



**Step14:** Make sure the balance shaft and crank are at TDC reference 11A-53, section <<D>> before removing the balance shaft press firmly on the belt to get a feel for the tension; do so several times until you have a good feel for the amount of tension you need to reload on it. Now unbolt the crank sensor Qty 2 12mm bolts, and crank pulley 22mm with crank sensing plate see figure 11A-51, #15, 16, & 17. Now you're ready to remove the balance shaft belt. Take your ratchet with the 12mm and loosen the balance shaft tensioner reference 11A-54, pics #1 & #2, turn the pulley counter-clockwise to create more slack. Now remove the belt.

**Step15:** Take your new balance shaft belt and make sure you notice the directional rotation the belt is supposed to go, make sure you install the belt to rotate clockwise with the engine. Install your balance shaft belt fitting the top side of the belt as tight as possible, so that all your slack falls at the bottom for the tenioner. Now that your belt is on use a flat screw driver underneath the balance shaft tenioner and pry up creating tension on the belt. Once you get your tension where it should be tighten the 12mm bolt making sure it doesn't turn on you. Now torque it to 14 +/- 2 ft lbs. Reference 11A-53 section <<A>>, and 11A-54.