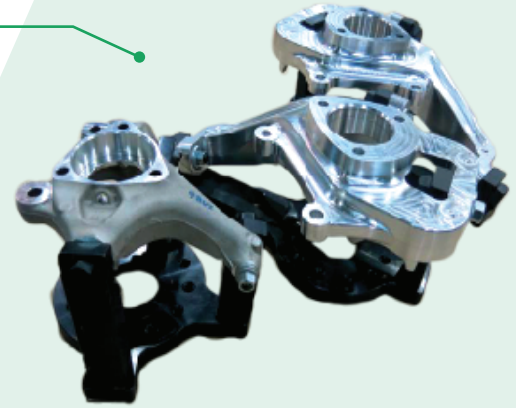


## DYNAMOMETER FIXTURES Cap Screw & Dowel Pin Assembled

A critical factor in brake testing is utilizing the best test fixture available to ensure that the test results are not adversely affected. A normal investment in a brake dynamometer can be over \$1 million, but that investment can be of no value if the fixture **is the cause of inaccurate test data.**



★ **The most critical design aspect** of producing the test fixture is to make sure it is concentric and square within  $\pm .002$ ". Welded fixtures tend to warp during the welding process, misaligning the bearing bore to the dynamometer pilot.



The fixture is assembled with **tapered pins** at the knuckle suspension points and the support structure is secured with cap screws and dowels to ensure accurate positioning.



All Greening test fixtures are surface coated with **black oxide** to inhibit corrosion.



Bolt pattern and pilot for the fixture base is matched to **any dynamometer tailstock configuration.**