



DRAG RACING BRAKE  
SYSTEM INSTALLATION  
INSTRUCTIONS  
**001-0187A**  
REAR, LATE BIG FORD

- Remove the existing brake components
- Ensure the axle flange and housing flange is clean and free of debris
- Scuff the pad swept area of the rotor with a rotor hone or 80 grit sandpaper. This allows the pad to seat to the rotor during break in.
- Apply blue Loctite to the 5/16-18 hex bolts, use tab washer and fasten the rotor to the hat in the appropriate configuration for your offset as seen in the attached diagram. Torque to 21 ft-lbs. Crimp both tabs on washer to bolt head.
- Mount the bracket to the spindle using stock hardware.
- \*note: if the counter bore in the bracket for the bearing is too deep, flip the bracket around and shim the flat side off the housing flange
- Slide the hat and rotor assembly over the axle
- Slide the caliper over the rotor and mount it to the bracket. Snug the 3/8-24 bolts, lock washer and washer. Check for proper radial and horizontal clearance between the rotor and the caliper.
- Insert the brake pads and pad retainer pin, and hold the pads against the caliper housing. The F3 is a zero drag caliper and there should be no contact between the rotor and pads.
- If there is pad to rotor contact, determine which side is causing the interference. Shim the caliper or the bracket as needed using the supplied shim kit to center the caliper over the rotor for zero drag.
  - \*\*What is required for one side of the car may not be the same as the other side. Check each side individually\*\*
- Verify the pad material is sitting in the proper location in relation to top of the rotor [flush +/- .050"] If pad is sitting proud of rotor, 45 degree the top of the pad on a belt sander to prevent a lip from forming as the pads wear. If this is not done, you will experience excessive pad wear.
- Go back and tighten the caliper mounting hardware
- Connect the brake lines check for interference with any suspension or other components
- Bleed the entire brake system and verify proper caliper operation and release

#### Break-In

- All of our brake pads are pre-cured, which extends life and compound stability, and eliminates complicated bed-in procedure
- Take the vehicle out and verify proper brake operation at low speed before bed-in

-Bring the brakes up to operating temperature and ensure they are properly heated

\*this may require some time and caution on the street

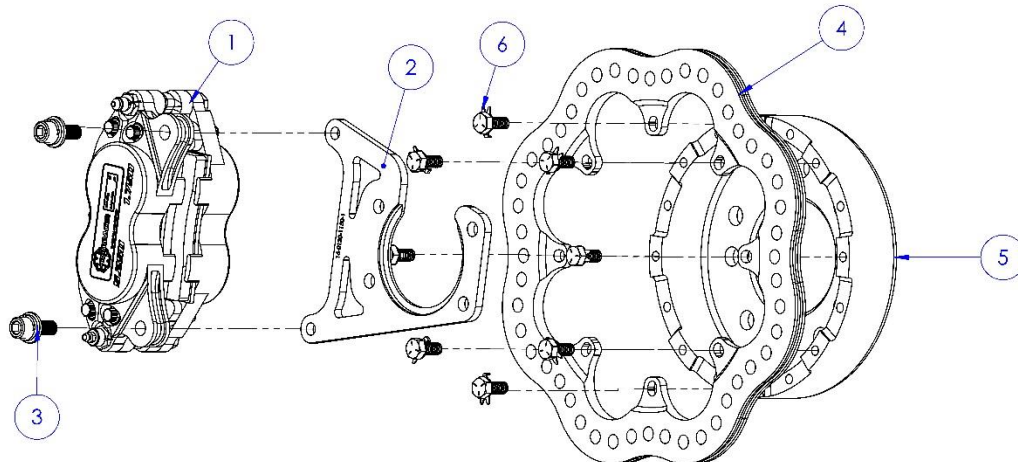
-you will feel the pedal come to you, and the brake torque output increase

- Allow the system to cool and the bed-in is complete

-If you observe uneven material transfer to the rotors [dark streaking on the rotors], the system has not been fully bedded in.

If technical support and information is needed please contact us at 805-987-7867 or [info@tbmbrakes.com](mailto:info@tbmbrakes.com)

ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	002-00565SP	F3 CALIPER, 1.75 BORE, .375 RTR, #85 PADS	1
2	16-0120-1150	BRACKET, REAR, BIG BRNG FORD, NEW RH-LH	1
3	11B9897, 11-B9913, 11B9879	3/8-24 X 1" SHCS, LOCK WASHER, FLAT WASHER	2
4	3-1150375D REV A.	11.50 ROTOR, .375 DRAG, STEEL	1
5	204-0222	DRAG HAT, 5 ON 4.5/4.75, 11/16 1.6D	1
6	.3125-18 HEX BOLT, TABBED LOCKWASHER ASSY	5/16"-18 X .75 HEX BOLT AND LOCKWASHER ASSEMBLY, 8 PER BAG	8

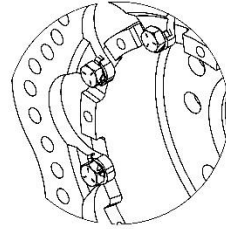
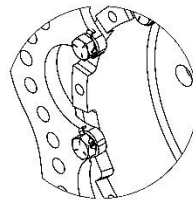
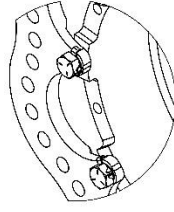
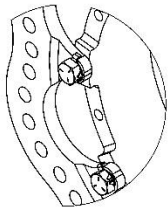


\*SEE PAGE 2 FOR ROTOR TO HAT MOUNTING CONFIGURATION\*

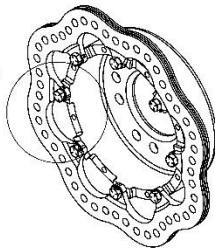
1. 2.50 OFFSET, CONFIGURATION "A"
2. 2.33 OFFSET, CONFIGURATION "A"

001-0187A, BIG BEARING FORD, NEW,  
2.50-2.33 OFFSET

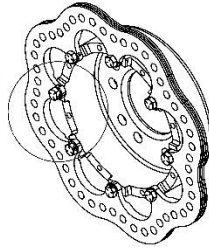
**TBM Brakes**  
Brake Man, LLC  
838 Calle Plano  
Camarillo, California 93012



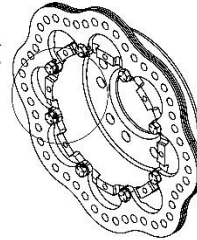
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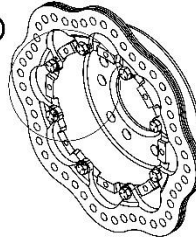
B



C



D



CONFIGURATION A:  
FLAT SIDE OF ROTOR MOUNTED  
TO TALL STEP ON HAT

CONFIGURATION B:  
MACHINED SIDE ON ROTOR  
MOUNTED TO TALL STEP ON HAT

CONFIGURATION C:  
MACHINED SIDE ON ROTOR  
MOUNTED TO SHALLOW STEP ON HAT

CONFIGURATION D:  
FLAT SIDE OF ROTOR MOUNTED TO  
SHALLOW STEP ON HAT.

REAR DRAG HAT/ROTOR  
CONFIGURATION DIAGRAM  
**TBM Brakes**  
Brake Man, LLC  
658 Calle Pinedo  
Camarillo, California 93012