

TU R4+ Camshaft Timing Events

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

December 30, 2014 by Todd Nelson

Intake

Open

.006 20.5 BTDC
.020 10.5 BTDC
.050 2 ATDC
.0875 12 ATDC

Close

.006 63 ABDC
.020 50.5 ABDC
.050 39 ABDC
.0875 30 ABDC

Exhaust

Open

.006 66 BBDC
.020 54.5 BBDC
.050 42 BBDC
.0875 32 BBDC

Close

.006 22 ATDC
.020 7.5 ATDC
.050 5.5 BTDC
.0875 15.25 BTDC

Duration @

.006 263.5°
.020 241°
.050 217°
.0875 198°

.006 268°
.020 242°
.050 216.5°
.0875 196.75°

Overlap @

.006 46.5°
.020 18°
.050 -7.5° (negative)
.0875 -27.25° (negative)

Intake Centerline

112.5° ATDC

Exhaust Centerline

111.5° BTDC

Lobe separation angle (LSA)

112°

Camshaft retarded

-.5°

Peak lobe lift intake

.283"

Peak valve lift intake (1.75 ratio)

.495"

Peak lobe lift exhaust

.285"

Peak valve lift exhaust (1.75 ratio)

.498.75"