

## A-type tightening torque table (Nissan service data)

Note: The information is for the standard engine as described in Nissan's maintenance manual.  
Tightening torque may differ for tuned engines.

### A-type engine main tightening torque

### Nissan Service Data

item	Series	Passenger cars			Van series	
	Engine model A12A	A14			A12	A14
	Transmission type	M/T	M/T	A/T	M/T	M/T
<b>Engine body related parts</b>						
Cylinder head		7.0 - 8.0	←	←	6.5 - 7.5	7.0 - 8.0
Main bearing cap		5.0 - 6.0	←	←	←	←
Connecting rod cap		3.2 - 3.8	←	←	←	←
Flywheel bolt		8.0 - 9.0	←	←	←	←
Drive Plate		—	—	8.0 - 9.0	—	—
Cam sprocket		4.0 - 4.8	←	←	←	←
Crank pulley bolt		15.0 - 20.0	←	←	←	←
Valve rocker adjustment nut		1.2 - 1.9	←	←	←	←
Valve rocker bracket		2.0 - 2.5	←	←	←	←
Oil pan bolt		0.4 - 0.6	←	←	←	←
Oil pan drain plug		2.0 - 3.0	←	←	←	←
Intake manifold (Mounting to head) Bolt		1.6 - 2.1	←	←	0.9 - 1.4	1.6 - 2.1
Exhaust manifold (attached to the head) Nuts and co-fastening bolts, nuts		1.6 - 2.1	←	←	0.9 - 1.4	1.6 - 2.1

### Type A development information

#### A-type camshaft material

We are currently developing durable and precise camshaft materials to meet the harsh conditions of use in racing cars.



### A type New product information

#### A-type high-pressure, large-capacity oil pump



Well-balanced with 130% more discharge volume than stock and maximum oil pressure of 60MPa  
High-pressure, large-capacity oil pump with settings.  
All assembly processes are carried out in-house at Kameari Engine Works.  
High inspection standards are met, and safety is ensured through increased precision.  
We are doing it.

price: ¥60,000