

Retightening Manifold Bolts and Nuts

MANIFOLD BOLTS AND NUTS

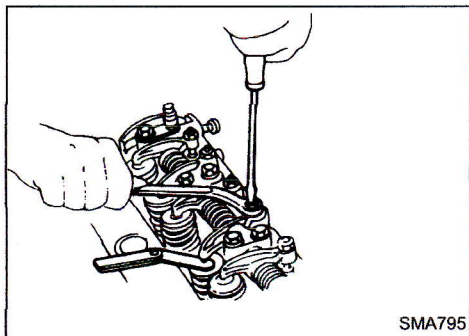
Intake:

☞: 17 - 23 N·m (1.7 - 2.3 kg-m, 13 - 17 ft-lb)

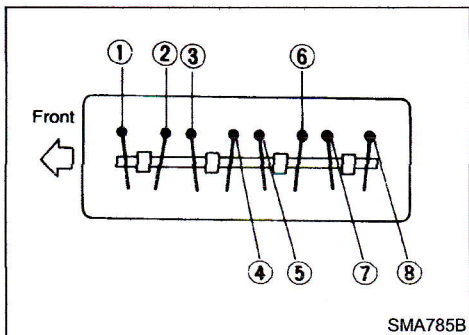
Exhaust:

☞: 32 - 38 N·m (3.3 - 3.9 kg-m, 24 - 28 ft-lb)

Retightening should be performed while engine is cold [approximately 20°C (68°F)].



SMA795



SMA785B

Adjusting Intake and Exhaust Valve Clearance

Adjustment should be made while engine is warm but not running.

1. Set No. 1 cylinder in top dead center on its compression stroke, and adjust valve clearance ①, ②, ③ and ⑥.
2. Set No. 4 cylinder in top dead center on its compression stroke, and adjust valve clearance ④, ⑤, ⑦ and ⑧.

Valve clearance:

Intake ①, ③, ⑤ and ⑦

0.25 mm (0.0098 in)

Exhaust ②, ④, ⑥ and ⑧

0.25 mm (0.0098 in)

Adjusting screw lock nuts:

☞: 15 - 20 N·m (1.5 - 2.0 kg-m, 11 - 14 ft-lb)

Drive Belt Inspection

1. Inspect for cracks, fraying, wear or oil adhesion. Replace if necessary.

The belts should not touch the bottom of the pulley groove.

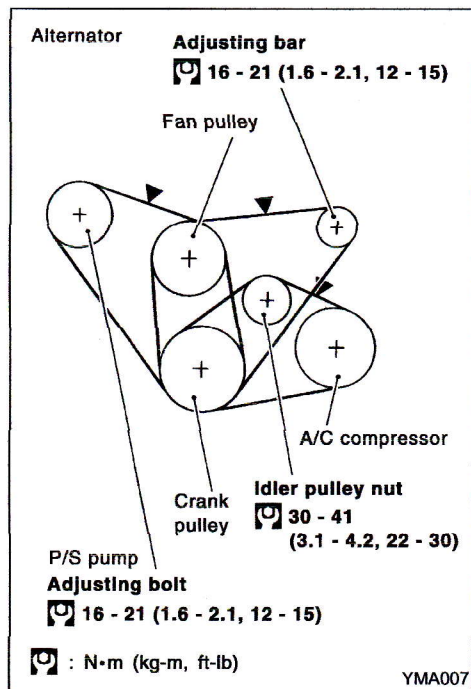
2. Check drive belt deflection by pushing on the belt midway between pulleys. (▼)
3. Adjust if belt deflections exceed the limit.

Unit: mm (in)

Drive belts	Used belt deflection		Deflection of new belt
	Limit	Deflection after adjustment	
Alternator	20 (0.79)	11 - 13 (0.43 - 0.51)	9 - 11 (0.35 - 0.43)
Air conditioner compressor	12 (0.47)	6 - 7.5 (0.236 - 0.295)	5 - 6.5 (0.197 - 0.256)
Power steering oil pump	15 (0.59)	8 - 9.5 (0.315 - 0.374)	7 - 8.5 (0.276 - 0.335)
Applied pushing force	98 N (10 kg, 22 lb)		

Check drive belt deflections when engine is cold.

If engine is hot, check deflections after 30 minutes or more.



YMA007