliper Mounting to Caliper Bracket



### WARNING - RACING IS HAZARDOUS

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