



INSTRUCTION SHEET TAPPET RETAINER KIT – PART NUMBER P5155275



Package Contents

8 - Dog Bones w/ a hole drilled in the center
8 - Socket head shoulder bolts
8 - Compression springs
Instruction Sheet

Application

This tappet retainer kit is for use on Mopar Magnum engine blocks P5153452 and P5153579. The kit is needed to allow the use of production Magnum hydraulic roller tappets. This kit is not designed for use on any production or other engine blocks.

This package is not for use with flat tappet camshafts or mechanical roller camshafts. This kit must be used with a production style hydraulic roller camshaft and tappets (i.e. Mopar Performance camshaft & tappet kit – P4876348, P5007551, P5249549, or similar cams).

Read all instructions before beginning installation.

General Information

The stock Magnum spider retainer is made of stamped steel and when bolted to the block, it holds the dog bones in place. Mopar blocks P5153452 and P5153579 are unique castings, and the stock stamped spider retainer will not fit since it interferes with the larger bosses around the tappets.

This kit uses a different method to retain the dog bones into the block. Each dog bone has been modified by drilling a hole in the center. Each dog bone is held down by one shoulder screw w/ a spring over the screw between the screw and the dog bone.

Installation Instructions

Install the camshaft in the engine. Insert the tappets into each tappet bore. Take care to make sure they are installed correctly w/ the paint mark on the top of each tappet facing the center of the engine. The oil hole in each tappet must be facing upward toward the center of the engine, so that air is not trapped in the tappets. Install the dog bones over each pair of tappets. Install the shoulder screw and spring over each tappet (the spring goes over the screw between the dog bone and the screw. Compress the springs as you install the screw. Torque these screws to 11 ft/lbs. Rotate the camshaft to make sure the tappets move up and down without any binding. Continue with the engine build as normal.

Omit the production stamped spider retainer and the 3 fasteners that hold it down, since they are not used with this type of tappet retaining system.

If you need replacement tappets use P5249862 (set of 16 tappets), or P4876054 (individual tappet).

For technical assistance, please contact the Direct Connection Tech Hotline - Monday-Friday, 7:00am - 3:00pm EST at 1(888) 528-HEMI or 1(888) 528-4364.

MOPAR PERFORMANCE CRATE ENGINE ASSEMBLY 90-DAY LIMITED WARRANTY

MOPAR PERFORMANCE CRATE ENGINE ASSEMBLIES – Crate engine assemblies not used in competition are warranted for “parts only,” AS DELIVERED against defects in materials or workmanship for 90 days from the date of purchase. The following covered components for Performance Engine Assemblies, which prove to be defective in materials or workmanship, will be replaced on an exchange basis for 90 days: cylinder block and all internal parts; cylinder head assemblies; intake manifold; core plugs; valve covers; oil pan; timing gear and / or chain and cover; water pump; gaskets and seals.

Chrysler, Plymouth, Dodge, and Jeep vehicle and parts warranties are voided if the vehicle or parts are used for competition or if they fail as a result of modification.