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31

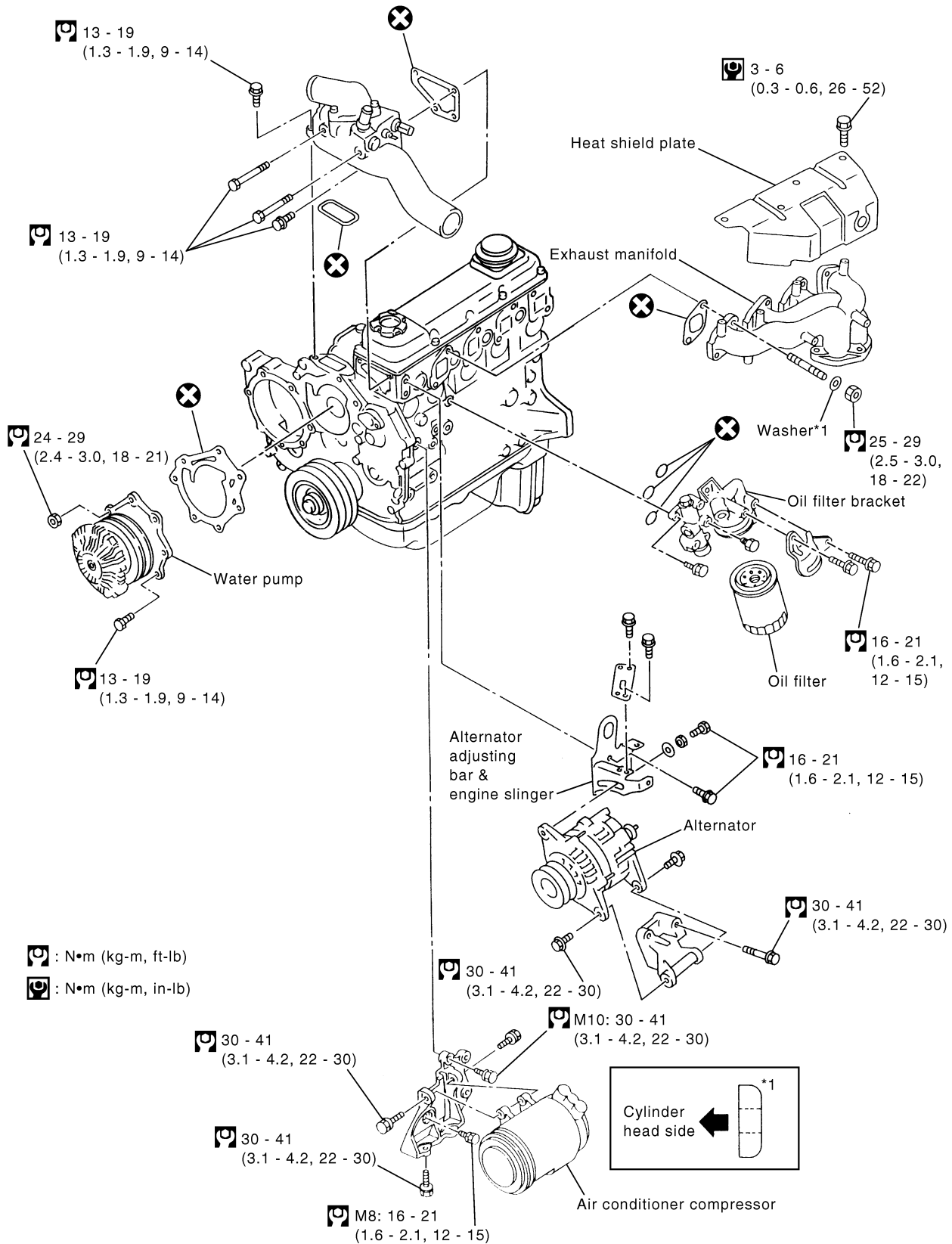
DY

A nut used for water pump installation has been changed.

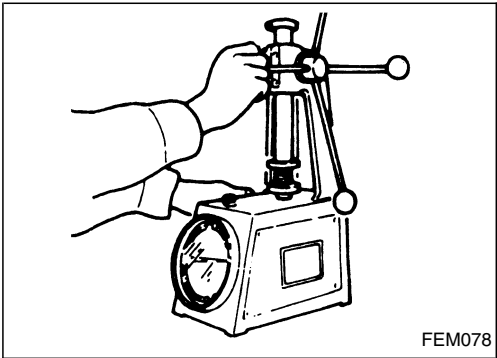
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SEC. 140•150•268•230•275



PBIC4819E



Inspection

VALVE SPRING FREE LENGTH AND COMPRESSIVE LOAD

Using valve spring tester, check the following.

Free length: 55.51 mm (2.1854 in)

Installation height: 40.8 mm (1.6063 in)

Installation load: 180 - 206 N (18.4 - 21.0 kg, 40.6 - 46.3 lb)

Height at valve open: 32.31 mm (1.2720 in)

Load at valve open: 336 - 372 N (34.3 - 37.9 kg, 75.6 - 83.6 lb)

Assembly

Install valve spring.

NOTE:

For the assembly direction of the valve spring, the upper and lower sides are not specified. The pitches of the spring are even.

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Valve

VALVE SPRING

Free height	mm (in)	55.51 (2.1854)
Pressure	N (kg, lb) at height mm (in)	336 - 372 (34.3 - 37.9, 75.6 - 83.6) at 32.3 (1.2717)
Out-of-square	mm (in)	2.4 (0.094)