

TU R5 Camshaft Timing Events

Valve timing taken at valve (retainer) with zero lash.

December 13, 2014 by Todd Nelson

Intake

Open

.006 32.5 BTDC

.020 19.75 BTDC

.050 6 BTDC

.0875 4.5 ATDC

Close

.006 63 ABDC

.020 52.25 ABDC

.050 41 ABDC

.0875 31 ABDC

Exhaust

Open

.006 82 BBDC

.020 61 BBDC

.050 47.5 BBDC

.0875 37 BBDC

Close

.006 26 ATDC

.020 6 ATDC

.050 8.5 BTDC

.0875 19BTDC

Duration

.006 275.5°

.020 252°

.050 227°

.087 207°

.006 288°

.020 247°

.050 219°

.087 198°

Overlap @ .006 58.5° @.020 25.75° @ .050 -2.5°

Intake Centerline 113.5° ATDC

Exhaust Centerline 115.75° BTDC

Lobe separation angle (LSA) 114.625°

Camshaft advanced 2.25°

Peak lobe lift intake .280"

Peak valve lift intake (1.75 ratio) .490"

Peak lobe lift exhaust .286"

Peak valve lift exhaust (1.75 ratio) .501"

