

Account

Vehicle

Help

Search

Contact

AutoZone Community

Exit

Your Vehicle: 2010 Audi Q7 Quattro (4LB) V6-3.0L DSL Turbo (CATA)



SAVE \$25  
instantly on 4 tires!

tirebuyer.com

SAVE NOW >

SAVE \$25  
instantly on 4 tires!

tirebuyer.com

SAVE NOW >

[Vehicle](#) » [A L L Diagnostic Trouble Codes \( DTC \)](#) » [Testing and Inspection](#) » [P Code Charts](#) » [P0420](#)

P0420

DTC Tables

DTC	Error Message	Diagnostic Procedure	Malfunction Criteria and Threshold Value	Secondary Parameters with Enable Conditions	Monitoring Time Length	Frequency of checks, MIL Illum
P0404	CSERS	<ul style="list-style-type: none"> <li>Check EGR Vacuum Regulator Solenoid Valve (N18) . Refer to ⇒ [ EGR Vacuum Regulator Solenoid Valve and Potentiometer, Checking ].</li> </ul>	stuck valve closed <ul style="list-style-type: none"> <li>control deviation &gt; 10%</li> </ul> stuck valve open <ul style="list-style-type: none"> <li>control deviation &gt; 10%</li> </ul>	coldstart emission strategy=active	5500 Sec	<ul style="list-style-type: none"> <li>Continuous</li> <li>2 DCY</li> </ul>
P0405	Exhaust Gas Recirculation Sensor Circuit Low	<ul style="list-style-type: none"> <li>Check EGR Vacuum Regulator Solenoid Valve (N18) . Refer to ⇒ [ EGR Vacuum Regulator Solenoid Valve and Potentiometer, Checking ].</li> </ul>	out of range low <ul style="list-style-type: none"> <li>position sensor signal &lt; 210 mV</li> </ul>	ECT > -20° C	480 mSec	<ul style="list-style-type: none"> <li>Continuous</li> <li>2 DCY</li> </ul>
P0406	Exhaust Gas Recirculation Sensor Circuit High	<ul style="list-style-type: none"> <li>Check EGR Vacuum Regulator Solenoid Valve (N18) . Refer to ⇒ [ EGR Vacuum Regulator Solenoid Valve and Potentiometer, Checking ].</li> </ul>	out of range high <ul style="list-style-type: none"> <li>position sensor signal ≥ 4690 mV</li> </ul>	ECT > -20° C	480 mSec	<ul style="list-style-type: none"> <li>Continuous</li> <li>2 DCY</li> </ul>
P0420	Catalyst System Bank 1 Efficiency Below Threshold	<ul style="list-style-type: none"> <li>Check the Three Way Catalytic Converter (TWC) Refer to ⇒ [ Catalytic Converter, Checking ].</li> </ul>	<ul style="list-style-type: none"> <li>ratio of measured and modeled heat quantity &lt; 0.3</li> </ul>	<ul style="list-style-type: none"> <li>modeled heat quantity flow &gt; 1600W</li> <li>modeled cat temp. &gt; 210° C</li> <li>integrated post injection ≥ 60g within 300 Sec</li> </ul>	time until integrated post injection rate ≥ 60g, but less than 300s, not fixed	<ul style="list-style-type: none"> <li>Immediate</li> </ul>

Zoom

Sized for Print

[Account](#) | [Vehicle](#) | [Help](#) | [Contact](#) | [AutoZone Community](#) | [Exit](#)

© 2015 ALLDATA, LLC. All Rights Reserved. [Trademarks](#) | [Privacy Policy](#) | [Terms and Conditions](#)