

 

Component Inspection

1.CHECK KNOCK SENSOR 1

1. Turn ignition switch OFF.
2. Disconnect knock sensor 1 harness connector.
3. Check resistance between knock sensor 1 terminals as per the following.

note

It is necessary to use an ohmmeter which can measure more than $10\text{ M}\Omega$.

Knock sensor 1		Resistance
Terminals		
1	2	Approx. $532 - 588\text{ k}\Omega$ [at 20°C (68°F)]

caution

Do not use any knock sensors that have been dropped or physically damaged. Use only new ones.

Q.Is the inspection result normal?

Yes**No**

Replace knock sensor 1. Refer to [Exploded View](#) 

2.CHECK KNOCK SENSOR 2

1. Turn ignition switch OFF.
2. Disconnect knock sensor 2 harness connector.
3. Check resistance between knock sensor 2 terminals as per the following.

note

It is necessary to use an ohmmeter which can measure more than $10\text{ M}\Omega$.

Knock sensor 2		Resistance
Terminals		
1	2	Approx. 532 - 588 kΩ [at 20°C (68°F)]

caution Do not use any knock sensors that have been dropped or physically damaged. Use only new ones.

Q. Is the inspection result normal?

Yes

INSPECTION END

No

Replace knock sensor. Refer to [Exploded View](#) .