



## INSTALLING ADJUSTABLE CAM SPROCKETS SUZUKI SV650

### READ THESE INSTRUCTIONS BEFORE REMOVING STOCK SPROCKETS FROM THE CAMS

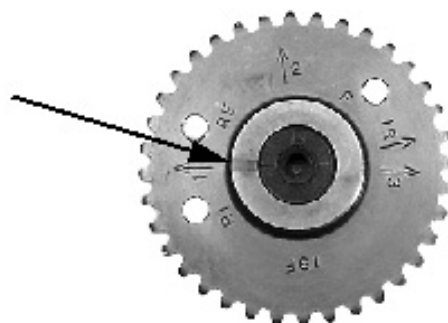
Start by taking each Adjustable Cam sprocket and adapter and positioning the sprocket so that the bolts are in the center of the slots. Snug the bolts so that the sprocket will not move on the adapter until you are instructed to remove it.

When installing the adapter on the camshaft, clean both the cam boss and the adapter Inside Diameter with acetone, coat the adapter bore with red loctite. Hold the cam securely when pressing the adapter on. It is very easy to damage both the cam and adapter.

After cams are degreed in, lock bolts to 14 ft. lbs. of torque. **OVER TIGHTENING CAN DAMAGE ADAPTER OR BOLTS.**

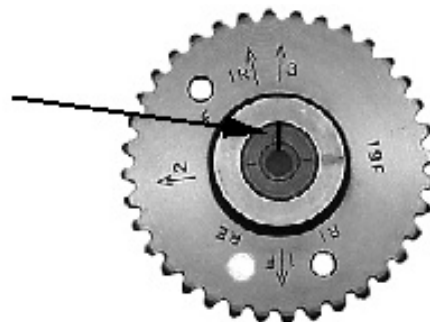
#### Front Exhaust

The cam has a line that points to the "1F arrow" Highlight that line and remove the stock sprocket. Hold the adjustable sprocket and adapter assembly up to the cam so that the single dot on the adjustable sprocket lines up with the highlighted line. Make a mark on the adapter in line with the highlighted line. Remove the adjustable sprocket from the adapter. Install the adapter do that the mark you made on it lines up with the highlighted line on the cam.



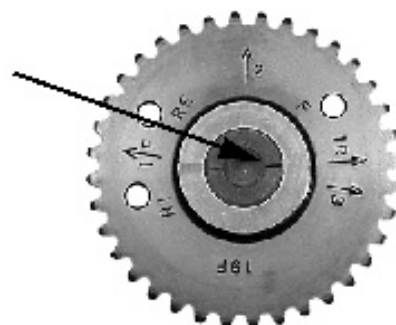
#### Front Intake

Scribe a line on the cam that lines up with the number 3 arrow on the stock sprocket. Remove the stock sprocket from the cam. Hold the adjustable sprocket and adapter up to the cam so that the line that you scribed lines up with the 3 dots on the adjustable sprocket. Make a mark on the adapter in line with your scribed line on the cam. Remove the adjustable sprocket and install the adapter so that the mark you made lines up with the scribed line you made on the cam.



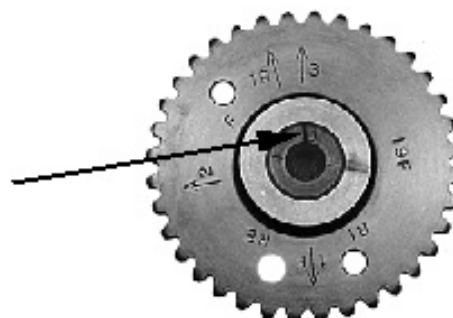
#### Rear Intake

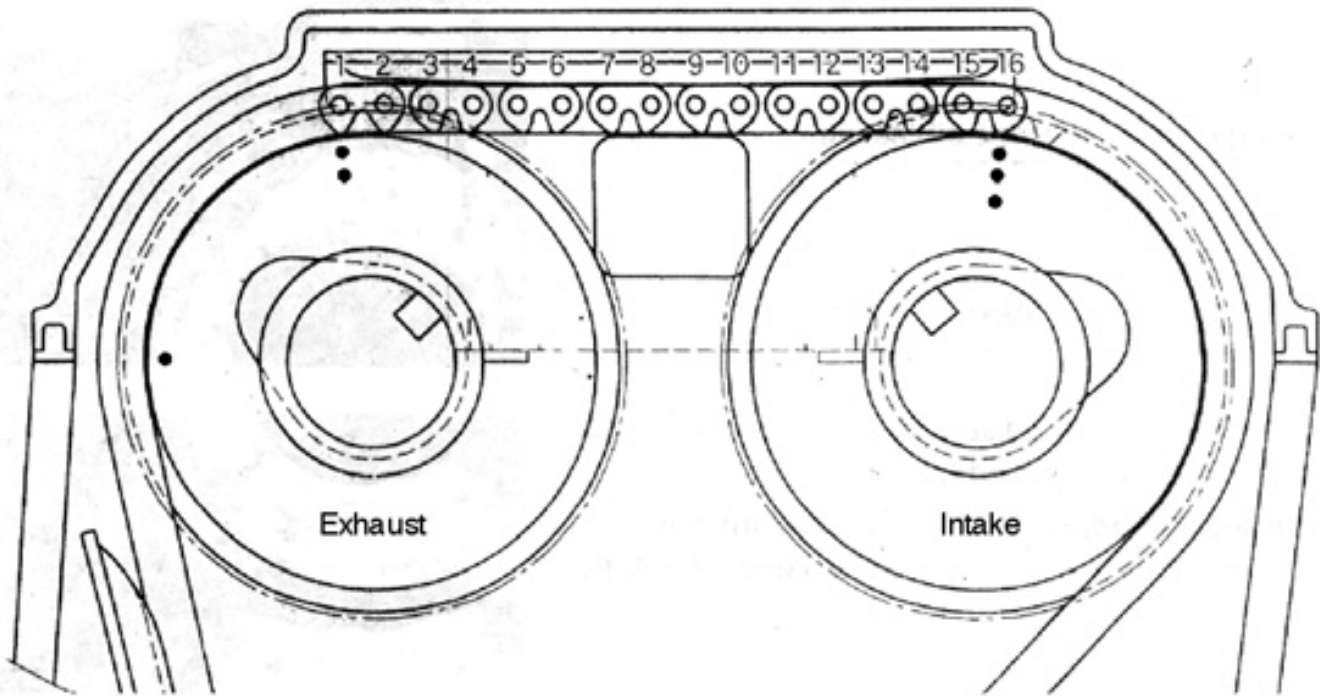
There is a line on the cam that lines up with the "1R arrow" on the stock sprocket . Highlight that line and remove the stock sprocket. Hold the adjustable adapter and sprocket assembly up to the cam so that the highlighted line lines up with the single dot on the adjustable sprocket. Mark the adapter in line with the highlighted line on the cam. Remove the adjustable sprocket and install the adapter so that the mark you made lines up with the highlighted line on the cam.



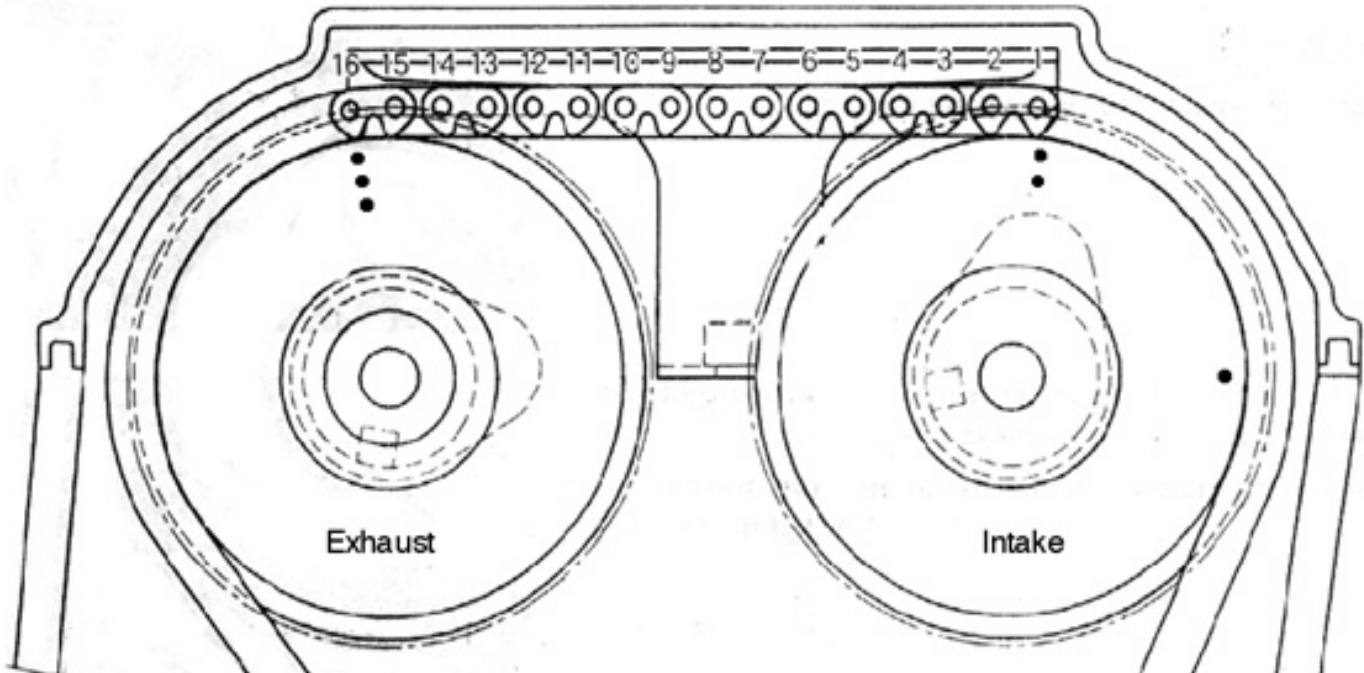
#### Rear Exhaust

Scribe a line on the cam that lines up with the number 3 arrow on the stock sprocket. Remove the stock sprocket from the cam. Hold the adjustable sprocket and adapter up to the cam so that the line that you scribed lines up with the 3 dots on the adjustable sprocket. Make a mark on the adapter in line with your scribed line on the cam.





Front Cylinder



Rear Cylinder

These drawings are to serve as a guide only. Spears will in no way liable for any damage resulting from mis-timed cams with these sprocket assemblies. It is the sole responsibility of the engine builder to see that everything in in correct time before rotating the engine.