



WIDE 5 RACING HUB DYNAMIC ROTOR MOUNT SYSTEM

Racers in the Wide-5 hub equipped categories are now able to utilize the proven performance advantages of dynamic or "floating" mount rotors.

Why Float Mount?

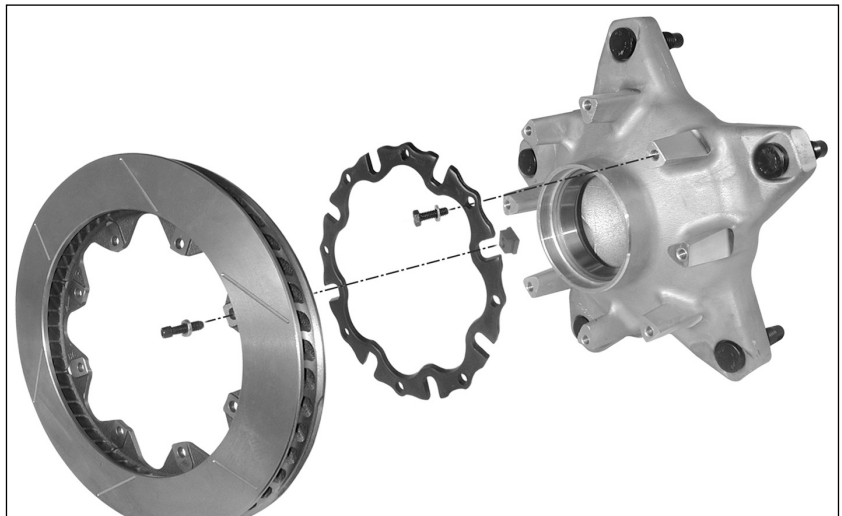
Cast iron, steel, and aluminum have measurable differences in their thermal expansion rates. Rotors and hubs also operate in vastly different temperature ranges based on their proximity to the brake pads and cooling air. In sustained high heat competition, these thermal variances can create potentially damaging stresses at the rotor mount tabs and rotor bolt stands when the rotor is rigidly attached to the hub. Thermal distortion, uneven pad build-up and rotor wear can all lead to pulsing, excessive pad knock-back, or other undesirable pedal feedback to the driver. By "float" mounting the rotor, these negative characteristics can all be eliminated. The results are felt with truer running, smoother engagement, extended reliability, and consistent pedal feel after every lap. Wilwood's dynamic rotor mounting system is simply the most accurate and durable method of damping pad engagement harmonics, controlling pad knock-back, and isolating the thermal stresses that can occur between the rotor and the hub mounts.



Wide 5 Racing Hub Floater Assembly Showing T-Nut Placement with Rotor and Mounting Plate

Dynamic Mount System Features:

- Hubs for use with dynamic mount plates feature specially machined bolt stands that compensate for the plate thickness and position the rotor at the standard offset location. This eliminates any need for caliper relocation when changing to the dynamic rotor mount system. The Starlite "55" series hubs feature 5 bolt rear drive flanges with Snap-Cap front hubcaps. They are the strongest lightweight hubs in the industry. The Starlite "V" series hubs use traditional 8 bolt rear drive flanges and bolt-on front hubcaps.
- High strength steel, dynamic mounting plates bolt solidly to the hubs and place the float between the plate and the rotor through the special mounting bolt and t-nut system.
- Square faced t-nuts bolt solidly to standard 5/16" mount hole rotors and float within the slots on the mount plate. T-nuts provide a substantially larger load bearing area as compared to the round pin and bobbin type dynamic mounts that require slotted hole rotors. An assembly tool is provided with each bolt and t-nut kit to correctly position the t-nut during installation to assure bind-free operation.
- Use with any standard 8 on 7.00" mount pattern rotors with 5/16" bolt holes. This provides a wide range of rotor choices with a substantially more cost effective and durable mount as compared to slotted hole rotors.



Wide 5 Racing Hub Floater Assembly Showing Individual Major Components

ORDERING INFORMATION: DYNAMIC MOUNT HUBS, PLATES AND BOLT KITS

WIDE 5 HUBS

Starlite "55" Front Hub with Snap-Cap, Standard 5/8" Coarse Thread Studs
 Starlite "55" Front Hub with Snap-Cap, Drilled 5/8" Coarse Thread Studs

PART NO.
 270-8436C
 270-8436D

Starlite "55" Rear Five Bolt Hub, Standard 5/8" Coarse Thread Studs
 Starlite "55" Rear Five Bolt Hub, Drilled 5/8" Coarse Thread Studs

270-8435C
 270-8435D

Starlite "V" Eight Bolt Hub, Standard 5/8" Coarse Thread Studs
 Starlite "V" Eight Bolt Hub, Drilled 5/8" Coarse Thread Studs

270-8434C
 270-8434D

DYNAMIC ROTOR MOUNT PLATE

Mount Plates for Machined Wide 5 Hubs

300-8431

ROTOR TO PLATE BOLT KIT WITH T-NUTS AND INSTALLATION TOOL

Grade 8 Socket Head, Lock Wire Drilled with AN Washers

230-8454

PLATE TO HUB BOLT KITS

Grade 8 Hex Head with Split Lock Washers
 Grade 8 Socket Head, Lock Wire Drilled with Stainless Washers

230-0526
 230-2589

WIDE 5 HUB INSTALLATION PARTS AND ACCESSORIES

Five Bolt Drive Flange with Bolts & Washers, Black
 Five Bolt Drive Flange with Bolts & Washers, Lightweight, Silver
 Bolt Kit with Washers for Five Bolt Drive Flange (included with flanges)
 Snap-Cap Front Hub Cap for Starlite "55" (included with hubs)

270-6732
 270-6733
 230-6911
 270-6913

Eight Bolt Drive Flange, Gold
 Eight Bolt Drive Flange, Red
 Eight Bolt Drive Flange, Black
 Front Hub Cap for Eight Bolt Hubs
 Bolt Kit with Washers for Eight Bolt Drive Flanges

270-2290
 270-2290R
 270-2290B
 270-0374
 230-1378

Bearing, Seal, and Spindle Lock Assembly - All Wide 5's
 Lug Nuts, 5/8" Coarse Steel, 5 pack

370-6885
 230-0622



Starlite "55" Front Assembly



Starlite "55" Rear Assembly



Starlite "V" Eight Bolt Hub



Dynamic Rotor Mount Plate



Rotor to Plate Bolt Kit



Plate to Hub Bolt Kit



Lightweight 5 Bolt Drive Flange



Bearing, Seal and Locknut Kit