VALVE CLEARANCE INSPECTION

HINT:

Inspect and adjust the valve clearance when the engine is cold.

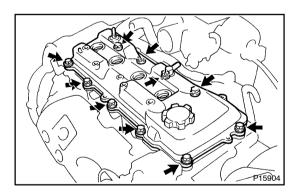
EM02K-05

- 1. REMOVE INTAKE AIR CONNECTOR (See page EM-32)
- 2. REMOVE PCV HOSES
- 3. DISCONNECT HIGH-TENSION CORDS FROM SPARK PLUGS

NOTICE:

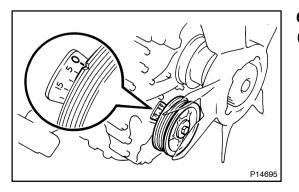
Pulling on or bending the cords may damage the conductor inside.

- 4. DISCONNECT ENGINE WIRE
- (a) w/ A/C:
 - Disconnect the A/C compressor connector.
- (b) Disconnect the oil pressure sensor connector.
- (c) Disconnect the engine coolant temperature sender gauge.
- (d) Disconnect the distributor connector.
- (e) Disconnect the 4 engine wire clamps and engine wire.



5. REMOVE CYLINDER HEAD COVER

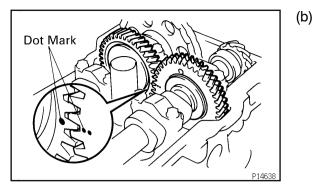
Remove the 10 bolts, seal washers, cylinder head cover and gasket.



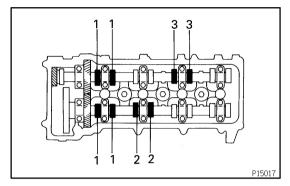
6. SET NO. 1 CYLINDER TO TDC/COMPRESSION

(a) Turn the crankshaft pulley clockwise and align its groove with the 0 mark on the timing chain cover.

¹⁹⁹⁶ TOYOTA TACOMA (RM450U)



Check that the timing marks (1 and 2 dots) of the camshaft drive and driven gears are in straight line on the cylinder head surface as shown in the illustration. If not, turn the crankshaft 1 revolution (360°) and align the marks as above.

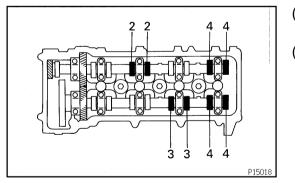


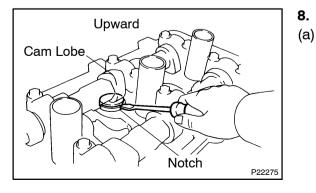
7. INSPECT VALVE CLEARANCE

- (a) Check only the valves indicated.
 - Using a thickness gauge, measure the clearance between the valve lifter and camshaft.
 - Record the out-of-specification valve clearance measurements. They will be used later to determine the required replacement adjusting shim.

Valve clearance (Cold):

Intake	0.15 – 0.25 mm (0.006 – 0.010 in.)
Exhaust	0.25 – 0.35 mm (0.010 – 0.014 in.)



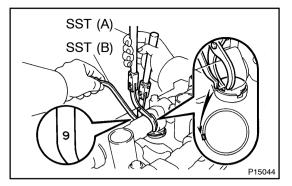


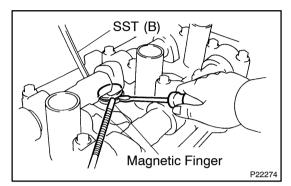
(b) Turn the crankshaft pulley 1 revolution (360°) and align its groove with timing mark "0" of the timing chain cover. (c) Check only the valves indicated as shown. Measure the valve clearance. (See procedure in step (a))

ADJUST VALVE CLEARANCE

a) Remove the adjusting shim.

- Turn the crankshaft to position the cam lobe of the camshaft on the adjusting valve upward.
- Position the notch of the valve lifter toward the spark plug side.



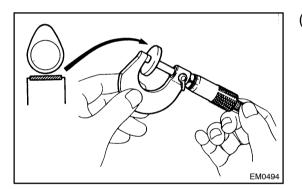


• Using SST (A), press down the valve lifter and place SST (B) between the camshaft and valve lifter flange. Remove SST (A).

SST 09248-55040 (09248-05410, 09248-05420)

HINT:

- Apply SST (B) at slight angle on the side marked with "9", at the position shown in the illustration.
- Remove the adjusting shim with a small screwdriver and magnetic finger.



- (b) Determine the replacement adjusting shim size by these Formula or Charts:
 - Using a micrometer, measure the thickness of the removed shim.
 - Calculate the thickness of a new shim so that the valve clearance comes within the specified value.
 T Thickness of removed shim
 - A Measured valve clearance
 - N Thickness of new shim

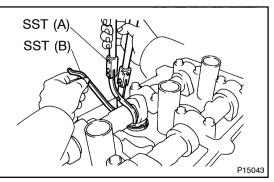
Intake: N=T + (A - 0.20 mm (0.008 in.))

Exhaust: N=T + (A - 0.30 mm (0.012 in.))

• Select a new shim with a thickness as close as possible to the calculated value.

HINT:

Shims are available in 17 sized in increments of 0.05 mm (0.0020 in.), from 2.50 mm (0.0984 in.) to 3.30 mm (0.1299 in.).



(c) Install a new adjusting shim.

- Place a new adjusting shim on the valve lifter.
- Using SST (A), press down the valve lifter and remove SST (B).

SST 09248-55040 (09248-05410, 09248-05420)

- (d) Recheck the valve clearance.
- 9. REINSTALL CYLINDER HEAD COVER
 - **10. RECONNECT ENGINE WIRE**
- 11. REINSTALL HIGH-TENSION CORDS
- 12. REINSTALL PCV HOSES

1996 TOYOTA TACOMA (RM450U)

13. REINSTALL INTAKE AIR CONNECTOR (See page EM-56)

Selection Chart (Intake)	(14) (14) (15) (15) (15) (15) (15) (15) (15) (15	5 5 5 6 6 6 6 6 7 7 7 7 7 8 8 8 8 8 9 9 9 9 10 10 10 11 11 11 12 12 12	5 6 6 6 6 6 7 7 7 7 7 7 8 8 8 8 9 9 9 9 10 10 10 11 11 11 11 12 12 13 13	6 6 6 6 7 7 7 7 7 7 8 8 8 8 8 8 9 9 9 9 9 9 10 10 10 10 11 11 11 11 12 12 13 13 13 13 14 14	6 6 7 7 7 7 7 7 7 7 8 8 8 8 8 9 9 9 9 9 9 10 10 10 10 10 11 11 11 12 12 12 13 13 14 14 14 14 15	7 7 7 7 7 8 8 8 8 9 9 9 9 9 9 10 10 10 10 10 11 11 11 12 12 12 13 13 13 14	7 8 8 8 9 9 9 10 10 10 10 11 11 11 12 12 12 13 13 13 13 13 13 13 13 13 14 14 7 13 13 13 14		1 7 7	9 9 10/10/10/10/10/11/11/11/11/11/12/12/12/12/13/13/13/13/13/14/14/14/14/15/15/15/15/15/15/15/12/12/12/12/12/12 10/10/10/10/10/11/11/11/11/12/12/12/12/12/13/13/13/13/13/14/14/14/14/14/15/15/15/15/15/12/12/12/12/12/12/12/12/	17 17	11 11 12 12 12 12 12 13 13 13 13 13 13 14 14 14 14 14 15 15 15 15 16 16 16 16 17 17 17 17	12 12 12 12 12 13 13 13 13 13 13 14 14 14 14 14 14 15 15 15 15 15 16 16 16 16 17	17 17	9 10 10 10 10 10 10 11 11 11 11 11 12 12 12 12 12 12 13 13 13 13 13 13 14 14 14 14 14 15 15 15 15 15 15 16 16 16 16 16 16 17 17 17 17 17 17 17 17 17 17 17 17 17	12 12 12 12 13 13 13 13 14 14 14 14 14 14 15 13 13 15 15 15 15 15 15 15 15 15 17 17 17 17 17 17 17 17	14 15 15 15 15 15 16 16 16 16 16 17 17 17 17 17 17 17 17	11 11 11 11 12 12 12 12 12 13 13 13 13 13 13 14 14 14 14 14 15 15 15 15 15 15 15 16 16 16 16 16 17 17 17 17 17 17 17 17 17 17	13 13 14 14 14 14 14 15 15 15 15 15 16 16 16 16 16 16 16 17 17 17 17 17 17 17 17 17 17 17	1212121212121313131313131414141414141515151515151516161616161711717171717171	15 15 15 16 16 16 16 15 17 17 17 17 17 17 17 17 17 17 17 17 17	17 17 17 17 17 17 17	16 16 17 17 17 17 17 17 17	17 17 17 17	171717	New shim thickness mm (in.)	Shim Thickness Shim Thickness	No.	6	2 2.550 (0.1004) 11 3.000 (0.1181)	3 2.600 (0.1024) 12 3.050 (0.1201)	e (Cold): 4 2.650 (0.1043) 13 3.100 (0.1220)	- 0.010 in.) 5 2.700 (0.1063) 14 3.150 (0.1240)	6 2.750 (0.1083) 15 3.200 (0.1260)	riance is 0.440mm 7 2.800 (0.1102) 16 3.250 (0.1280)	ne 2.800 mm 8 2.850 (0.1122) 17 3.300 (0.1	No. 12 shim. 9 2.900 (0.1142)	HINT: New shims have the thickness in
Adjusting Shim \$	2,556 (0,1004) 2,556 (0,1004) 2,556 (0,1004) 2,556 (0,1024) 2,556 (0,1024) 2,556 (0,1024) 2,556 (0,1024) 2,556 (0,1024) 2,770	1 1 1 1 1 2 2 2 2 2 3 3 3 3 4 4 4 4 4 5 5	2 3 3 3 3 3 4 4 4 4 4 5 5 5 5	3 3 3 3 4 4 4 4 4 5 5 5 5 5 6	2 2 3 3 3 3 3 4 4 4 4 4 5 5 5 5 6 6 6	1 1 2 2 2 3 3 3 4 4 4 4 4 5 5 5 5 5 6 6 6 6 6	1 1	η	23 23 23 23 23 23 23 23 23 23 24 24 24 24 25 25 25 25 25 25 25 25 25 25 25 25 25	1 1 1 1 1 1 0		5 5 6 6 6 7 7 8 8 8 8 9 9 9 9 9 9	5 5 5 6 6 7 7 7 7 8 8 8 8 9 9 9 9	5 5 6 6 7 7 7 7 8 8 9 9 9 9 9 10 10 10 10 10 11 11	6 6 6 7 7 7 8 8 8 9 9 9 9 9 0 0 0 0 0 0 0 0 0 0 0 0	7 7 7 8 8 9 9 9 10 10 10	7 7 7 8 8 9 9 9 9 10 10 10	7 8 8 9 9 9 9 10 10 10 11	8 8 8 9 9 9 10 10 10 11 11 11		8 8 9 9 9 10 10 10 10 11 11 11 12 12 12 12 12 13 13 13 13 13 14 14 14 14 15 15 15 15 15 15 16 16 16 15 17 17 17 9 9 9 9 10 10 11 11 11 11 11 12 12 12 12 12 12 12 12	9 9 10 10 11 11 11 11 12 12 12 13 13	10 10 10 11 11 11 11 12 12 12 13 13 13 13 13 14 14 14 14 14 15 15 15	10 11 11 11 12 12 12 13 13 13 13 13 14 14 14 14 14 14 15 15 15 15 15 15 16 16 16 16 16 16 16 16 16 16 16 16 16	10 11 11 11 12 12 12 13 13 13 13 14 14 14 14 14 15 15 15 15 15 15 16 16 16 16 17 17 17 17 11 11 12 12 13 13 13 13 14 14 14 14 15 15 15 15 15 16 16 16 16 16 17 17 17 17 17	11 11 12 12 13 13 13 13 13 14 14 14 14 15 15 15 15 15 15 16 16 16 16 16 17 17 17 17 17 17 17	11 11 11 11 12 12 13 13 13 13 14 14 14 15 15 15 15 15 15 16 16 16 16 16 17 17 17 17 17 17 17 17 17 17 17 17 17 11 11 12 12 12 13 13 13 13 14 14 14 15 15 15 15 15 16 16 16 16 16 16 17 17 17 17 17 17 17 17	16 16 16 17 17 17 17 17 17 17 17	12 12 13 13 13 13 14 14 15 15 15 15 16 16 16 16 16 17 17 17 17 17 17 17 17 17 17 17 17 17	17 17 17 17	17 17 17 17 17	1414141515151515161616161717171717 141415151515151515151516161717171717	17 17 17 17 17	16 16 17 17 17 17 17 17 17 17 17 17 17 17 17	17 17 17	17 17 17 17 17 17 17	1	12
	Installed shim thickness [10, 10, 10, 10, 10, 10, 10, 10, 10, 10,	0.000 - 0.030 (0.0000 - 0.0012)	0:031 - 0.050 (0.0012 - 0.0020)	0.051 - 0.070 (0.0020 - 0.0028)	0.071 - 0.090 (0.0028 - 0.0035)	- 0.110 (0.0036	- 0.130 (0.0044 - 0.0051)				- 0.310 (0.0115 - 0.0122) 3	- 0.330 (0.0122 - 0.0130) 3	- 0.350 (0.0130 - 0.0138) 4	- 0.370 (0.0138 - 0.0146) 4		- 0.430 (0.0162 - 0.0169) 5	- 0.450 (0.0170 - 0.0177) 6	- 0.470 (0.0178 - 0.0185) 6	- 0.490 (0.0185 - 0.0193) 7	- 0.510 (0.0193 - 0.0201) 7	0.511 - 0.530 (0.0201 - 0.0209) 8 8 0.531 - 0.550 (0.0209 - 0.0217) 8 8	- 0.570 (0.0217 - 0.0224) 8	- 0.590 (0.0225 - 0.0232) 9	- 0.610 (0.0233 - 0.0240)	0.631 - 0.650 (0.0248 - 0.0248) 10 10 10 0.631 - 0.650 (0.0248 - 0.0256) 10 11	- 0.670 (0.0256 - 0.0264)	0.671 - 0.690 (0.0264 - 0.0272) 11 11 0.691 - 0.710 (0.0272 - 0.0280) 11 11	- 0.730 (0.0280 - 0.0287)	0.731 - 0.750 (0.0288 - 0.0295) 12 12 0.751 0.770 (0.0306 0.0305) 13 13	- 0.790 (0.0304 - 0.0311)	- 0.810 (0.0311 - 0.0319)	$\begin{array}{cccccccccccccccccccccccccccccccccccc$	- 0.870 (0.0335 - 0.0343)	0.871 - 0.890 (0.0343 - 0.0350) 15 15 15 15 15 0.0891 - 0.910 (0.0351 - 0.0358) 15 15 16 16	- 0.930 (0.0359 - 0.0366)	0.931 - 0.950 (0.0367 - 0.0374) 16 16 17 0.051 0.070 (0.0374 0.0350) 16 17 17	- 0.990 (0.0382 - 0.0390)	$\begin{array}{c} 0.991 - 1.010 & (0.0390 - 0.0398) & 17 \\ 1.011 - 1.030 & (0.0398 - 0.0406) & 17 \\ 1.031 - 1.050 & (0.0406 - 0.0413) & 17 \\ \end{array}$

1996 TOYOTA TACOMA (RM450U)

 (1001) (1001	5 5 5 5 6 6 6 7 7 7 7 8 8 8 9 9 10 10 10 10 1 1 1 1 1 1 1 1 1 1 10	5 5 6 6 6 6 6 7 7 7 7 7 8 8 8 9 9 9 9 10 10 11 11 1	6 6 6 7 7 7 7 7 8 8 8 8 9 9 9 10 10 11 11 11 12 12 12	6 7 7 7 7 8 8 8 8 8 9 9 9 10 10 10 11	7 7 7 7 8 8 8 8 9 9 9 9 10 10 10 10 11 11 11 12 12 12 13	N N B	8 8 8 9 9 9 9 9 9 10 10 10 10 10 11 11 12 12 12 13 13 13	8 9 9 9 9 9 9 10 10 10 10 10 11 11 11 11 11 12 12 12 13 13 13 14 14 14 15		0 1 1 1 1 1 1 1 1 1 1 1 1 1	12 12 12 12 12 12 13 13 13 13 13 13 14 14 14 14 14 14 15 15 15 15 16 16 17 17	12 12 12 13 13 13 13 13 13 14 14 14 14 14 15 15 16 16 16 17 17	121212121313131313131414141414141515151515151515	13 13 14 14 14 14 14 15 15 15 15 15 16 16 16 17 17	14 14 15 15 15 15 15 15 16 16 16 16 17 17	14 14 14 15 15 15 15 15 16 16 16 16 16 17	4 14 15 15 15 15 15 15 15 16 16 16 16 15 17 17 17 17 17 17 17 17 15 15 15 15 15 15 15 15 15 15 15 15 15	15 15 16 16 16 16 16 17	16 16 17 17 17 17 17	16 17 17 17 17 17 17	6 16 17 17 17 17 17 17 17 17 17 17 17 17 17	17 17 17 17	71717		New shim thickness mm (in.)	e do	No. Thickness Nim Thickness No.	1 2.500 (0.0984) 10 2.950 (0.1161)	2 2.550 (0.1004) 11 3.000 (0.1181)	3 2.600 (0.1024) 12 3.050 (0.1201)	4 2.650 (0.1043) 13 3.100 (0.1220)	5 2.700 (0.1063) 14 3.150 (0.1240)	6 2.750 (0.1083) 15 3.200 (0.1260)	ed, 7 2.800 (0.1102) 16 3.250 (0.1280)	8 2.850 (0.1122) 17 3.300 (0.1299)	9 2.900 (0.1142)		HINT: New shims have the thickness in	millimeters imprinted on the face.
(10010) 0012 (10010) 0012 (1001	2 2 2 2 3 3 3 3 3 4 4 4 4	1 2 2 2 2 2 3 3 3 3 3 3 4 4 4	- - <td>4 4 4 4 4 5 5 5 5 5 6</td> <td>2 3 3 3 3 4 4 4 4 5 5 5 5 6 6</td> <td>3 3 3 3 3 3 4 4 4 4 4 4 5 5 5 5 6 6 6 6 6 7 7 7 7 7 7 7 7</td> <td>4 4 4 4 5 5 5 5 6 6 6 7 7 7 7 8</td> <td>4 4 4 5 5 5 5 5 5 6 6 6 6 6 7 7 7 7 7 8 8 8</td> <td>4 5 5 5 6 6 6 6 7 7 7 7 8</td> <td>π ο ο ο</td> <td>7 7 8 8 8 8 8 9 9 9 9 9 10 10 10 10 11 11 11</td> <td>8 8 8 8 8 9 9 9 9 9 10 10 10 10 10 11 11 11 11 11</td> <td>8 8 8 8 9 9 9 9 9 10 10 10 10 10 11 11 11 11 11 12 12 12 12 8 8 9 9 9 9 10 10 10 10 10 11 11 11 11 12 12 12 12 12 12 13 13</td> <td>9 9 9 9 10 10 10 10 10 11 11 11 11 11 12 12 12 12 12 12 13</td> <td>9 10 10 10 10 10 11 11 11 11 11 11 12 12 12 12 12 13 13 13 13 13</td> <td>10 10 10 10 10 11 11 11 11 11 11 12</td> <td>10 10 10 11 11 11 11 11 12</td> <td>11 11 11 11 12 12 12 12 12 13 13 13 13 13 14 14 14 14 14 15</td> <td>11 11 12 12 12 12 12 13 13 13 13 13 13 14 14 14 14 14 15 15 15</td> <td>12 12 12 12 12 13 13 13 13 13 13 14 14</td> <td>12 12 12 12 12 13 13 13 13 13 14 14 14 14 14 14 15 15 15 15 15 15 16 16 16 16 16 16 16 16 17 17 12 12 12 13 13 13 13 13 14 14 14 14 14 15 15 15 15 15 15 16 16 16 17 17 17 17</td> <td>13 13 13 13 14 14 14 14 14 14 15 15 15 15 15 16 16 16 16 17</td> <td>11</td> <td>14 14 14 14 14 15 15 15 15 15 16 16 16 16 17 17 17 17 </td> <td>14 14 14 15 15 15 15 15 15 16 16 16 16 16 17 17 17 17 17 17 17 17</td> <td>15 15 15 15 15 16 16 16 16 16 17 17 17</td> <td>15 15 16 16 16 16 16 16 17 17 17 16 16 16 17</td> <td>5 16 16 16 16 15 17 17 17 17 17 17 17 17 17 6 16 16 16 16 17 17 17 17 17 17 17 17</td> <td>17 17 17 17 17 17 17 17</td> <td>1717</td> <td>Exhaust valve clearance (Cold)</td> <td>0.25 – 0.35 mm (0.010 – 0.014 in.)</td> <td>EXAMPLE:</td> <td>The 2.800 mm (0.1102 in.) shim is installed,</td> <td>(0.0173 in.). Replace the 2.800 mm</td> <td>(0 1102 in) shim with a No 10 shim</td> <td></td> <td></td> <td></td>	4 4 4 4 4 5 5 5 5 5 6	2 3 3 3 3 4 4 4 4 5 5 5 5 6 6	3 3 3 3 3 3 4 4 4 4 4 4 5 5 5 5 6 6 6 6 6 7 7 7 7 7 7 7 7	4 4 4 4 5 5 5 5 6 6 6 7 7 7 7 8	4 4 4 5 5 5 5 5 5 6 6 6 6 6 7 7 7 7 7 8 8 8	4 5 5 5 6 6 6 6 7 7 7 7 8	π ο ο ο	7 7 8 8 8 8 8 9 9 9 9 9 10 10 10 10 11 11 11	8 8 8 8 8 9 9 9 9 9 10 10 10 10 10 11 11 11 11 11	8 8 8 8 9 9 9 9 9 10 10 10 10 10 11 11 11 11 11 12 12 12 12 8 8 9 9 9 9 10 10 10 10 10 11 11 11 11 12 12 12 12 12 12 13 13	9 9 9 9 10 10 10 10 10 11 11 11 11 11 12 12 12 12 12 12 13	9 10 10 10 10 10 11 11 11 11 11 11 12 12 12 12 12 13 13 13 13 13	10 10 10 10 10 11 11 11 11 11 11 12	10 10 10 11 11 11 11 11 12	11 11 11 11 12 12 12 12 12 13 13 13 13 13 14 14 14 14 14 15	11 11 12 12 12 12 12 13 13 13 13 13 13 14 14 14 14 14 15 15 15	12 12 12 12 12 13 13 13 13 13 13 14 14	12 12 12 12 12 13 13 13 13 13 14 14 14 14 14 14 15 15 15 15 15 15 16 16 16 16 16 16 16 16 17 17 12 12 12 13 13 13 13 13 14 14 14 14 14 15 15 15 15 15 15 16 16 16 17 17 17 17	13 13 13 13 14 14 14 14 14 14 15 15 15 15 15 16 16 16 16 17	11	14 14 14 14 14 15 15 15 15 15 16 16 16 16 17 17 17 17 	14 14 14 15 15 15 15 15 15 16 16 16 16 16 17 17 17 17 17 17 17 17	15 15 15 15 15 16 16 16 16 16 17 17 17	15 15 16 16 16 16 16 16 17 17 17 16 16 16 17	5 16 16 16 16 15 17 17 17 17 17 17 17 17 17 6 16 16 16 16 17 17 17 17 17 17 17 17	17 17 17 17 17 17 17 17	1717	Exhaust valve clearance (Cold)	0.25 – 0.35 mm (0.010 – 0.014 in.)	EXAMPLE:	The 2.800 mm (0.1102 in.) shim is installed,	(0.0173 in.). Replace the 2.800 mm	(0 1102 in) shim with a No 10 shim			
2. 500 (0.0984) 2. 500 (0.0081) 2. 540 (0.1004) 2. 560 (0.1004) 2. 560 (0.1004) 2. 560 (0.1047) 2. 570 (0.1047) 2. 570 (0.1047) 2. 570 (0.1047) 2. 570 (0.1076) 2. 570 (0.1076				1 1 1 1 2	1 1 1 1 1 2 2 2		1 2 2 2 3 3 3 3	3 3 3 4			3 3 3 3 4 4 5 5 5 6 6 6 7 7	3 3 4 4 5 5 5 6 6 6 7 7 7 7 7	3 3 4 4 4 5 5 5 6 6 6 7 7 7 8 3 4 4 5 5 5 6 6 6 7 7 8 8 8	4 5 5 5 6 6 7 7 7 8	6 6	5 5 6 6 7 7 7 8 8 9 9 9	556667778889999991010 5666777788899991010		7 7 7 7 8 8 9 9 9 9 10 10 11 11	7 7 8 8 9 9 9 10 10 10 11 11 11 11	7 7 8 8 8 9 9 9 10 10 10 11 11 11 11 12 1 7 8 8 8 9 9 10 10 10 11 11 11 12 12 12 1		9 9 9 9 10 10 11 11 11 12 12 12 1	9 9 10 10 10 11 11 11 12 12 12 13 13 13 13 13	9 10 10 10 10 11 11 11 12 12 12 13 13 13 13 13 13 14 10 10 10 11 11 12 12 12 12 13 13 13 14 14 14 14	10 11 11 11 11 12 12 13 13 13 13 14	11 11 12 12 13 13 13 13 13 14 14 14 14 1 12 12 12 13 13 13 13 14 14 14 14 15 1	11 11 12 12 12 12 13 13 13 14 14 14 14 15 15 15 15 16 1 11 12 12 12 13 13 13 13 14 14 14 15 15 15 16 16 16	13 13 13 14 14 15 15 15 15 15 16 16 16 16 16		13 13 14 14 14 15 15 15 15 16 16 16 17 17 17 17 17 17 17 17 17 17 17 17 17	14 14 15 15 15 15 16 16 17 17 17 17 17	16 16 16 17 17 17 17 17 17	15 15 16 16 16 17 17 17 17 17 17 17 15 15 16 16 16 17 17 17 17 17 17 17 17 17 17 17 17 17	16 17 17	161717171717 171717171717	1717	1717	
Installed shim thickness Measured clearance mm (in)	- 0.030 (0.0000 -	- 0.050 (0.0012 -	0.051 - 0.070 (0.0020 - 0.0028) 0.071 - 0.090 (0.0028 - 0.0035)	- 0.110 (0.0036 -	- 0.130 (0.0044	0.131 - 0.150 (0.0052 - 0.0059)	- 0.190 (0.0067	0.191 - 0.210 (0.0075 - 0.0083)	- 0.230 (0.0083 -	0.231 - 0.249 (0.0091 - 0.0098) 0.250 - 0.350 (0.0098 - 0.0138)	- 0.370 (0.0138 -	0.371 - 0.390 (0.0146 - 0.0154)	0.391 - 0.410 (0.0154 - 0.0161) 0.411 - 0.430 (0.0162 - 0.0169)	- 0.450 (0.0170 -	0.451 - 0.470 (0.0178 - 0.0185)		0.491 - 0.510 (0.0193 - 0.0201)	- 0.550 (0.0209 -		- 0.590 (0.0225	0.591 - 0.610 (0.0233 - 0.0240) 0.611 - 0.630 (0.0241 - 0.0248)			- 0.690 (0.0264 -	- 0.710 (0.0272 - 0.730 (0.0280	- 0.750 (0.0288 -	0.751 - 0.770 (0.0296 - 0.0303) 0.771 - 0.790 (0.0304 - 0.0311)	0.791 - 0.810 (0.0311 - 0.0319) 0.811 - 0.830 (0.0319 - 0.0327)		0.871 - 0.890 (0.0343 - 0.0350)	0.891 - 0.910 (0.0351 - 0.0358) 0.911 - 0.930 (0.0359 - 0.0366)	- 0.950 (0.0367	0.391 - 0.370 (0.0374 - 0.0362) 0.971 - 0.990 (0.0382 - 0.0390)	0.991 - 1.010 (0.0390 - 0.0398) 1.011 - 1.020 (0.0398 - 0.0406)	- 1.050 (0.0406 -	1.051 - 1.070 (0.0414 - 0.0421) 1.071 - 1.090 (0.0422 - 0.0429)	- 1.110 (0.0430	$< 1.111 - 1.130 (0.0437 - 0.0445) \\ < 1.131 - 1.150 (0.0445 - 0.0413)$	

1996 TOYOTA TACOMA (RM450U)