

WIDE 5 RACING HUB DYNAMIC ROTOR MOUNT SYSTEM

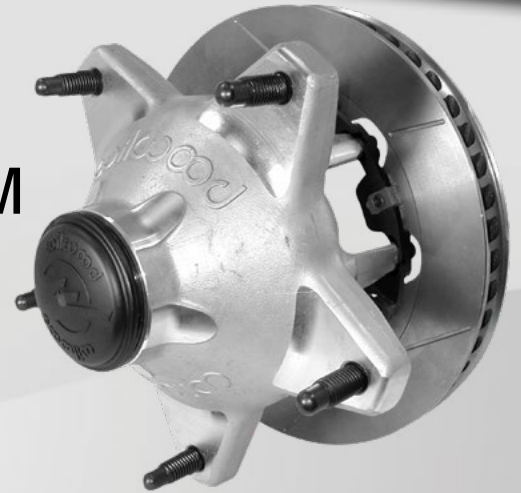
Racers in the Wide-5 hub equipped categories are now able to utilize the proven performance advantages of dynamic or "floating" mount rotors.

Why Float Mount?

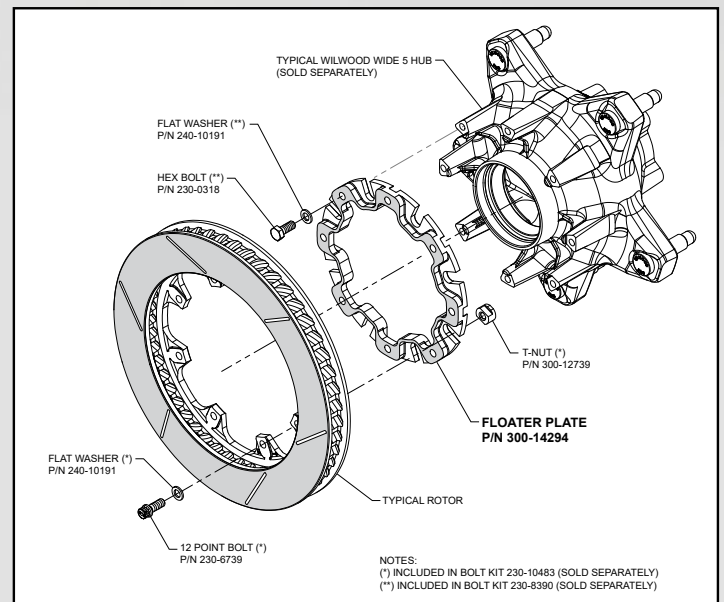
Cast iron, steel, and aluminum have measurable differences in their thermal expansion rates. Rotors and hubs also operate in vastly different temperature ranges based on their proximity to the brake pads and cooling air. In sustained high heat competition, these thermal variances can create potentially 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.

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.



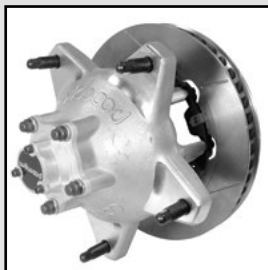
Wide 5 Racing Hub Floater Assembly
Showing Individual Major Components

ORDERING INFORMATION: PH: 805.388.1188 • FAX: 805.388.4938 • wilwood.com • info@wilwood.com

PART NUMBER	DESCRIPTION
270-6735BC	Starlite "55" Front Hub with Snap-Cap, Standard 5/8" Coarse Thread Studs (Black E-Coat) (Wide 5 Hub)
270-6735BD	Starlite "55" Front Hub with Snap-Cap, Drilled 5/8" Coarse Thread Studs (Black E-Coat) (Wide 5 Hub)
270-6735C	Starlite "55" Front Hub with Snap-Cap, Standard 5/8" Coarse Thread Studs (Wide 5 Hub)
270-6735D	Starlite "55" Front Hub with Snap-Cap, Drilled 5/8" Coarse Thread Studs (Wide 5 Hub)
270-6735UD	Starlite "55" Front Hub with Snap-Cap, Drilled 5/8" Coarse Thread Studs, Less Bearing Races (Wide 5 Hub)
270-6513BC	Starlite "55" Rear Five Bolt Hub, Standard 5/8" Coarse Thread Studs (Black E-Coat) (Wide 5 Hub)
270-6513BD	Starlite "55" Rear Five Bolt Hub, Drilled 5/8" Coarse Thread Studs (Black E-Coat) (Wide 5 Hub)
270-6513C	Starlite "55" Rear Five Bolt Hub, Standard 5/8" Coarse Thread Studs (Wide 5 Hub)
270-6513D	Starlite "55" Rear Five Bolt Hub, Drilled 5/8" Coarse Thread Studs, Less Bearing Races (Wide 5 Hub)
270-6513UBD	Starlite "55" Rear Five Bolt Hub, Standard 5/8" Coarse Thread Studs, Less Bearing Races (Black E-Coat) (Wide 5 Hub)
270-6513UD	Starlite "55" Rear Five Bolt Hub, Drilled 5/8" Coarse Thread Studs, Less Bearing Races (Black E-Coat) (Wide 5 Hub)
300-14294	Zero Offset Mounting Plate (Dynamic Rotor Mount Plate)
230-14845	Grade 8 Hex Head, Lock Wire Drilled with AN Washers (Bolt Kit, T-Nuts & Installation Tool)
230-0526	Grade 8 Hex Head with Split Lock Washers (Plate to Hub Bolt Kit)
230-2589	Grade 8 Socket Head, Lock Wire Drilled with Stainless Washers (Plate to Hub Bolt Kit)
270-6732	Five Bolt Drive Flange with Bolts & Washers, Black (Wide 5 Hub Installation Parts & Accessories)
270-6733	Five Bolt Drive Flange with Bolts & Washers, Lightweight, Silver (Wide 5 Hub Installation Parts & Accessories)
230-6911	Bolt Kit with Washers for Five Bolt Drive Flange (included with flanges) (Wide 5 Hub Installation Parts & Accessories)
270-6913	Snap-Cap Front Hub Cap for Starlite "55" (included with hubs) (Wide 5 Hub Installation Parts & Accessories)
370-6885	Bearing, Seal, and Spindle Lock Assembly - All Wide 5's (Wide 5 Hub Installation Parts & Accessories)
230-0622	Lug Nuts, 5/8" Coarse Steel, 5 Pack (Wide 5 Hub Installation Parts & Accessories)



Starlite "55" Front Assembly



Starlite "55" Rear Assembly



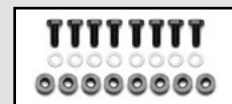
Lightweight 5 Bolt Drive Flange



Dynamic Rotor Mount Plate



Bearing, Seal & Locknut Kit



Rotor to Plate Bolt Kit

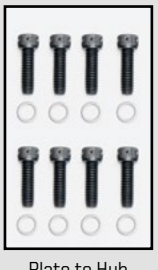


Plate to Hub Bolt Kit