CONCOURS VALVE ADJUSTMENT LOG

Date: _____ Milage: _____ Model: _____

1). Leave in 6th gear, remove spark plugs (Optional). Using starter, rotate crank (CCW) until TDC mark aligns with Index Mark shown in Figure 1. Bump with rear wheel to align TDC mark.

2). Ensure that timing marks on Camshaft Sprockets are aligned as shown in Figure 2. If not, rotate crankshaft one full turn CCW.

3). Adjust valve clearance for the following valves: No. 2 Cylinder Intake Valves / No. 3 Cylinder Exhaust Valves / No. 4 Cylinder Intake and Exhaust Valves. SEE TABLE 1.

4). Set final adjustment to the middle of the listed specification using the Go/No-Go method for final adjustment. Upper limit gauge won't go, next size down does go. Example: Upper limit 0.007 in. No-Go / Next size down, 0.006 in. - Go.

5). CONVERSIONS: (.13mm / .0051"), (.14mm / .0055"), (.15mm / .0059"), (.16 / .0063"), (.17mm / .0067"), (.18mm / .0071"), (.19mm / .0075), (.20mm / .0079"), (.21 / .0083"), (.22mm / .0087"), (.23mm / .0091")

TORQUE SPECIFICATIONS:

Valve cover bolts @ 87 in-lb
Valve adjuster lock nut @ 18.0 ft-lb (217 in-lb)
Air suction valve cover bolts @ 75 in-lbs

Spark Plug Gap @ 0.6 ~ 0.7 mm
(0.0236 ~ 0.0275 in)
Spark Plug Torque @ 10 Ft/lbs

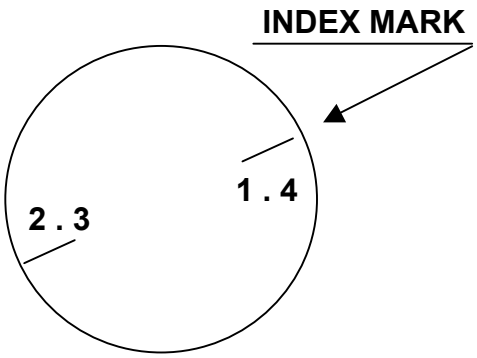

FIGURE 1

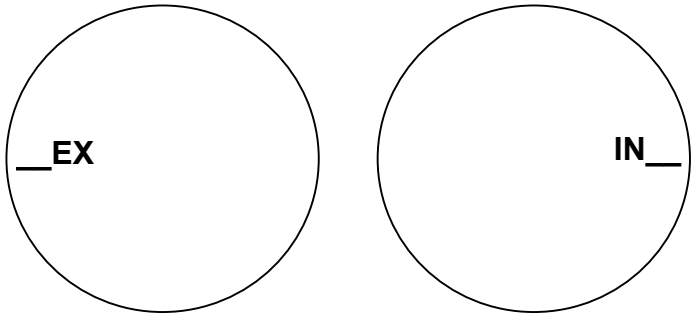

FIGURE 2

TABLE 1 RECORD:

Cylinder #	Valve Type	Spec (mm)	Spec (in)	Measured Gap (NO-GO)	Adjusted Gap (NO GO)	Adjusted Gap (GO)	COMMENTS
2A (Left)	INTAKE	0.13 ~ 0.18 mm	0.005 ~ 0.007 in		0.007 in		
2B (Right)	INTAKE	0.13 ~ 0.18 mm	0.005 ~ 0.007 in		0.007 in		
3A (Left)	EXHAUST	0.18 ~ 0.23 mm	0.007 ~ 0.009 in		0.009 in		
3B (Right)	EXHAUST	0.18 ~ 0.23 mm	0.007 ~ 0.009 in		0.009 in		
4A (Left)	INTAKE	0.13 ~ 0.18 mm	0.005 ~ 0.007 in		0.007 in		
4B (Right)	INTAKE	0.13 ~ 0.18 mm	0.005 ~ 0.007 in		0.007 in		
4A (Left)	EXHAUST	0.18 ~ 0.23 mm	0.007 ~ 0.009 in		0.009 in		
4B (Right)	EXHAUST	0.18 ~ 0.23 mm	0.007 ~ 0.009 in		0.009 in		

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2). Ensure that timing marks on Camshaft Sprockets are aligned as shown in Figure 3. If not, rotate crankshaft one full turn CCW.

3). Adjust valve clearance for the following valves: No. 1 Cylinder Intake and Exhaust Valves / No. 2 Cylinder Exhaust Valves / No. 3 Cylinder Intake Valves. SEE TABLE 2.

4). Set final adjustment to the middle of the listed specification using the Go/No-Go method for final adjustment. Upper limit gauge won't go, next size down does go. Example: Upper limit 0.007 in. No-Go / Next size down, 0.006 in. - Go.

5). CONVERSIONS: (.13mm / .0051"), (.14mm / .0055"), (.15mm / .0059"), (.16 / .0063"), (.17mm / .0067"), (.18mm / .0071"), (.19mm / .0075), (.20mm / .0079"), (.21 / .0083"), (.22mm / .0087"), (.23mm / .0091")

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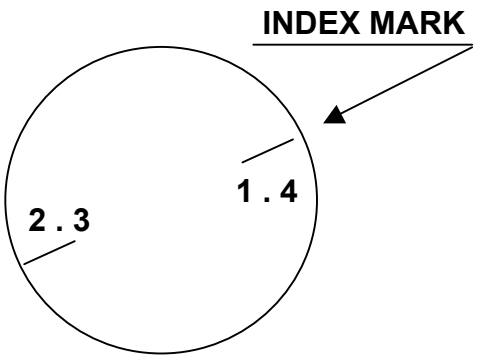

FIGURE 1

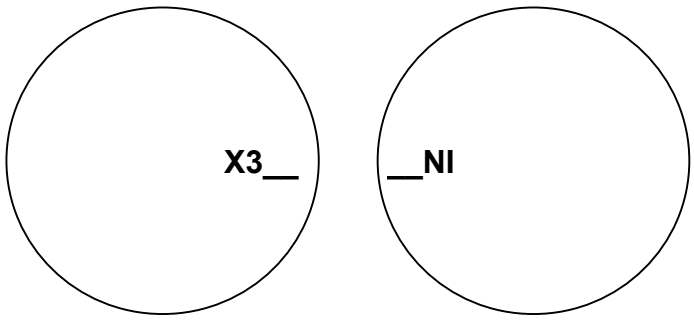

FIGURE 3

TABLE 2 RECORD:

Cylinder #	Valve Type	Spec (mm)	Spec (in)	Measured Gap (NO-GO)	Adjusted Gap (NO GO)	Adjusted Gap (GO)	COMMENTS
1A (Left)	INTAKE	0.13 ~ 0.18 mm	0.005 ~ 0.007 in		0.007 in		
1B (Right)	INTAKE	0.13 ~ 0.18 mm	0.005 ~ 0.007 in		0.007 in		
1A (Left)	EXHAUST	0.18 ~ 0.23 mm	0.007 ~ 0.009 in		0.009 in		
1B (Right)	EXHAUST	0.18 ~ 0.23 mm	0.007 ~ 0.009 in		0.009 in		
2A (Left)	EXHAUST	0.18 ~ 0.23 mm	0.007 ~ 0.009 in		0.009 in		
2B (Right)	EXHAUST	0.18 ~ 0.23 mm	0.007 ~ 0.009 in		0.009 in		
3A (Left)	INTAKE	0.13 ~ 0.18 mm	0.005 ~ 0.007 in		0.007 in		
3B (Right)	INTAKE	0.13 ~ 0.18 mm	0.005 ~ 0.007 in		0.007 in		