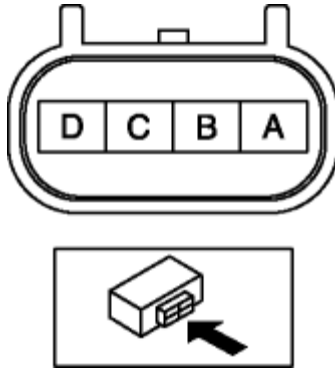


2012 - Mazda6 - Engine

KNOCK SENSOR (KS) INSPECTION [MZI 3.7 V6]

1. Disconnect the negative battery cable. (See [BATTERY REMOVAL/ INSTALLATION \[MZI 3.7 V6\]](#) .)
2. Disconnect the KS connector. (See [KNOCK SENSOR \(KS\) REMOVAL/ INSTALLATION \[MZI 3.7 V6\]](#) .)
3. Measure the resistance between the following terminals:



- KS terminals A and B (KS (RH))
- KS terminals C and D (KS (LH))
 - If not as specified, replace the KS. (See [KNOCK SENSOR \(KS\) REMOVAL/ INSTALLATION \[MZI 3.7 V6\]](#) .)

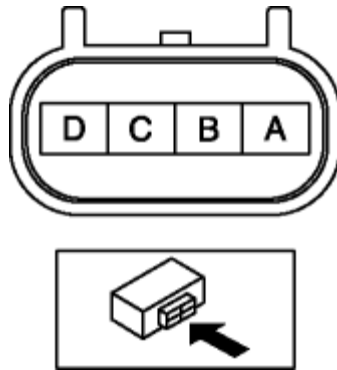
KS resistance

- Approx. 4.87 megohms [ECT: 25 °C {77 °F}]

2012 - Mazda6 - Engine

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