



FRONT STREET/DRAG SYSTEM

2005-2008 Dodge Magnum RT/

2006-2011 Charger RT / 2009-2011 Challenger RT

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

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 dust shields.

Preassembly of parts and mounting:

You may need to grind ears of knuckle for caliper clearance depending on which model of vehicle you have.

Locate the brackets provided in the kit along with the caliper bracket mounting bolt kit (4x 9/16 x 2.5" hex head with nylocs and

split rings). Clean bolts with acetone to remove any oil. Using the factory ear locations, you will mount the bracket on top of the ear location. Make sure you utilize the labeled flat washers in between the bracket and knuckle as pictured. Use red Loctite to lock it in place and Torque to 50 ft. lbs.



*Bolt rotors to hats using the 5/16 -18 $\frac{3}{4}$ low head screws. Make sure to clean bolts with acetone and use red Loctite to secure. The hat should be mounted on the flat side of the rotor for the drag style rotor. The vented rotor brake system, the hat will be mounted on the inside part of the rotor with the heads of the bolts recessed into the rotor.



*Slide rotor and hat assembly over factory hub and lightly install a couple lug nuts to hold in place. At this time measure the spacing between the rotor and bracket. Spacing should be between .080-.150.



Install caliper to bracket with the bleeder towards the top (highest point). The inlet port of the caliper is an 1/8 – 27 pipe thread. Stock hoses will not work, Aerospace Components sells line kits for most applications. Torque to 35 ft-lbs and use red Loctite.



*Drop the pads into the calipers with the friction side facing the rotor and secure them with the pad retaining bolt and nyloc nut. Be sure the bolt extends through the locking feature of the nut. Make sure the brake pads are the only thing touching the rotor and that the rotor spins freely.



Check all fasteners:

*Make sure all fasteners are tightly red loctited in place. Check for wheel clearance between calipers and rims, as well as brake lines.

Brake Pad Bedding:

*Bed-in / Burnishing Instructions. After installing new **brake pads**, make 6-to-10 stops from approximately 30-35 MPH applying moderate pressure. Make an additional 2-to-3 hard stops from approximately 40-45 MPH. Allow at least 15 minutes for the **brake** system to cool down.

Included in kit:

(4) 9/16-18 Hex Head Gr8 bolts Turned Down Head

(4) 9/16 Split ring lock washers Gr8

(4) Stainless Flat Washers 9/16"

(4) 9/16" Flat Stainless Shims

(16) 5/16 x 3/4 Low Head Socket Screws

(2) Billet Aluminum Calipers 4-Piston

(2) Billet Aluminum Brake Hats 1.750 depth

(2) Rotors

(1) Set of High Performance Brake Pads