

MAZDA MOTORSPORTS

Installation Instructions



Mazda Miata
Adjustable Timing Wheel
1990-2005

Adjustable Timing Wheel Installation

1. Rotate engine clockwise to TDC (Top dead center) with a 21mm 6 point socket by hand.
2. Remove Alternator/Water pump Belt.
3. Remove 4 factory (10mm) bolts from the harmonic balancer/crank pulley. DO NOT REMOVE MAIN CRANK BOLT.
4. Separate harmonic balancer from pulley boss.
5. Remove original timing wheel.
6. Install new Mazda Motorsports timing wheel on pulley boss. Make sure the "This side out" is visible and facing the radiator. Make sure the the guide pin is in the 12 o'clock hole on the timing wheel.
7. Re-install harmonic balancer.
8. Do not re-use the 4 (10mm) factory bolts. Use supplied ARP bolts to re-install harmonic balancer.
9. Set to desired timing.
10. Use Blue Loc-Tite on the bolts, and torque to 100 in-lbs.
11. Re-install the Alternator/Water pump belt.

