

**Double-Sheave Main Drive Pulley (1974-1992)
Part No. 11469 / 11478**

Ignition Timing Mark Locations

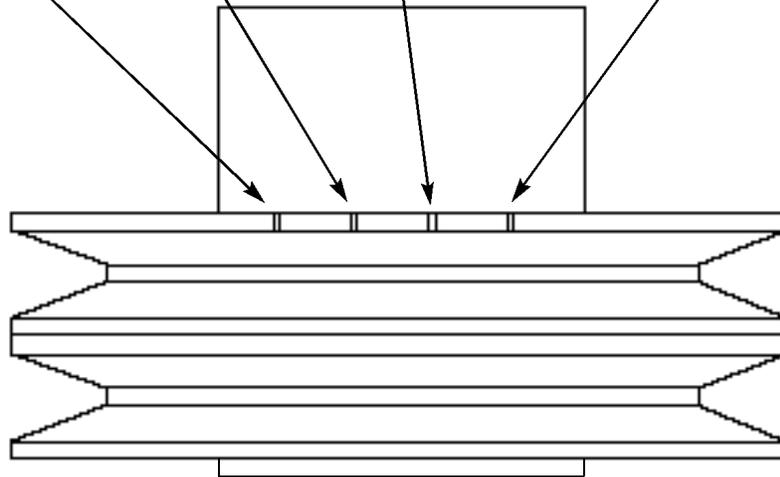
10° ATDC

0°

10° BTC

20° BTC

(Before Top Dead Center)



Note: Read these instructions thoroughly before starting the following installation procedures.

If you are installing this component on an engine that has already been assembled, follow the instructions below:

Step 1

After you remove the bolt retaining the main pulley, use a scribe or a small screwdriver to maintain the position of the pulley key in the keyway while you slowly slide this pulley off the eccentric shaft, keeping the scribe or screwdriver in place throughout this step. **Before you actually remove the stock pulley**, perform step A or B listed below, as required.

A) Manual Transmission

Have an assistant press the clutch pedal to the floor, keeping it depressed fully while you perform the following installation steps. The goal is to keep the eccentric shaft from shifting back towards the rear of the engine and causing the thrust washers/bearings to slip away from their correct positions.

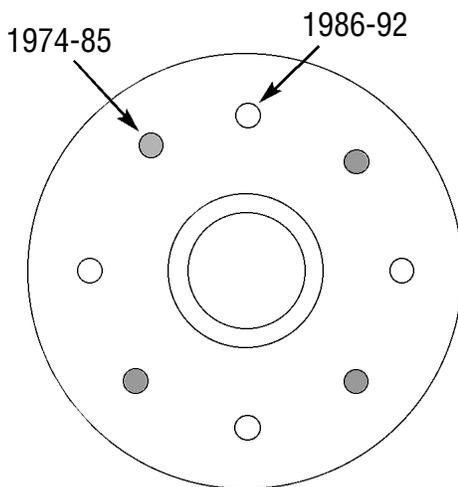
B) Automatic Transmission

If your engine has an automatic transmission, have an assistant press hard against the flex plate, pushing it towards the front of the engine. Either remove the starter or the inspection plate/plug to facilitate access to the flex plate. The assistant must maintain constant pressure on the flex plate, using a large

screwdriver or similar tool to provide sufficient force until the new pulley is slipped into place. The goal is to keep the eccentric shaft from shifting back towards the rear of the engine and causing the thrust washers/bearings to slip away from their correct positions.

Step 2

Now, slide the pulley off, passing it over the scribe or screwdriver, that is holding the key securely in the eccentric shaft keyway.



Optional Step - If you are installing the air conditioning/ power steering pulley, follow the steps below.

This pulley has eight (8) threaded holes. The 1974-85 RX-7 uses only four (4) of these holes. The 1986-92 RX-7 also uses only four (4) of these holes. Simply place the air conditioning/power steering pulley on top of the main drive pulley and rotate it until all four holes line up. All four (4) retaining bolts **MUST** be used.

Step 3

Slide the new pulley onto the eccentric shaft, matching the keyway in the pulley with the key resting in the eccentric shaft keyway.

Step 4

Torque the front main pulley bolt to at least 80 foot-pounds, bearing in mind that you must maintain .0015-inch endplay in the eccentric shaft.