

ADJUSTABLE CAM SPROCKET INSTALLATION

- 1) Install the adjustable sprocket as you would a standard sprocket. Start with the adjustment approximately in the center of its range.
- 2) Time the cam per its specs using the sprocket adjustment as needed to achieve the desired cam timing. If you have to adjust the sprocket more than a few degrees off the center of its range, try jumping the chain a tooth to change 8.5 camshaft degrees (17 crank degrees) or turning the whole sprocket 90 degrees and bolting it to the cam using the other two holes to change 4.25 camshaft degrees (8.5 crank degrees). Try to keep the adjustment close as possible to the center of its range if you want adjustment left to advance or retard the cam.
- 3) After timing the cam you may punch a reference mark on the sprocket portion inline with the appropriate engraved timing mark on the center portion. If the cam was timed at “zero” or straight up” you may punch the reference mark inline with the zero mark. Then the cam can be advanced or retarded and the timing marks will show the degrees of advance (+) or retard (-). Note that the marks indicate cam degrees so you need to double for crank degrees. Six degrees at the cam is 12 degrees at the crank.
- 4) After adjusting the sprocket torque the six bolts to 18 ft/lb. Don't forget to torque the cam bolts to 24 – 26 ft/lb. and bend the locking tabs.



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