

 1.1.8 check and adjust valve clearance (Basic assy.)

## Technical data

### Valve clearance adjustment data

Valve clearance (cold)	
Intake	0.50 mm [0.020 in]
Exhaust	0.70 mm [0.028 in]
Valve clearance (hot)	
Intake	0.50 mm [0.020 in]
Exhaust	0.55 mm [0.022 in]
Lock nut for valve adjusting bolt	64 Nm [566 lb-in]

*M022676 - 07.29.2013*

### Warm/cold definition

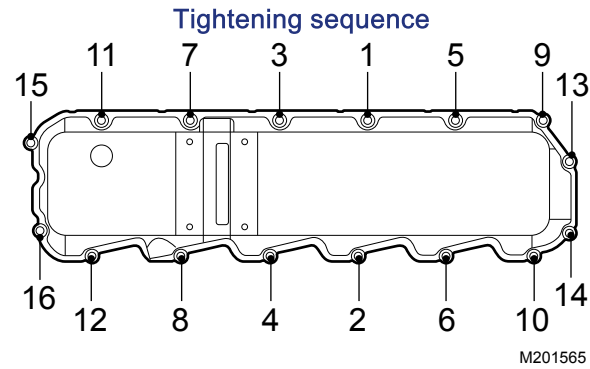
Cold engine	A cold engine is an engine that, having reached operating temperature, has been allowed to cool down for at least <b>six hours</b> .
Warm engine	A warm engine is an engine that, having reached operating temperature, has been at a standstill for not more than <b>thirty minutes</b> .

*M024426 - 02.21.2008*

 1.1.10 install assembly valve cover (Basic assy.)

## Technical data

### Tightening torque, valve cover



#### Attachment bolts

- (1) Always install a new valve cover gasket.

20 Nm [177 lb-in]<sup>(1)</sup>

*M021366 - 01.16.2013*

#### ▲ 1.1.11 fixing compressor pipe 01, suction side (Air compressor)

### Technical data

#### Tightening torque, compressor pipe 01, suction side

Union nut, valve cover side

90 Nm [65 lb-ft]

*M028176 - 01.22.2013*

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