



techtonics tuning

24v VR6 264°/260° Camshaft Set Instructions

1. Remove intake manifold, Unplug coil packs and Remove valve cover
2. Rotate engine to TDC. (Slots at end of cams will be level and locking plate will fit.)
3. Remove cam chain tensioner and side cover
4. Unbolt intake **24E** and Exhaust **32A** cam sprockets. Note that the sprockets are different and cannot be interchanged
5. Remove control housing assembly. (4ea. 6mm allens)
6. Remove cams, Don't mix up cam caps they must go back in same place and position. (pointed corner of cap points to the intake manifold)
7. Before installing metal cam sealing ring thoroughly clean camshaft oil passages. Use carb spray or solvent and blow out with compressed air. Transfer metal cam sealing rings from std. cams to the new cams. (offset gaps 120°)
8. Check to see if engine is still @ TDC . (align timing mark on crank damper with arrow on front cover.
9. Install TT cams intake marked **2464** and exhaust cam marked **2460**. Torque to 44 in-lb + 1/8 turn (45°) Oil cam lobes and bearing caps
10. Reinstall control housing with new bolts or loctite old bolts. Torque to 71 in-lb
11. Line up cams with locking plate.
12. Reinstall cam sprockets with the chain, the arrows on the sprockets must be lined up with the notches on the control housing and count 16 chain rollers between the arrows. Cam bolt torque is 44 ft-lb + 1/4 (90°) support cams with wrench using hex on cam (Intake sprocket marked **24E**, Exhaust marked **32A**)
13. Reinstall side cover and chain tensioner. Rotate engine and double check cam timing.
14. Reinstall valve cover, coil pack wires and intake manifold.
15. Start engine and let idle for a few minutes.