

Front Rotor	Chamber			PSI	X Corr Factor	Dead Space Compensation			PSI	X Corr Factor	Altitude Compensation			PSI
	One	Two	Three			One	Two	Three			One	Two	Three	

Rear Rotor	Chamber			PSI	X Corr Factor	Dead Space Compensation			PSI	X Corr Factor	Altitude Compensation			PSI
	One	Two	Three			One	Two	Three			One	Two	Three	

Normalized to 250 rpm Front Rotor	Chamber			PSI	Front Rotor	Standard Difference in Chambers			PSI
	One	Two	Three			Pass / Fail			
Pass / Fail					Pass / Fail				

Front Rotor	Standard Difference in Rotors			PSI
	Pass / Fail			

Normalized to 250 rpm Rear Rotor	Chamber			PSI	Rear Rotor	Standard Difference in Chambers			PSI
	One	Two	Three			Pass / Fail			
Pass / Fail					Pass / Fail				

Date: _____

Time: _____

Location Altitude: _____

Location Barometric Press: _____

Location Ambient Temp: _____

Engine type	Ratio	Dead Space Correction
12A 76-82	9.4	1.042
12A 83-85	9.4	1.042
13B 74-78	9.2	1.035
13B 84-85	9.4	1.036
13B N/T 86-88	9.4	1.036
13B T 86-88	8.5	1.032
13B N/T 89-92	9.7	1.038
13B T 89-92	9	1.034
13B T/T 93-95	9	1.034
13B Ren 04-on	10	1.039

Altitude	Correction
500'	0.987
1000'	0.9711
1500'	0.96
2000'	0.9428
2500'	0.933
3000'	0.9151
3500'	0.907
4000'	0.8881
4500'	0.88
5000'	0.8617
5500'	0.853
6000'	0.8359
6500'	0.826
7000'	0.8106
7500'	0.8
8000'	0.786
8500'	0.773

The acceptable range of compression @ 250 RPM as follows:

KPA: 830 standard - 680 minimum - 150 diff / chamber - 100 diff / rotors

Kg F / cm²: 8.5 Standard - 6.9 Minimum - 1.5 diff / chamber - 1 diff / rotors

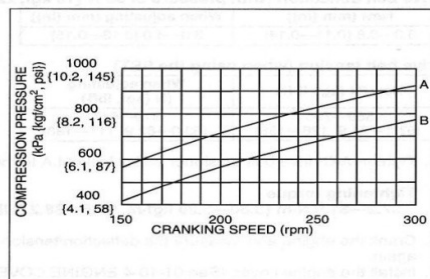
PSI: 120 Standard - 98.6 Minimum - 21.8 diff / rotors - 14.5 diff / rotors

MECHANICAL [13B-MSP]

- Caution**
- If the engine speed when measuring compression differs from the standard, adjust according to the graph.

A : Standard compression pressure
B : Minimum compression pressure

- Install the spark plugs. (See 01-18-3 SPARK PLUG REMOVAL/INSTALLATION [13B-MSP].)
- Connect the eccentric shaft position sensor connector. (See 01-40-49 ECCENTRIC SHAFT POSITION SENSOR REMOVAL/INSTALLATION [13B-MSP].)
- Install the engine cover. (See COVER REMOVAL/INSTALLATION [13B-MSP].)



GraphThree from 3.3litresOffurry.jpg
Type: JPG File
Size: 104 KB
Dimension: 1280 x 541 pixels