



727-347-9915

*Billet Low Drag Hubs*

# **2012-2022 Charger/ Challenger**

## **300**

*For any questions, please contact us at: 727-347-9915 Monday-Thursday 8am est – 6pm and Friday's 8am-4pm.*

*\*Installation of this kit should only be performed by persons experienced in the installation and proper operation of disc brake systems.*

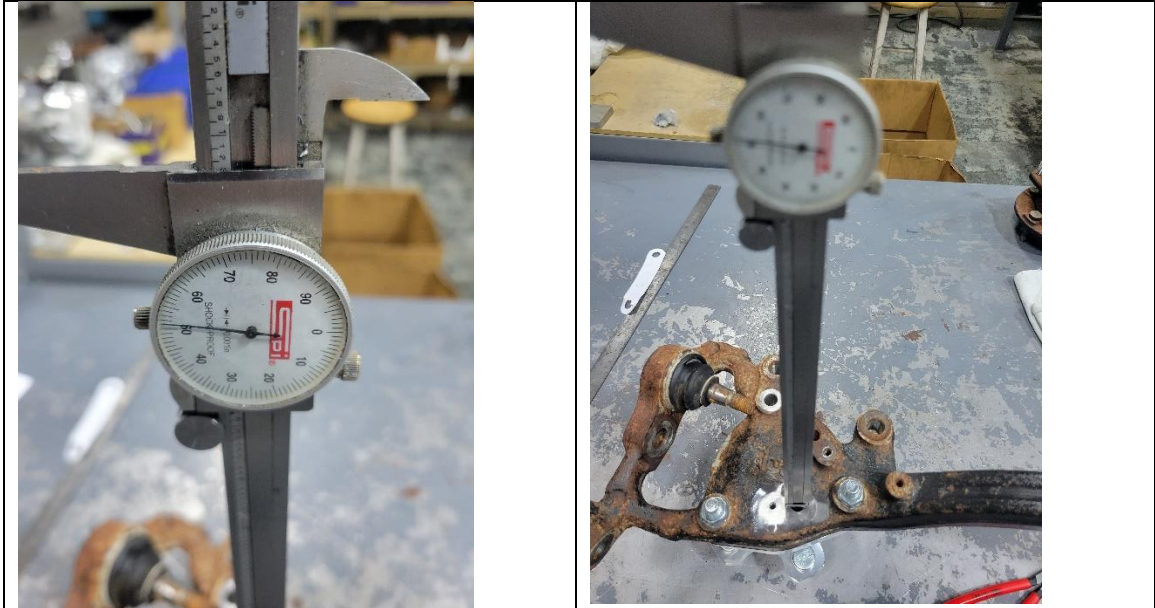
### **Step 1; Disassembly of parts:**

- \*Raise the front wheels off the ground and support the front suspension according to the vehicle manufacturer's instructions.
- \*Remove the front wheels, calipers, rotors, and hubs.
- \*Clean the front knuckle.

\*Speed sensor prep: If you need to use the speed sensor it will require a couple extra steps.

1. Cut out the included template and align using 2 hub mounting bolts.
2. You will need to grind the area smooth where the 2 holes will be added.
3. Using a center punch, mark the knuckle in the 2 drill locations. Start with a 1/8 drill bit in a hand drill and start a hole in both punched locations. Change to a 7/16 drill and finish the sensor hole. Change to a #6 or #7 (.201) drill bit and drill the 1/4-20 location. Now tap with a 1/4-20 tap.
4. Lightly blow off any residual chips.
5. You will need to align the opening in the retaining ring on the back of the hub with the 7/16 sensor hole.
6. Lightly bolt in the hub. Measure down from the back of the spindle to the brown magnetic ring on the bearing (DO NOT DAMAGE THE RING, IT WILL NOT BE WARRANTIED). You want a spacing of 1.25. If you measure under this you will need to space the sensor up an appropriate amount. If your measurement is larger you will need to grind a little more off the back of the knuckle.





7. Install the speed sensor using the included ¼-20 screw.

**Step 2; Mounting new hubs:**

\* Slide new hub into the front knuckle. Using the new hardware provided Bolt the hubs to the front knuckles. The bolts will now go through from the outside towards the inside, use a flat washer, then nylon lock nut. Torque to 75ft lbs.



Install brake components per manufacturer's instructions.

\*Install wheels and torque to spec.

\*Test drive the car at low speeds making turns in both directions. Park the car and check all fasteners. You should check fasteners routinely for safety. These hubs are designed for Drag Race Use Only, If the car hits a curb, pothole or dropped from a wheel stand the hubs will be damaged.

Included in kit:

(2) Billet Hub Assemblies W/ 14M wheel studs

(6) 1/2-13 x 3.0 grade 8 Hex Head Bolts

(6) 1/2-13 grade 8 Lock Nuts

(6) 1/2 Gr8 Flat Washers

(1) 1/4-20 SHCS with stainless washer