



Adjustable Cam Sprockets Installation

The Spears cam sprockets (part #SP03-650) and holders are precision machined to all of our racing specifications. Your sprocket kit will include 4 holders, 4 sprockets and 8 mounting bolts.

The SV650 has a notch on the opposite end of each camshaft. Carefully press off the original sprocket. Line up one of the holders threaded holes to be in line with the notch (if the notch is at the twelve o'clock position, then each threaded hole on the sprocket holder will be at the twelve and six position).

Now press the adapter on (flat side in) until it bottoms out on the step of the camshaft. When pressing on the sprocket holder, support the camshaft securely and squarely. **FAILURE TO DO THIS WILL RESULT IN DAMAGE TO THE CAMSHAFT AND THE SPROCKET HOLDER.** You may want to weld three spots on the cam and holder (two o'clock, ten o'clock and six o'clock positions) to ensure NO future movement. **DO NOT OVERWELD!**

Caution:

The sheet metal cam chain follower that bolts to the top of each head must be pushed as far towards the outside of the engine and possible. Failure to do this when installing the camshafts, will cause the holder bolts to hit the follower. **CHECK BOLT TO FOLLOWER CLEARANCE BEFORE STARTING YOUR ENGINE.**

Thank you for looking,

Gregg Spears