



**2003-04 SVT Cobra
Crank Support Installation Notes**

Torque Specs	
Bearing Plate	75 in/lb (<i>criss-cross pattern</i>)
Adjuster Tab	75 in/lb
Auxiliary Idler Bolt	25 ft/lb
Pan Rail Support Caps	75 in/lb (<i>criss-cross pattern</i>)
Pan Rail Support Bolts	216in/lb (<i>or 18 ft/lb</i>)
Leg/Timing Cover Bolts	Three even stages walking up to 28-32 ft/lb (<i>using lube under head & threads</i>)
Mandrel to Balancer	132 in/lb (<i>in two even stages; criss-cross pattern</i>)

Installation tips:

- **If you are installing the mandrel into a 2-piece Innovators West balancer**, start with measuring the bore diameter with a set of calipers. The bore should be 1.447-1.448. If bore is smaller than 1.447, it will be necessary to remove the hub adapter to be honed to size.
- **Never** use the mandrel mounting bolts to draw the mandrel into the balancer, doing so will result in thread damage. The balancer should be warm and mandrel cool. Apply a small amount of lubricant, start the bolts to aid in alignment, and use a rubber mallet to drive mandrel into the bore.
- When tightening the jack screws against the oil pan, be certain you have achieved the right amount of preload on the support cap and **do not over-tighten the jack screws**. The jack screws should only be tightened slightly past touching.
- When installing the bearing onto the mandrel, apply a small amount of lubricant.

Failure to follow instruction could lead to part or engine damage.

For best results, parts should be installed by an experienced technician.